

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027333.D
 Acq On : 01 Oct 2018 21:06
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 02 07:25:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	195524	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	186716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	92784	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	93354	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.76%		
35) Dibromofluoromethane	4.88	113	65843	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.28%		
50) Toluene-d8	7.57	98	255479	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.88%		
62) 4-Bromofluorobenzene	10.31	95	94391	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.28%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	87286	52.930	ug/l	100
3) Chloromethane	1.33	50	104734	46.911	ug/l	98
4) Vinyl Chloride	1.40	62	105735	50.380	ug/l	98
5) Bromomethane	1.61	94	41915	46.155	ug/l	98
6) Chloroethane	1.69	64	58849	46.663	ug/l	98
7) Trichlorofluoromethane	1.88	101	109885	51.602	ug/l	99
8) Diethyl Ether	2.10	74	49194	50.150	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	63410	51.275	ug/l	98
10) Methyl Iodide	2.41	142	36403	36.364	ug/l	99
11) Tert butyl alcohol	2.83	59	101356	251.993	ug/l	98
12) 1,1-Dichloroethene	2.28	96	59491	49.238	ug/l	95
13) Acrolein	2.19	56	79257	234.834	ug/l	99
14) Allyl chloride	2.59	41	141768	49.411	ug/l	98
15) Acrylonitrile	2.94	53	278876	266.392	ug/l	100
16) Acetone	2.32	43	246406	218.375	ug/l	100
17) Carbon Disulfide	2.48	76	205030	47.051	ug/l	99
18) Methyl Acetate	2.62	43	134521	52.260	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	246342	50.884	ug/l	99
20) Methylene Chloride	2.70	84	76554	48.706	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	66834	49.270	ug/l	96
22) Diisopropyl ether	3.57	45	305999	52.473	ug/l	99
23) Vinyl Acetate	3.52	43	1354921	266.048	ug/l	99
24) 1,1-Dichloroethane	3.45	63	155703	51.937	ug/l	99
25) 2-Butanone	4.26	43	400660	260.389	ug/l	100
26) 2,2-Dichloropropane	4.23	77	113036	45.887	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	77640	50.049	ug/l	99
28) Bromochloromethane	4.55	49	77231	53.397	ug/l	99
29) Tetrahydrofuran	4.64	42	263003	271.219	ug/l	99
30) Chloroform	4.67	83	138272	51.913	ug/l	100
31) Cyclohexane	5.00	56	145423	47.460	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	114482	51.034	ug/l	99
36) 1,1-Dichloropropene	5.14	75	104847	49.387	ug/l	99
37) Ethyl Acetate	4.38	43	146318	53.329	ug/l	98
38) Carbon Tetrachloride	5.13	117	95733	49.921	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100118\
 Data File : VU027333.D
 Acq On : 01 Oct 2018 21:06
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 02 07:25:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	122694	49.441	ug/l	100
40) Benzene	5.39	78	311455	50.365	ug/l	100
41) Methacrylonitrile	4.54	41	82556	53.235	ug/l	98
42) 1,2-Dichloroethane	5.40	62	118996	51.841	ug/l	100
43) Isopropyl Acetate	5.55	43	228893	53.715	ug/l	100
44) Trichloroethene	6.19	130	68395	49.601	ug/l	99
45) 1,2-Dichloropropane	6.43	63	92940	52.107	ug/l	96
46) Dibromomethane	6.56	93	53055	52.667	ug/l	99
47) Bromodichloromethane	6.76	83	107460	51.409	ug/l	99
48) Methyl methacrylate	6.62	41	115340	54.429	ug/l	99
49) 1,4-Dioxane	6.61	88	37832	1037.623	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	766985	276.988	ug/l	99
52) Toluene	7.64	92	188107	51.392	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	125761	51.314	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	135271	51.342	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	75117	51.762	ug/l	100
56) Ethyl methacrylate	8.02	69	132240	47.694	ug/l	98
57) 1,3-Dichloropropane	8.24	76	144368	51.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	370533	243.026	ug/l	100
59) 2-Hexanone	8.36	43	585751	272.697	ug/l	99
60) Dibromochloromethane	8.48	129	75911	52.155	ug/l	98
61) 1,2-Dibromoethane	8.59	107	79139	51.290	ug/l	100
64) Tetrachloroethene	8.23	164	56898	48.951	ug/l	99
65) Chlorobenzene	9.12	112	190634	48.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	69190	50.996	ug/l	98
67) Ethyl Benzene	9.25	91	352195	50.579	ug/l	99
68) m/p-Xylenes	9.38	106	260705	102.355	ug/l	100
69) o-Xylene	9.78	106	127464	52.661	ug/l	98
70) Styrene	9.79	104	209104	46.390	ug/l	99
71) Bromoform	9.96	173	55435	50.783	ug/l #	99
73) Isopropylbenzene	10.17	105	341632	50.697	ug/l	99
74) N-amyl acetate	10.02	43	205142	53.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	133480	50.445	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	155932	64.832	ug/l	83
77) Bromobenzene	10.45	156	77870	49.722	ug/l	99
78) n-propylbenzene	10.59	91	413352	51.047	ug/l	100
79) 2-Chlorotoluene	10.66	91	242408	49.581	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	283771	51.723	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	155932	169.672	ug/l #	100
82) 4-Chlorotoluene	10.77	91	279203	50.322	ug/l	100
83) tert-Butylbenzene	11.10	119	269474	50.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	292200	52.139	ug/l	99
85) sec-Butylbenzene	11.32	105	344481	51.548	ug/l	99
86) p-Isopropyltoluene	11.48	119	295405	51.628	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	142170	47.941	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	144384	47.646	ug/l	100
89) n-Butylbenzene	11.89	91	275152	45.498	ug/l	100
90) Hexachloroethane	12.15	117	53689	49.780	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	142496	49.365	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	30379	51.803	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
Data File : VU027333.D
Acq On : 01 Oct 2018 21:06
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 02 07:25:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

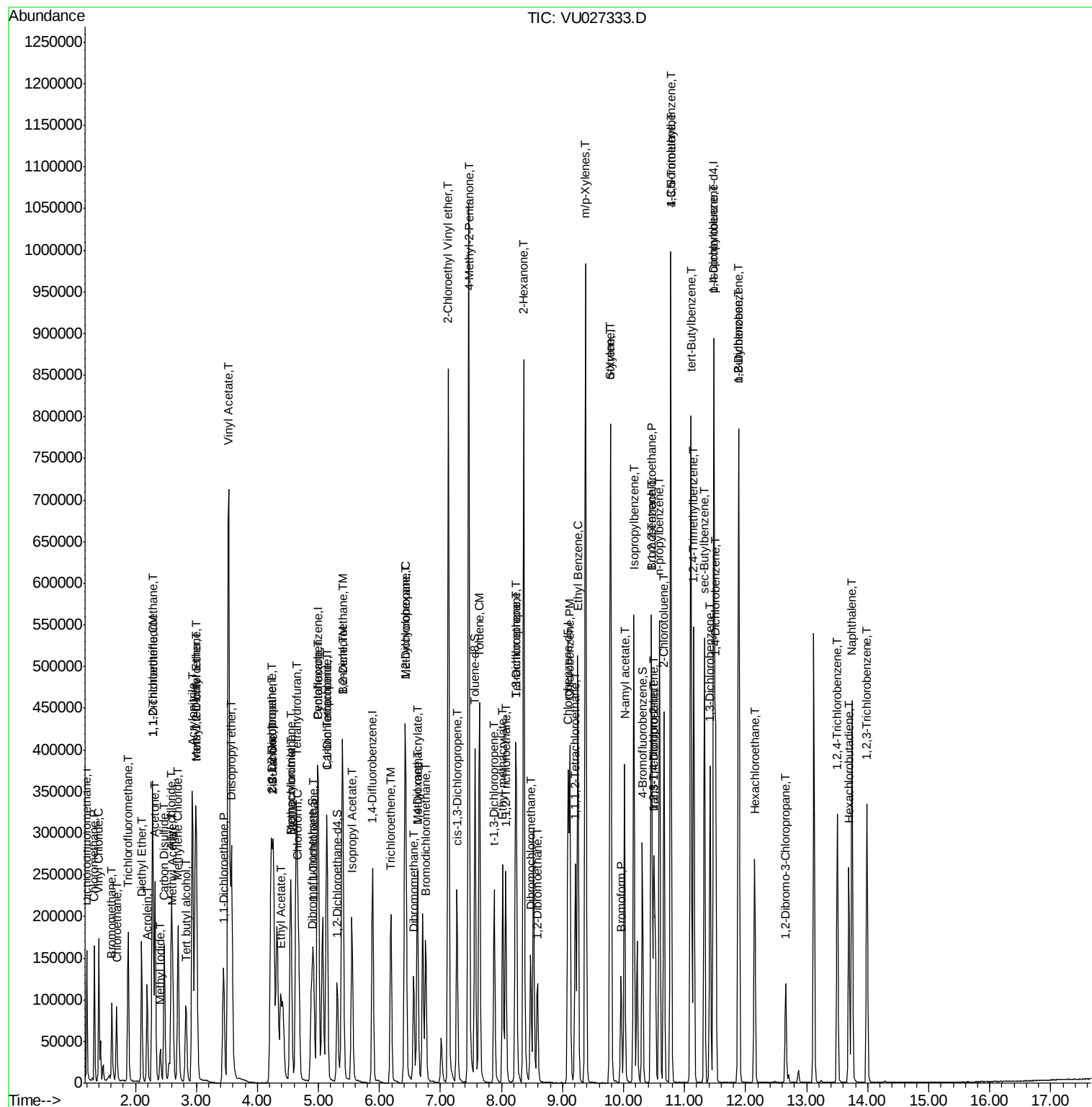
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	94458	50.572	ug/l	99
94) Hexachlorobutadiene	13.69	225	45161	47.856	ug/l	100
95) Naphthalene	13.74	128	331530	47.353	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	96759	49.724	ug/l	98

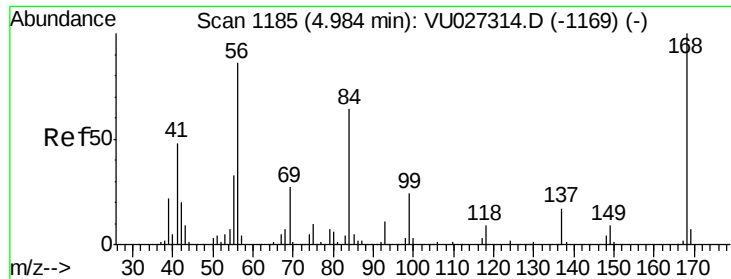
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100118\
Data File : VU027333.D
Acq On : 01 Oct 2018 21:06
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleID :
VSTDCCC050EC

Quant Time: Oct 02 07:25:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

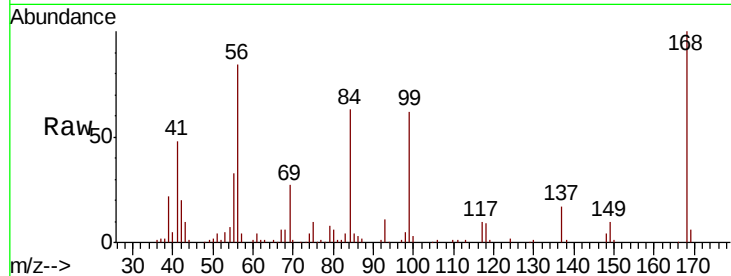
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 114384

Ion Ratio Lower Upper

168 100

99 60.9 50.8 76.2

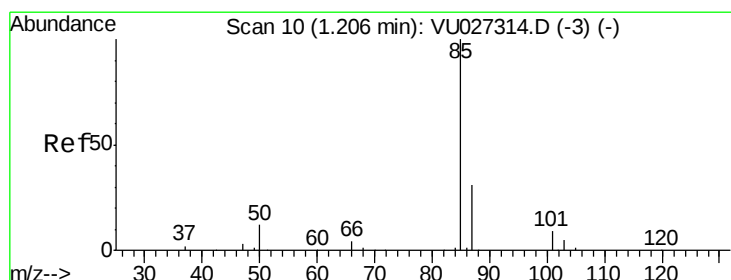
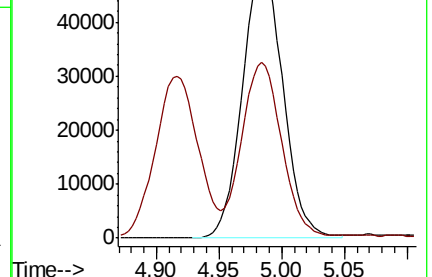
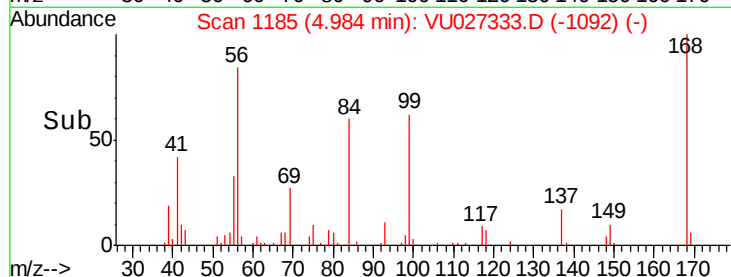


Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.98

Time-->



#2

Dichlorodifluoromethane

Concen: 52.930 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027333.D

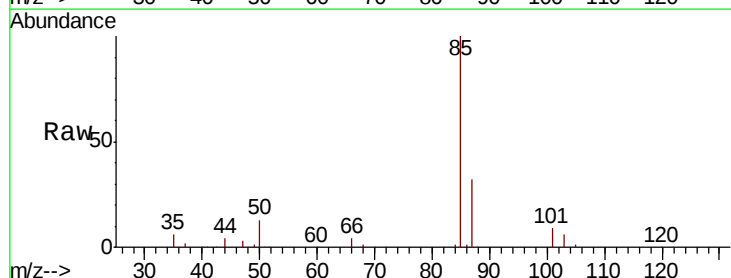
Acq: 01 Oct 2018 21:06

Tgt Ion: 85 Resp: 87286

Ion Ratio Lower Upper

85 100

87 31.6 15.7 47.1

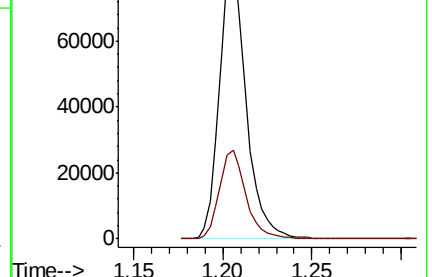
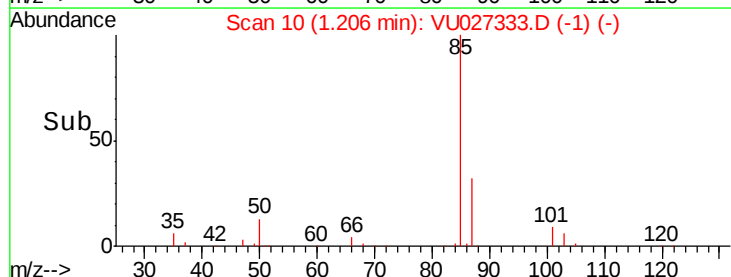


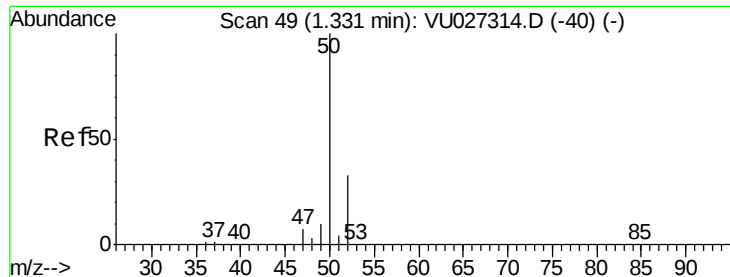
Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)

1.21

Time-->





#3

Chloromethane

Concen: 46.911 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

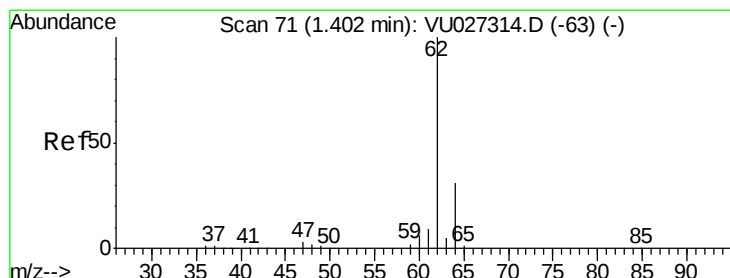
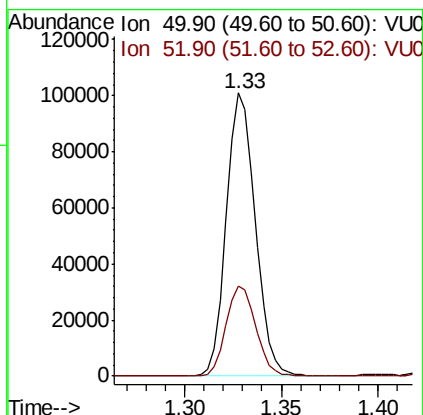
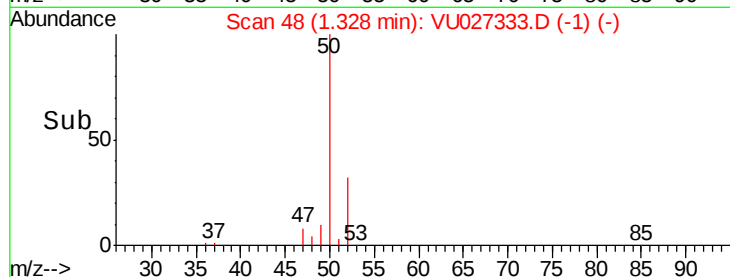
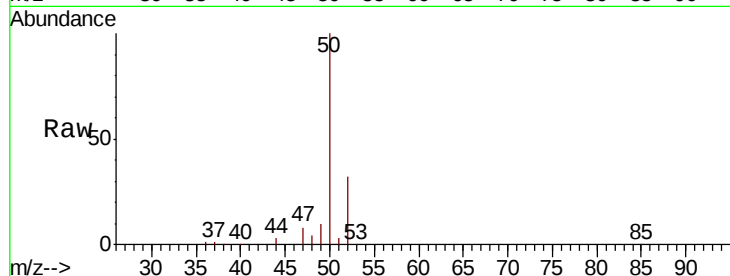
VSTDCCC050EC

Tot Ion: 50 Resp: 104734

Ion Ratio Lower Upper

50 100

52 32.0 26.5 39.7



#4

Vinyl Chloride

Concen: 50.380 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027333.D

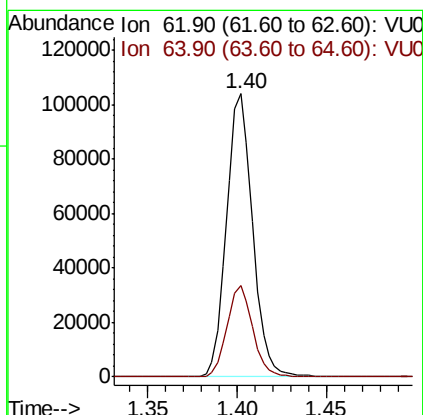
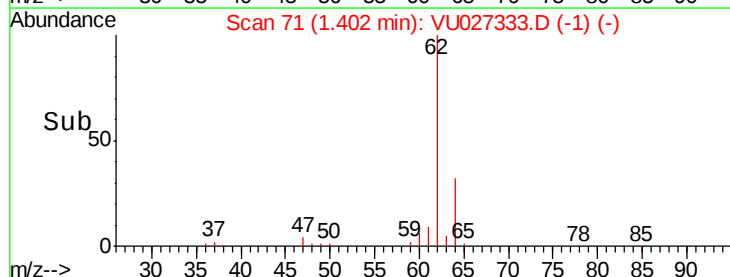
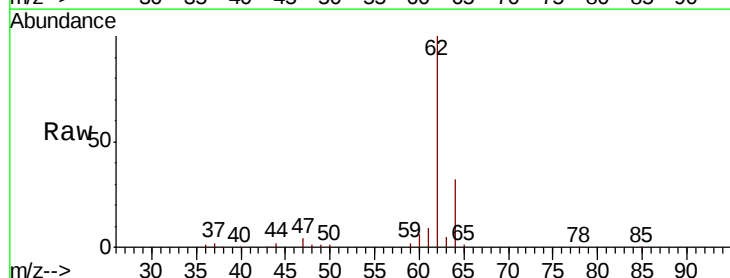
Acq: 01 Oct 2018 21:06

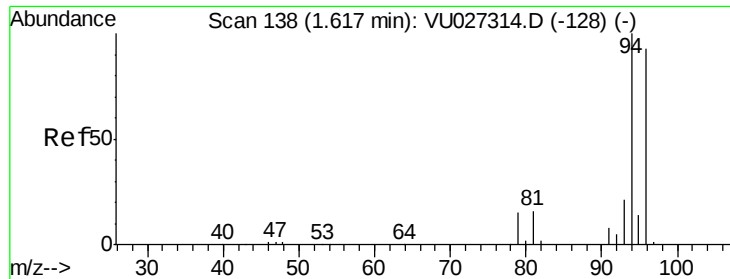
Tgt Ion: 62 Resp: 105735

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3

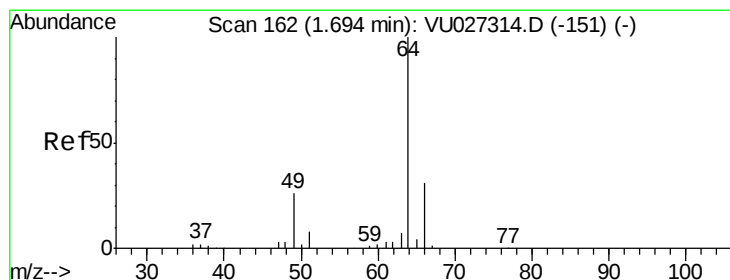
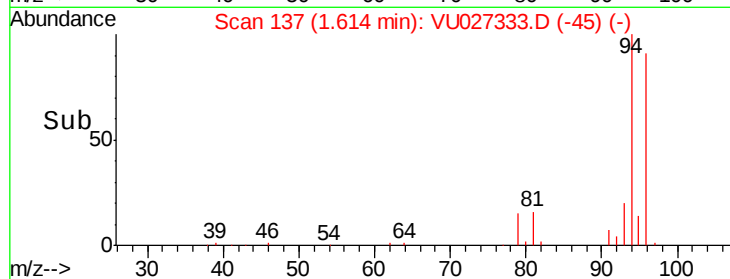
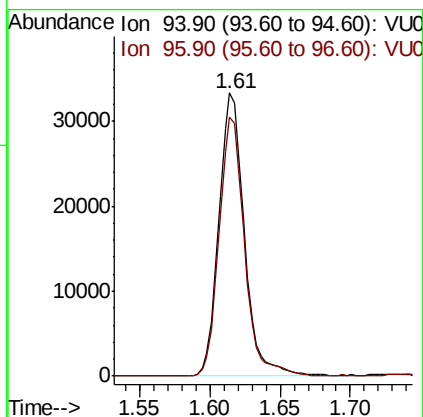
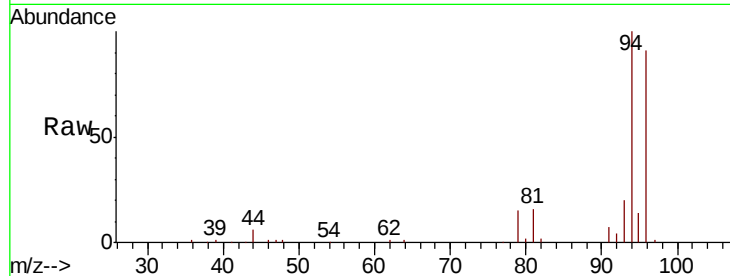




#5
Bromomethane
Concen: 46.155 ug/l
RT: 1.61 min Scan# 137
Delta R.T. -0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

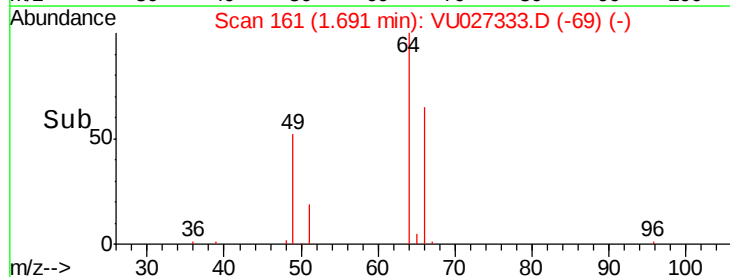
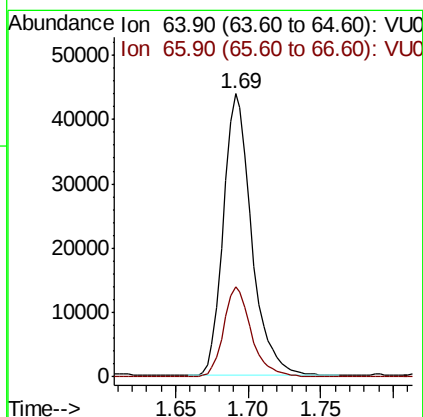
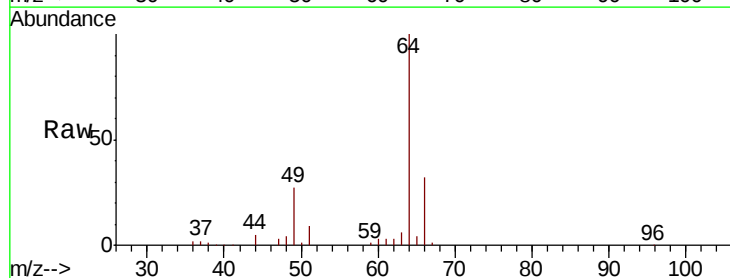
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

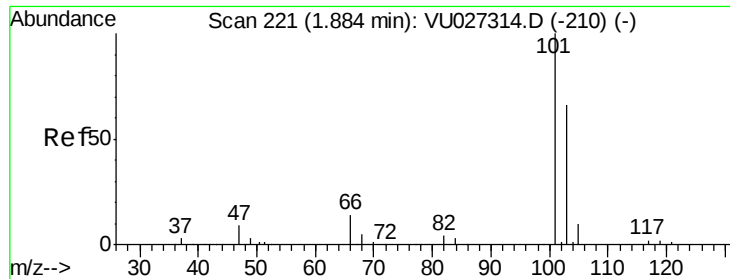
Tot Ion: 94 Resp: 41915
Ion Ratio Lower Upper
94 100
96 91.5 74.6 111.8



#6
Chloroethane
Concen: 46.663 ug/l
RT: 1.69 min Scan# 161
Delta R.T. -0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion: 64 Resp: 58849
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8



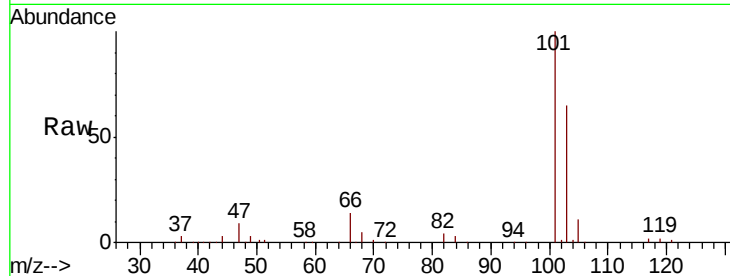


#7

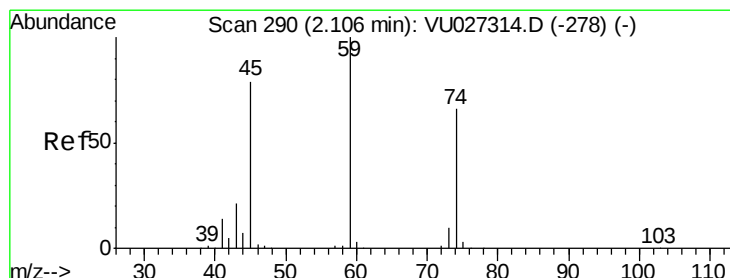
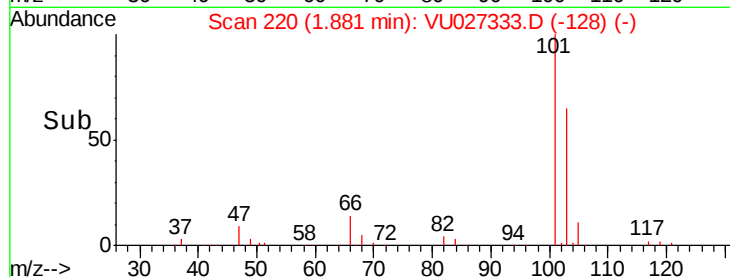
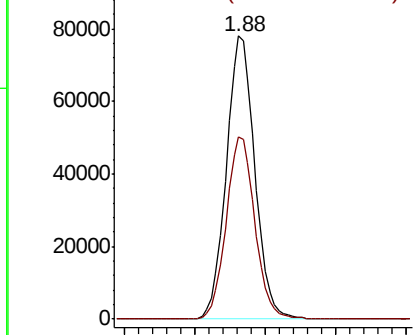
Trichlorofluoromethane
Concen: 51.602 ug/l
RT: 1.88 min Scan# 220
Delta R.T. -0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 109885
Ion Ratio Lower Upper
101 100
103 64.6 52.6 78.8



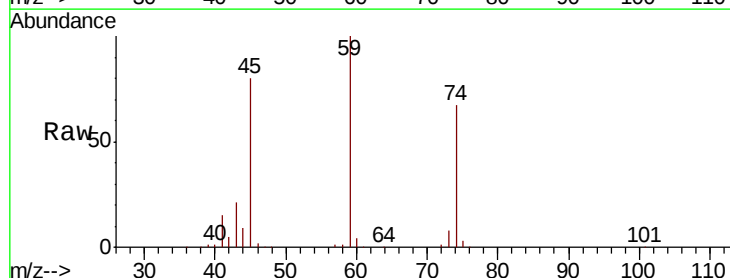
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



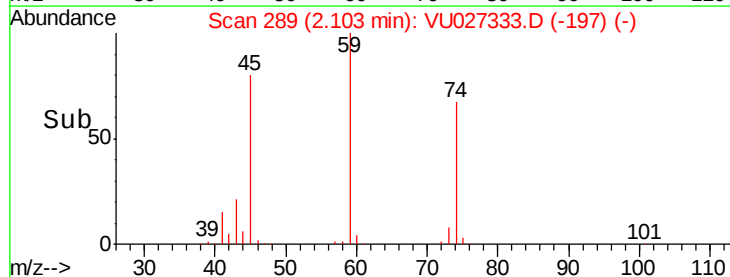
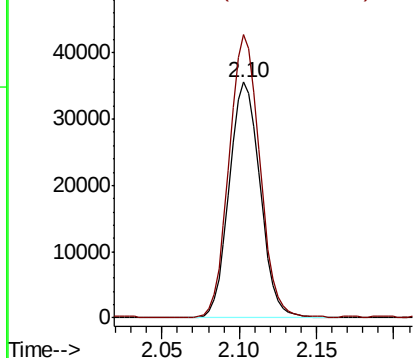
#8

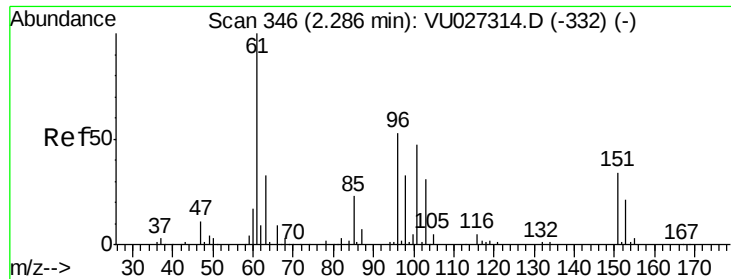
Diethyl Ether
Concen: 50.150 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion: 74 Resp: 49194
Ion Ratio Lower Upper
74 100
45 119.7 60.4 181.1



Abundance Ion 74.00 (73.70 to 74.70): VU0
Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.275 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

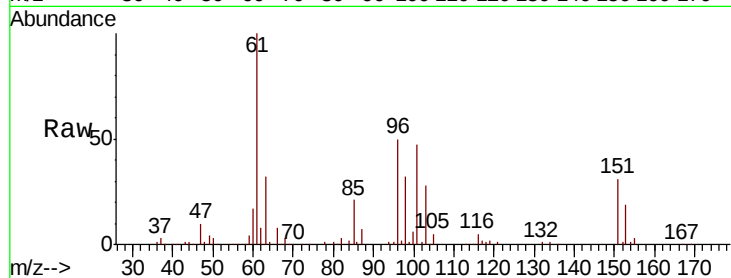
Tot Ion:101 Resp: 63410

Ion Ratio Lower Upper

101 100

85 45.2 37.5 56.3

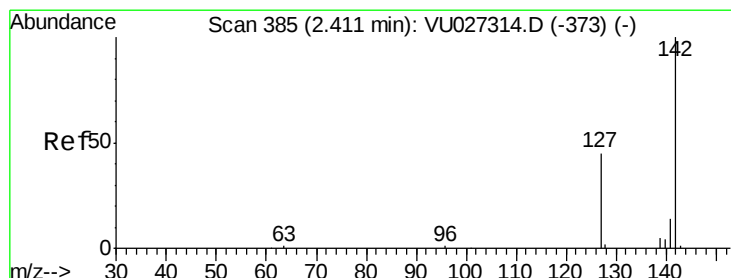
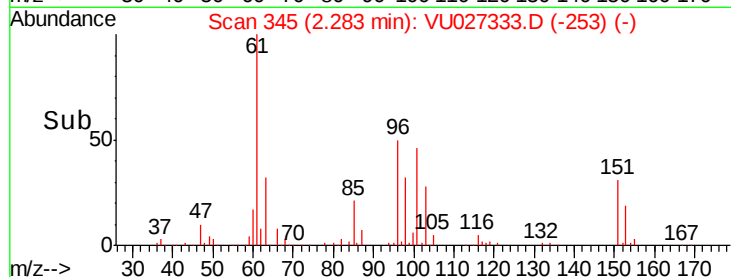
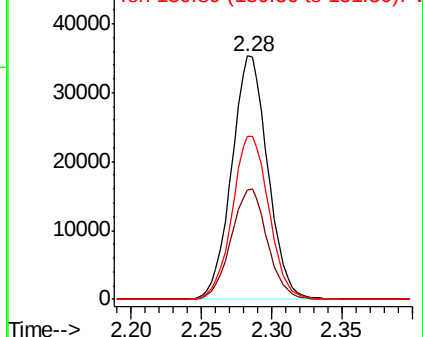
151 67.9 55.6 83.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 36.364 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

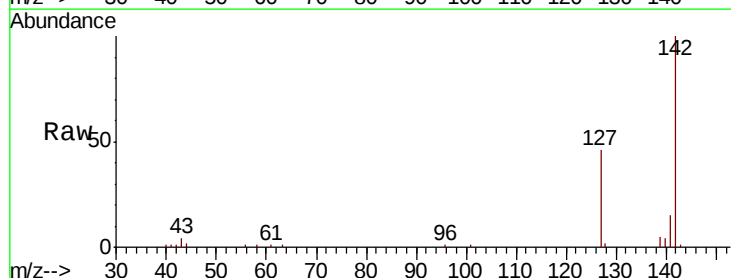
Tgt Ion:142 Resp: 36403

Ion Ratio Lower Upper

142 100

127 46.0 36.3 54.5

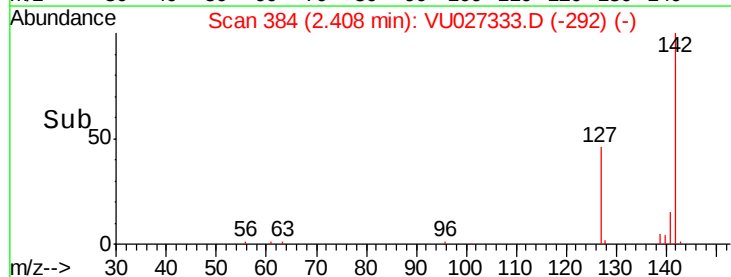
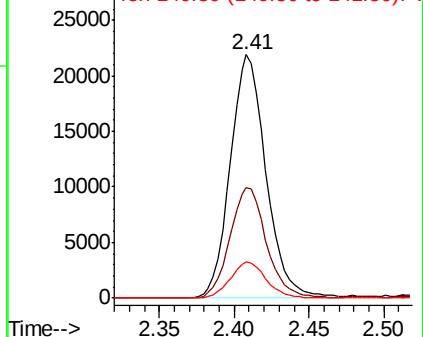
141 14.6 11.6 17.4

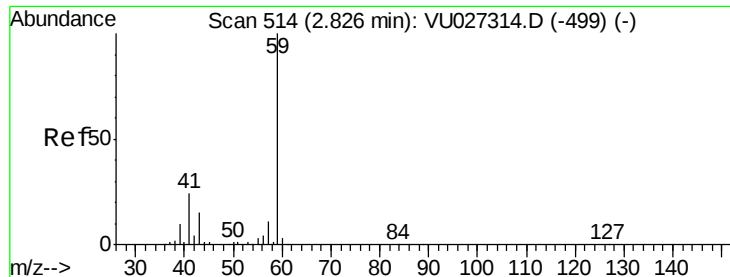


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

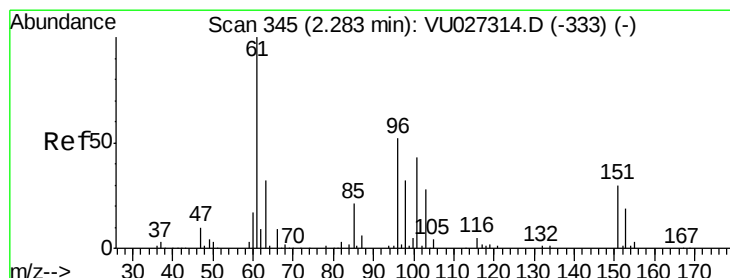
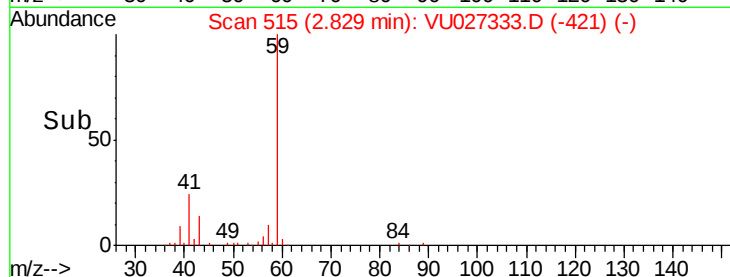
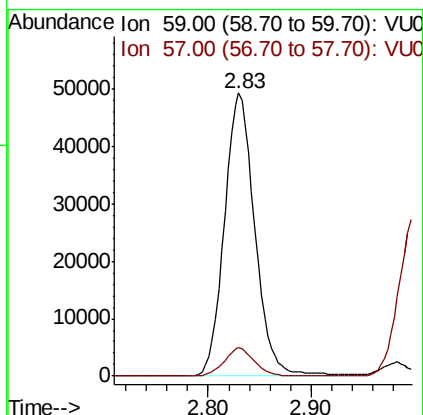
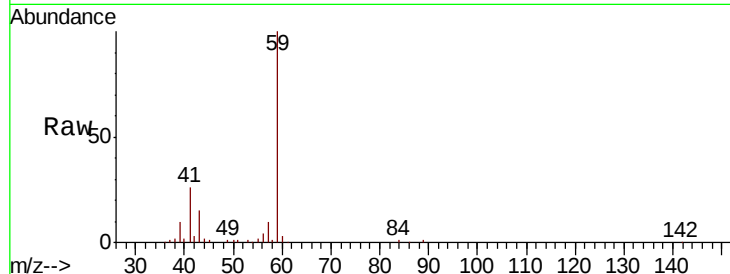




#11
Tert butyl alcohol
Concen: 251.993 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

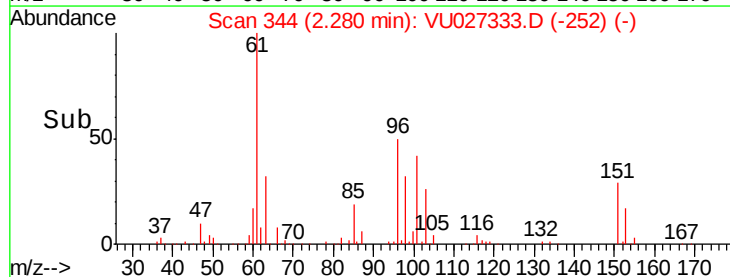
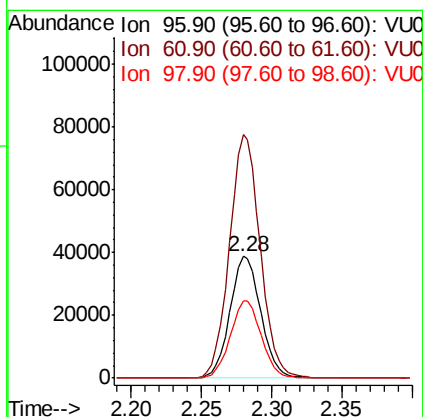
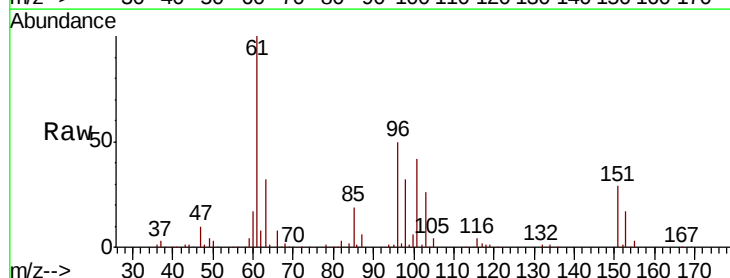
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

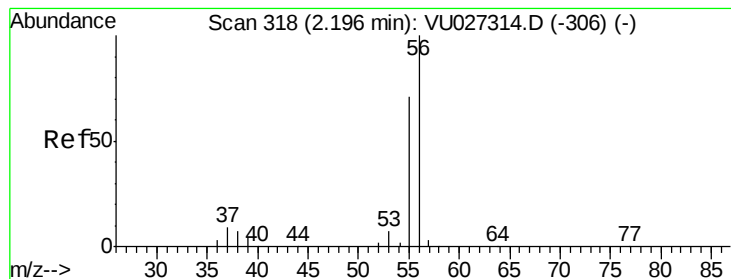
Tot Ion: 59 Resp: 101356
Ion Ratio Lower Upper
59 100
57 9.9 8.4 12.6



#12
1,1-Dichloroethene
Concen: 49.238 ug/l
RT: 2.28 min Scan# 344
Delta R.T. -0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion: 96 Resp: 59491
Ion Ratio Lower Upper
96 100
61 200.5 153.0 229.6
98 63.3 49.3 73.9





#13

Acrolein

Concen: 234.834 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

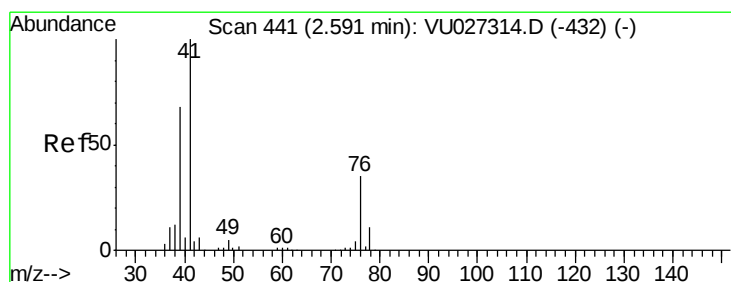
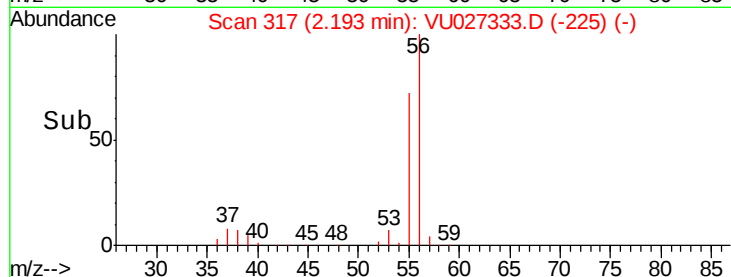
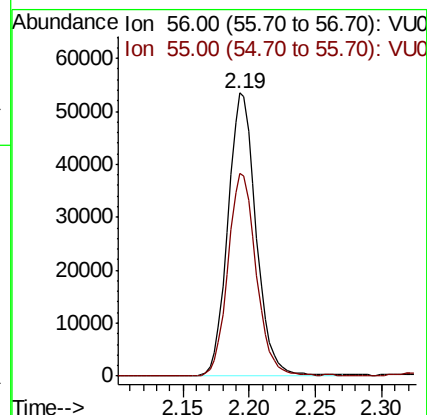
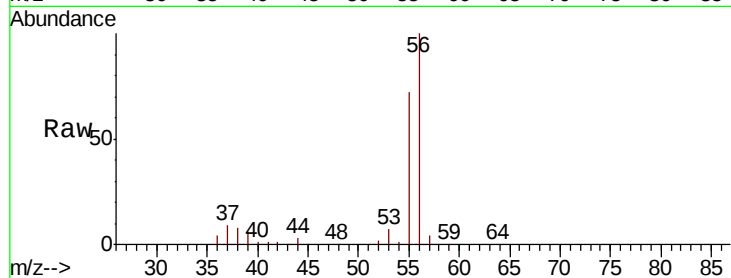
VSTDCCC050EC

Tot Ion: 56 Resp: 79257

Ion Ratio Lower Upper

56 100

55 71.6 57.7 86.5



#14

Allyl chloride

Concen: 49.411 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

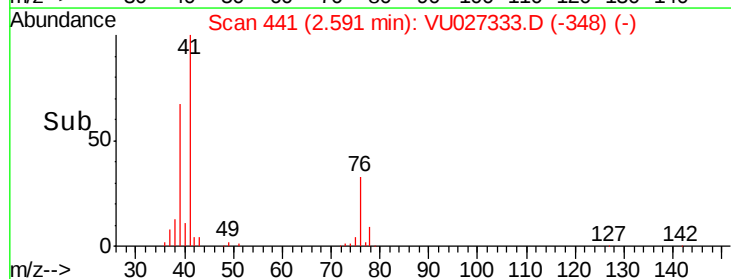
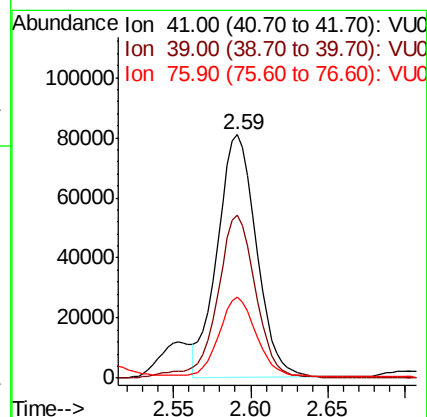
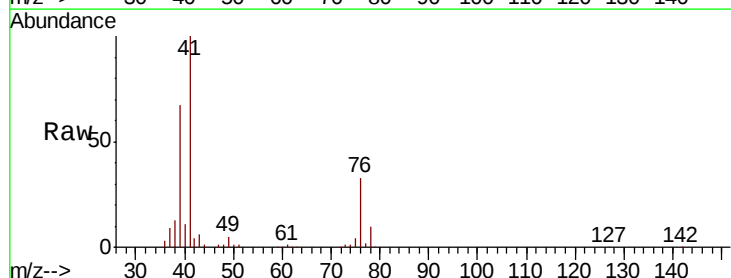
Tgt Ion: 41 Resp: 141768

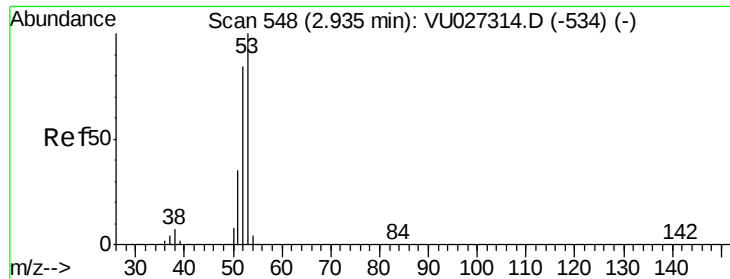
Ion Ratio Lower Upper

41 100

39 66.8 51.8 77.8

76 31.7 25.9 38.9





#15

Acrylonitrile

Concen: 266.392 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

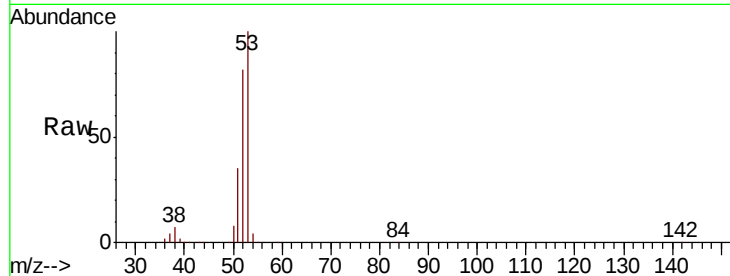
Tot Ion: 53 Resp: 278876

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

51 34.5 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VU027333.D (-534) (-)

Ion 52.00 (51.70 to 52.70): VU027333.D (-534) (-)

Ion 51.00 (50.70 to 51.70): VU027333.D (-534) (-)

2.94

150000

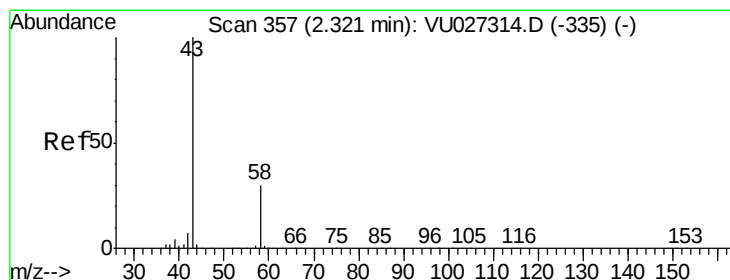
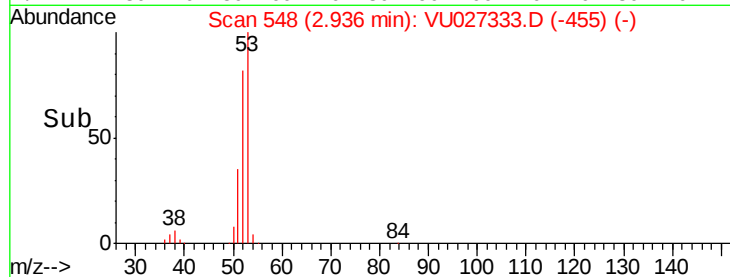
100000

50000

0

2.90 3.00

Time-->



#16

Acetone

Concen: 218.375 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027333.D

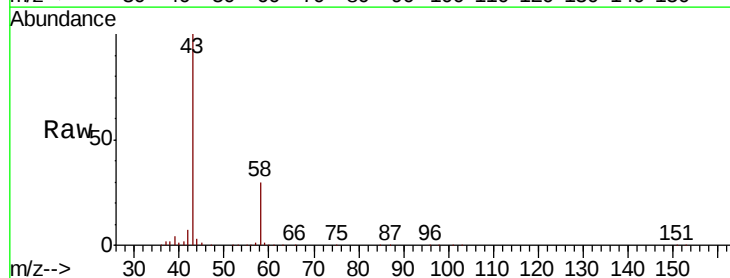
Acq: 01 Oct 2018 21:06

Tgt Ion: 43 Resp: 246406

Ion Ratio Lower Upper

43 100

58 30.2 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027333.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU027333.D (-264) (-)

2.32

150000

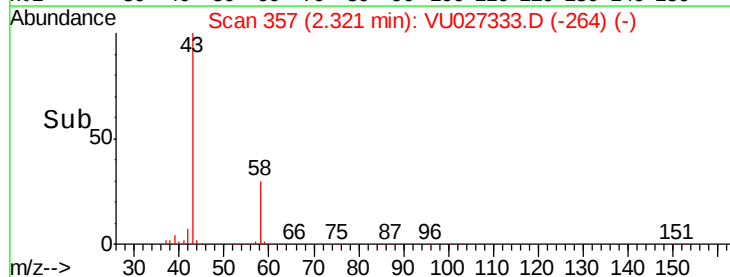
100000

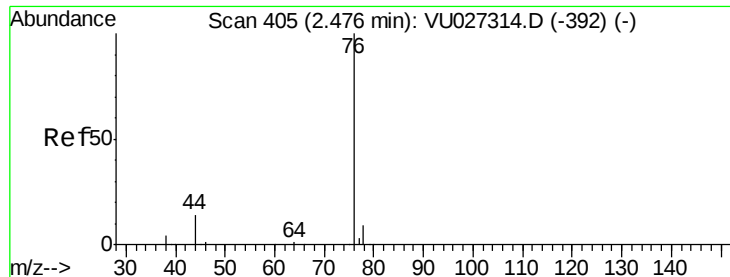
50000

0

2.20 2.30 2.40

Time-->

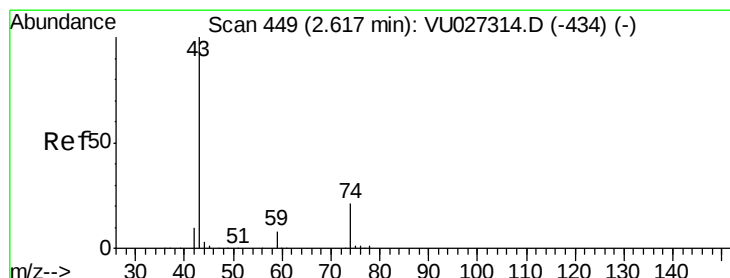
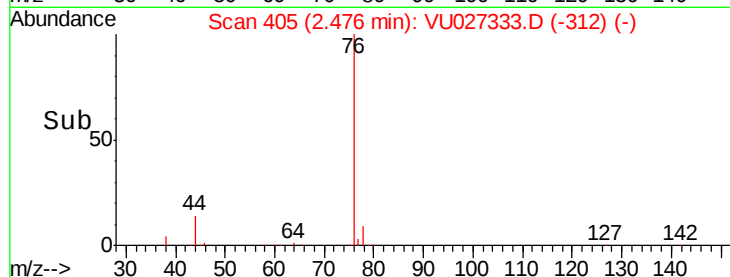
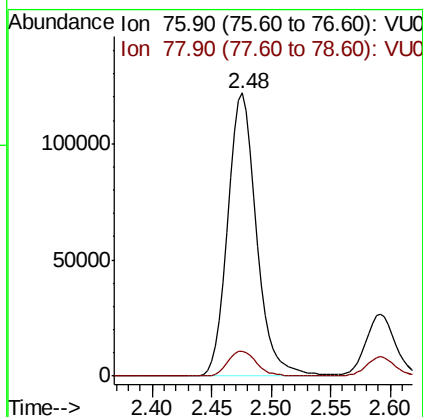
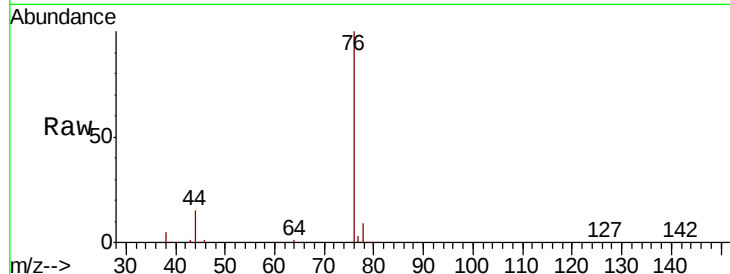




#17
Carbon Disulfide
Concen: 47.051 ug/l
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

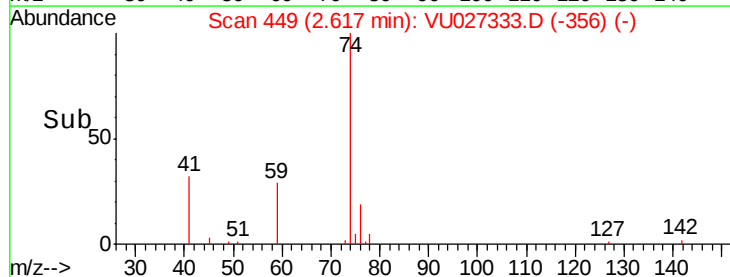
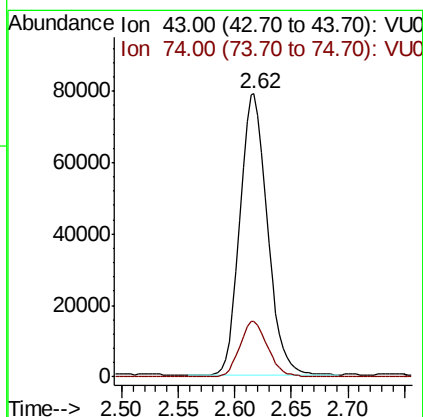
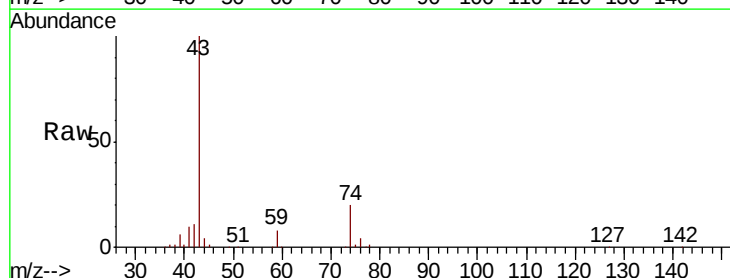
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

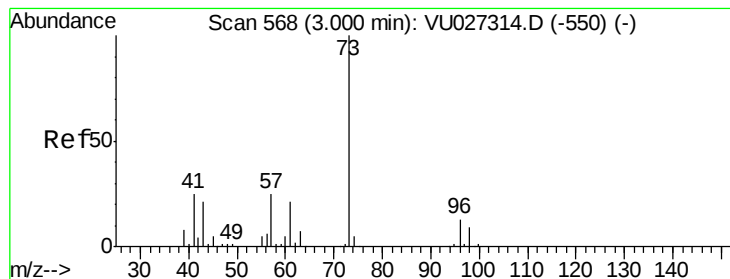
Tot Ion: 76 Resp: 205030
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 52.260 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion: 43 Resp: 134521
Ion Ratio Lower Upper
43 100
74 20.1 16.5 24.7



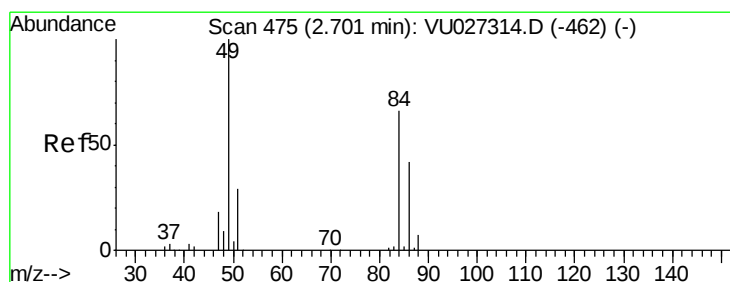
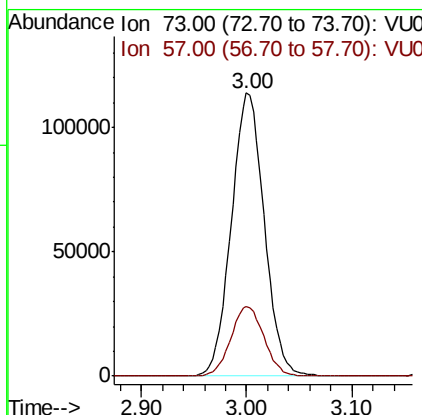
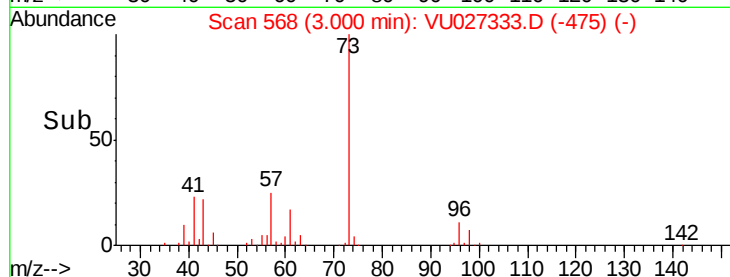
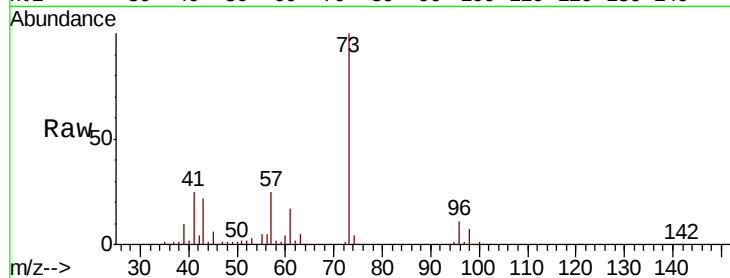


#19

Methyl tert-butyl Ether
 Concen: 50.884 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

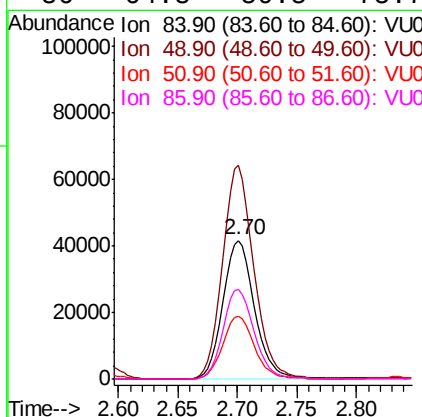
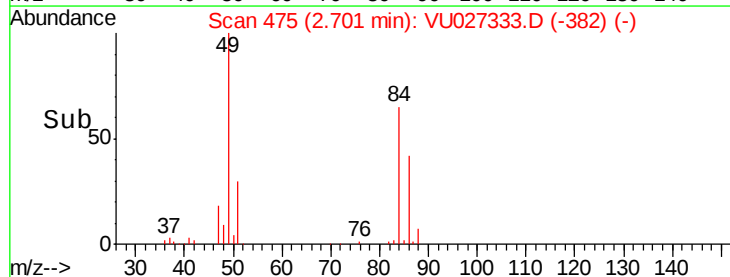
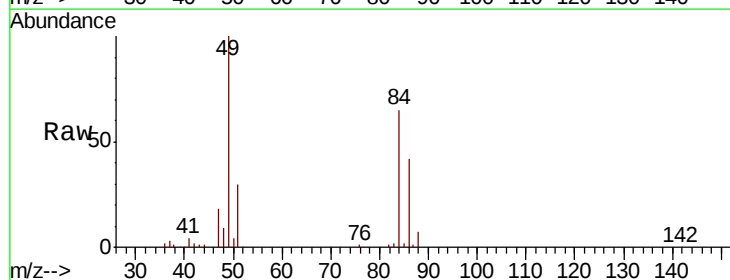
Tot Ion: 73 Resp: 246342
 Ion Ratio Lower Upper
 73 100
 57 24.7 20.0 30.0

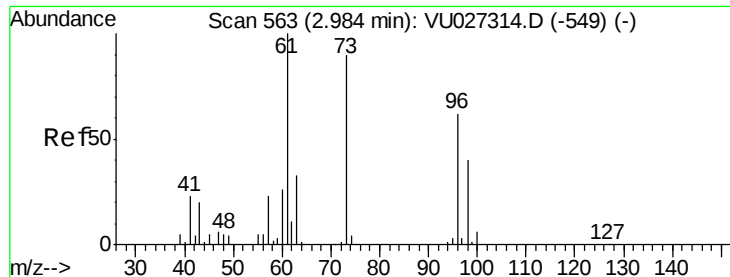


#20

Methylene Chloride
 Concen: 48.706 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Tgt Ion: 84 Resp: 76554
 Ion Ratio Lower Upper
 84 100
 49 153.8 120.5 180.7
 51 45.6 35.1 52.7
 86 64.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.270 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

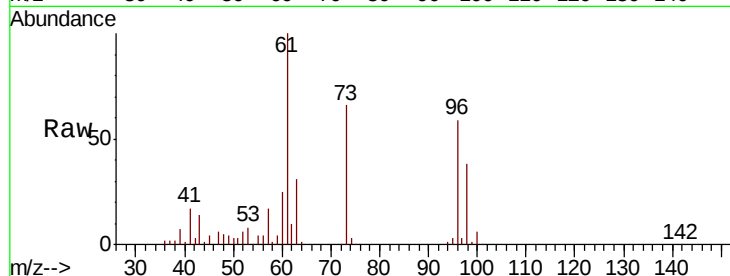
Tot Ion: 96 Resp: 66834

Ion Ratio Lower Upper

96 100

61 169.6 129.4 194.2

98 64.6 51.2 76.8

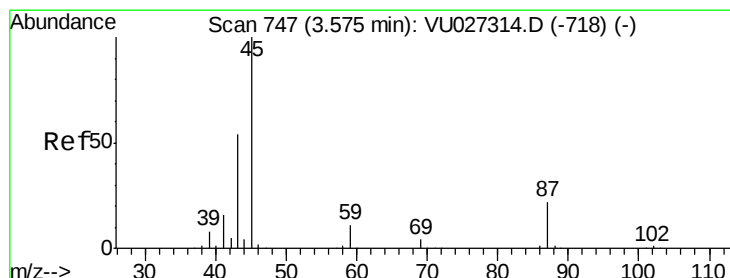
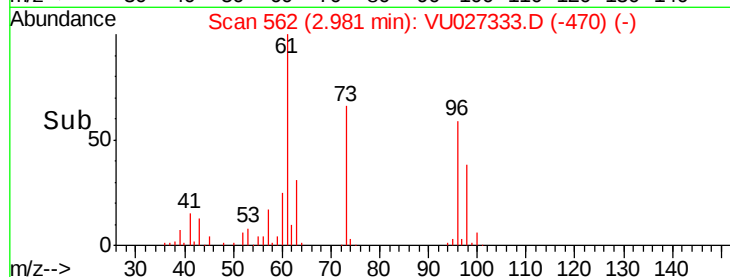
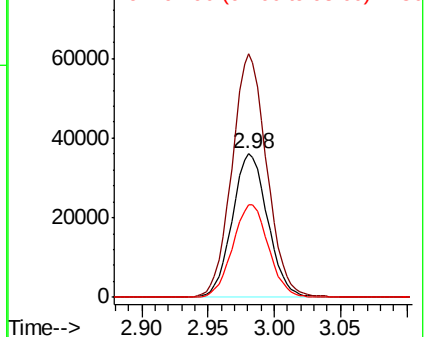


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 52.473 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Tgt Ion: 45 Resp: 305999

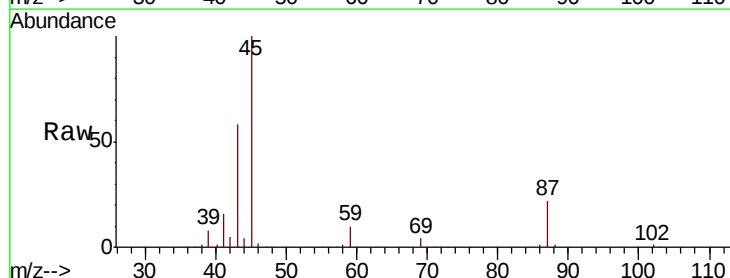
Ion Ratio Lower Upper

45 100

43 55.4 43.4 65.2

87 21.7 17.5 26.3

59 10.4 8.6 13.0



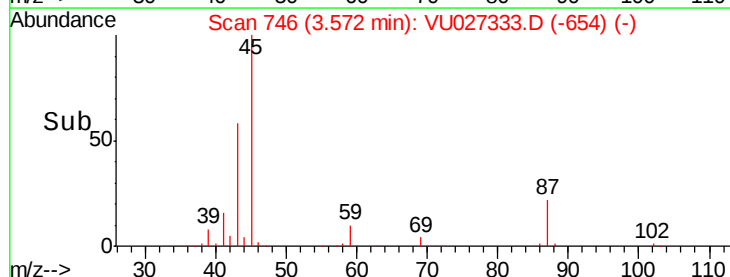
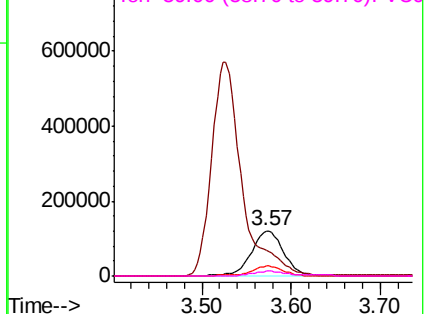
Abundance

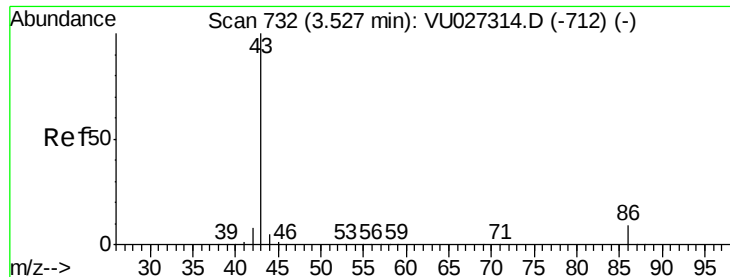
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 266.048 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

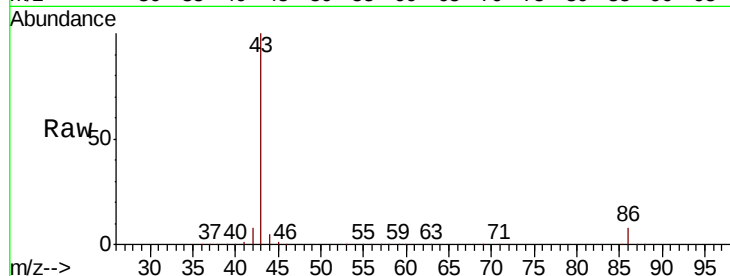
VSTDCCC050EC

Tot Ion: 43 Resp: 1354921

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.52

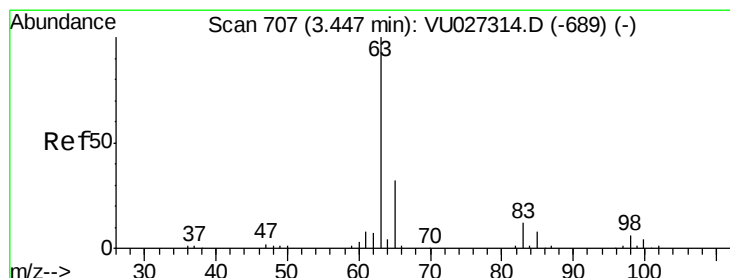
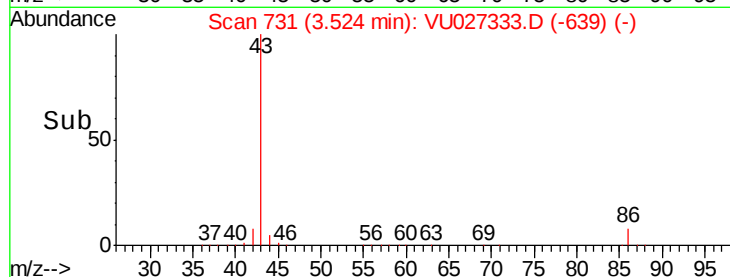
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.937 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

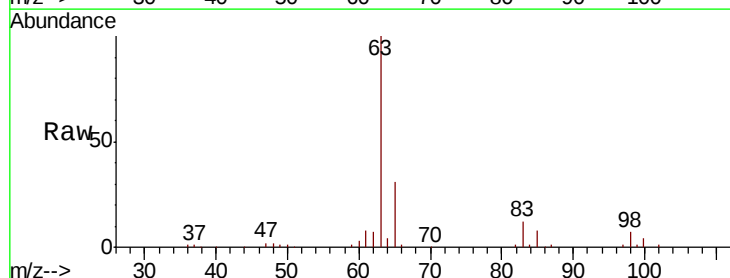
Tgt Ion: 63 Resp: 155703

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 3.6 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

3.45

80000

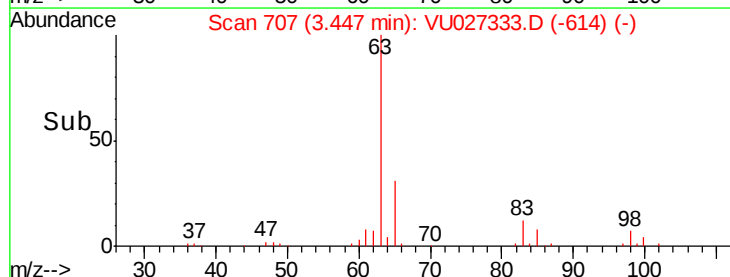
60000

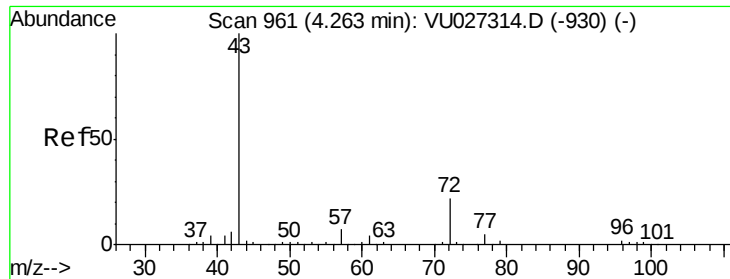
40000

20000

0

Time-->





#25

2-Butanone

Concen: 260.389 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

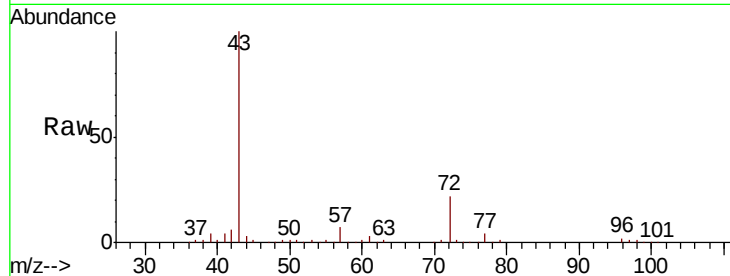
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 400660

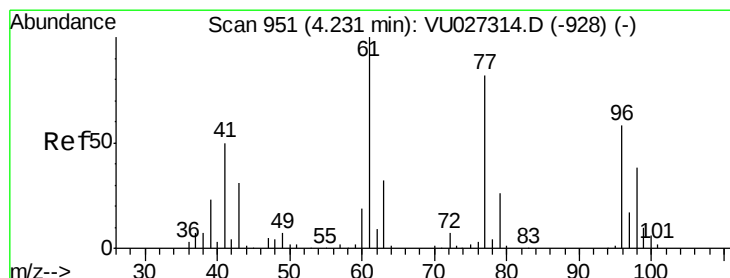
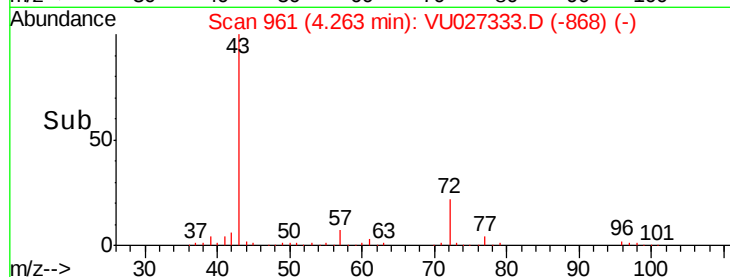
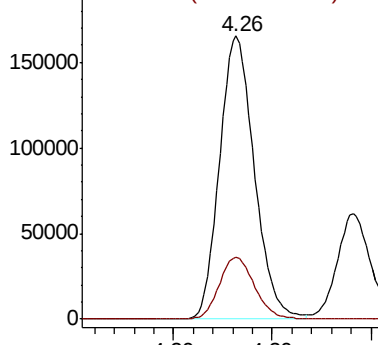
Ion Ratio Lower Upper

43 100

72 22.0 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 45.887 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027333.D

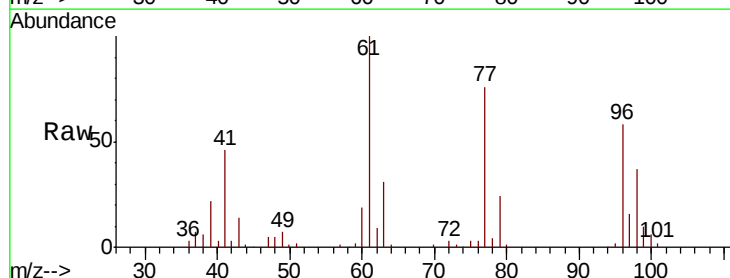
Acq: 01 Oct 2018 21:06

Tgt Ion: 77 Resp: 113036

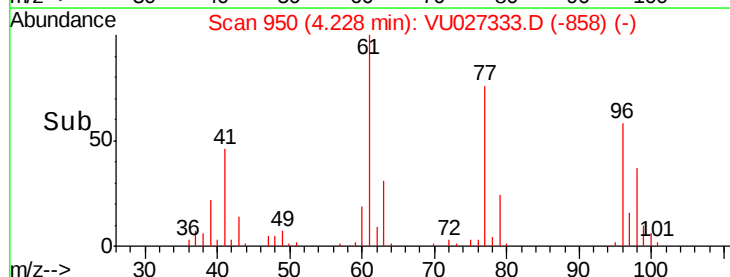
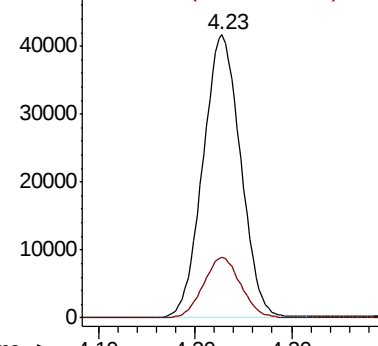
Ion Ratio Lower Upper

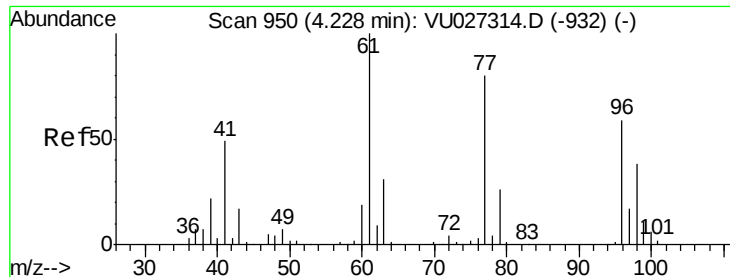
77 100

97 21.2 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0
Ion 96.90 (96.60 to 97.60): VU0



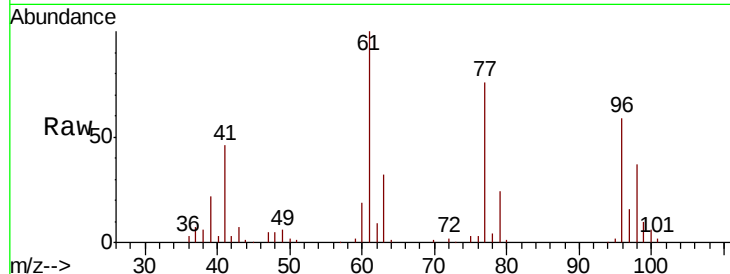


#27

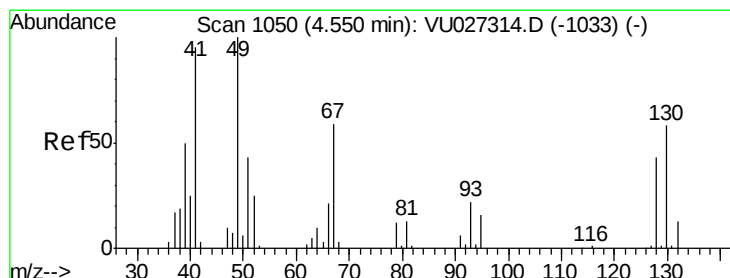
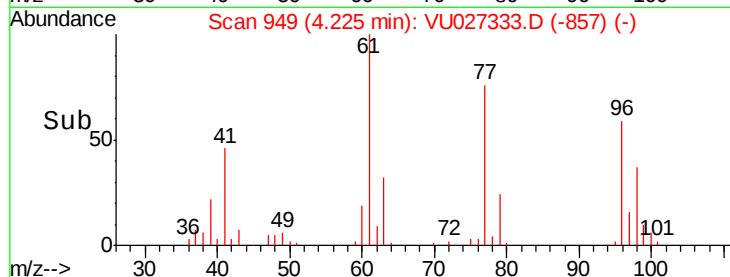
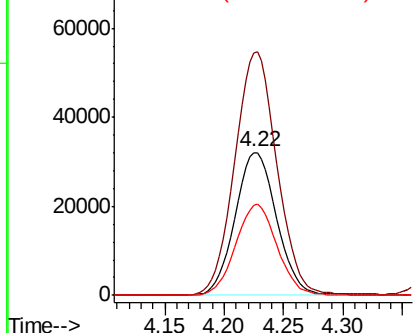
cis-1,2-Dichloroethene
 Concen: 50.049 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 77640
 Ion Ratio Lower Upper
 96 100
 61 173.3 0.0 343.8
 98 63.3 0.0 129.0



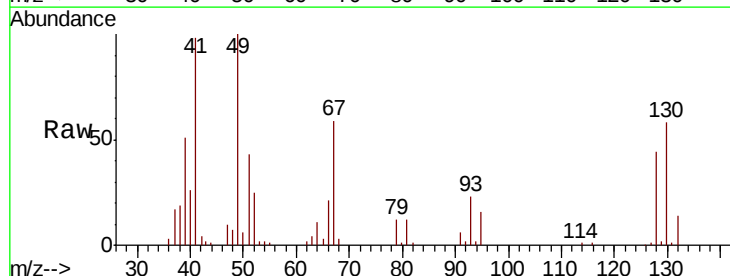
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



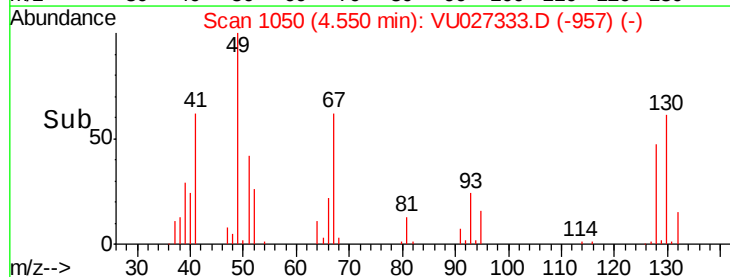
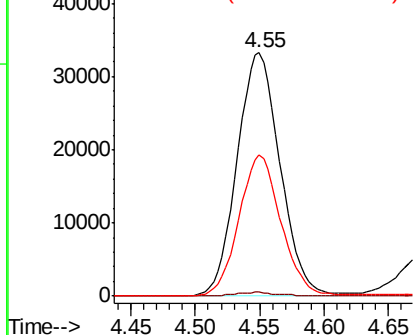
#28

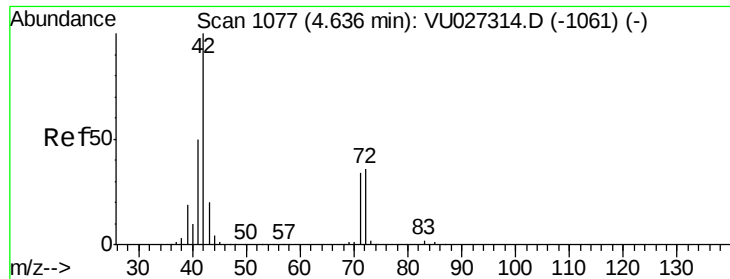
Bromochloromethane
 Concen: 53.397 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Tgt Ion: 49 Resp: 77231
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 56.9 46.1 69.1



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 271.219 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

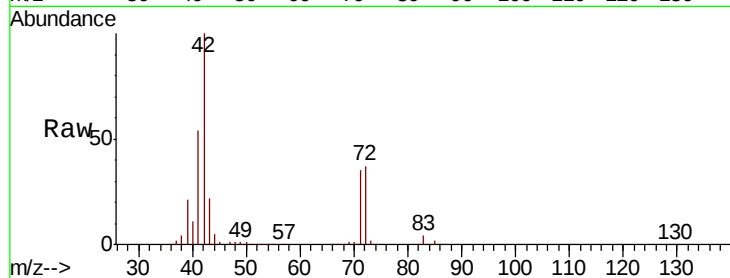
Tot Ion: 42 Resp: 263003

Ion Ratio Lower Upper

42 100

72 37.1 30.1 45.1

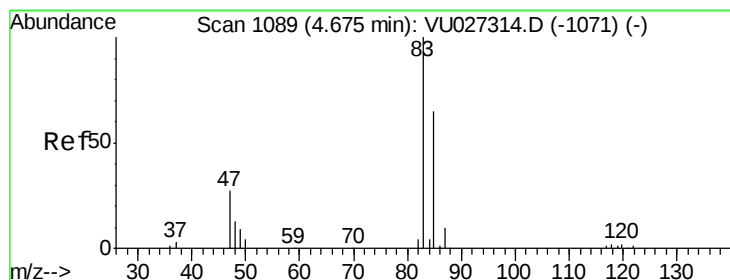
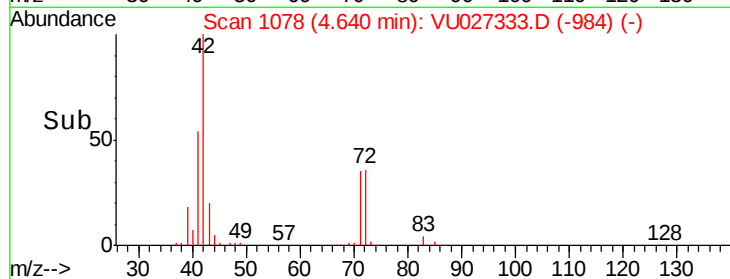
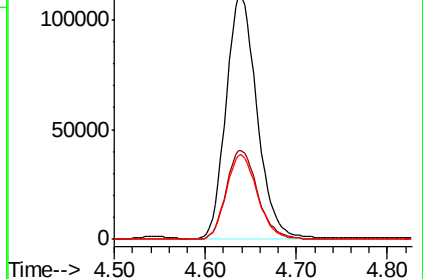
71 34.9 27.7 41.5



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 51.913 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027333.D

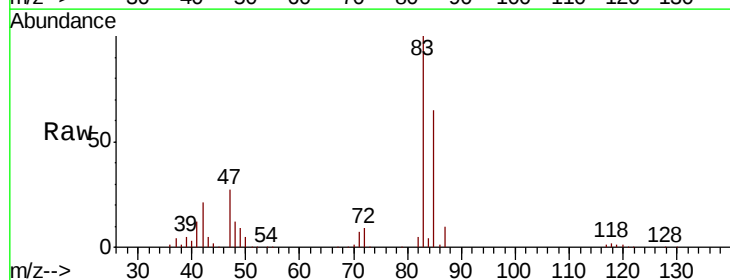
Acq: 01 Oct 2018 21:06

Tgt Ion: 83 Resp: 138272

Ion Ratio Lower Upper

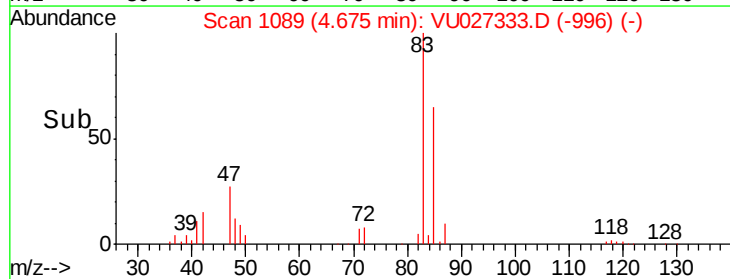
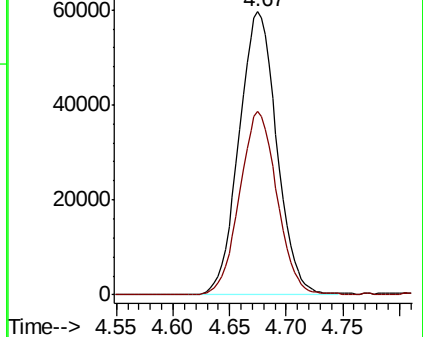
83 100

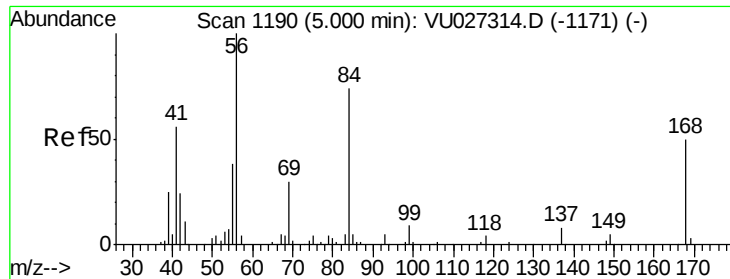
85 64.9 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

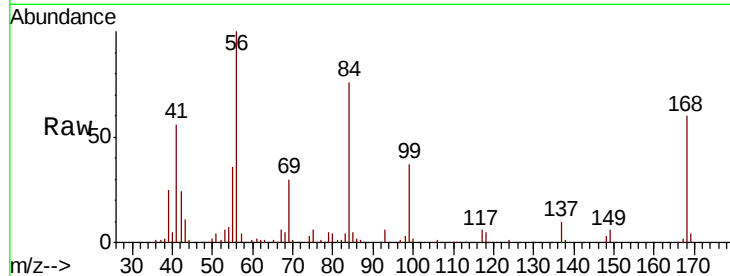




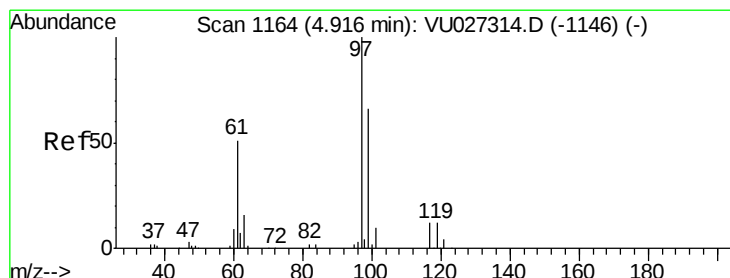
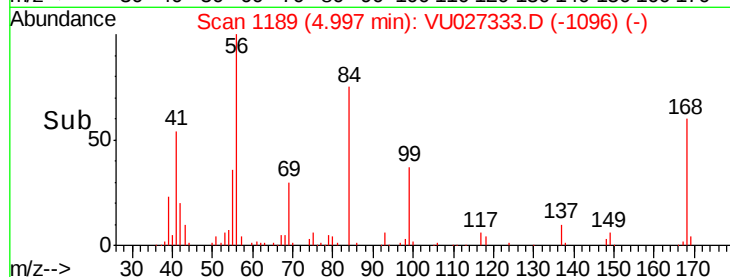
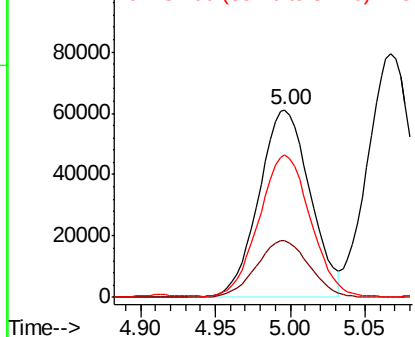
#31
Cyclohexane
Concen: 47.460 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 145423
Ion Ratio Lower Upper
56 100
69 30.1 24.1 36.1
84 74.8 59.1 88.7

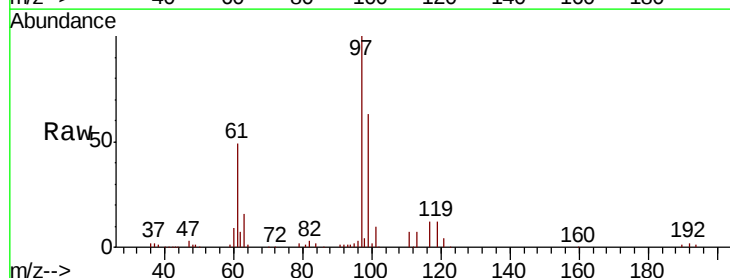


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

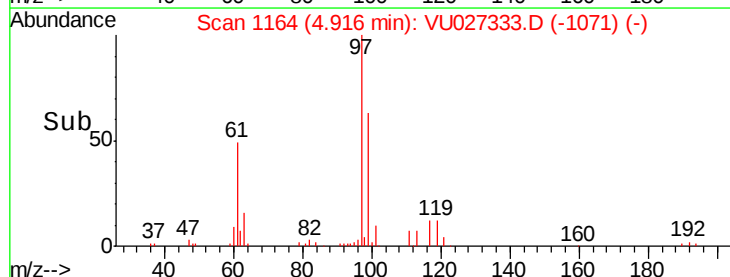
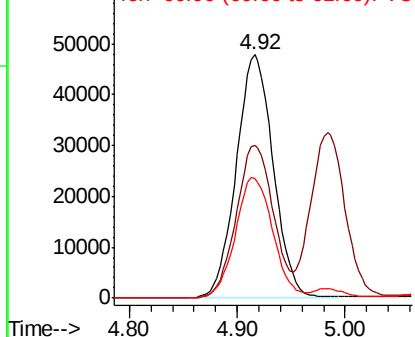


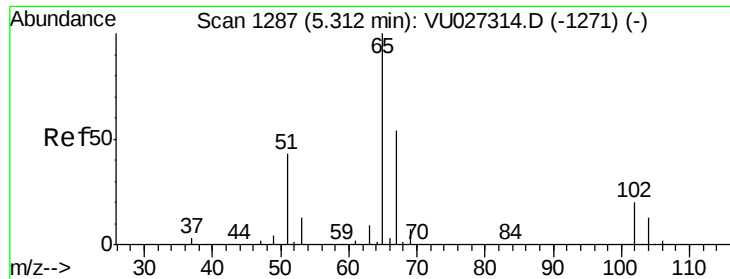
#32
1,1,1-Trichloroethane
Concen: 51.034 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion: 97 Resp: 114482
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 50.1 39.6 59.4



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 48.876 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

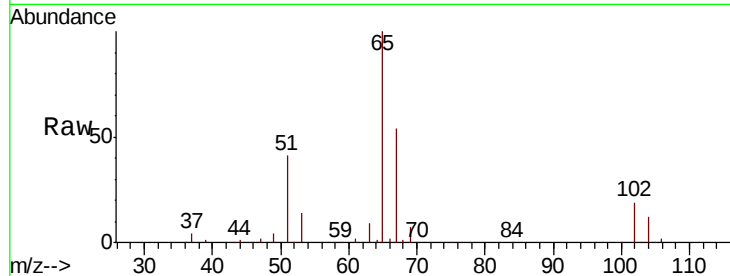
VSTDCCC050EC

Tot Ion: 65 Resp: 93354

Ion Ratio Lower Upper

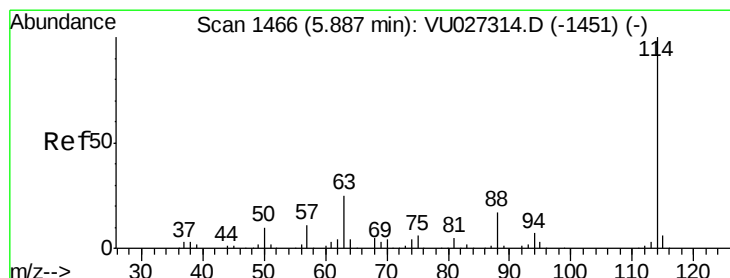
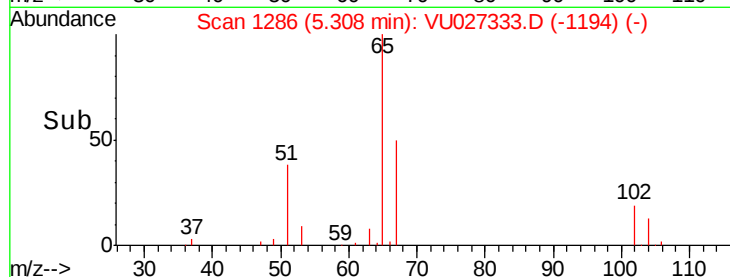
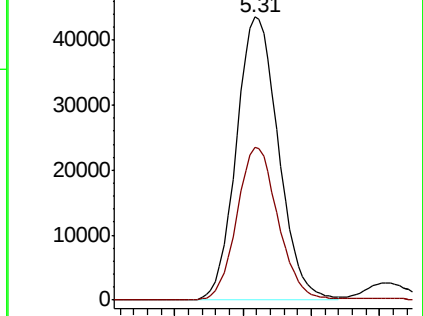
65 100

67 52.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

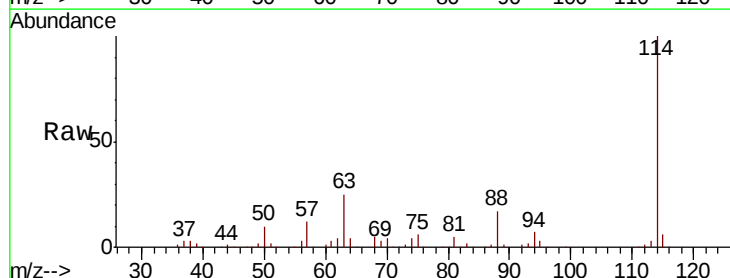
Tgt Ion: 114 Resp: 195524

Ion Ratio Lower Upper

114 100

63 25.1 0.0 50.2

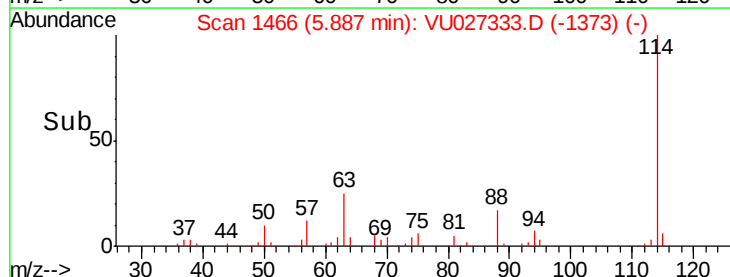
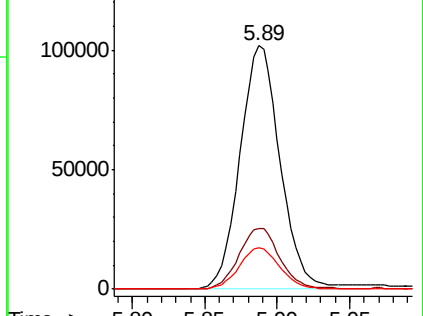
88 16.8 0.0 33.8

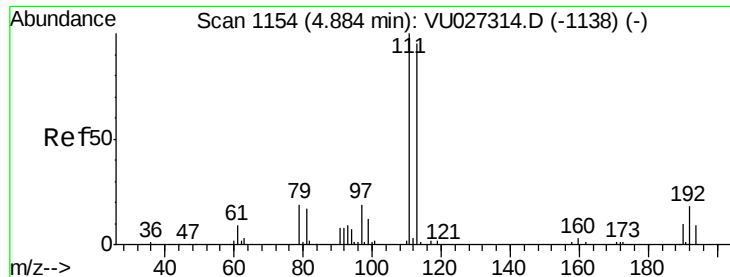


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

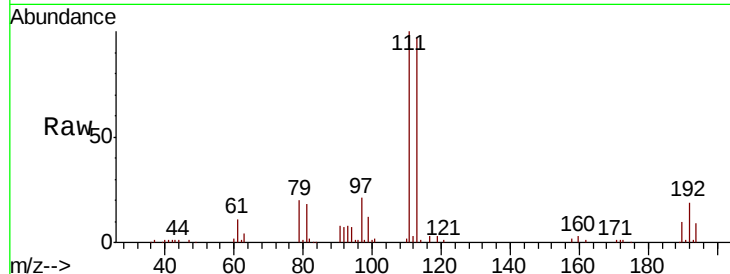




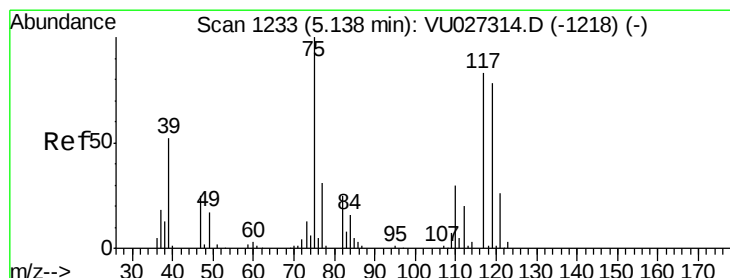
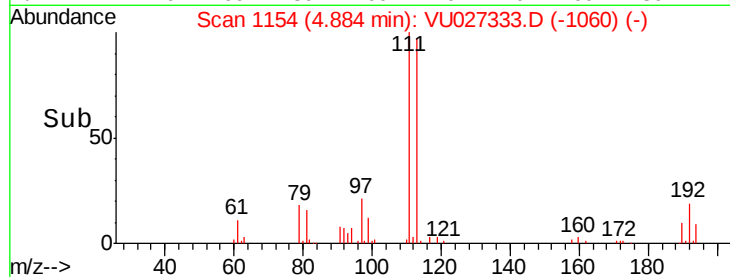
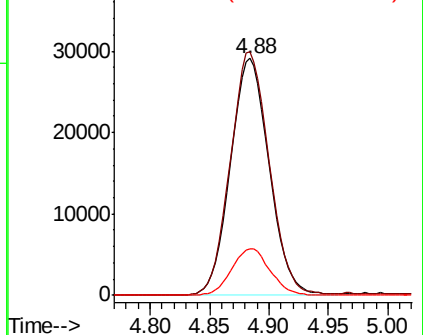
#35
 Dibromofluoromethane
 Concen: 49.137 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 65843
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.1 124.7
 192 19.5 15.4 23.0

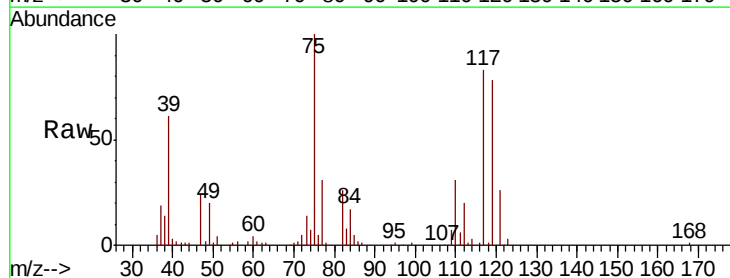


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

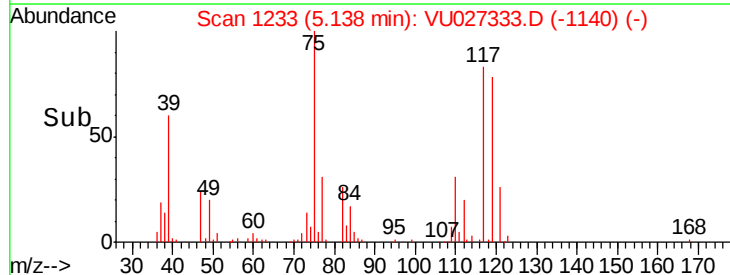
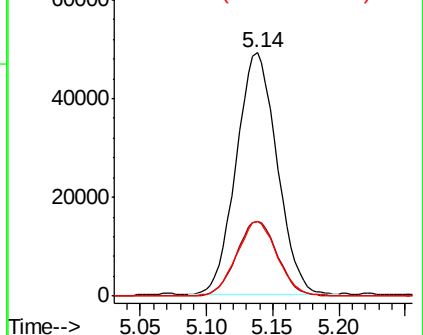


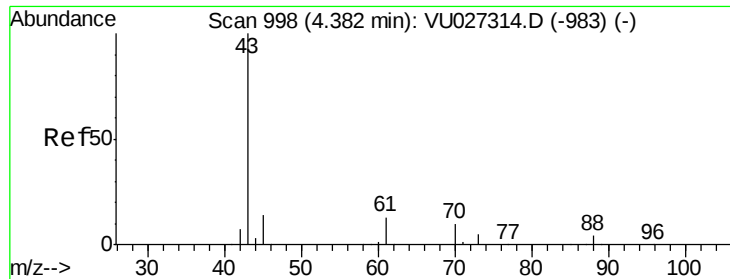
#36
 1,1-Dichloropropene
 Concen: 49.387 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Tgt Ion: 75 Resp: 104847
 Ion Ratio Lower Upper
 75 100
 110 31.3 15.5 46.5
 77 31.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 53.329 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

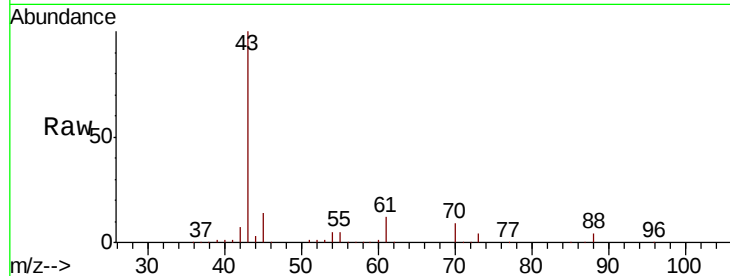
Tot Ion: 43 Resp: 146318

Ion Ratio Lower Upper

43 100

61 12.5 10.7 16.1

70 9.0 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0

200000

150000

100000

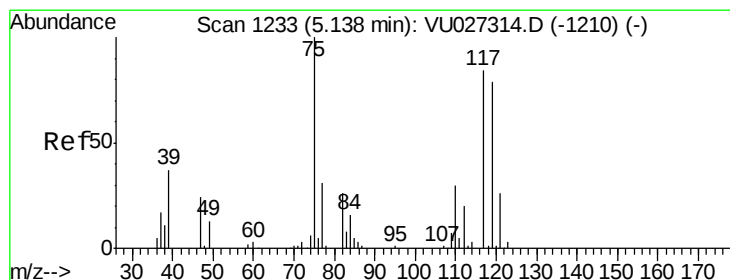
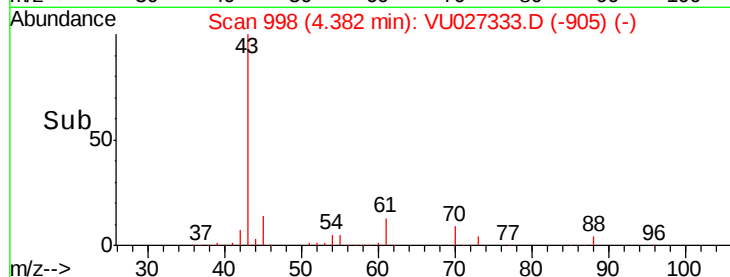
50000

0

4.38

4.30 4.40 4.50

Time-->



#38

Carbon Tetrachloride

Concen: 49.921 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

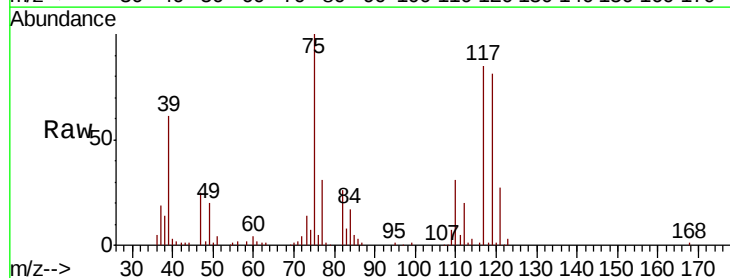
Tgt Ion: 117 Resp: 95733

Ion Ratio Lower Upper

117 100

119 94.9 74.5 111.7

121 31.2 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

50000

40000

30000

20000

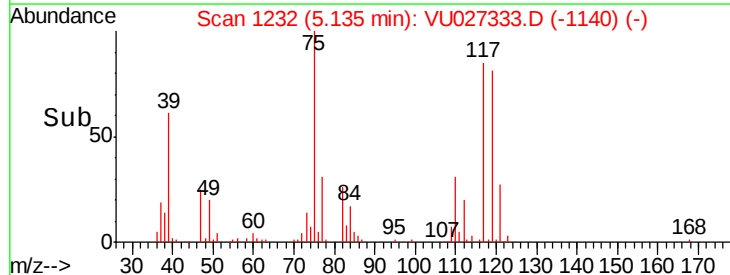
10000

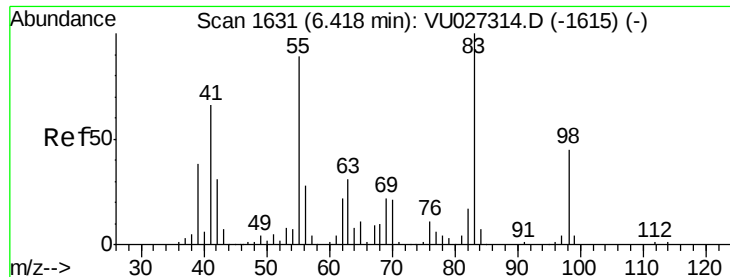
0

5.13

5.10 5.20

Time-->

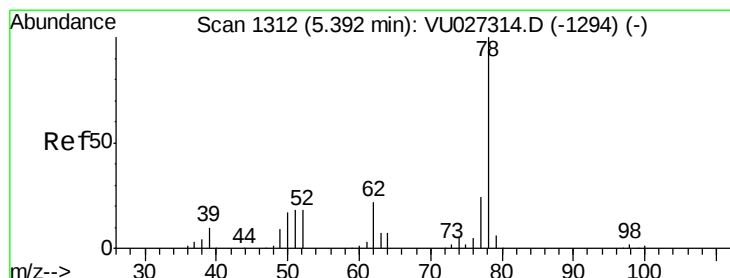
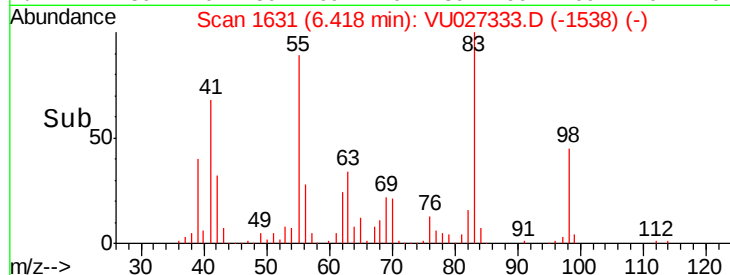
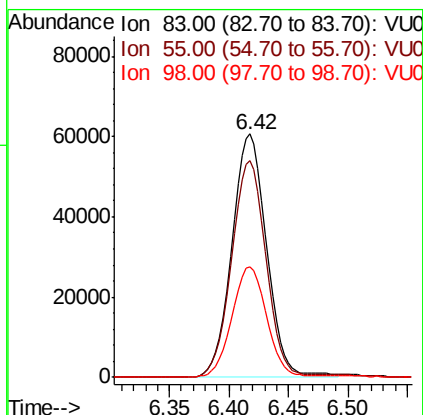
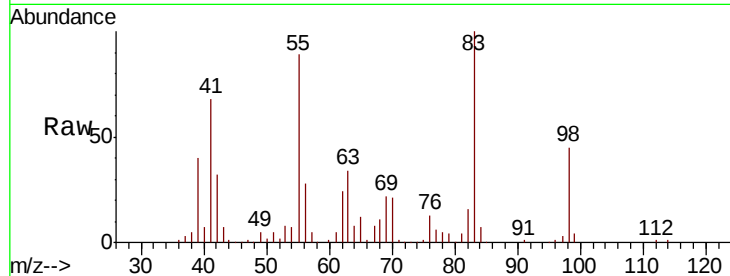




#39
Methvlcvclohexane
Concen: 49.441 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

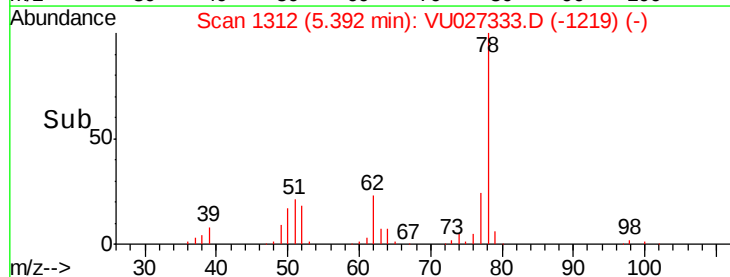
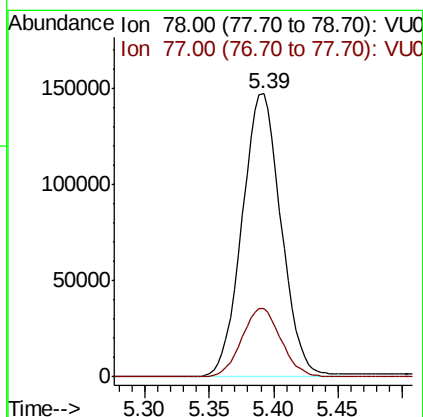
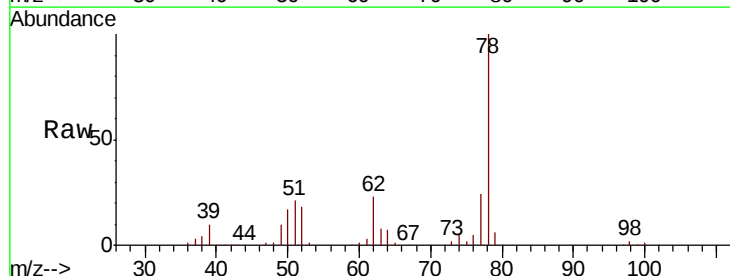
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

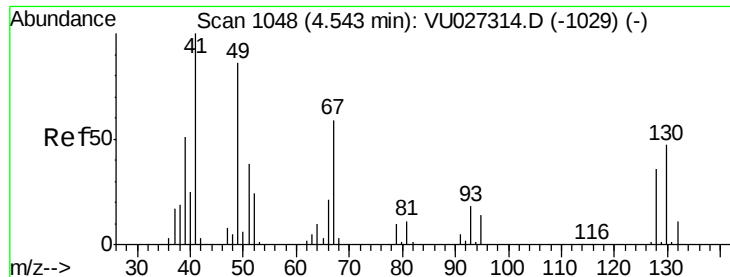
Tot Ion: 83 Resp: 122694
Ion Ratio Lower Upper
83 100
55 88.9 71.1 106.7
98 45.4 36.3 54.5



#40
Benzene
Concen: 50.365 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion: 78 Resp: 311455
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

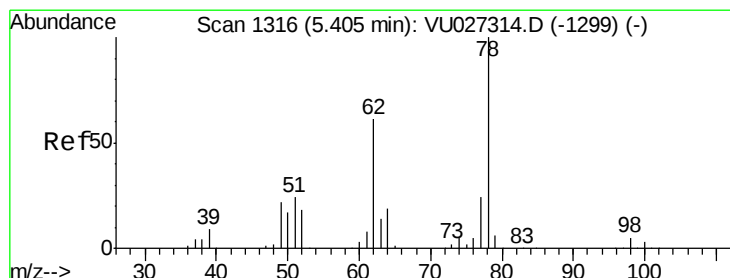
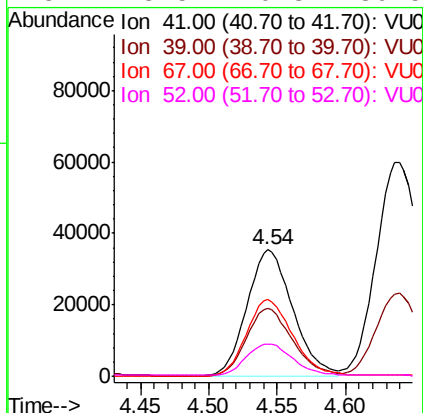
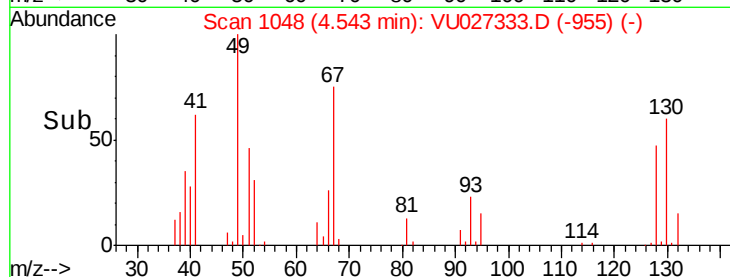
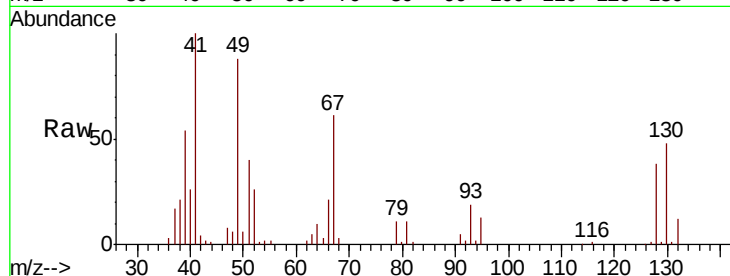




#41
Methacrylonitrile
Concen: 53.235 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

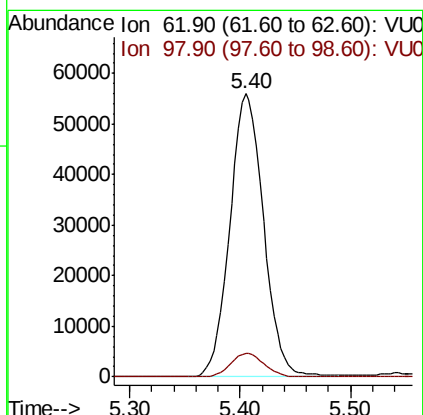
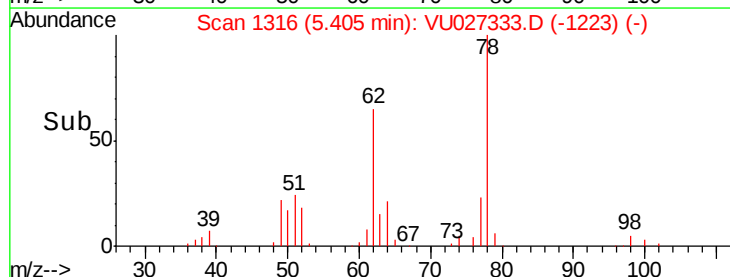
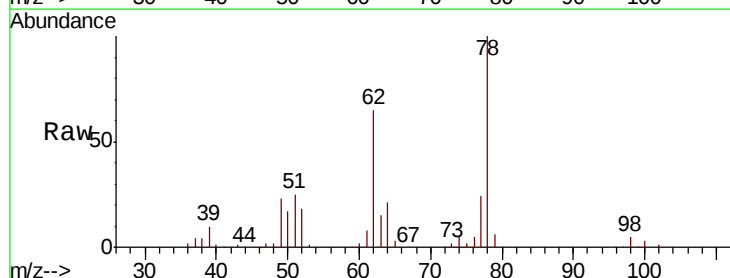
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

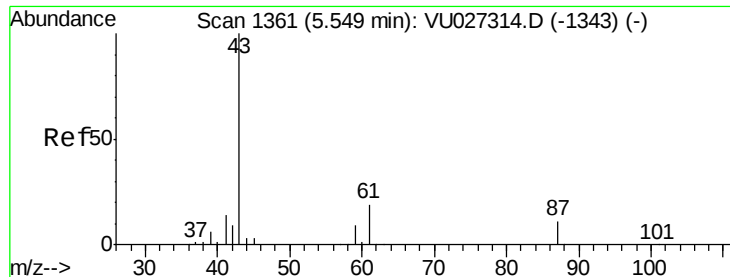
Tot Ion:	41	Resp:	82556
Ion	Ratio	Lower	Upper
41	100		
39	53.7	41.1	61.7
67	61.7	50.4	75.6
52	25.5	20.3	30.5



#42
1,2-Dichloroethane
Concen: 51.841 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion:	62	Resp:	118996
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8





#43

Isopropyl Acetate

Concen: 53.715 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

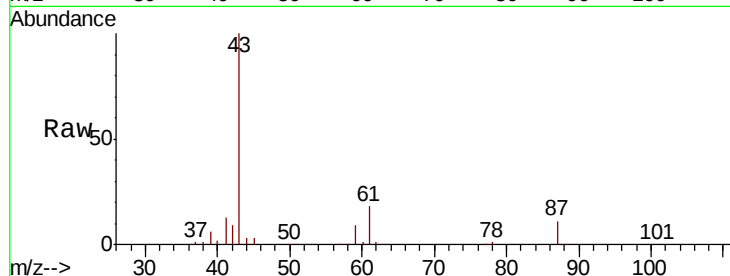
Tot Ion: 43 Resp: 228893

Ion Ratio Lower Upper

43 100

61 18.9 15.3 22.9

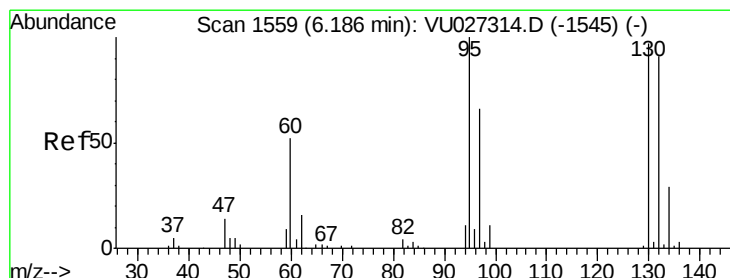
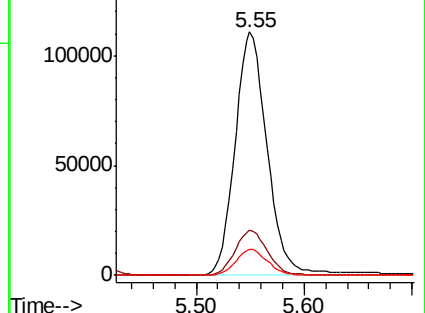
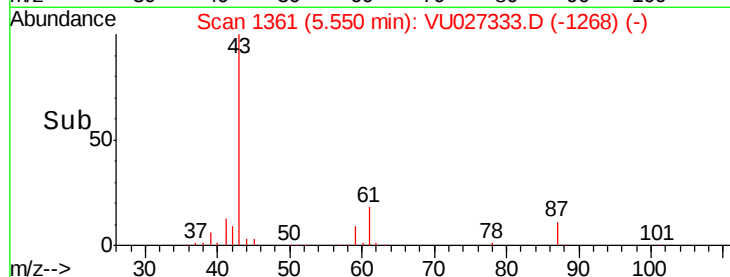
87 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027333.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU027333.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU027333.D (-1268) (-)



#44

Trichloroethene

Concen: 49.601 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027333.D

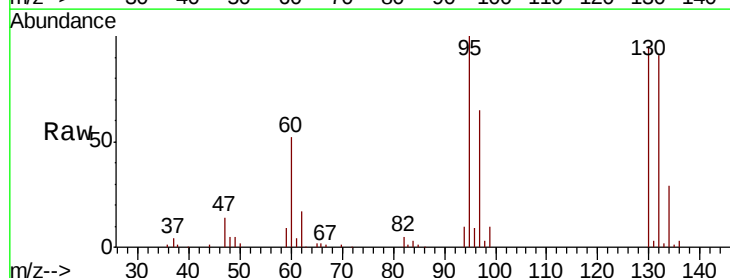
Acq: 01 Oct 2018 21:06

Tgt Ion:130 Resp: 68395

Ion Ratio Lower Upper

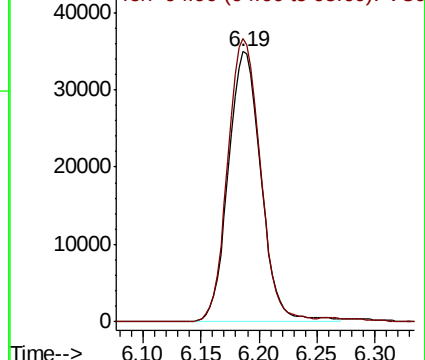
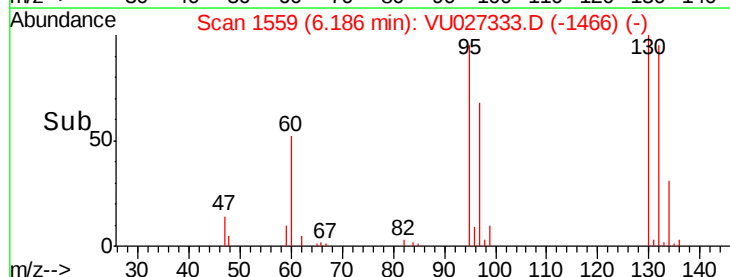
130 100

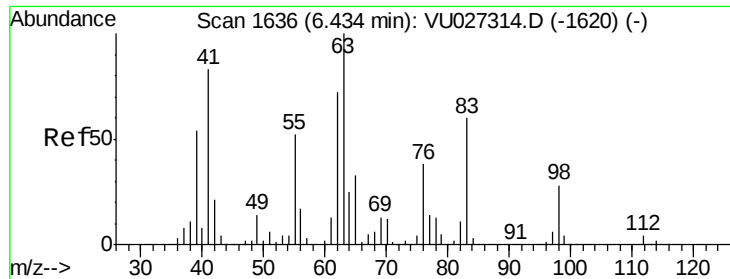
95 104.7 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027333.D (-1466) (-)

Ion 94.90 (94.60 to 95.60): VU027333.D (-1466) (-)





#45

1,2-Dichloropropane

Concen: 52.107 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

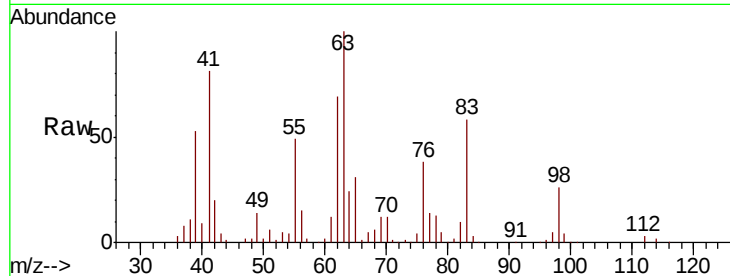
VSTDCCC050EC

Tot Ion: 63 Resp: 92940

Ion Ratio Lower Upper

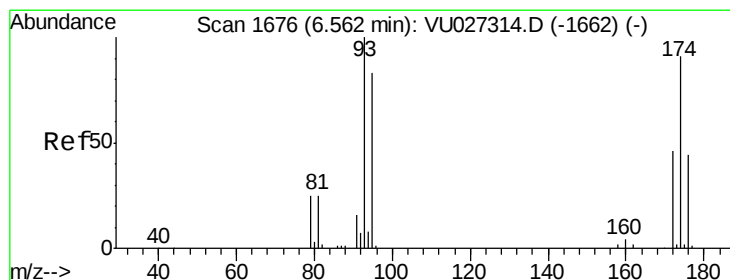
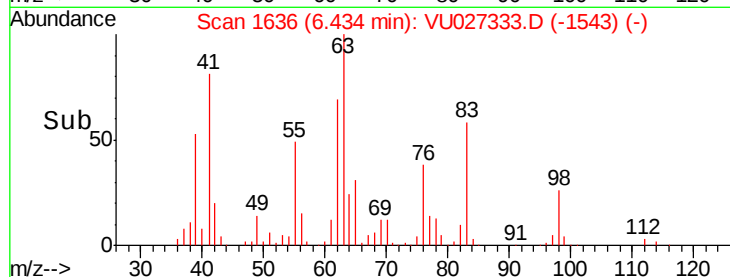
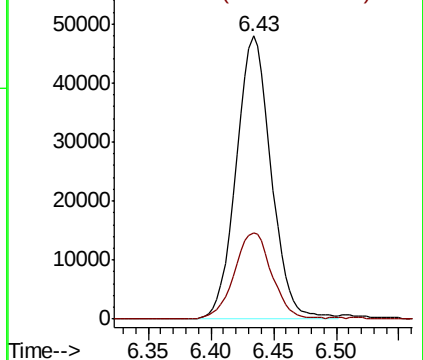
63 100

65 30.5 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 52.667 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

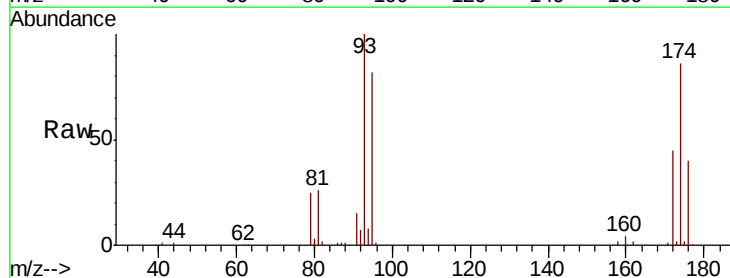
Tgt Ion: 93 Resp: 53055

Ion Ratio Lower Upper

93 100

95 82.9 66.5 99.7

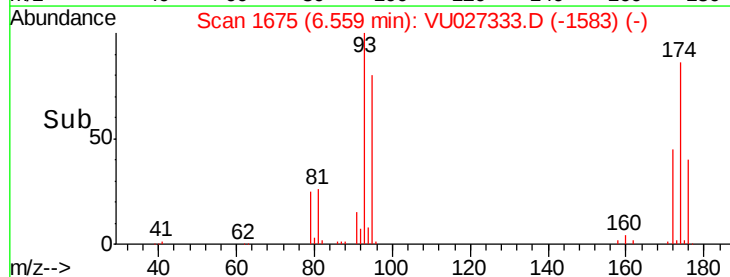
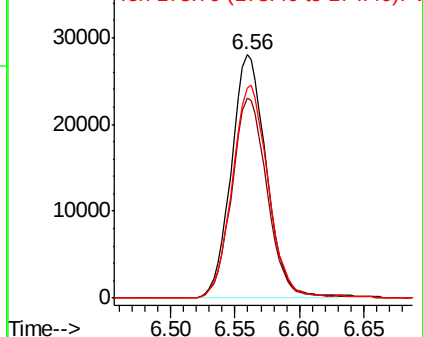
174 88.9 72.5 108.7

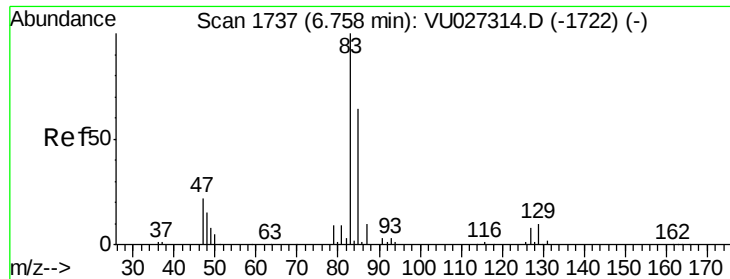


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.409 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

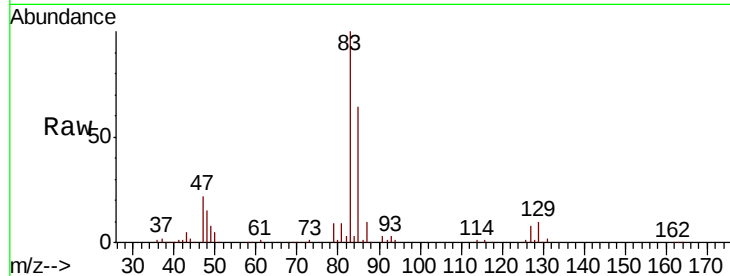
Tot Ion: 83 Resp: 107460

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.0

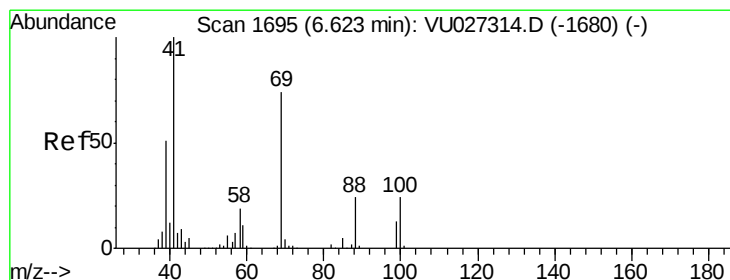
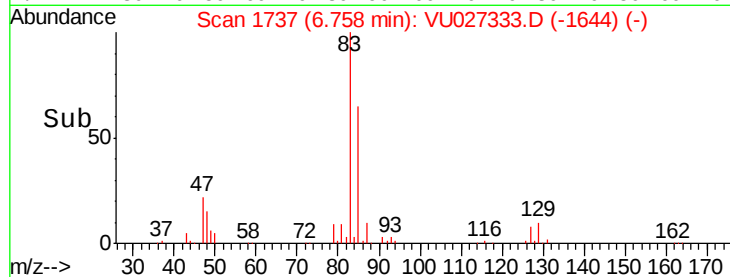
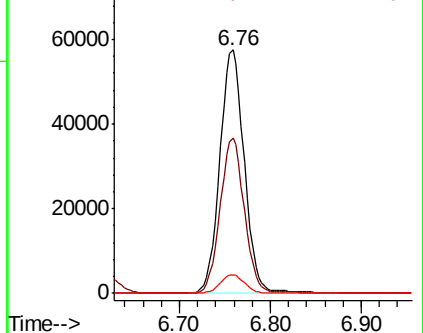
127 7.7 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): VU0



#48

Methyl methacrylate

Concen: 54.429 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

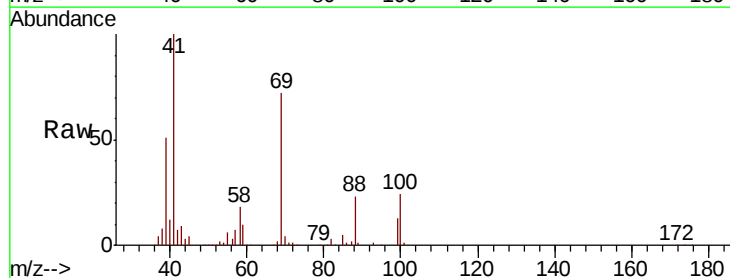
Tgt Ion: 41 Resp: 115340

Ion Ratio Lower Upper

41 100

69 75.9 61.0 91.4

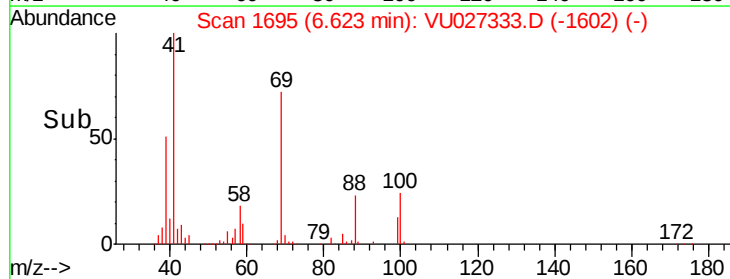
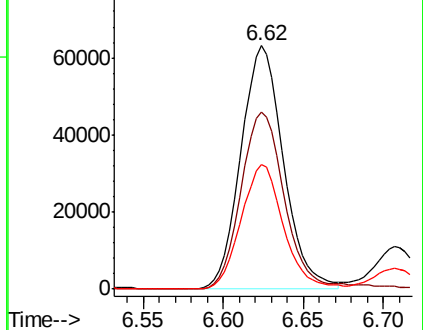
39 51.0 39.9 59.9

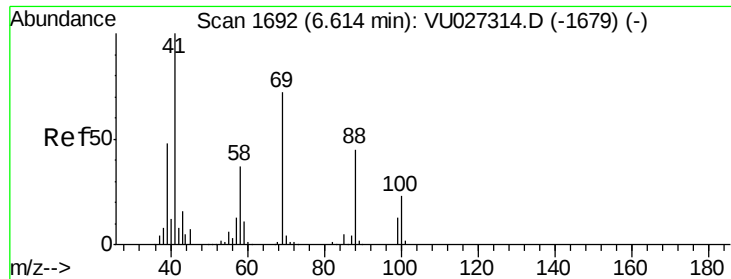


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

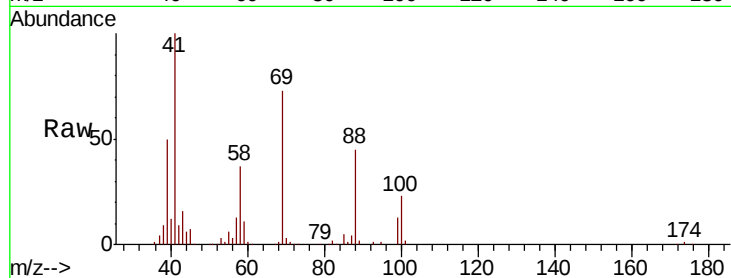




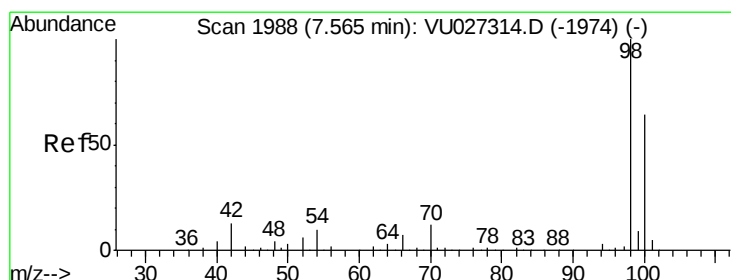
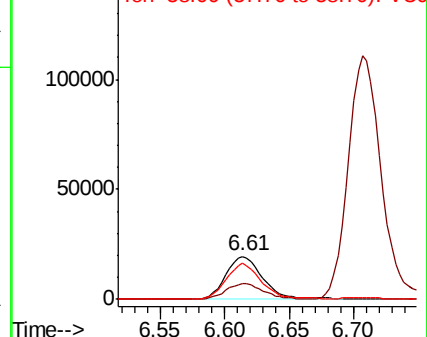
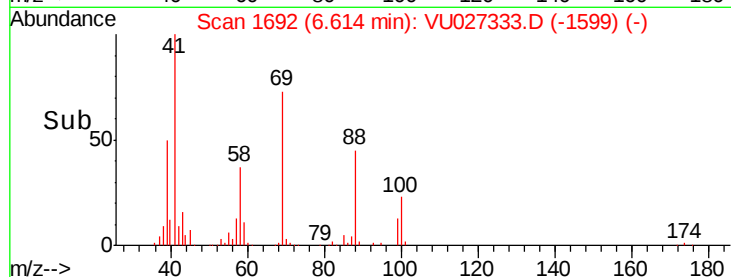
#49
1,4-Dioxane
Concen: 1037.623 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 37832
Ion Ratio Lower Upper
88 100
43 38.9 30.8 46.2
58 82.6 67.0 100.6

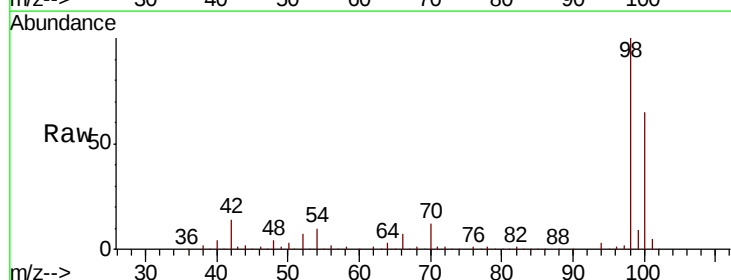


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

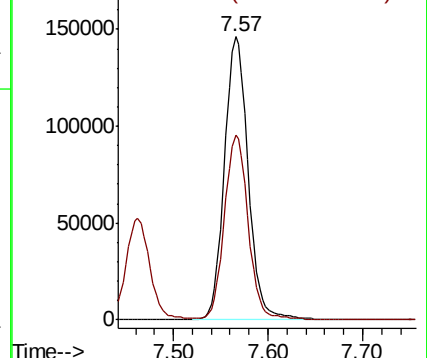
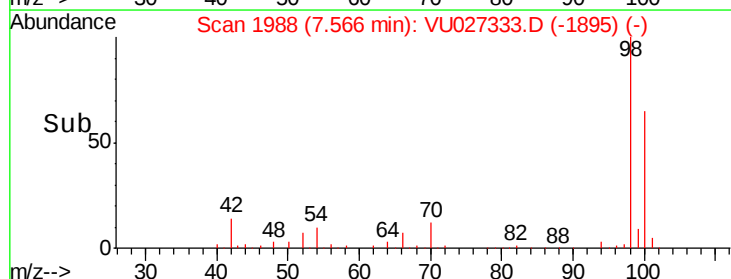


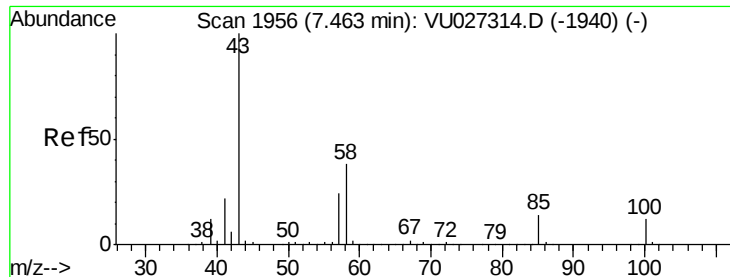
#50
Toluene-d8
Concen: 50.941 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion: 98 Resp: 255479
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 276.988 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

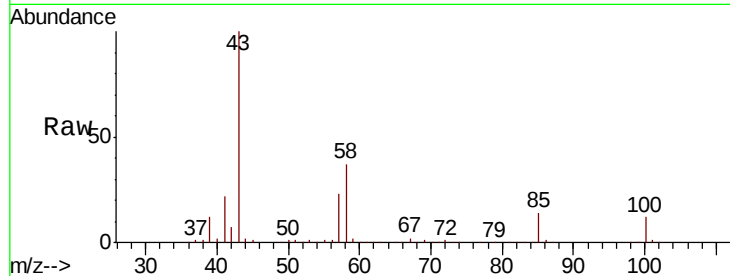
VSTDCCC050EC

Tot Ion: 43 Resp: 766985

Ion Ratio Lower Upper

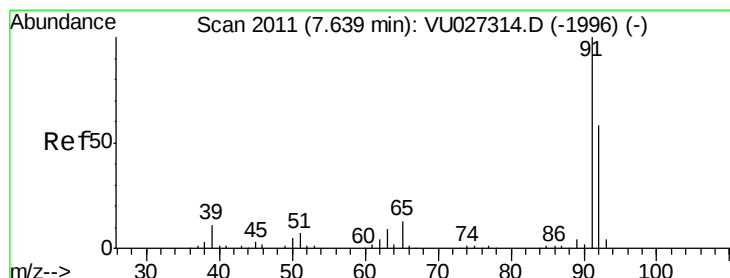
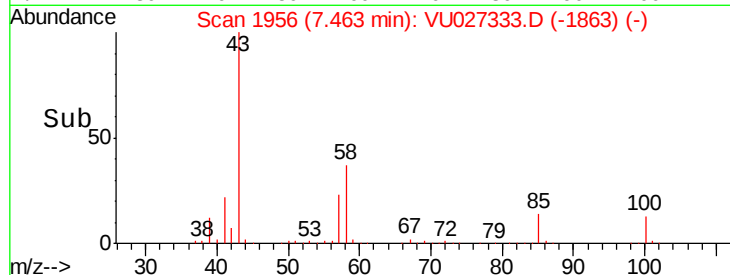
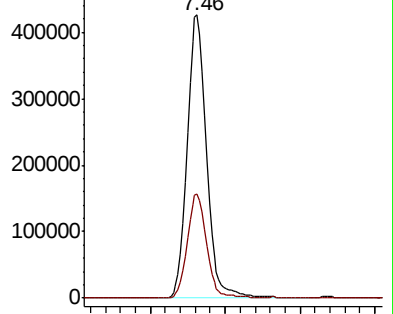
43 100

58 36.7 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 51.392 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027333.D

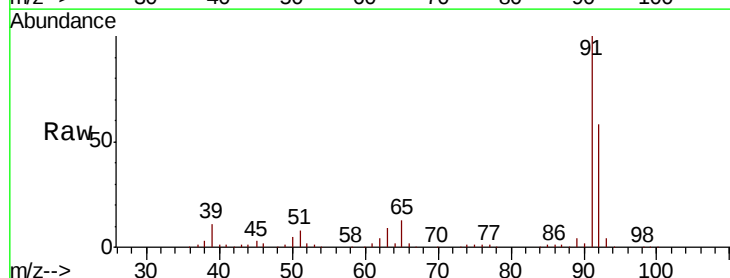
Acq: 01 Oct 2018 21:06

Tgt Ion: 92 Resp: 188107

Ion Ratio Lower Upper

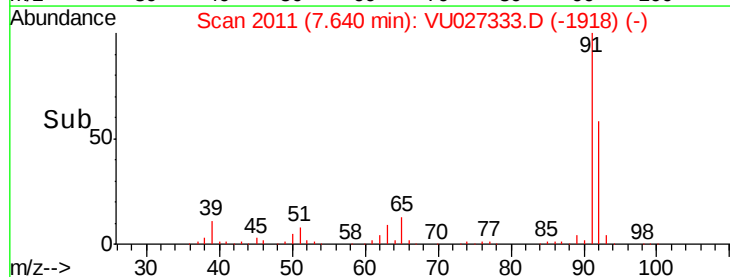
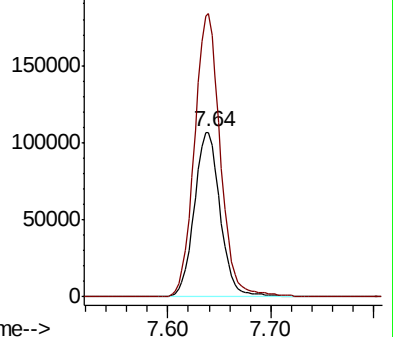
92 100

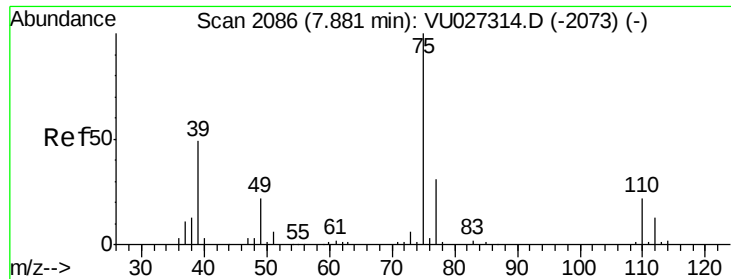
91 171.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

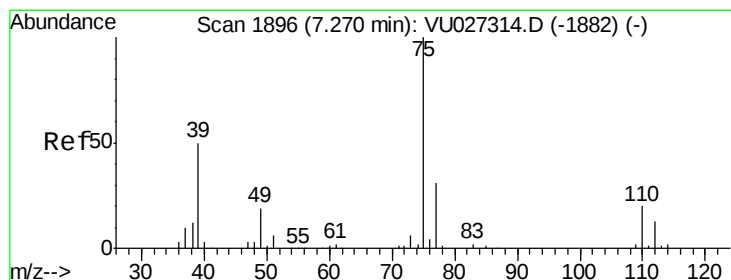
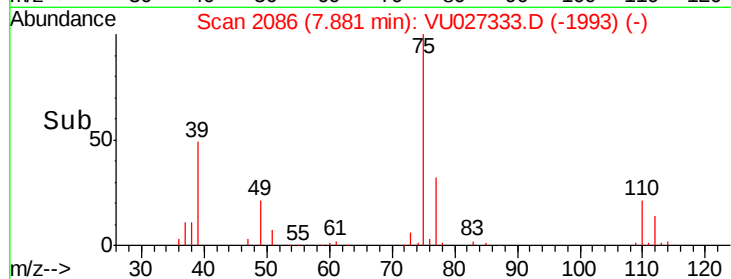
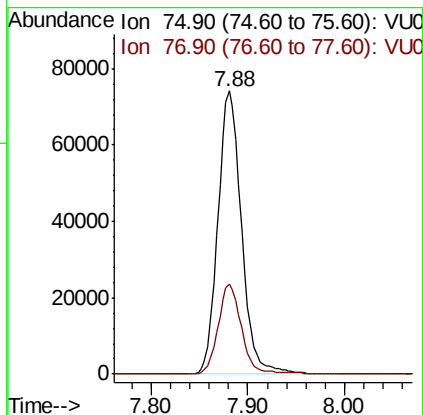
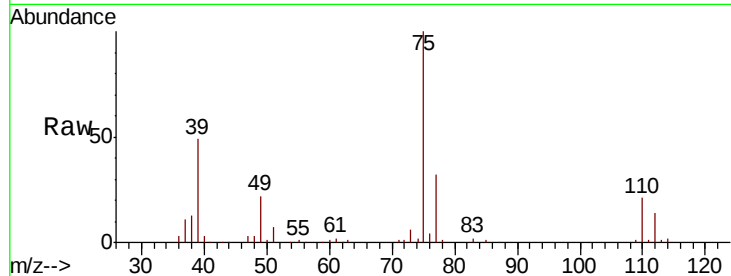




#53
t-1,3-Dichloropropene
Concen: 51.314 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

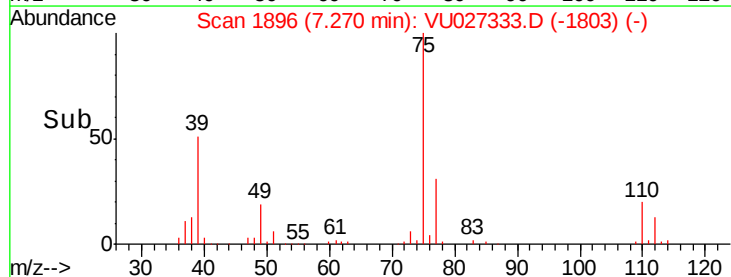
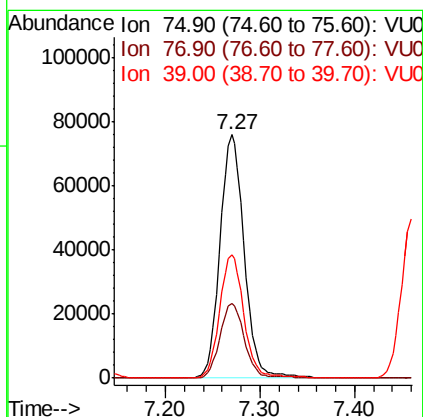
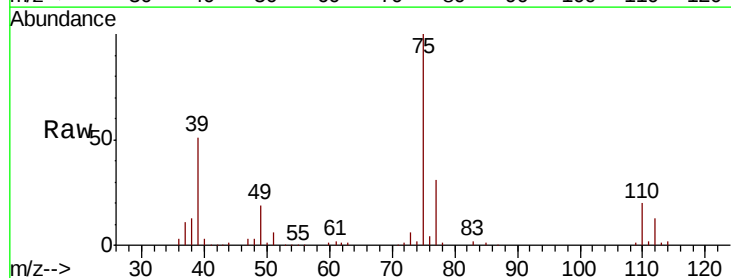
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

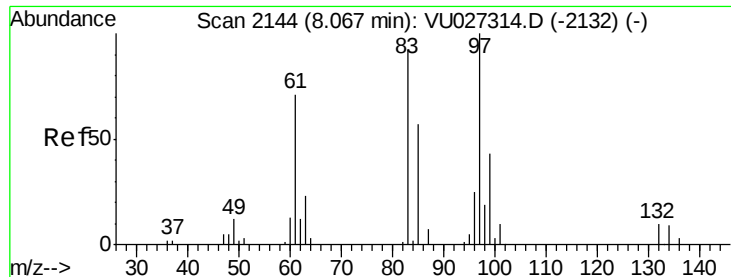
Tot Ion: 75 Resp: 125761
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 51.342 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion: 75 Resp: 135271
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 50.9 40.1 60.1

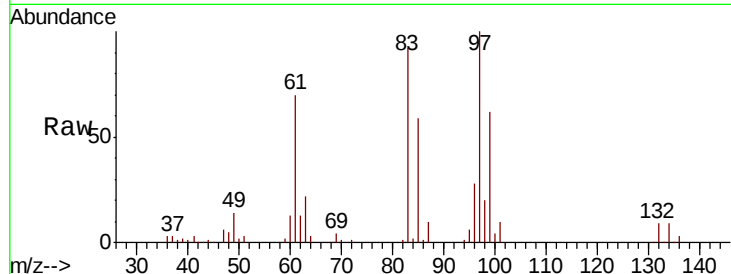




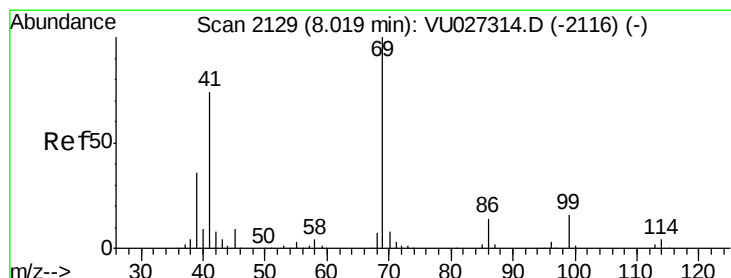
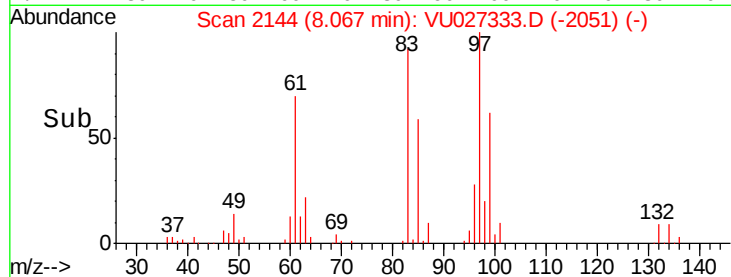
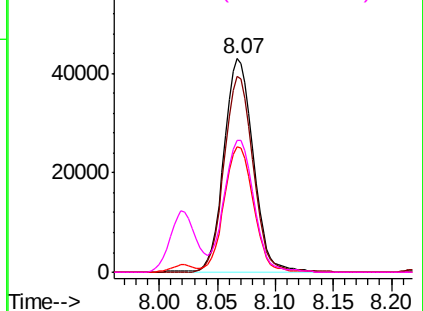
#55
 1,1,2-Trichloroethane
 Concen: 51.762 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	75117
Ion	Ratio	Lower	Upper
97	100		
83	91.5	73.0	109.6
85	58.7	47.3	70.9
99	62.0	49.7	74.5

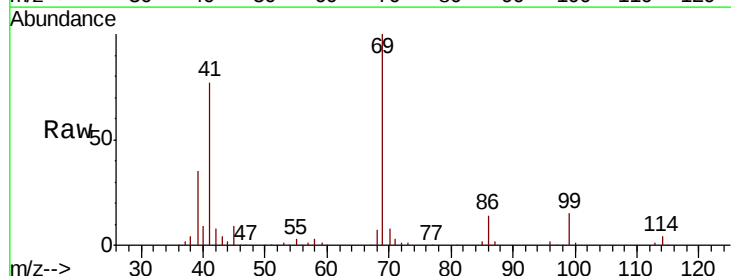


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

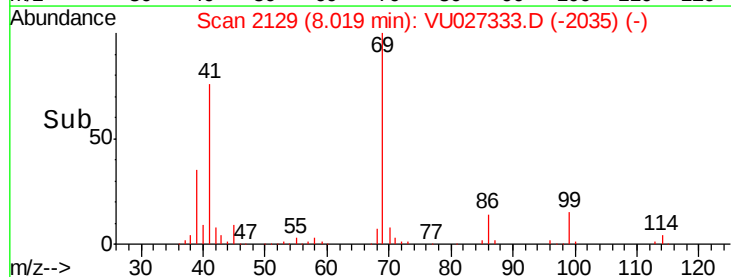
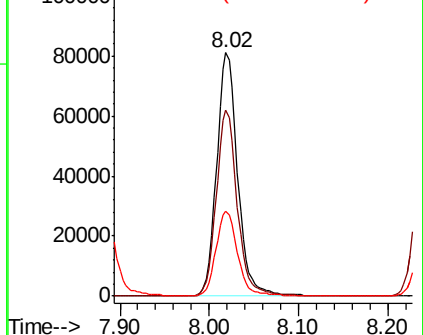


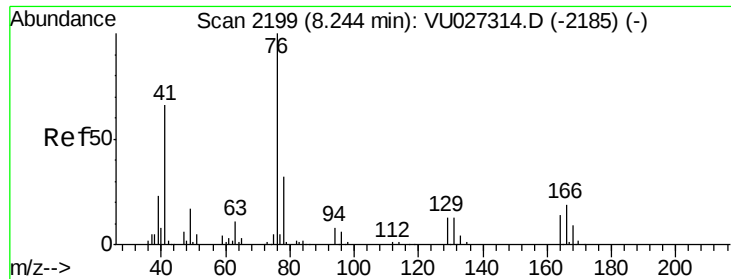
#56
 Ethyl methacrylate
 Concen: 47.694 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Tgt Ion:	69	Resp:	132240
Ion	Ratio	Lower	Upper
69	100		
41	76.8	60.0	90.0
39	35.6	29.5	44.3



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 51.245 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

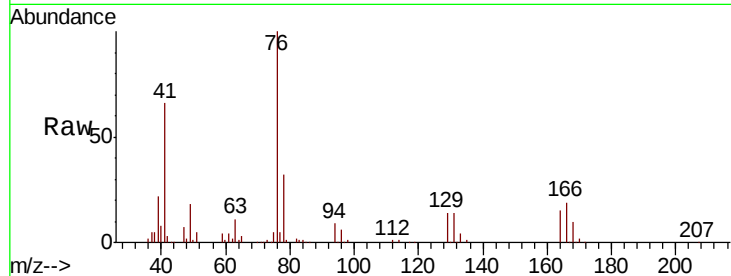
VSTDCCC050EC

Tot Ion: 76 Resp: 144368

Ion Ratio Lower Upper

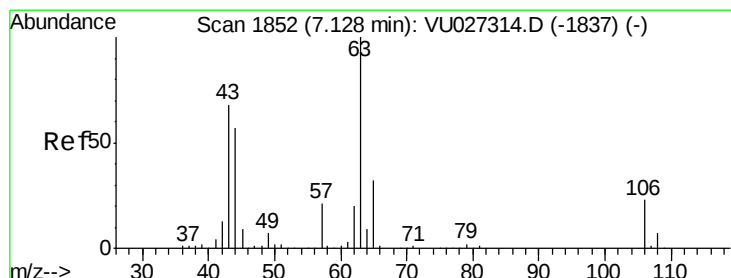
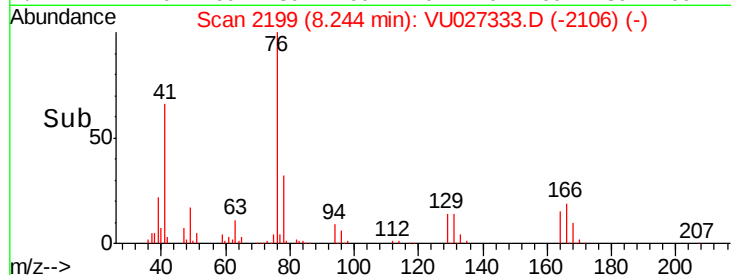
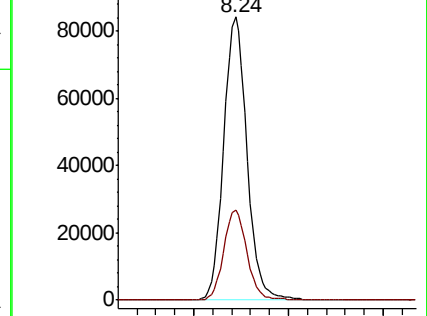
76 100

78 31.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 243.026 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VU027333.D

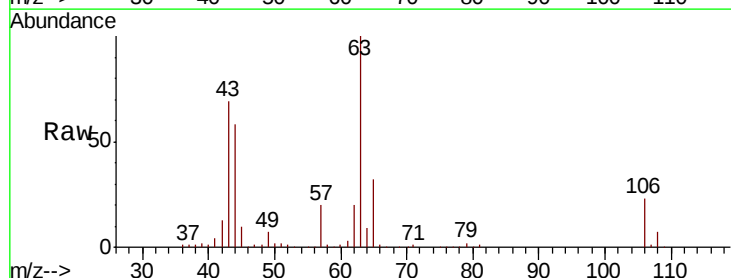
Acq: 01 Oct 2018 21:06

Tgt Ion: 63 Resp: 370533

Ion Ratio Lower Upper

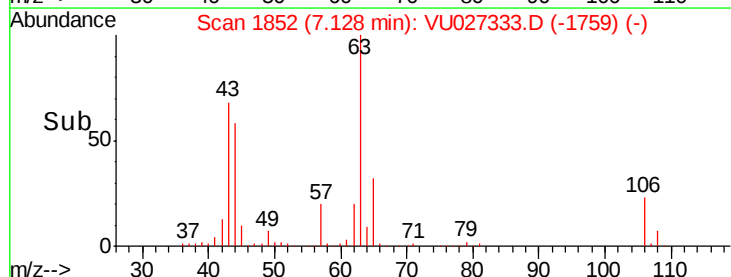
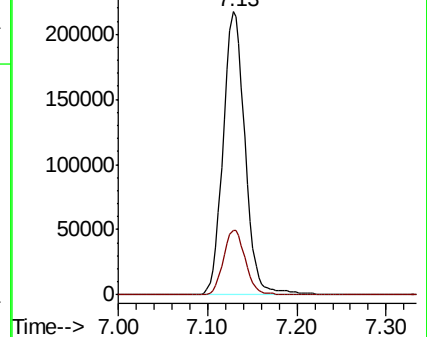
63 100

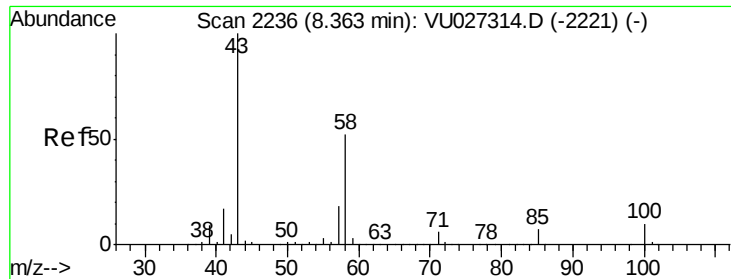
106 23.3 18.5 27.7



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

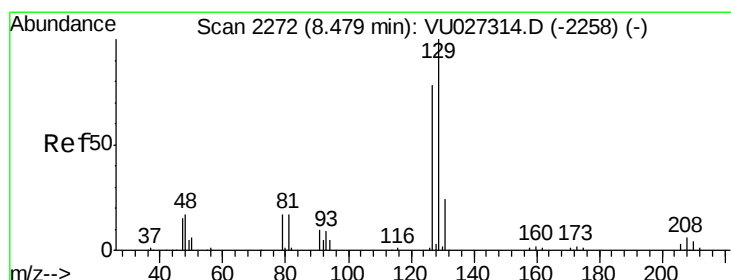
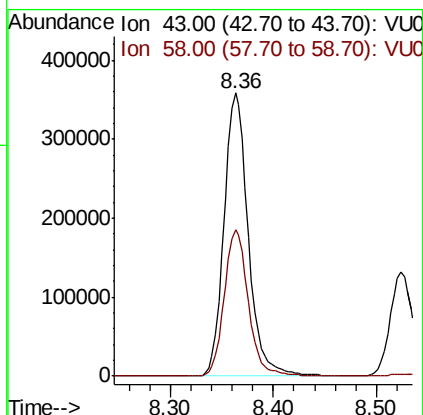
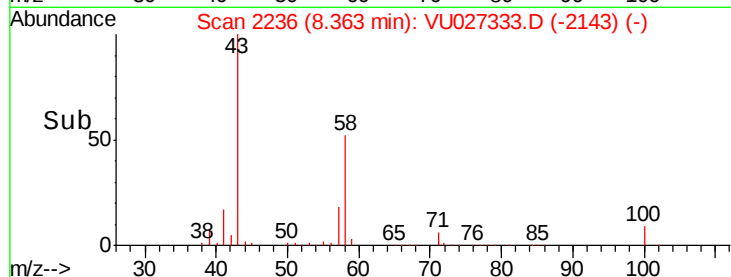
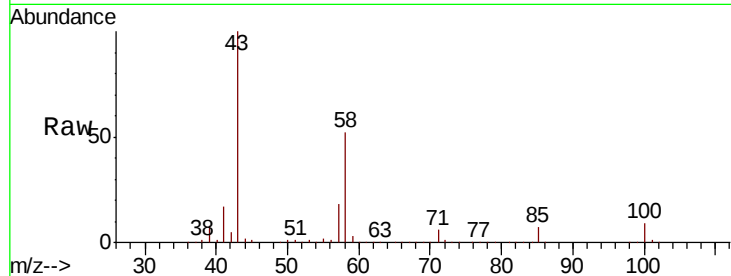




#59
2-Hexanone
Concen: 272.697 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

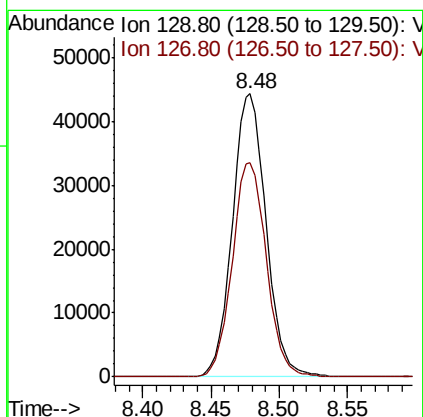
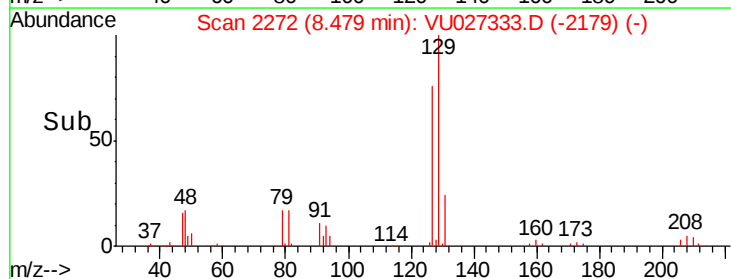
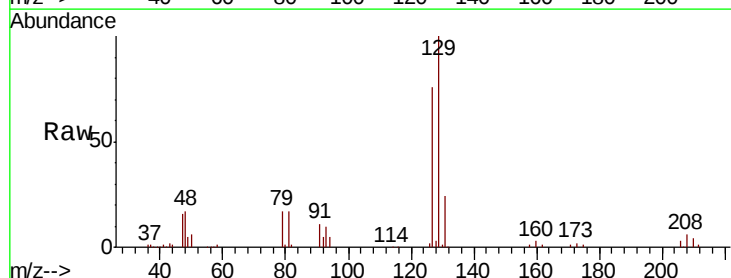
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

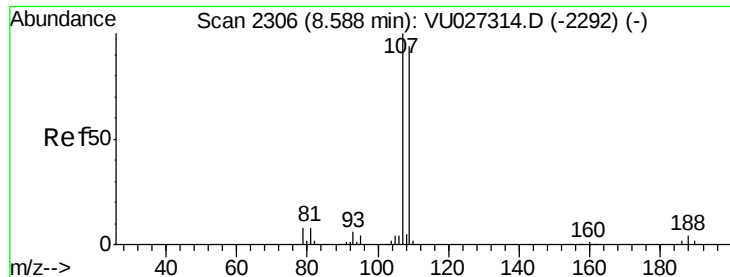
Tot Ion: 43 Resp: 585751
Ion Ratio Lower Upper
43 100
58 51.7 26.1 78.3



#60
Dibromochloromethane
Concen: 52.155 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion: 129 Resp: 75911
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.290 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

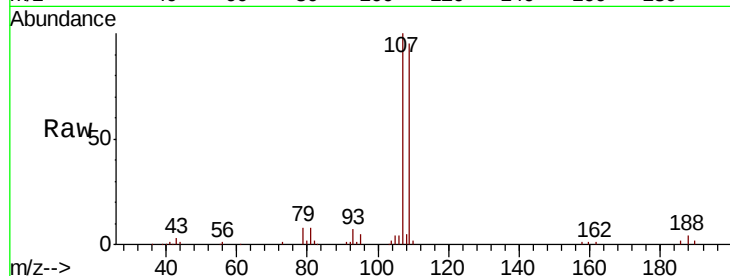
VSTDCCC050EC

Tot Ion:107 Resp: 79139

Ion Ratio Lower Upper

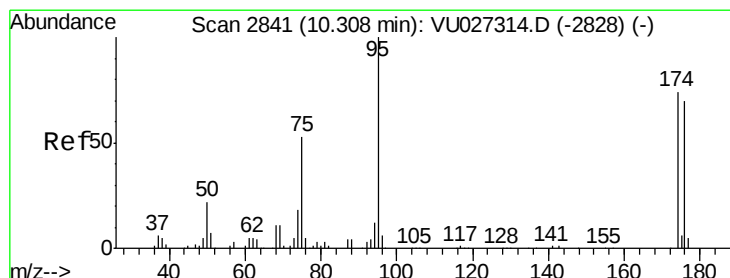
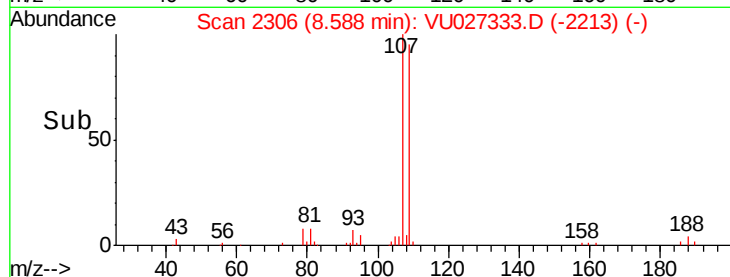
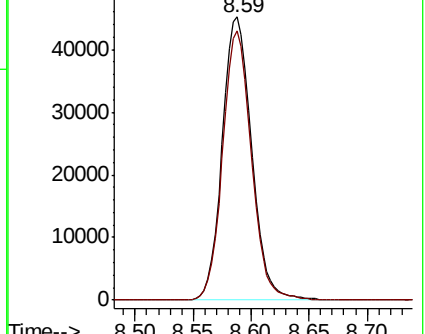
107 100

109 93.1 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.644 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

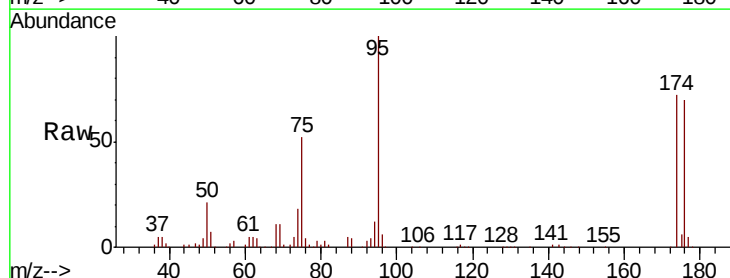
Tgt Ion: 95 Resp: 94391

Ion Ratio Lower Upper

95 100

174 72.0 0.0 147.8

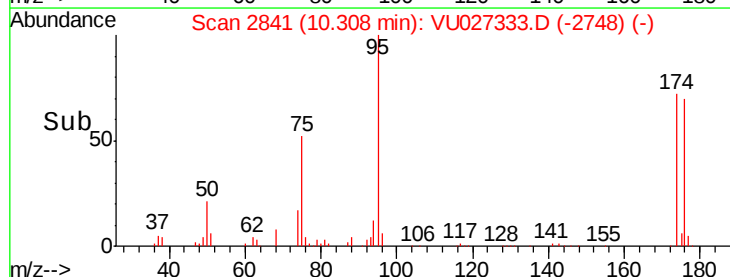
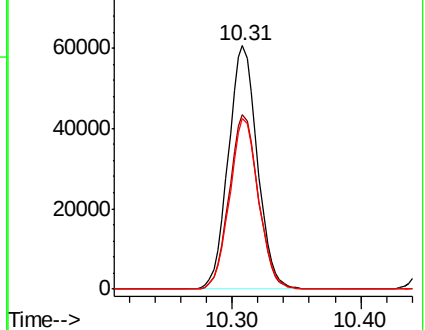
176 69.9 0.0 140.8

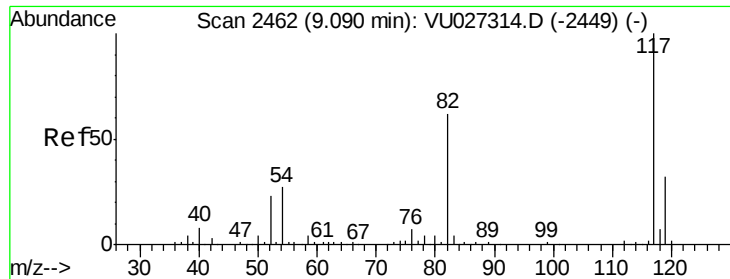


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

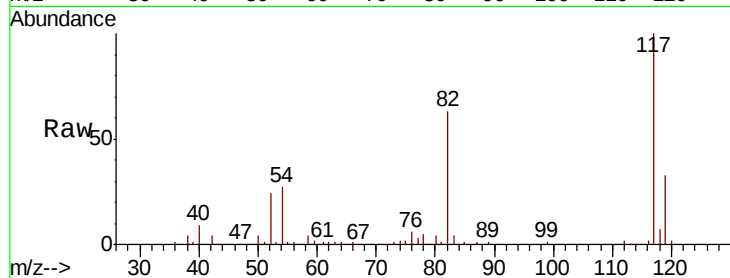




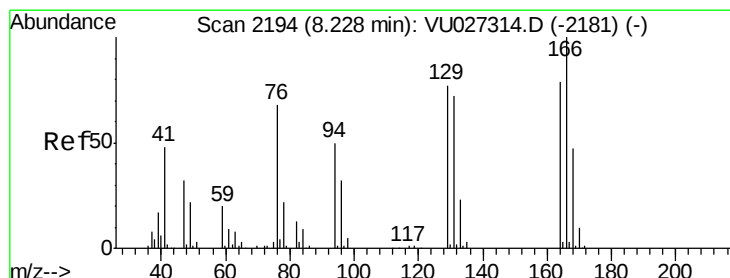
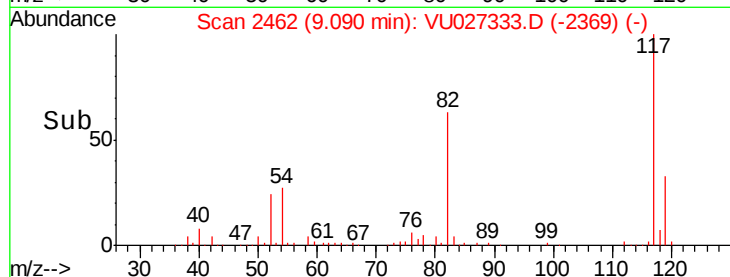
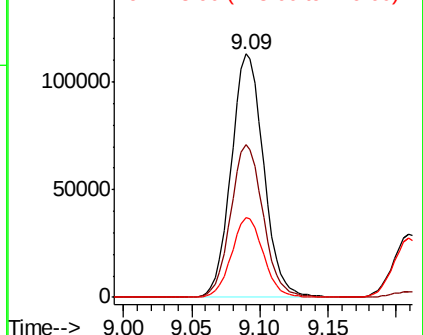
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 186716
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 32.9 25.7 38.5



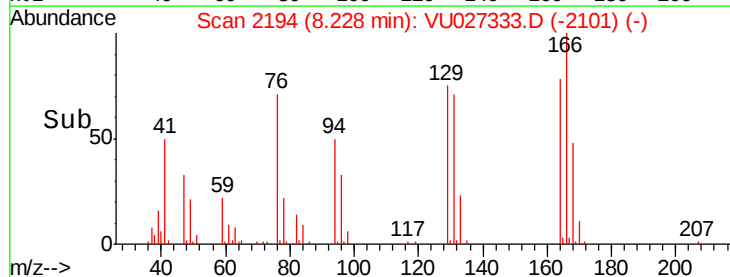
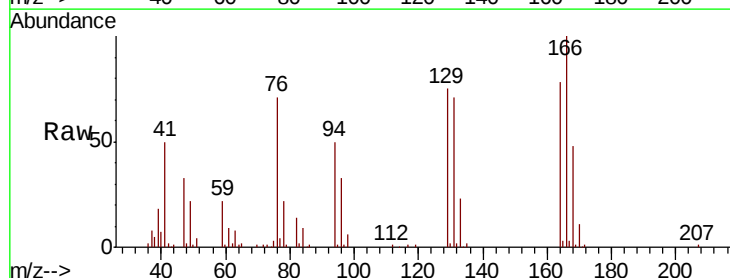
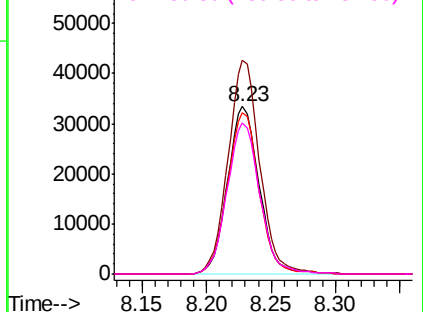
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

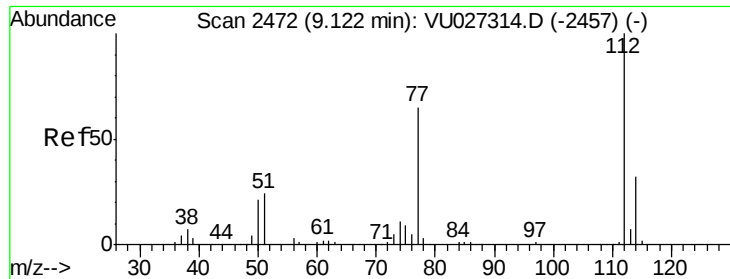


#64
Tetrachloroethene
Concen: 48.951 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion:164 Resp: 56898
Ion Ratio Lower Upper
164 100
166 127.5 101.0 151.6
129 96.2 78.0 117.0
131 90.0 72.6 109.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

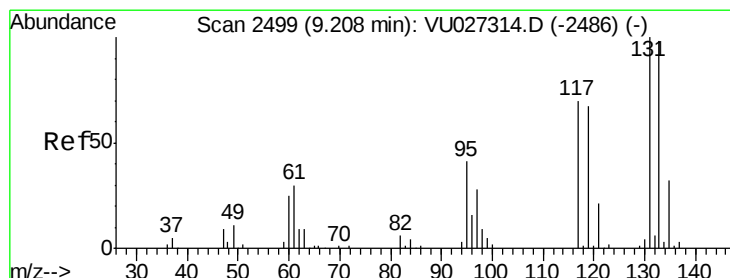
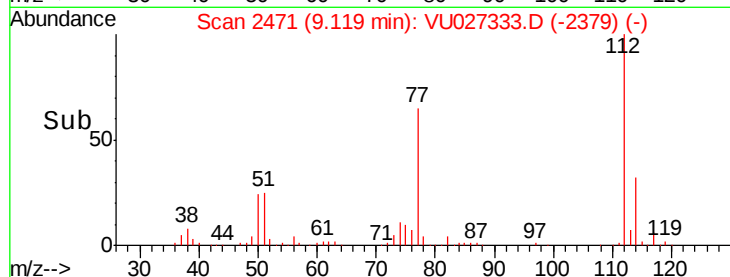
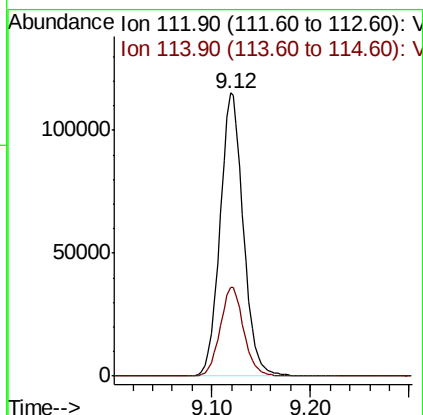
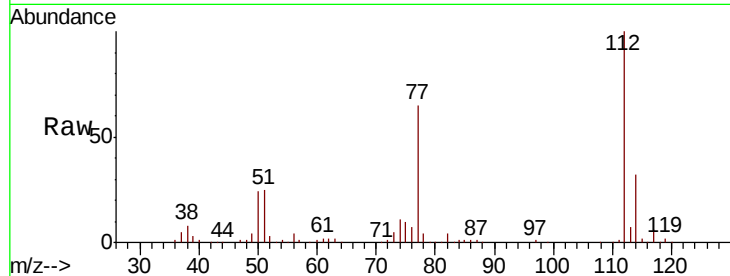




#65
Chlorobenzene
Concen: 48.505 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

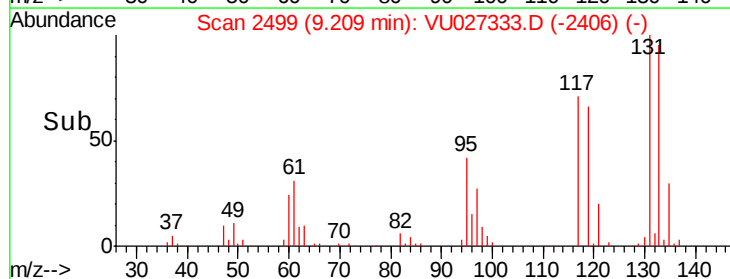
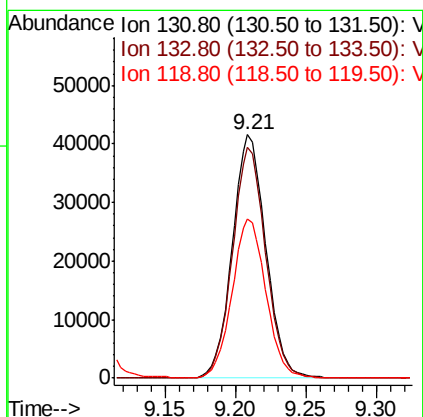
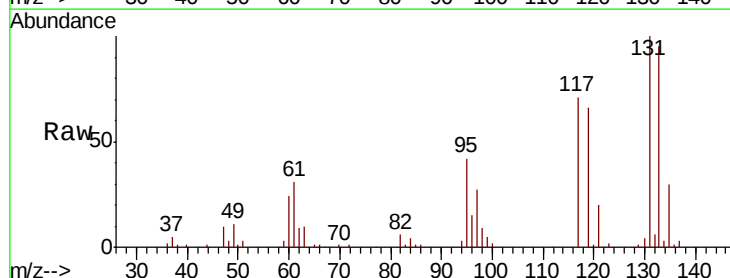
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

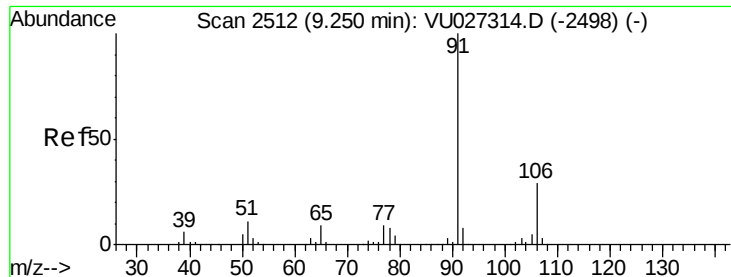
Tot Ion:112 Resp: 190634
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.996 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion:131 Resp: 69190
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.6
119 66.0 33.5 100.4

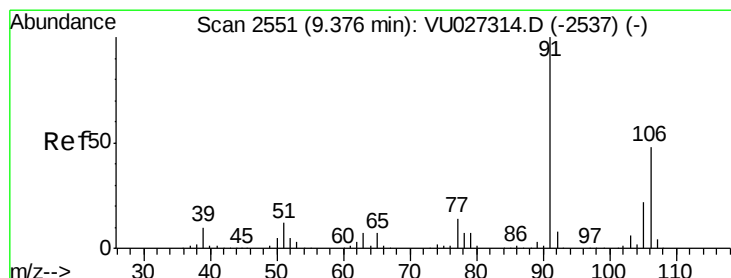
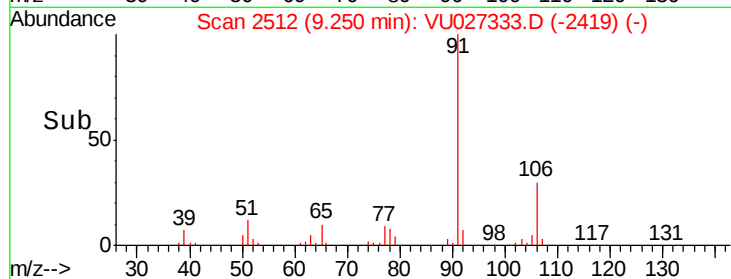
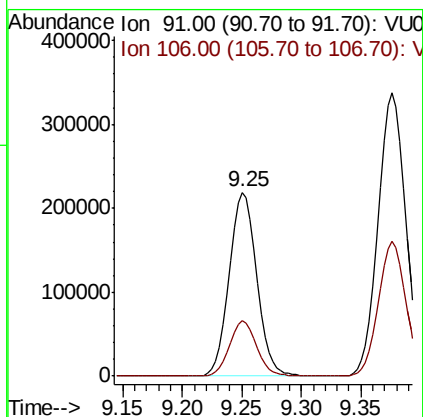
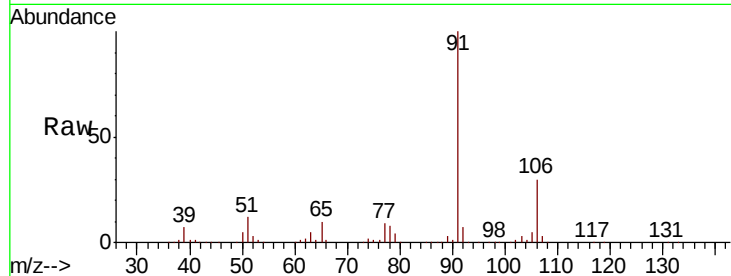




#67
Ethyl Benzene
Concen: 50.579 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

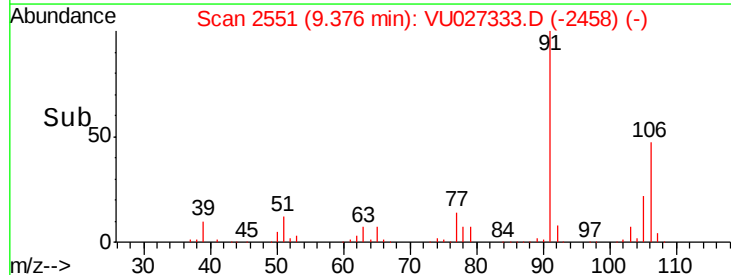
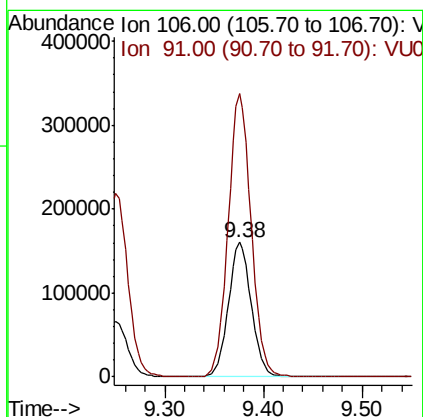
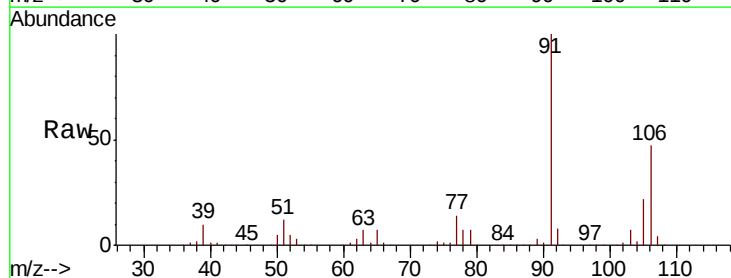
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

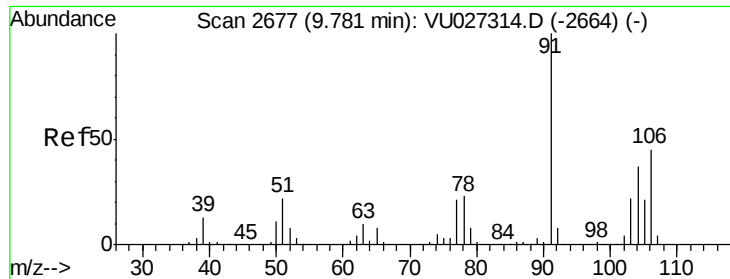
Tot Ion: 91 Resp: 352195
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4



#68
m/p-Xylenes
Concen: 102.355 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion: 106 Resp: 260705
Ion Ratio Lower Upper
106 100
91 210.9 168.1 252.1

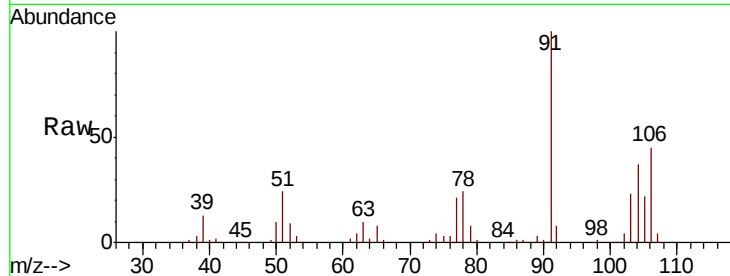




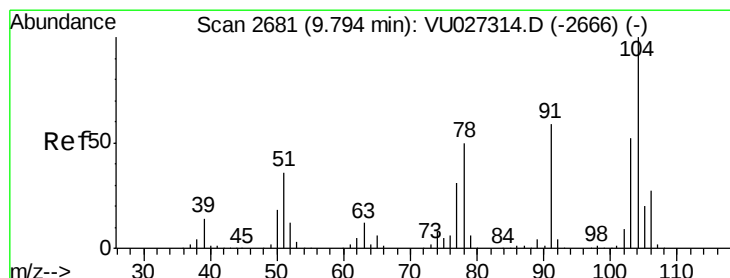
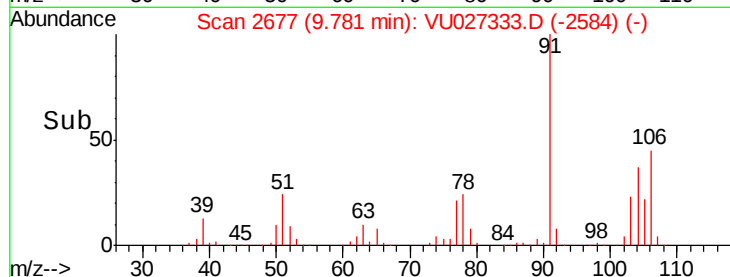
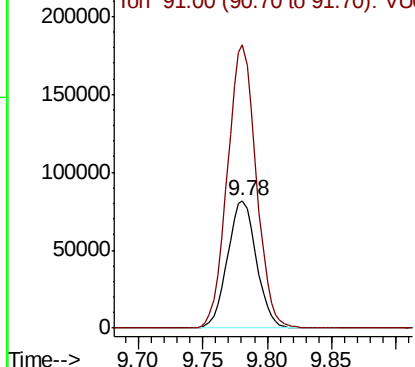
#69
o-Xylene
Concen: 52.661 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 127464
Ion Ratio Lower Upper
106 100
91 220.8 111.7 334.9

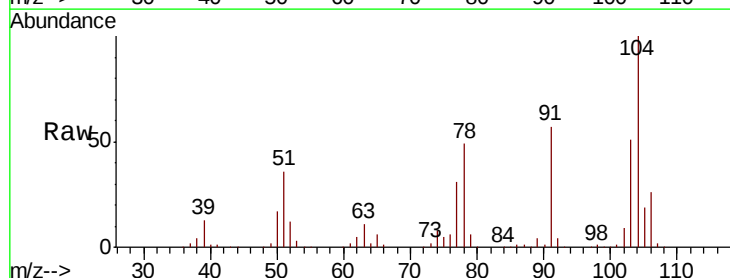


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

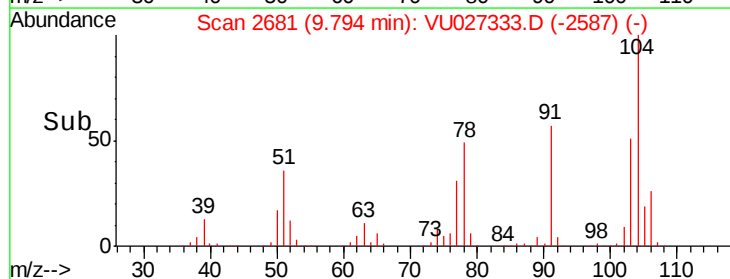
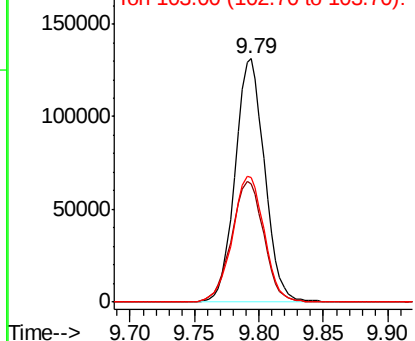


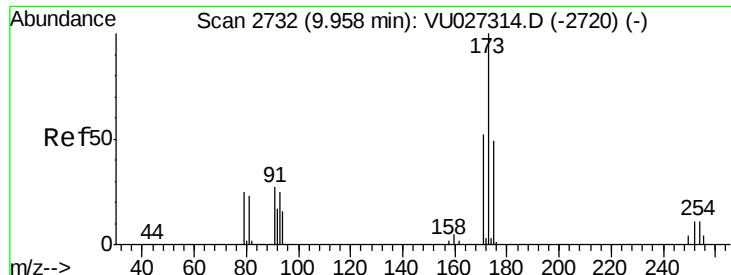
#70
Styrene
Concen: 46.390 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion:104 Resp: 209104
Ion Ratio Lower Upper
104 100
78 54.4 42.9 64.3
103 55.8 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.783 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

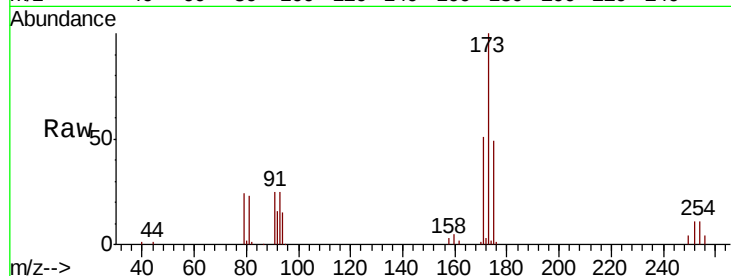
Tot Ion:173 Resp: 55435

Ion Ratio Lower Upper

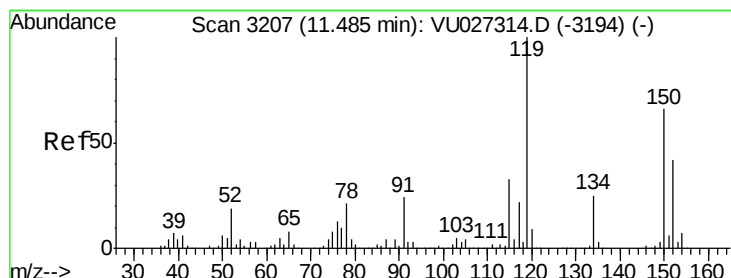
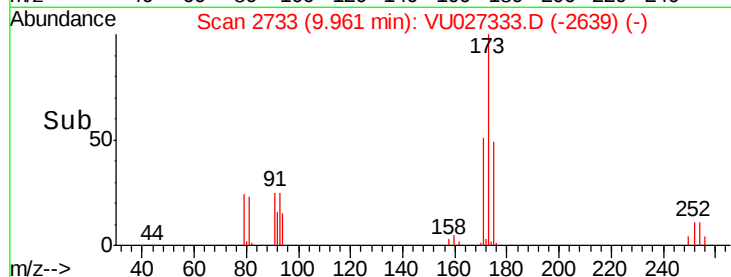
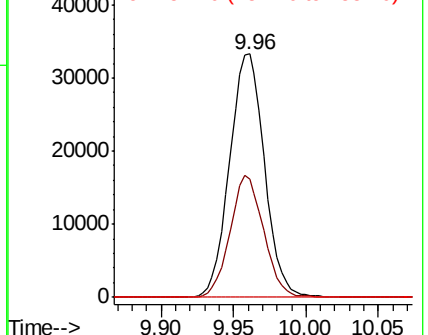
173 100

175 48.2 24.3 73.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

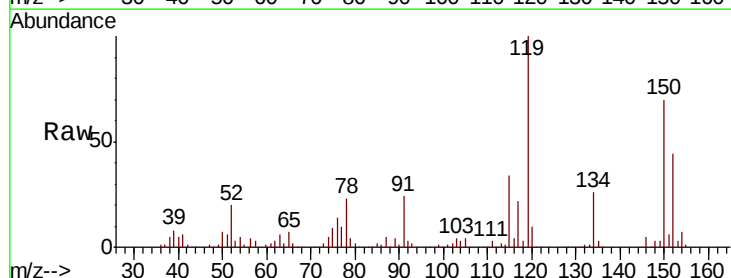
Tgt Ion:152 Resp: 92784

Ion Ratio Lower Upper

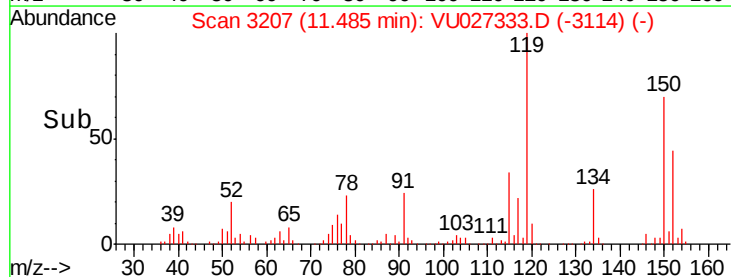
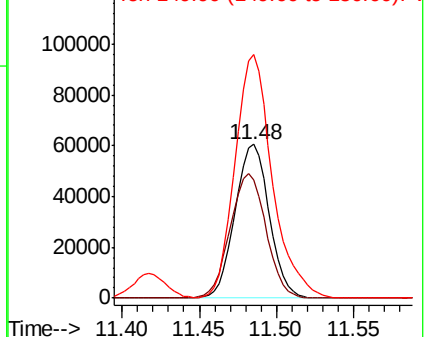
152 100

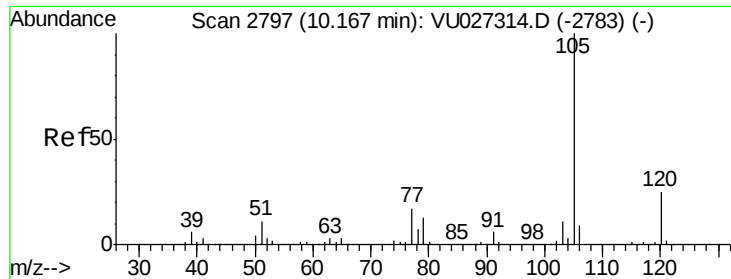
115 84.8 43.4 130.2

150 173.2 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.697 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

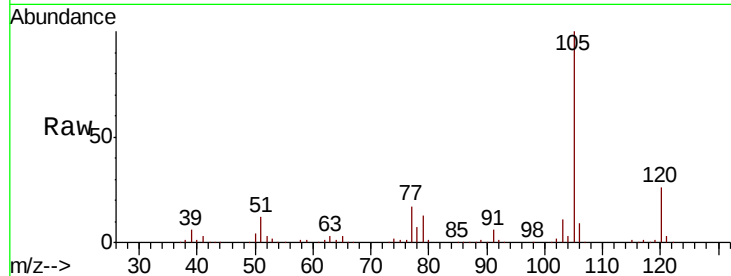
VSTDCCC050EC

Tot Ion:105 Resp: 341632

Ion Ratio Lower Upper

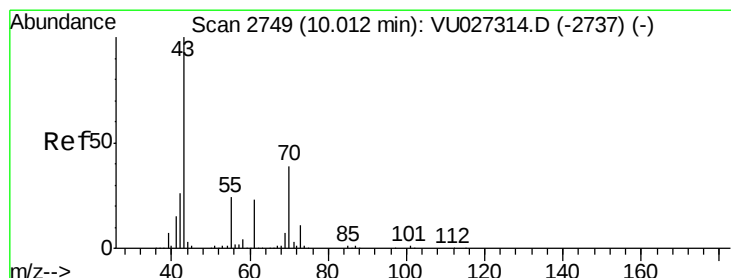
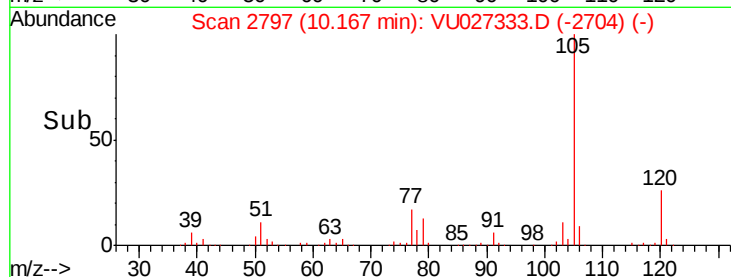
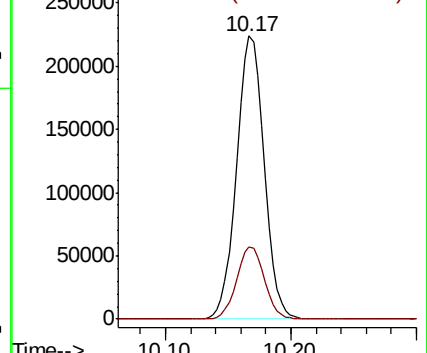
105 100

120 25.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.176 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Tgt Ion: 43 Resp: 205142

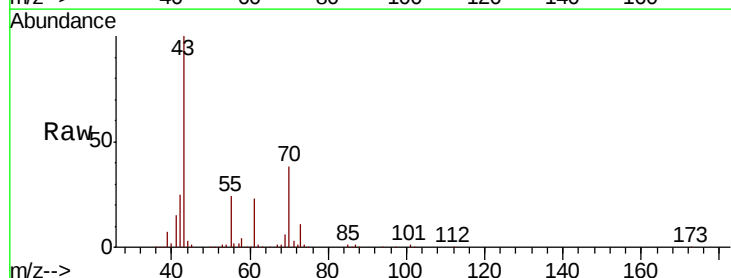
Ion Ratio Lower Upper

43 100

70 38.2 31.3 46.9

55 23.4 19.0 28.6

61 22.7 18.5 27.7

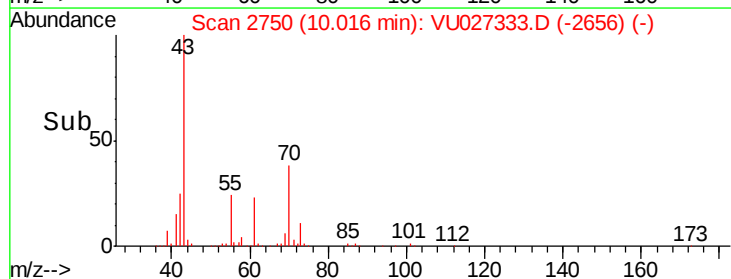
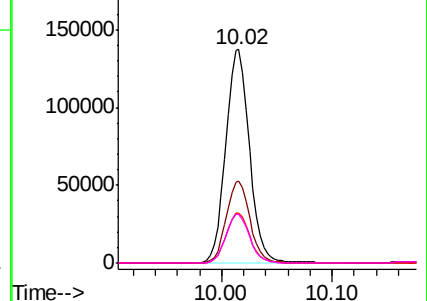


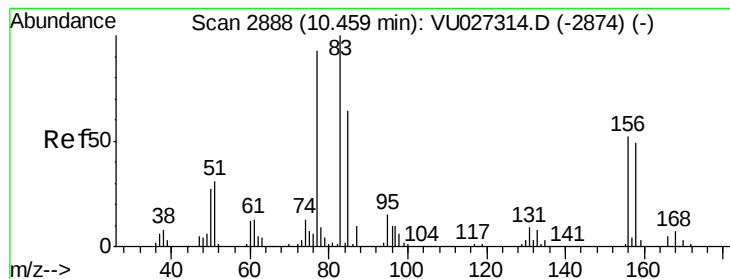
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.445 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

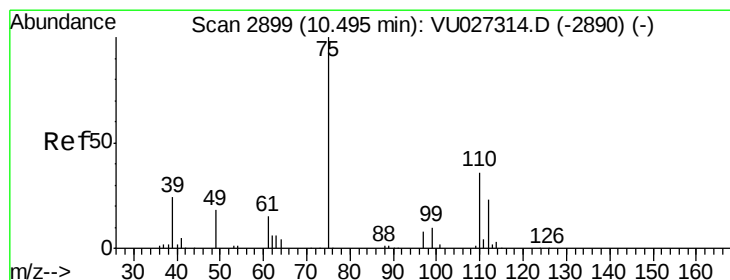
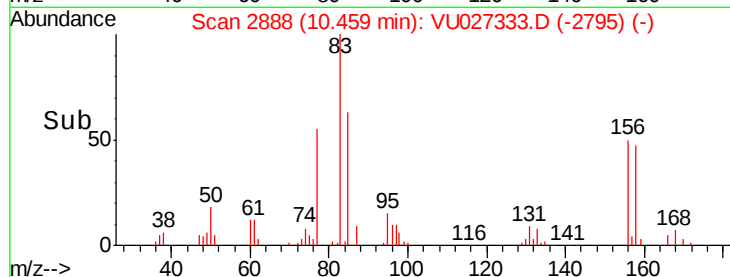
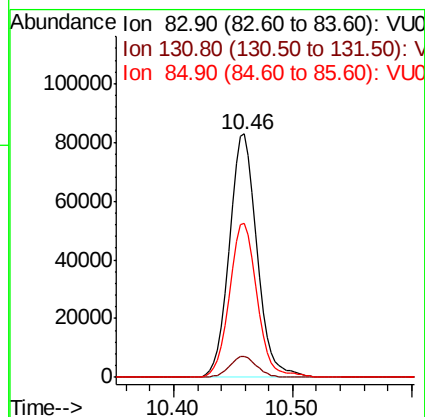
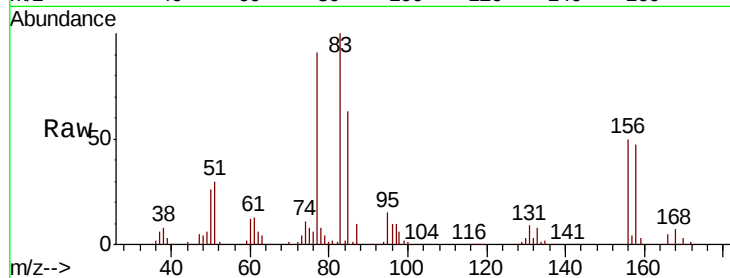
Tot Ion: 83 Resp: 133480

Ion Ratio Lower Upper

83 100

131 8.5 4.4 13.2

85 63.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 64.832 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027333.D

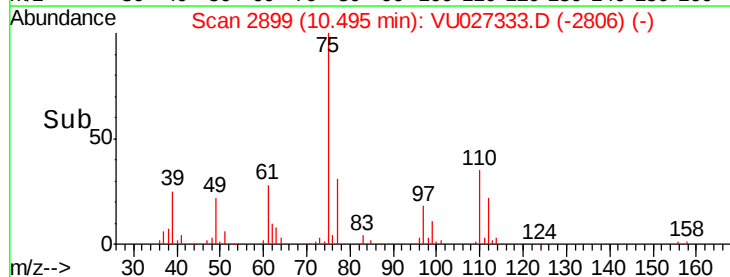
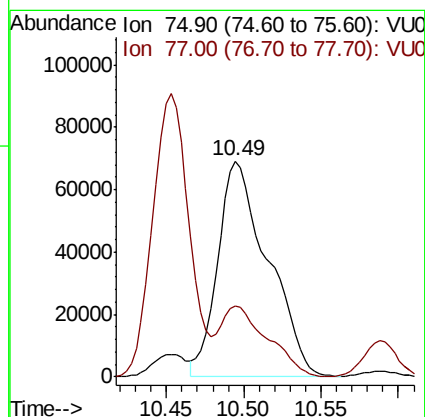
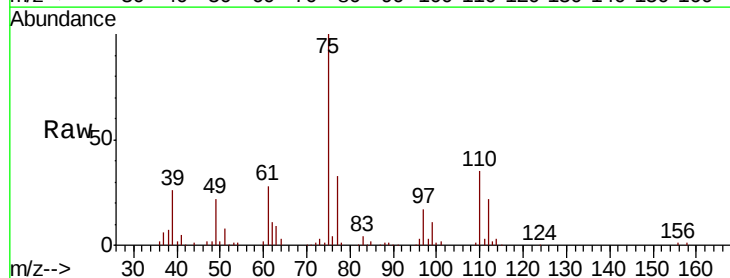
Acq: 01 Oct 2018 21:06

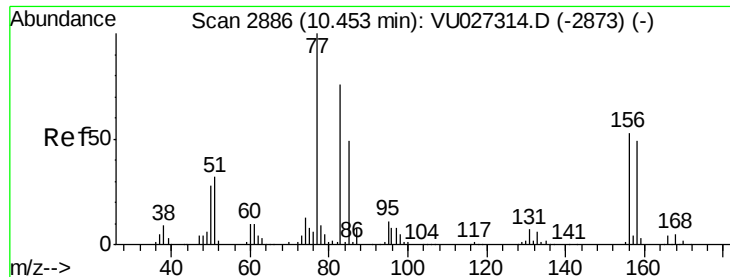
Tgt Ion: 75 Resp: 155932

Ion Ratio Lower Upper

75 100

77 29.7 20.3 60.9





#77

Bromobenzene

Concen: 49.722 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

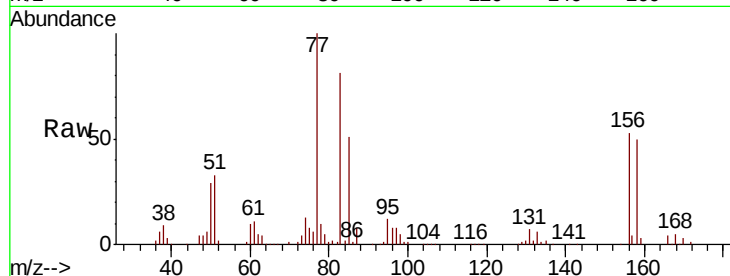
Tot Ion:156 Resp: 77870

Ion Ratio Lower Upper

156 100

77 191.2 94.8 284.4

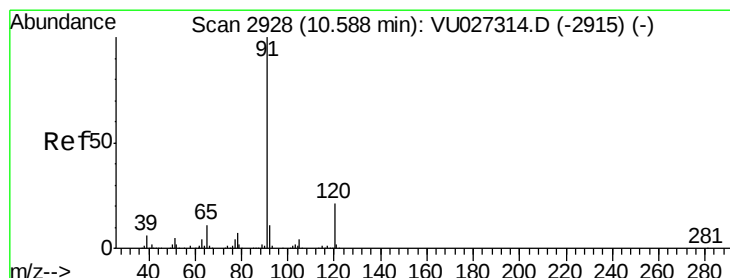
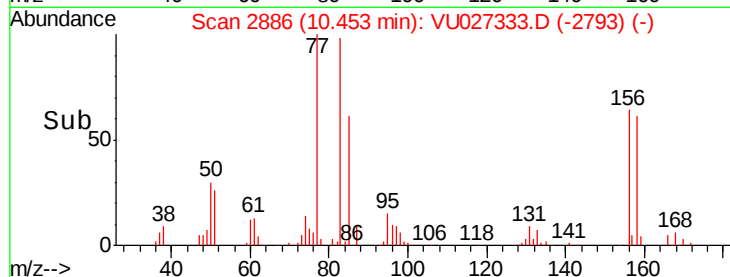
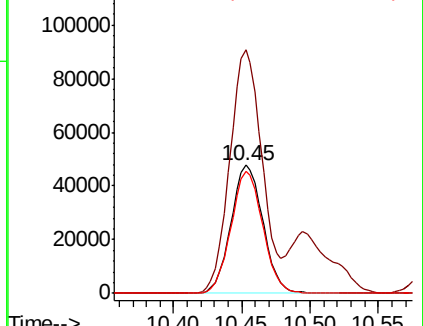
158 94.9 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.047 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027333.D

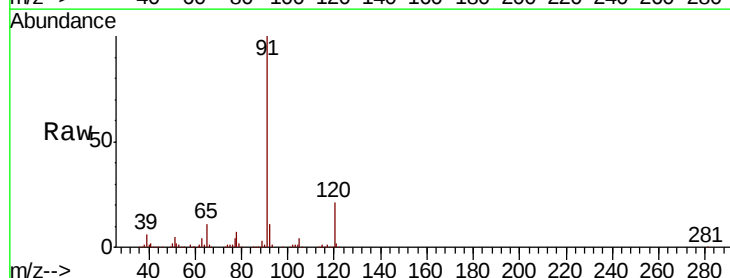
Acq: 01 Oct 2018 21:06

Tgt Ion: 91 Resp: 413352

Ion Ratio Lower Upper

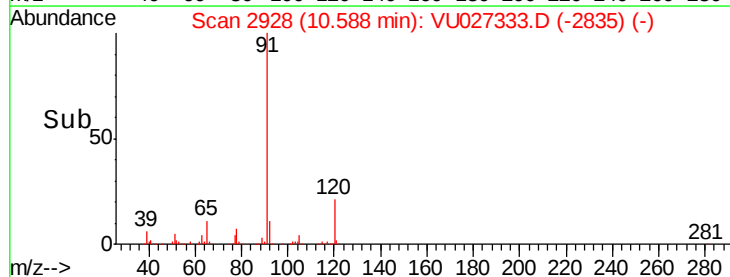
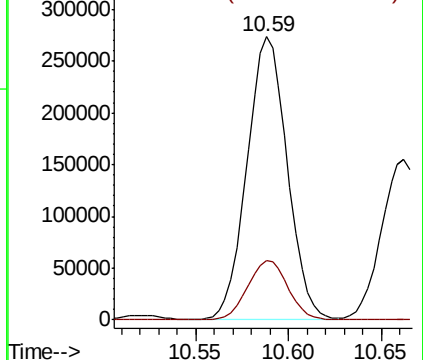
91 100

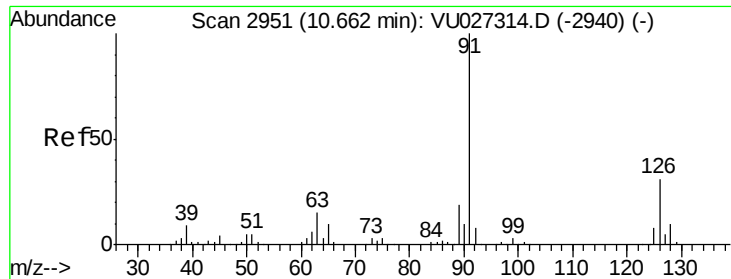
120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

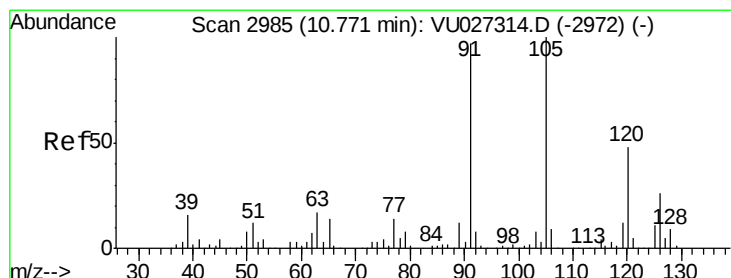
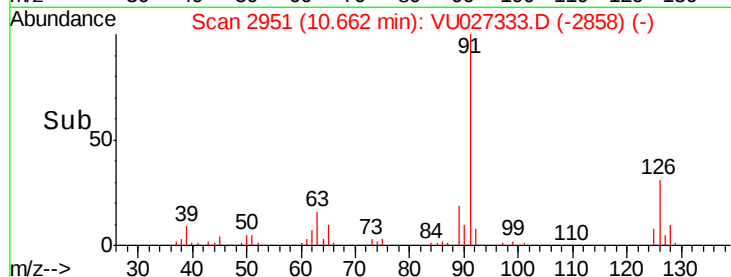
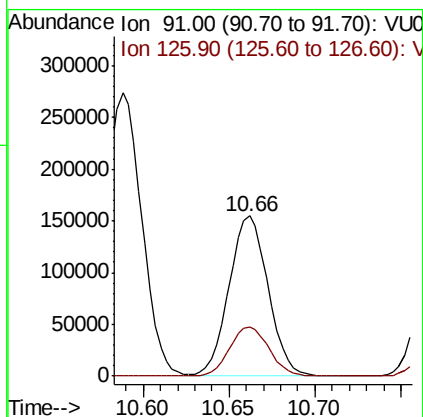
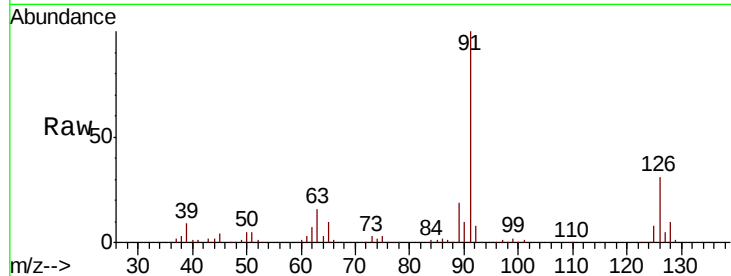




#79
 2-Chlorotoluene
 Concen: 49.581 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

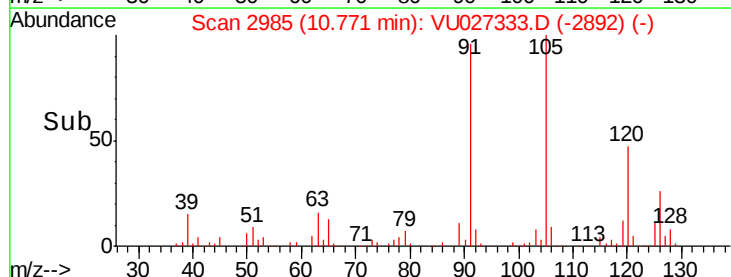
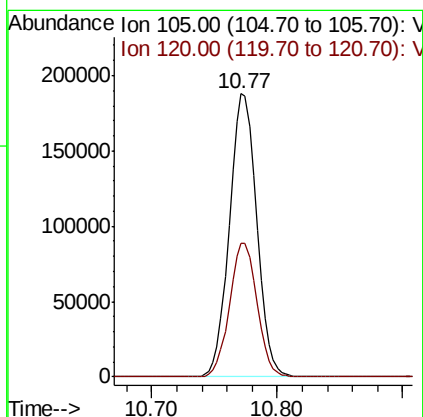
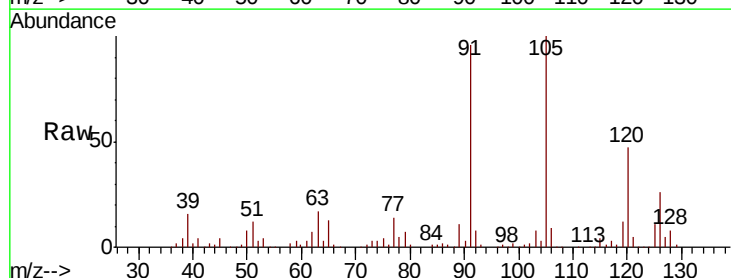
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

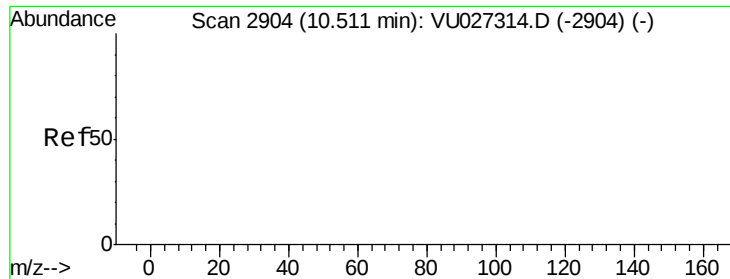
Tot Ion: 91 Resp: 242408
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 51.723 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Tgt Ion: 105 Resp: 283771
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 169.672 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

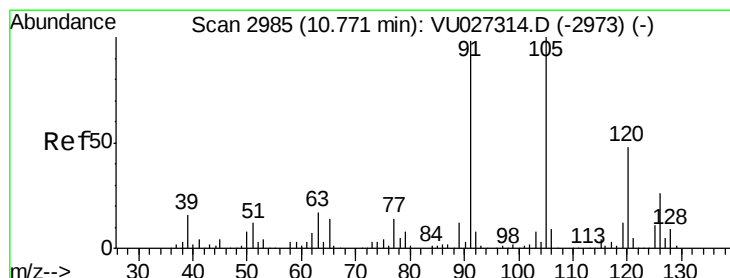
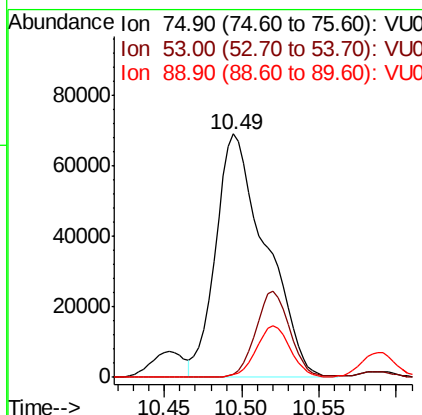
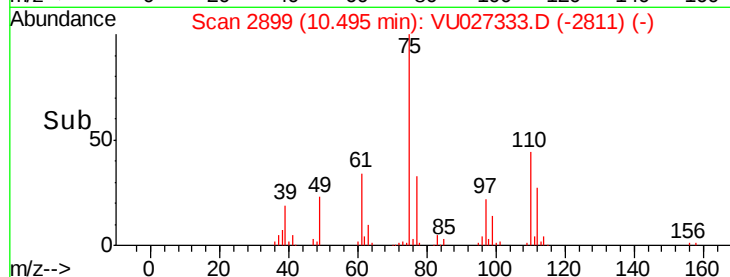
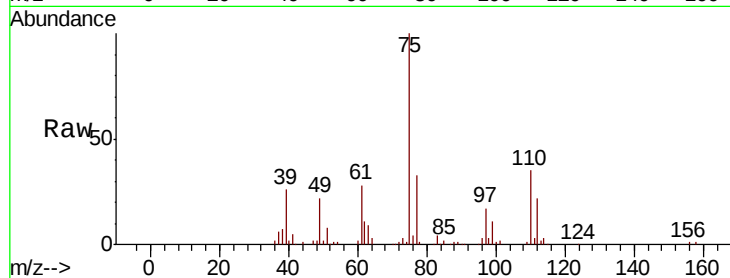
Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 155932

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 50.322 ug/l

RT: 10.77 min Scan# 2985

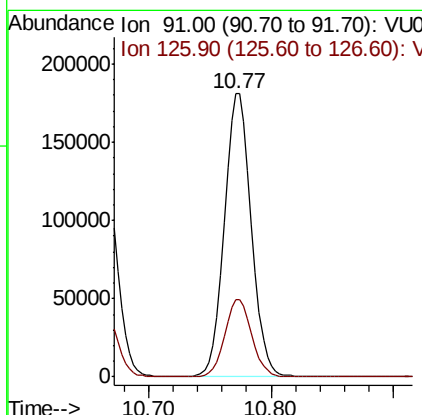
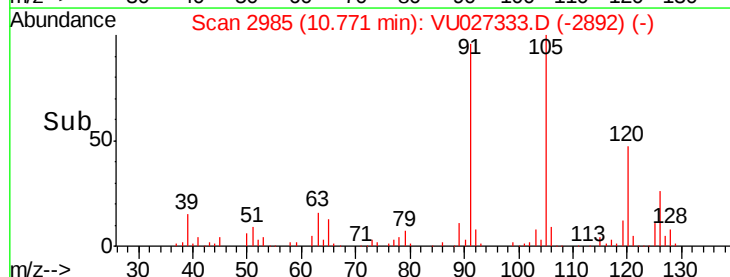
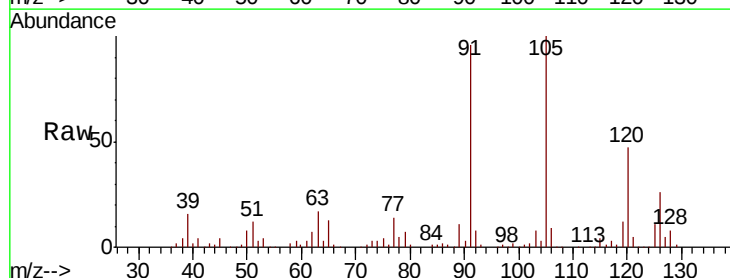
Delta R.T. 0.00 min

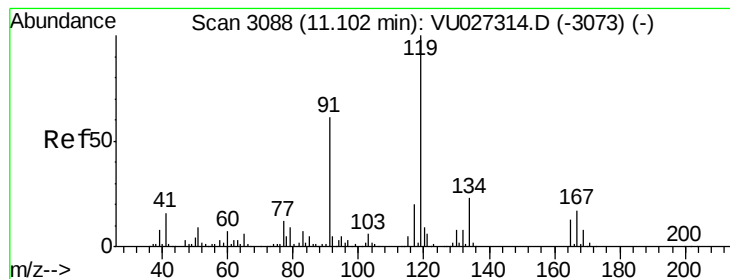
Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Tgt Ion: 91 Resp: 279203

Ion	Ratio	Lower	Upper
91	100		
126	27.4	13.6	40.8





#83

tert-Butylbenzene

Concen: 50.807 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

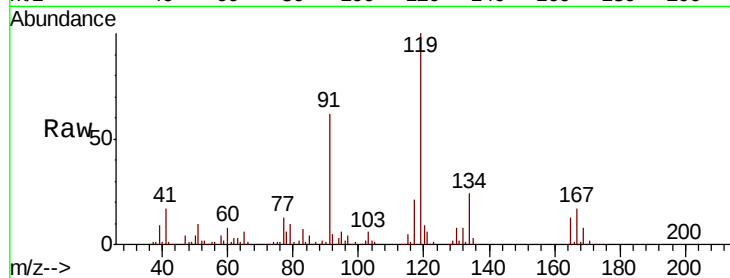
Tot Ion:119 Resp: 269474

Ion Ratio Lower Upper

119 100

91 61.2 30.3 91.0

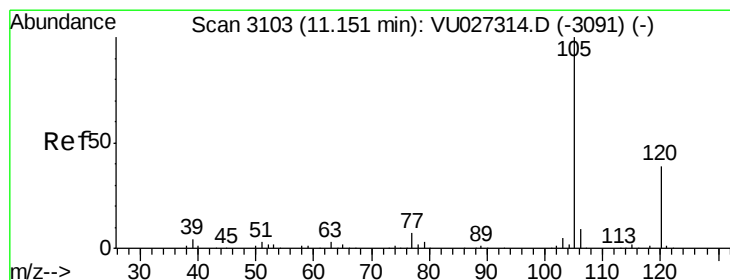
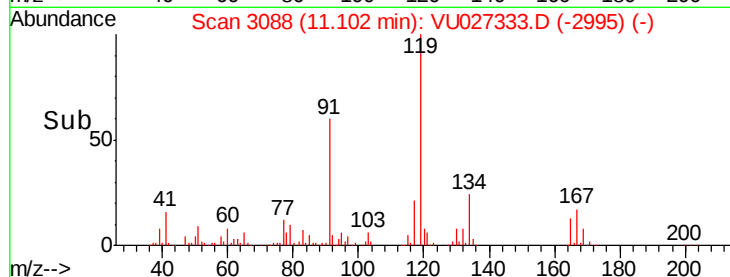
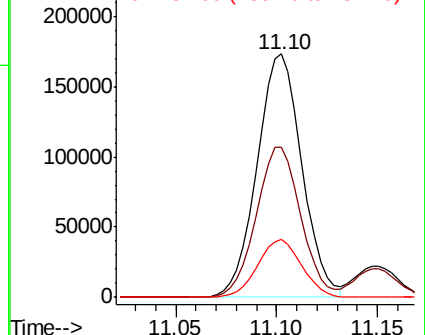
134 23.2 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.139 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027333.D

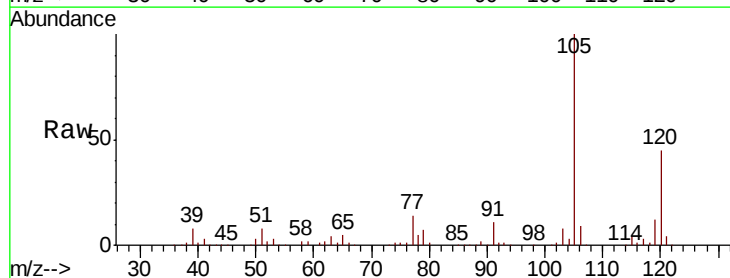
Acq: 01 Oct 2018 21:06

Tgt Ion:105 Resp: 292200

Ion Ratio Lower Upper

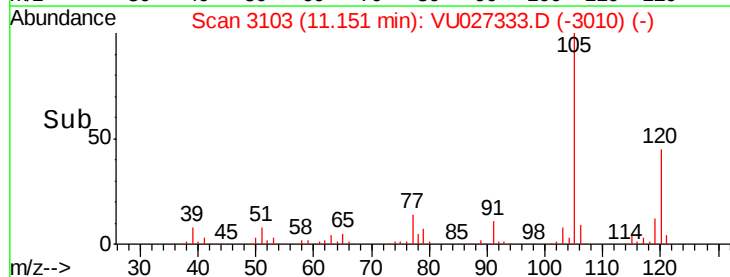
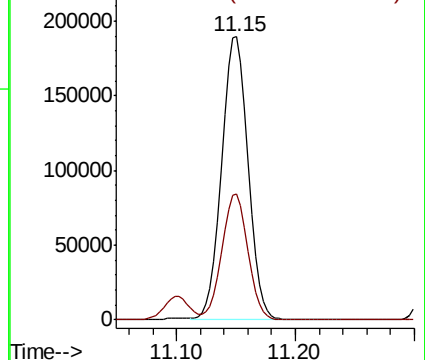
105 100

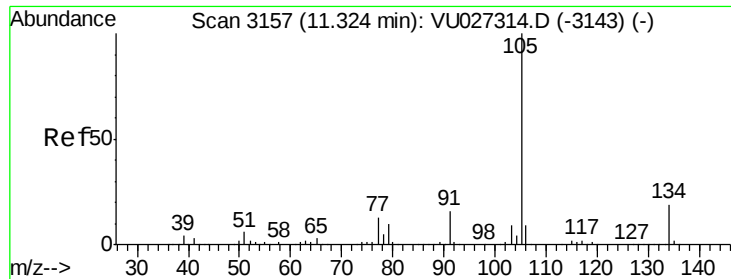
120 43.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

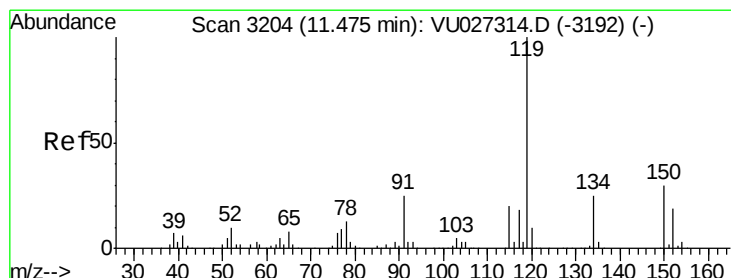
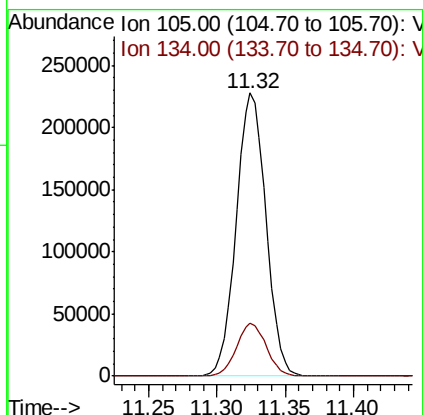
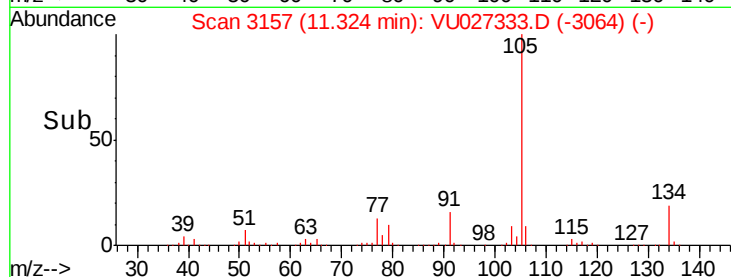
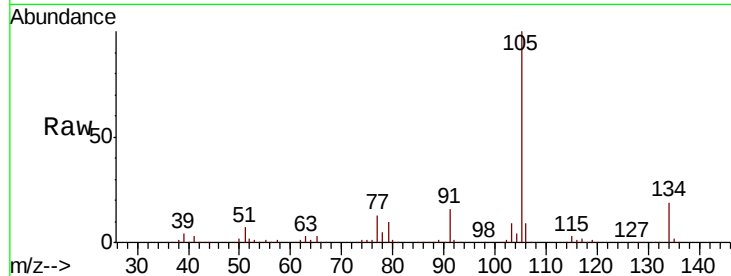




#85
 sec-Butylbenzene
 Concen: 51.548 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

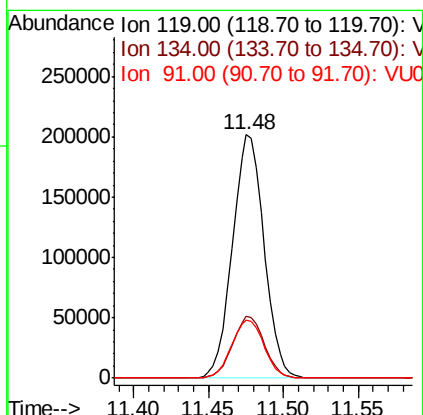
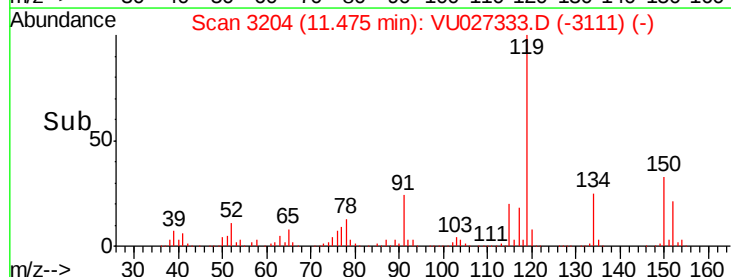
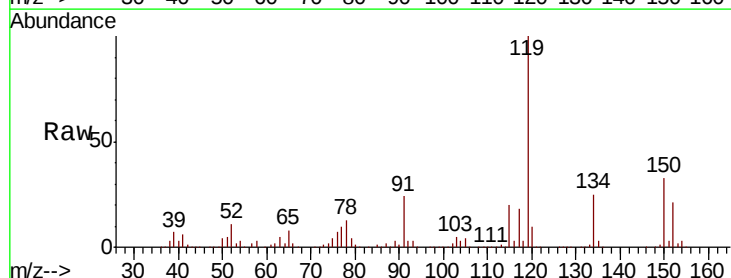
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

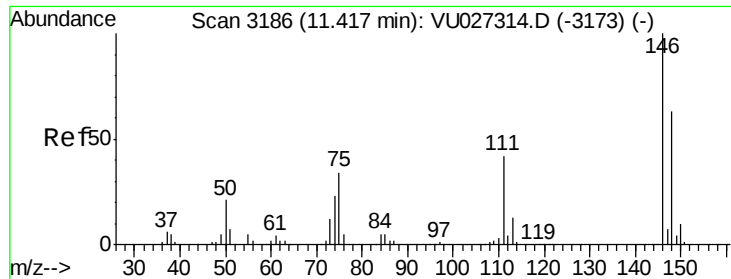
Tot Ion:105 Resp: 344481
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 51.628 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Tgt Ion:119 Resp: 295405
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 24.5 12.2 36.4

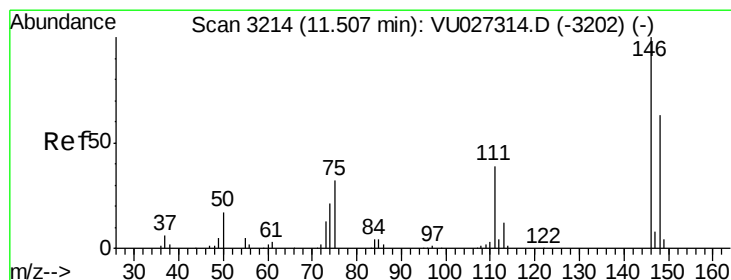
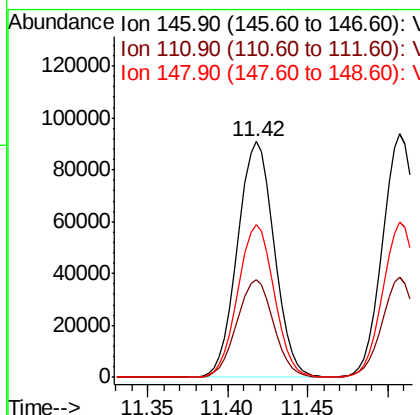
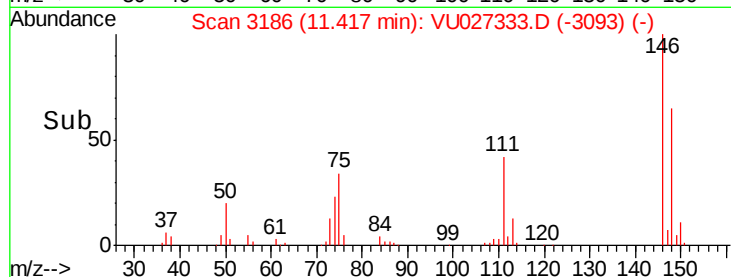
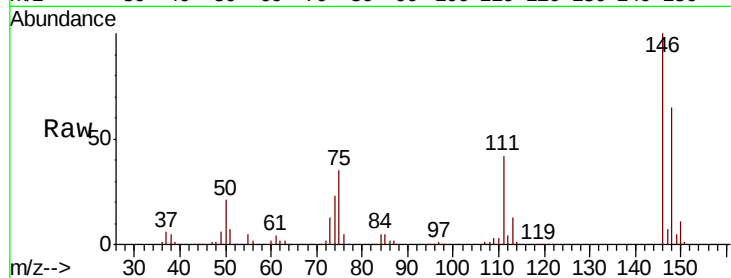




#87
 1,3-Dichlorobenzene
 Concen: 47.941 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

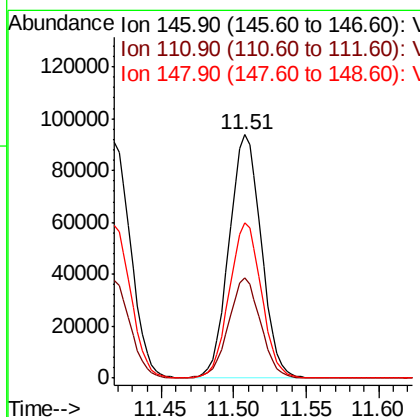
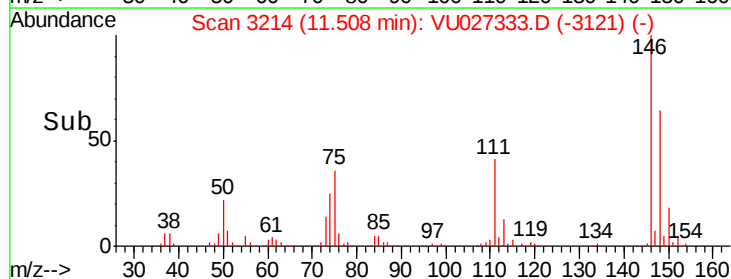
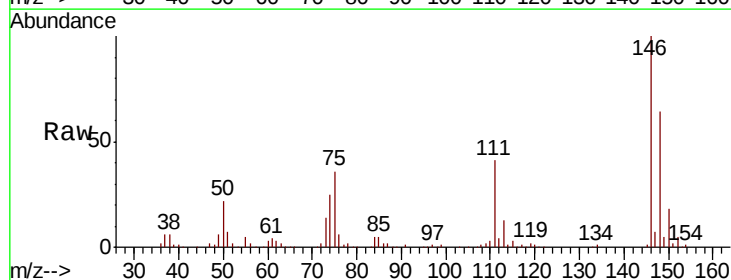
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

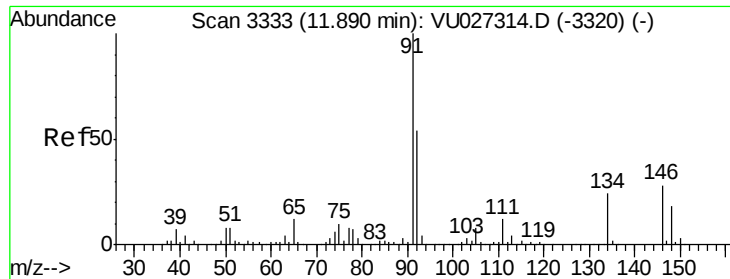
Tot Ion:146 Resp: 142170
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.5
 148 64.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 47.646 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Tgt Ion:146 Resp: 144384
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.4 61.2
 148 63.7 31.9 95.5

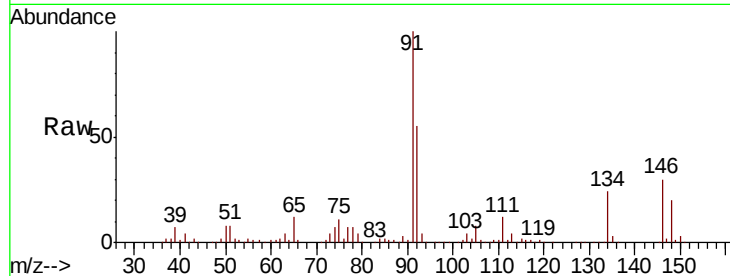




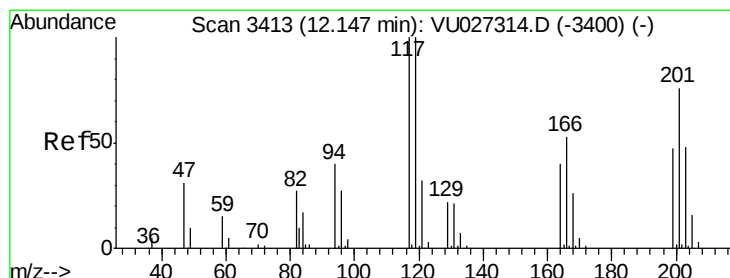
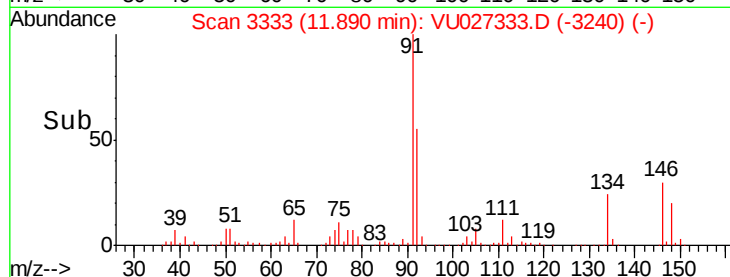
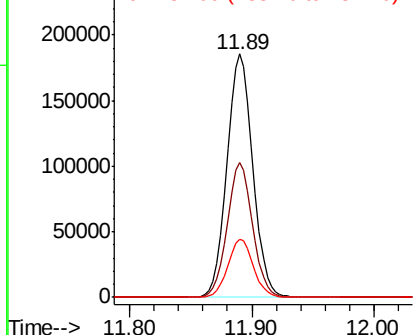
#89
n-Butylbenzene
Concen: 45.498 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 275152
Ion Ratio Lower Upper
91 100
92 54.1 27.0 81.0
134 23.5 11.7 35.1

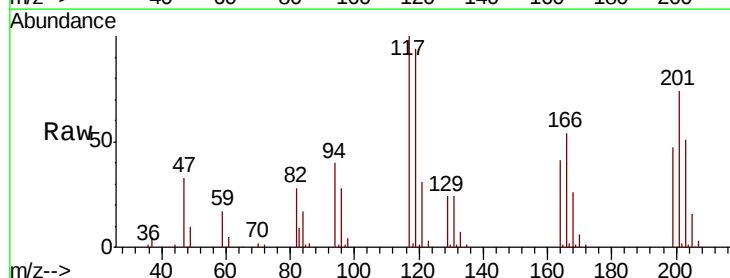


Abundance Ion 91.00 (90.70 to 91.70): VU027333.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU027333.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU027333.D (-3320) (-)

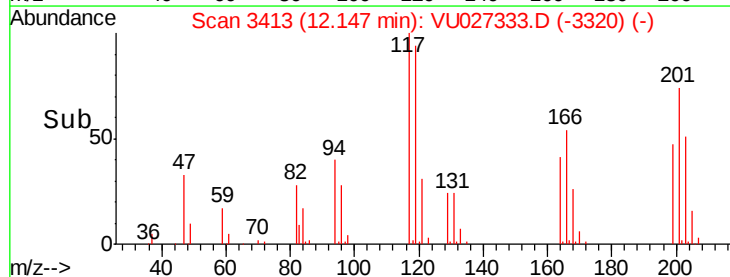
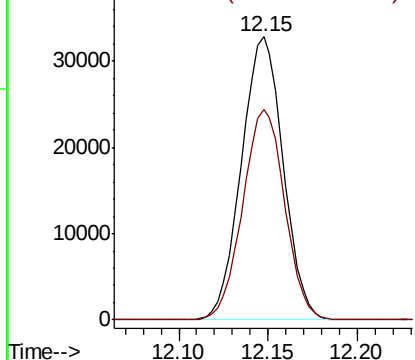


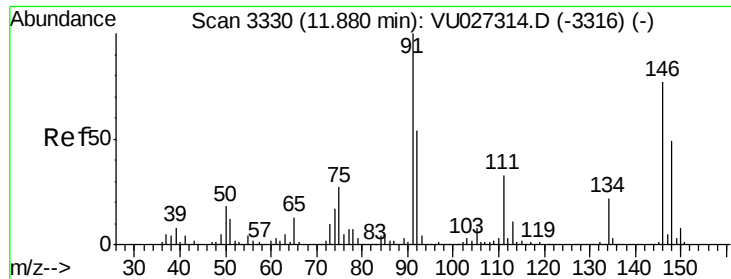
#90
Hexachloroethane
Concen: 49.780 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027333.D
Acq: 01 Oct 2018 21:06

Tgt Ion: 117 Resp: 53689
Ion Ratio Lower Upper
117 100
201 74.5 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VU027333.D (-3320) (-)
Ion 200.70 (200.40 to 201.40): VU027333.D (-3320) (-)

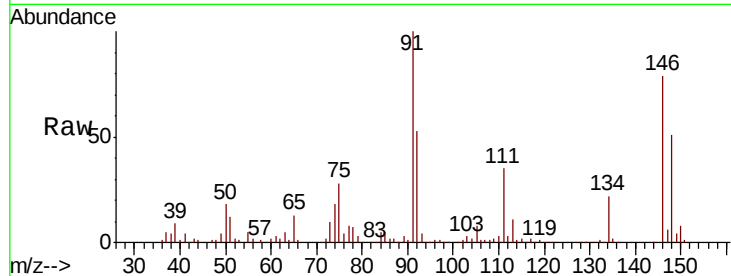




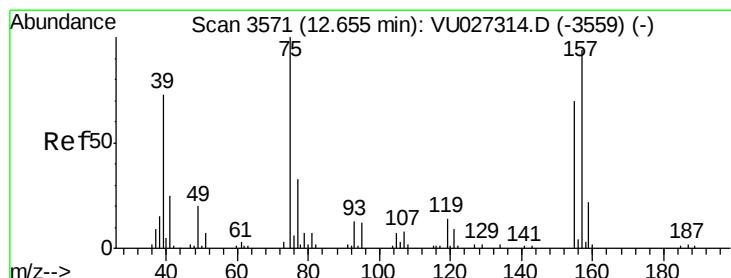
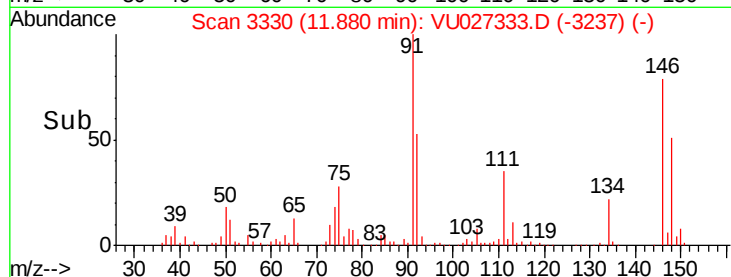
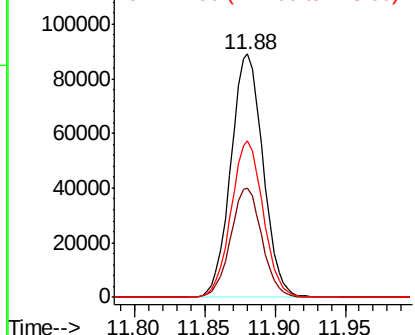
#91
 1,2-Dichlorobenzene
 Concen: 49.365 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 142496
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.4
 148 64.0 31.9 95.5

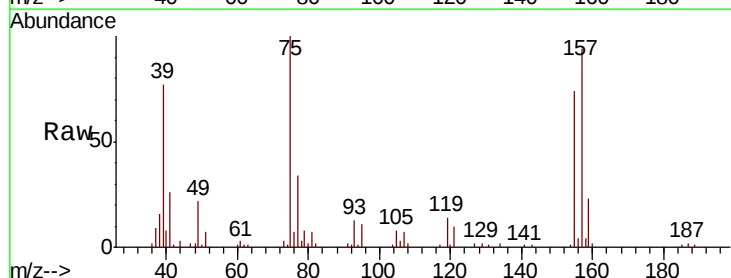


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

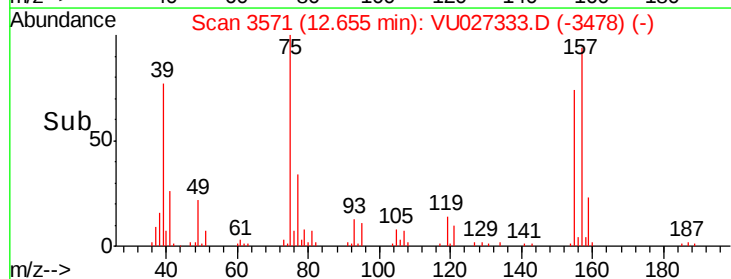
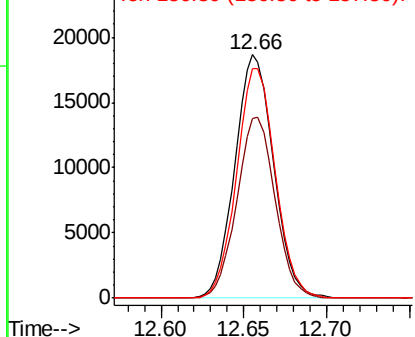


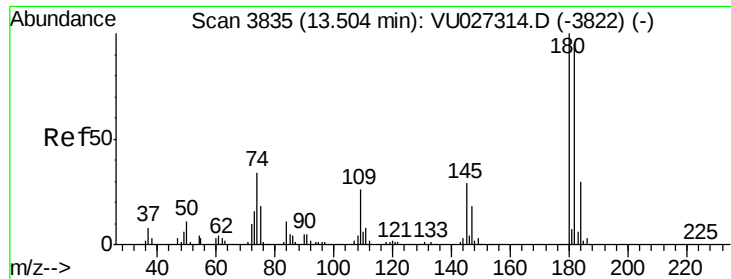
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.803 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Tgt Ion: 75 Resp: 30379
 Ion Ratio Lower Upper
 75 100
 155 73.2 35.9 107.8
 157 93.9 46.9 140.6



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

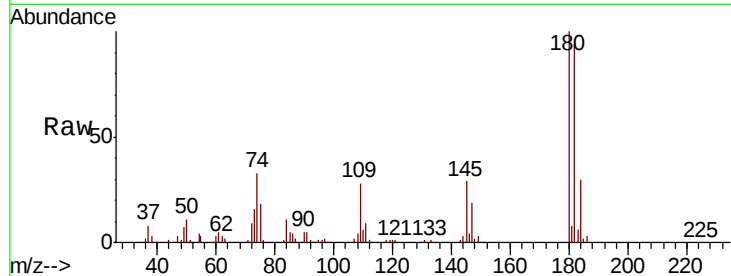




#93
 1,2,4-Trichlorobenzene
 Concen: 50.572 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.3
145	29.8	14.6	44.0

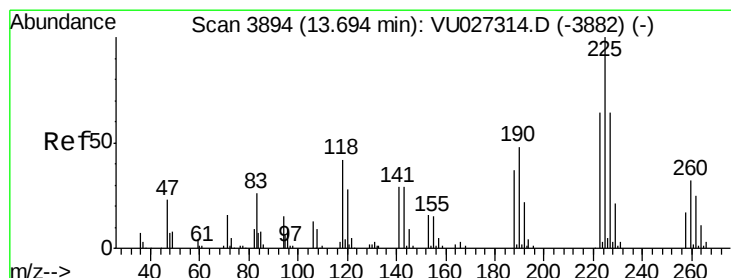
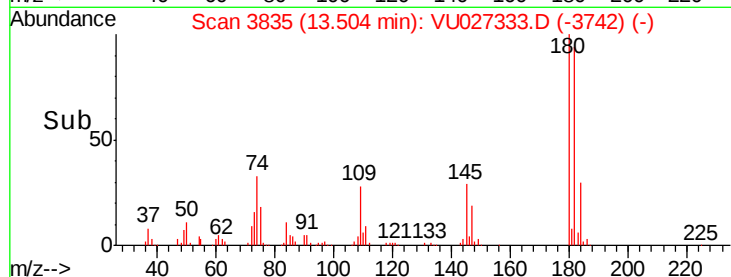
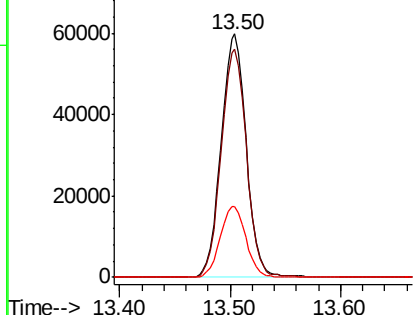


Abundance

Ion 179.80 (179.50 to 180.50): V

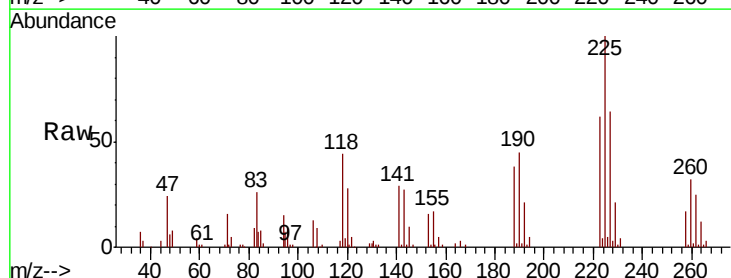
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.856 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027333.D
 Acq: 01 Oct 2018 21:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.8	95.3
227	63.7	31.9	95.7

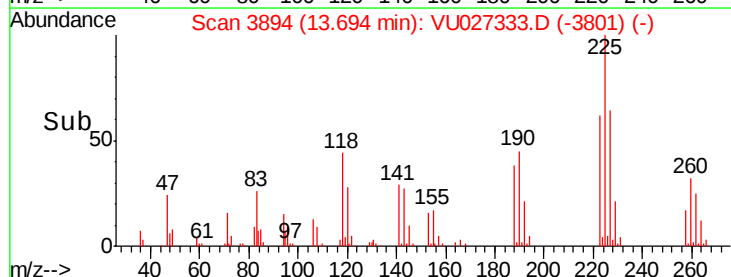
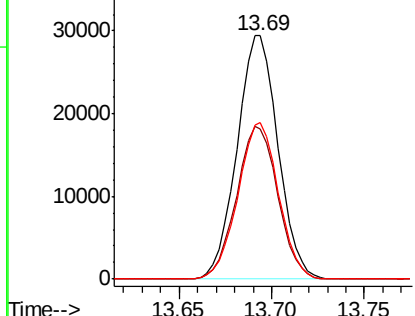


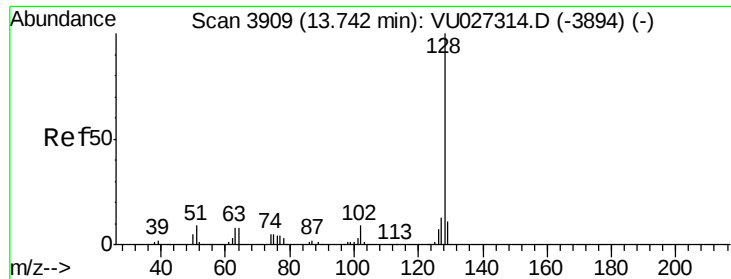
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.353 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

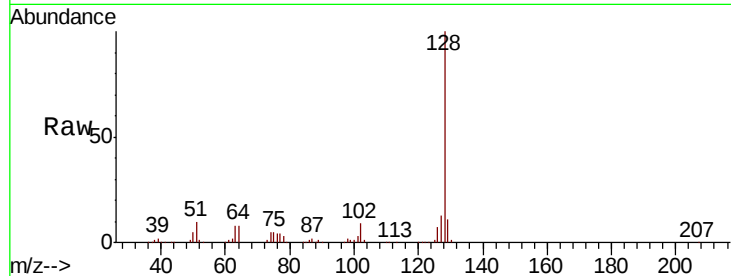
Tot Ion:128 Resp: 331530

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

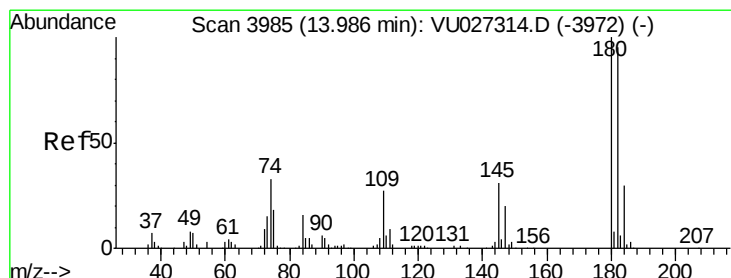
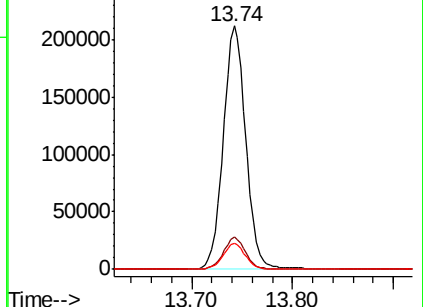
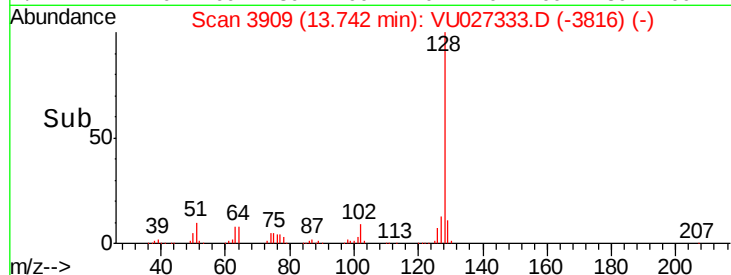
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.724 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU027333.D

Acq: 01 Oct 2018 21:06

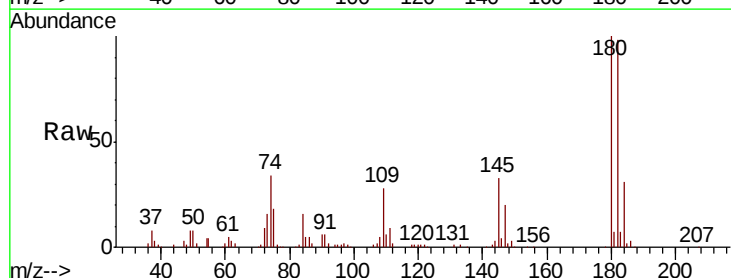
Tgt Ion:180 Resp: 96759

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.2

145 32.1 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

