

Data File : VU027553.D
Acq On : 10 Oct 2018 03:45
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 10 06:05:06 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	4.99	168	125717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	217432	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	200075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	100196	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98681	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	4.88	113	73411	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	7.57	98	277472	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	10.31	95	102849	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	85068	46.935	ug/l	99
3) Chloromethane	1.33	50	106525	43.412	ug/l	98
4) Vinyl Chloride	1.40	62	107335	46.532	ug/l	98
5) Bromomethane	1.62	94	64116	64.238	ug/l	99
6) Chloroethane	1.69	64	61836	44.612	ug/l	97
7) Trichlorofluoromethane	1.88	101	114043	48.727	ug/l	97
8) Diethyl Ether	2.11	74	51044	47.345	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	65360	48.087	ug/l	98
10) Methyl Iodide	2.41	142	57512	48.628	ug/l	98
11) Tert butyl alcohol	2.83	59	109829	248.443	ug/l	98
12) 1,1-Dichloroethene	2.28	96	62208	46.845	ug/l	98
13) Acrolein	2.20	56	41698	112.411	ug/l	99
14) Allyl chloride	2.59	41	140470	44.545	ug/l	99
15) Acrylonitrile	2.94	53	292669	254.365	ug/l	99
16) Acetone	2.32	43	240926	194.270	ug/l	98
17) Carbon Disulfide	2.48	76	191226	39.927	ug/l	100
18) Methyl Acetate	2.62	43	156430	55.293	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	267365	50.248	ug/l	98
20) Methylene Chloride	2.70	84	82013	47.476	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	70048	46.984	ug/l	99
22) Diisopropyl ether	3.58	45	315923	49.291	ug/l	99
23) Vinyl Acetate	3.53	43	1337813	239.008	ug/l	99
24) 1,1-Dichloroethane	3.45	63	160375	48.673	ug/l	99
25) 2-Butanone	4.26	43	410182	242.546	ug/l	99
26) 2,2-Dichloropropane	4.23	77	94925	35.061	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	83351	48.887	ug/l	95
28) Bromochloromethane	4.55	49	81671	51.376	ug/l	97
29) Tetrahydrofuran	4.64	42	268469	251.898	ug/l	98
30) Chloroform	4.67	83	145067	49.554	ug/l	99
31) Cyclohexane	5.00	56	148691	44.135	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	120595	48.913	ug/l	99
36) 1,1-Dichloropropene	5.14	75	111930	47.412	ug/l	99
37) Ethyl Acetate	4.38	43	153077	50.171	ug/l	98
38) Carbon Tetrachloride	5.14	117	101530	47.609	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	125658	45.533	ug/l	98
40) Benzene	5.39	78	328683	47.796	ug/l	100
41) Methacrylonitrile	4.54	41	87120	50.518	ug/l	99
42) 1,2-Dichloroethane	5.41	62	122038	47.809	ug/l	100
43) Isopropyl Acetate	5.55	43	239484	50.538	ug/l	99
44) Trichloroethene	6.19	130	72361	47.190	ug/l	98
45) 1,2-Dichloropropane	6.43	63	96305	48.553	ug/l	98
46) Dibromomethane	6.56	93	55804	49.814	ug/l	98
47) Bromodichloromethane	6.76	83	111271	47.868	ug/l	99
48) Methyl methacrylate	6.62	41	119951	50.902	ug/l	99
49) 1,4-Dioxane	6.61	88	40731	1004.575	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	783950	254.589	ug/l	99
52) Toluene	7.64	92	197141	48.434	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	127588	46.814	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	138425	47.245	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	80481	49.870	ug/l	99
56) Ethyl methacrylate	8.02	69	141497	45.977	ug/l	97
57) 1,3-Dichloropropane	8.24	76	151430	48.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	397774	234.891	ug/l	98
59) 2-Hexanone	8.36	43	600839	251.537	ug/l	98
60) Dibromochloromethane	8.48	129	81263	50.206	ug/l	100
61) 1,2-Dibromoethane	8.59	107	83701	48.781	ug/l	99
64) Tetrachloroethene	8.23	164	60258	48.380	ug/l	98
65) Chlorobenzene	9.12	112	206442	49.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	74146	51.000	ug/l	98
67) Ethyl Benzene	9.25	91	368922	49.444	ug/l	99
68) m/p-Xylenes	9.38	106	276261	101.221	ug/l	99
69) o-Xylene	9.78	106	134823	51.983	ug/l	98
70) Styrene	9.79	104	223697	46.318	ug/l	100
71) Bromoform	9.96	173	60862	52.032	ug/l #	99
73) Isopropylbenzene	10.17	105	365498	50.226	ug/l	100
74) N-amyl acetate	10.02	43	211337	50.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	141030	49.356	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	166509	64.108	ug/l	86
77) Bromobenzene	10.45	156	84329	49.863	ug/l	98
78) n-propylbenzene	10.59	91	434315	49.668	ug/l	100
79) 2-Chlorotoluene	10.66	91	255097	48.316	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	304068	51.323	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	166509	167.778	ug/l #	100
82) 4-Chlorotoluene	10.77	91	293876	49.049	ug/l	98
83) tert-Butylbenzene	11.10	119	291406	50.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	310453	51.298	ug/l	100
85) sec-Butylbenzene	11.32	105	369875	51.253	ug/l	99
86) p-Isopropyltoluene	11.48	119	314887	50.962	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	154131	48.130	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	157314	48.072	ug/l	100
89) n-Butylbenzene	11.89	91	292624	44.838	ug/l	100
90) Hexachloroethane	12.15	117	57577	49.436	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	157197	50.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	32401	51.164	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Quantitation Report (Not Reviewed)

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Instrument :
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VSTDCCC050EC

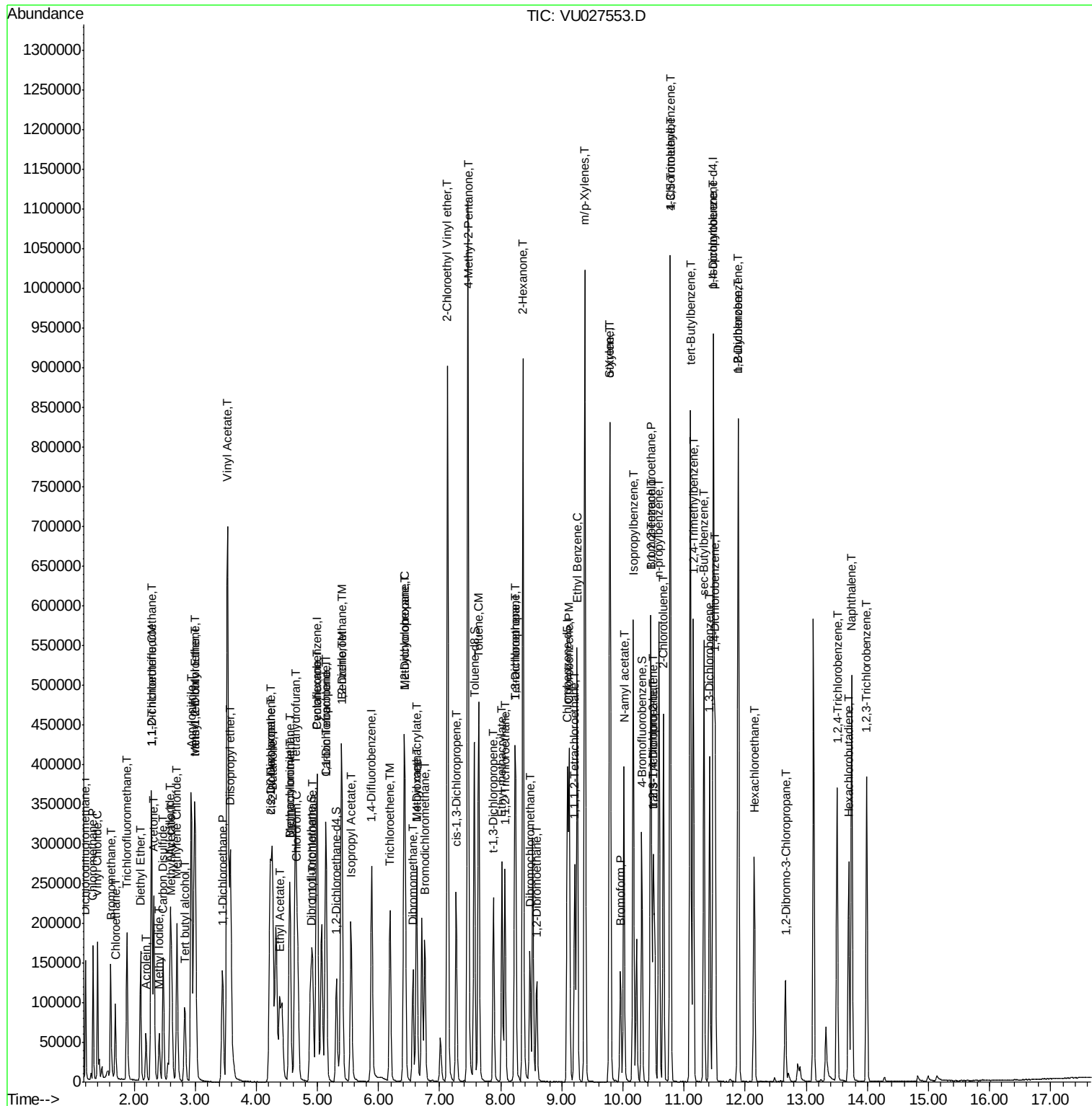
Quant Time: Oct 10 06:05:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
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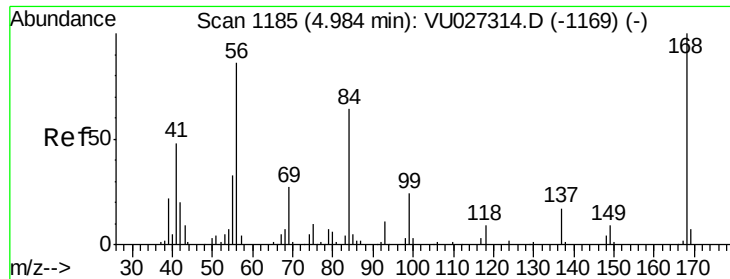
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	108277	53.682	ug/l	99
94) Hexachlorobutadiene	13.69	225	51694	50.726	ug/l	98
95) Naphthalene	13.74	128	379894	50.145	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	112725	53.644	ug/l	100

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

Instrument :
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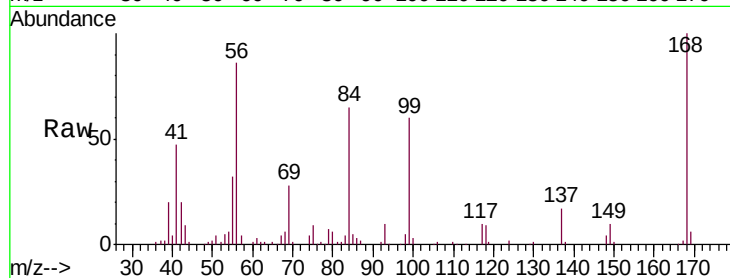




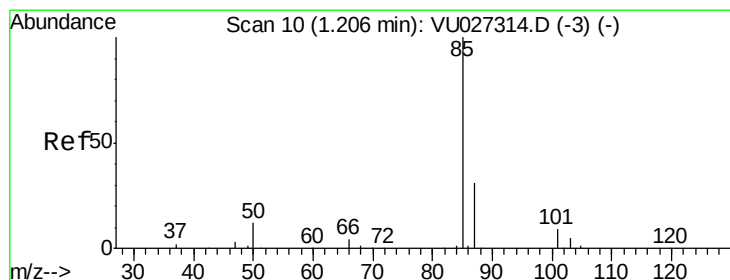
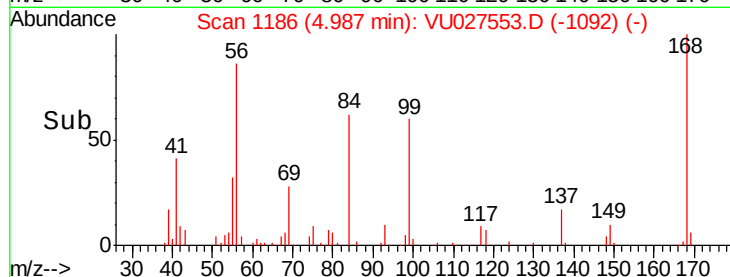
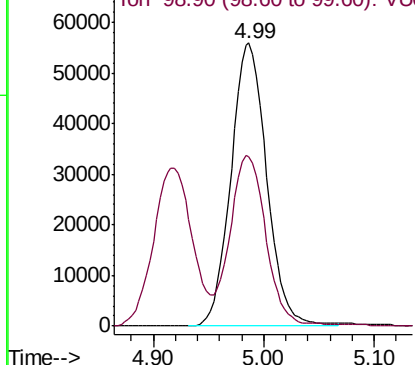
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027553.D
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MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 125717
Ion Ratio Lower Upper
168 100
99 59.2 50.8 76.2

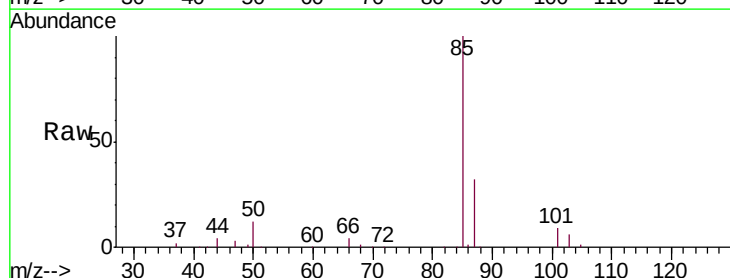


Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

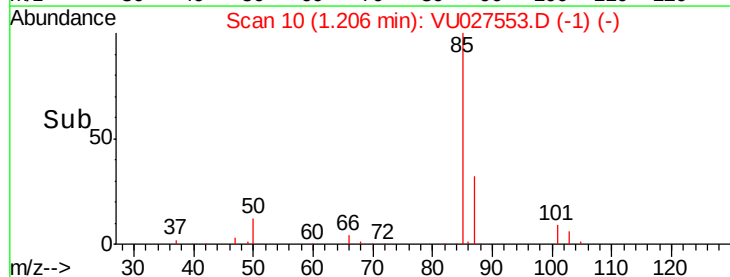
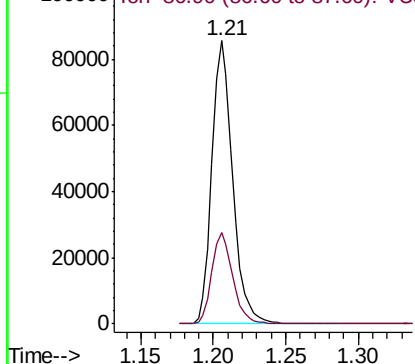


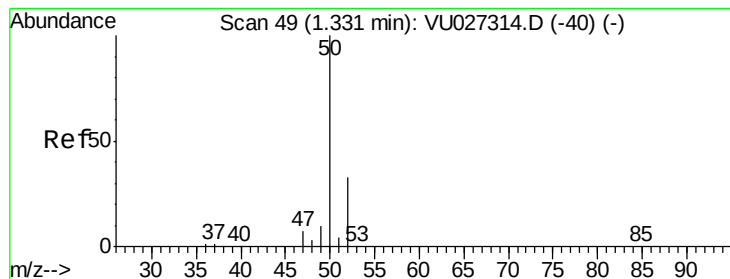
#2
Dichlorodifluoromethane
Concen: 46.935 ug/l
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 85 Resp: 85068
Ion Ratio Lower Upper
85 100
87 32.2 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) (-)





#3

Chloromethane

Concen: 43.412 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

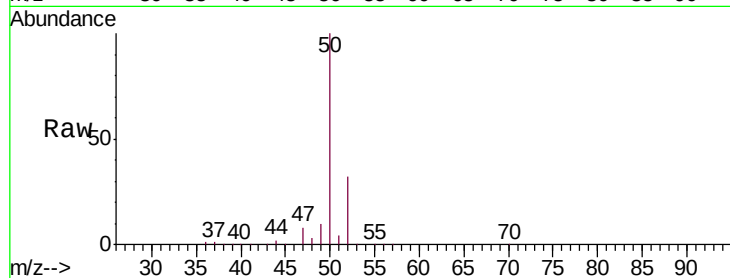
VSTDCCC050EC

Tgt Ion: 50 Resp: 106525

Ion Ratio Lower Upper

50 100

52 31.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

100000

80000

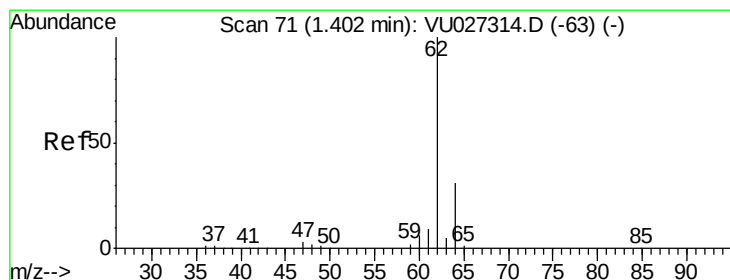
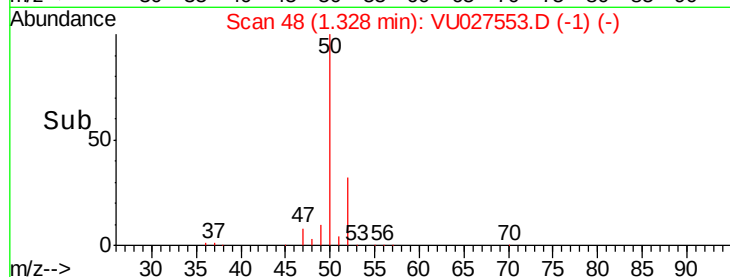
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 46.532 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027553.D

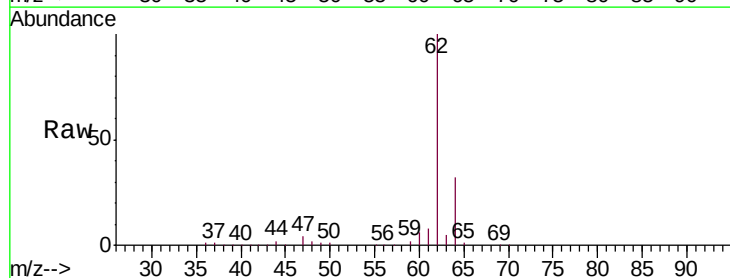
Acq: 10 Oct 2018 03:45

Tgt Ion: 62 Resp: 107335

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

120000

100000

80000

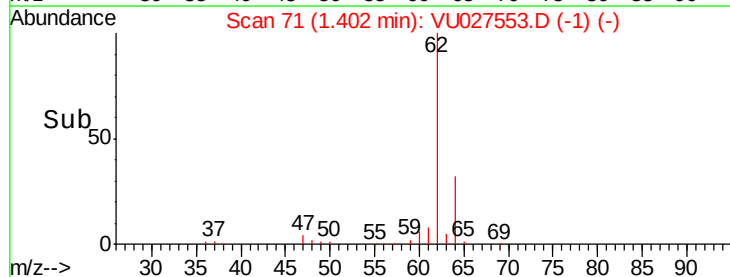
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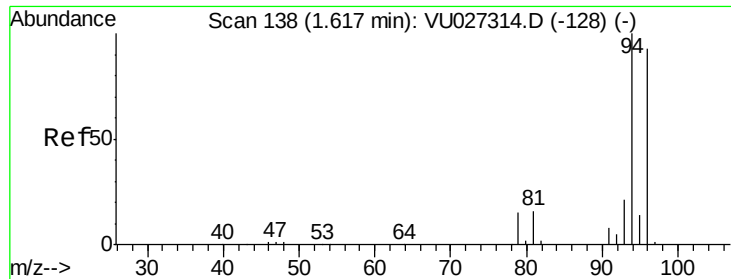
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20000

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Time-->

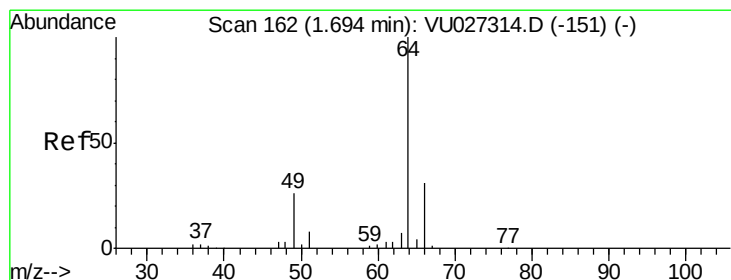
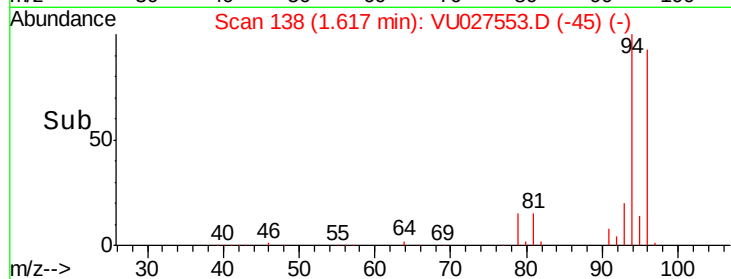
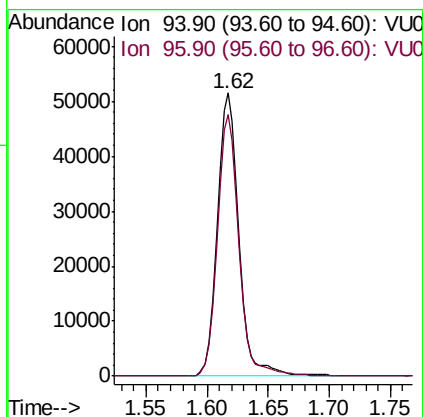
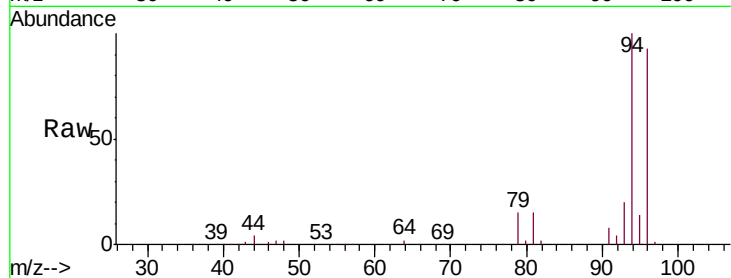




#5
Bromomethane
Concen: 64.238 ug/l
RT: 1.62 min Scan# 138
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

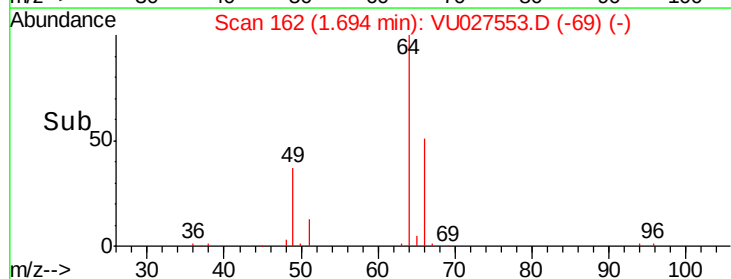
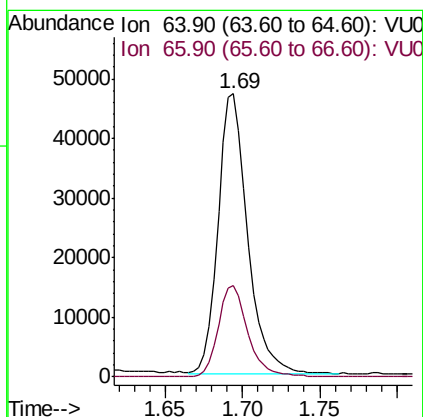
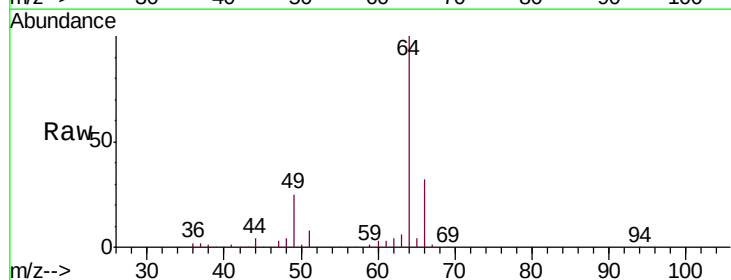
Instrument :
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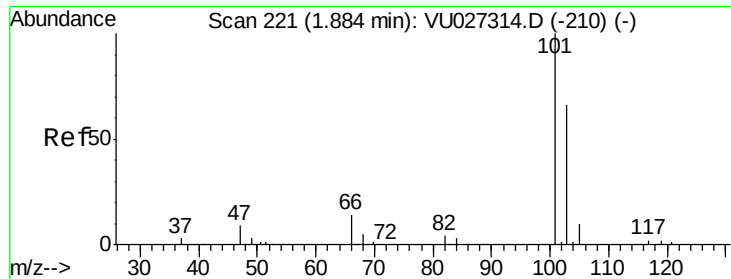
Tgt Ion: 94 Resp: 64116
Ion Ratio Lower Upper
94 100
96 92.6 74.6 111.8



#6
Chloroethane
Concen: 44.612 ug/l
RT: 1.69 min Scan# 162
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 64 Resp: 61836
Ion Ratio Lower Upper
64 100
66 32.5 24.6 36.8



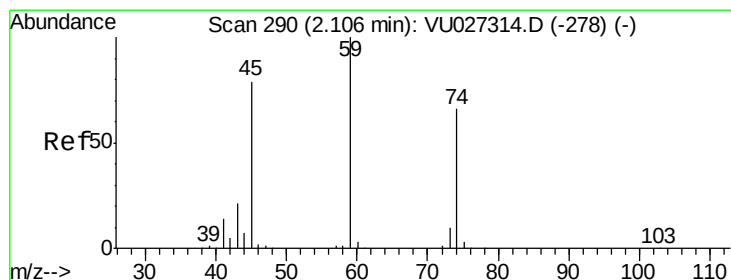
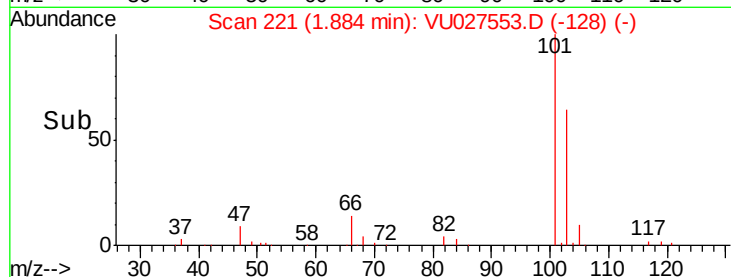
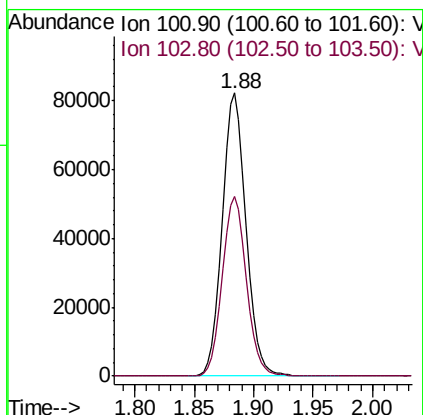
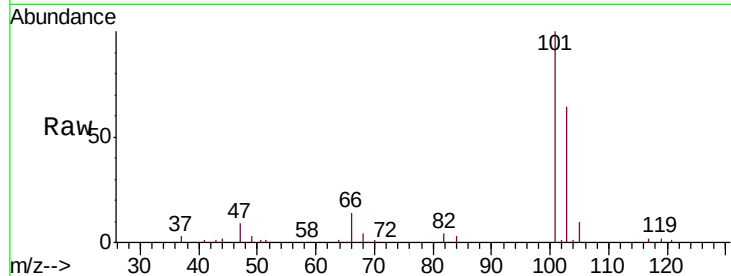


#7

Trichlorofluoromethane
 Concen: 48.727 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
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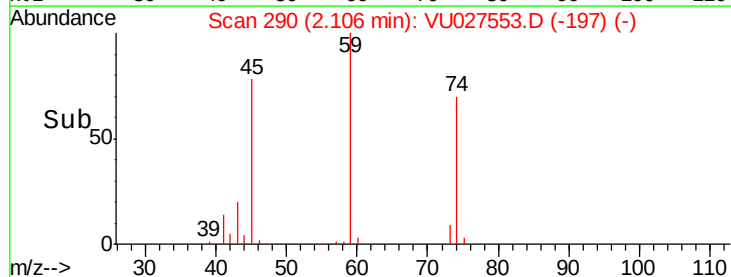
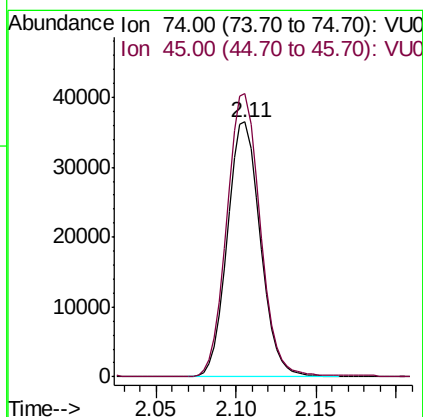
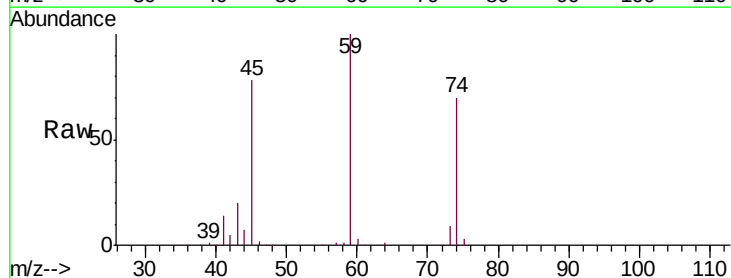
Tgt Ion:101 Resp: 114043
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.6 78.8

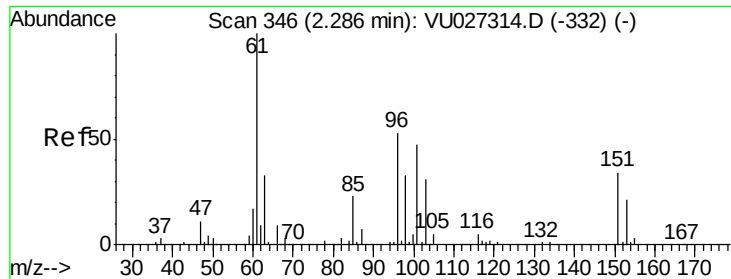


#8

Diethyl Ether
 Concen: 47.345 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Tgt Ion: 74 Resp: 51044
 Ion Ratio Lower Upper
 74 100
 45 112.8 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.087 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

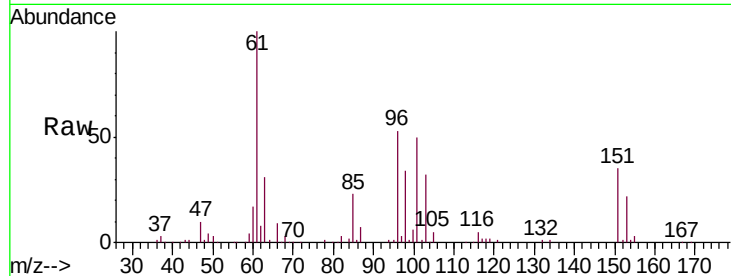
Tgt Ion:101 Resp: 65360

Ion Ratio Lower Upper

101 100

85 44.8 37.5 56.3

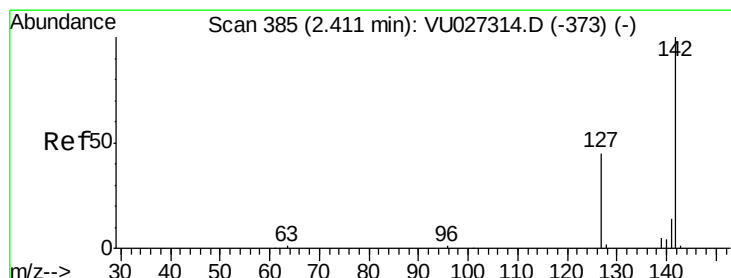
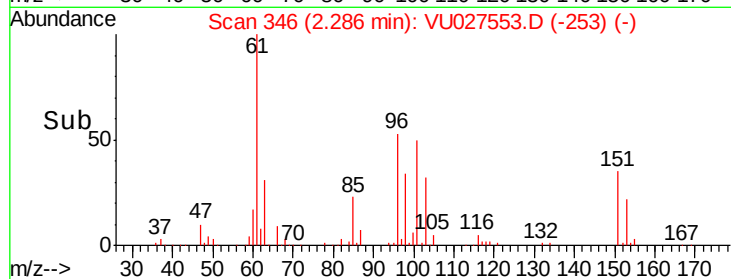
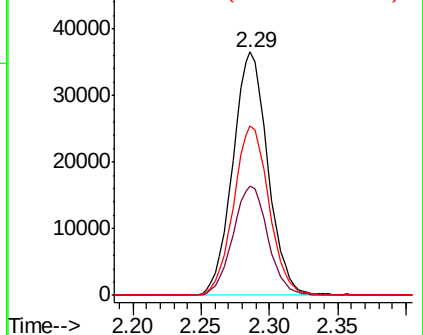
151 70.2 55.6 83.4



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: 48.628 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

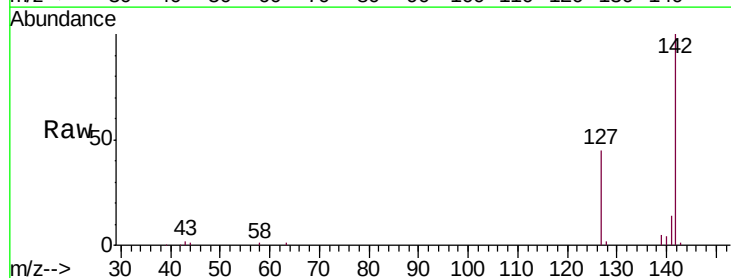
Tgt Ion:142 Resp: 57512

Ion Ratio Lower Upper

142 100

127 43.7 36.3 54.5

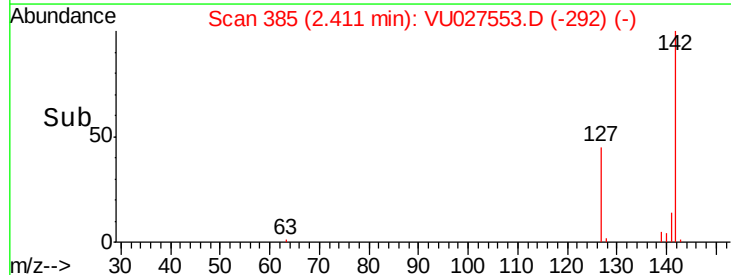
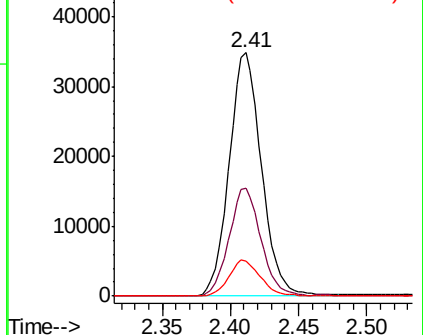
141 14.5 11.6 17.4

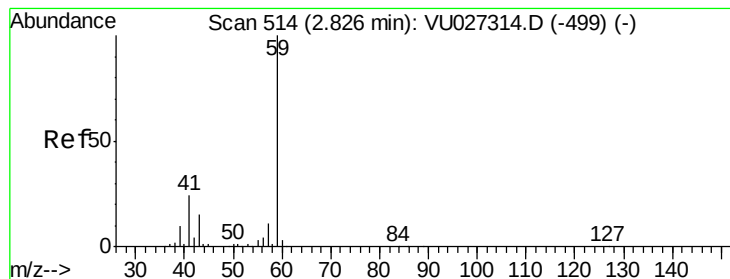


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



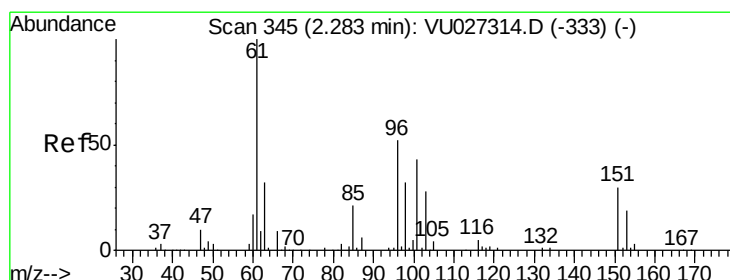
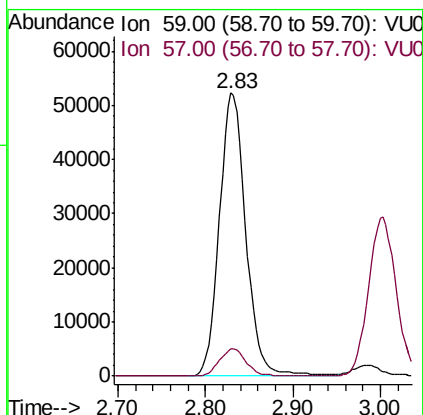
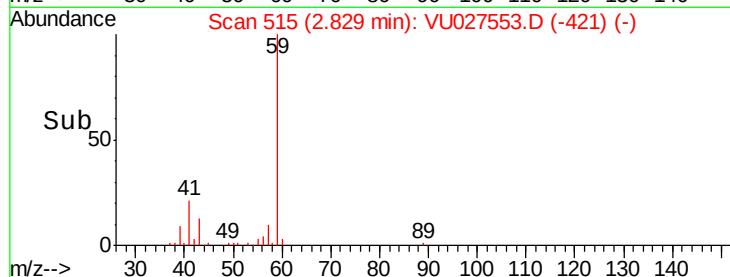
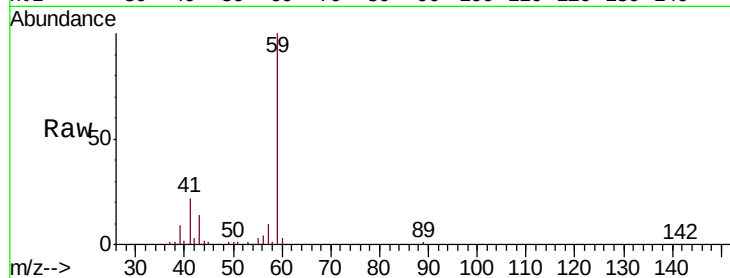


#11

Tert butyl alcohol
Concen: 248.443 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

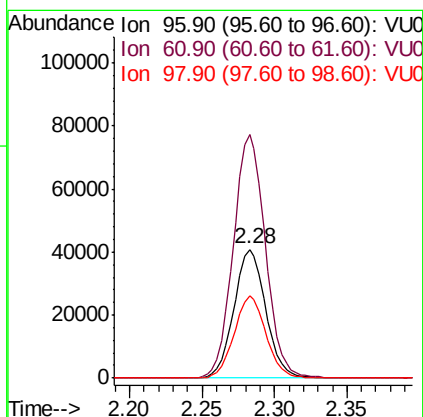
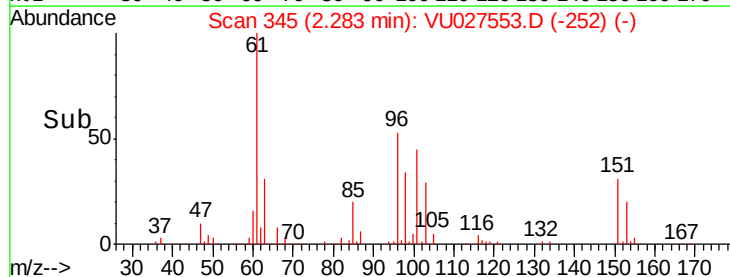
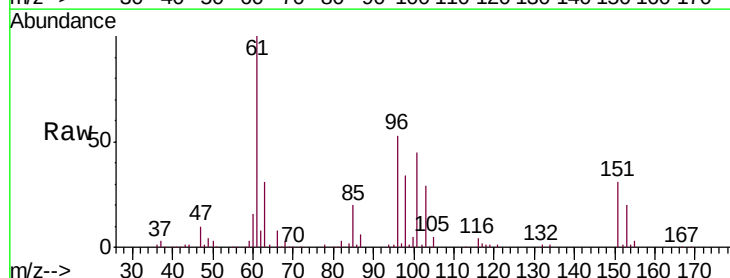
Tgt Ion: 59 Resp: 109829
Ion Ratio Lower Upper
59 100
57 9.8 8.4 12.6

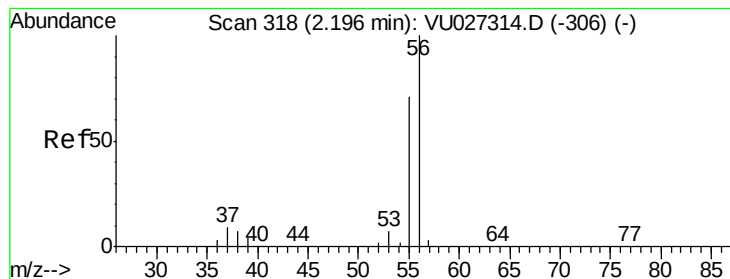


#12

1,1-Dichloroethene
Concen: 46.845 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 96 Resp: 62208
Ion Ratio Lower Upper
96 100
61 189.5 153.0 229.6
98 63.7 49.3 73.9





#13

Acrolein

Concen: 112.411 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

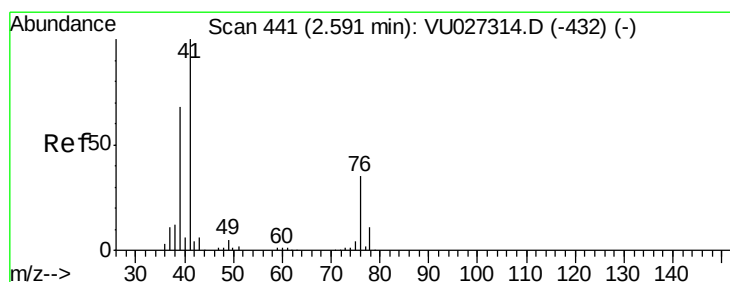
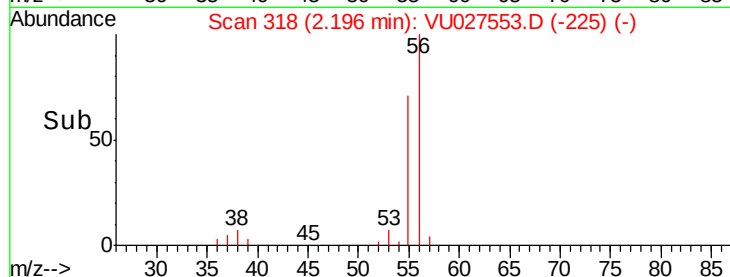
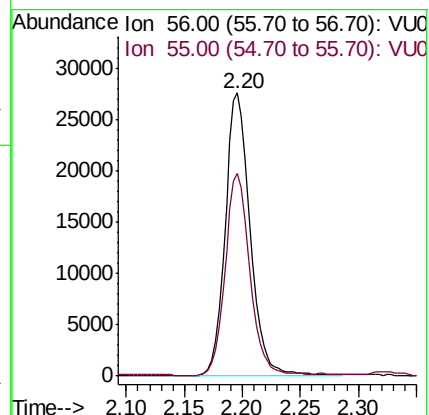
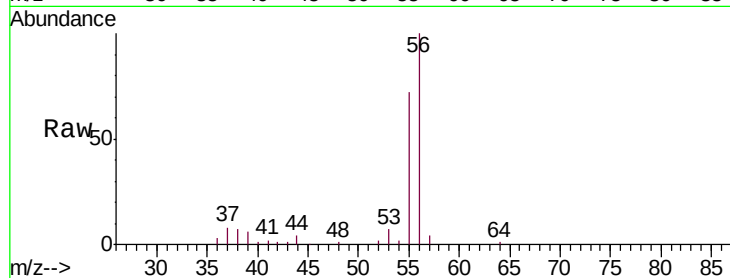
VSTDCCC050EC

Tgt Ion: 56 Resp: 41698

Ion Ratio Lower Upper

56 100

55 71.4 57.7 86.5



#14

Allyl chloride

Concen: 44.545 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

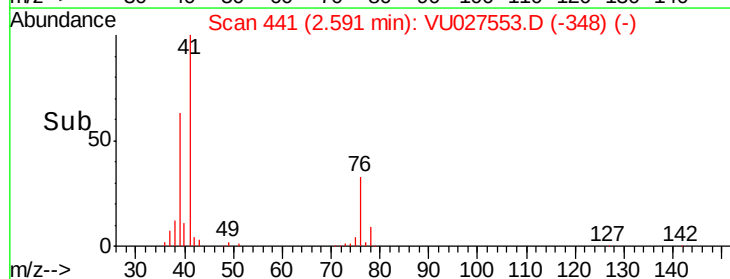
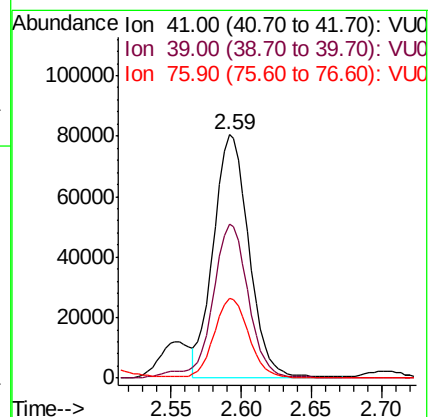
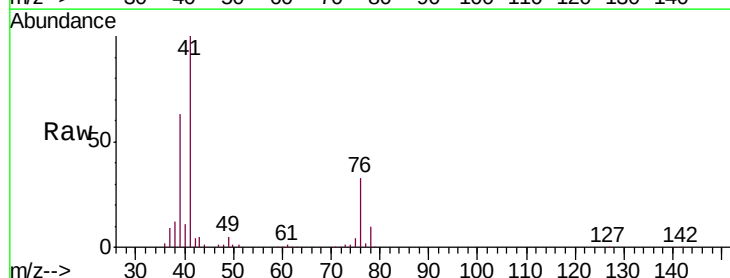
Tgt Ion: 41 Resp: 140470

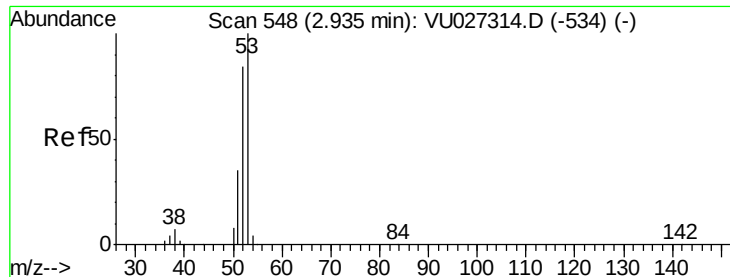
Ion Ratio Lower Upper

41 100

39 64.0 51.8 77.8

76 32.2 25.9 38.9





#15

Acrylonitrile

Concen: 254.365 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

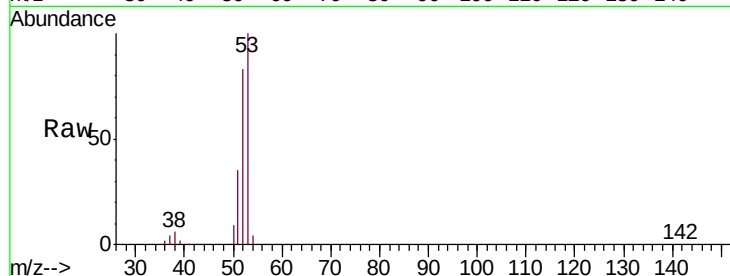
Tgt Ion: 53 Resp: 292669

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

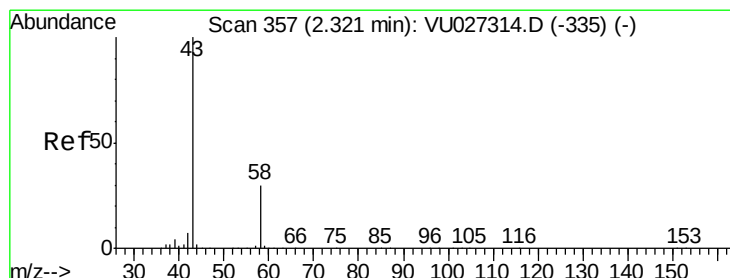
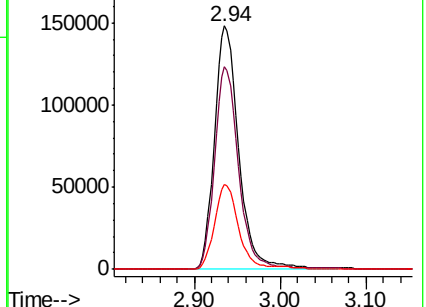
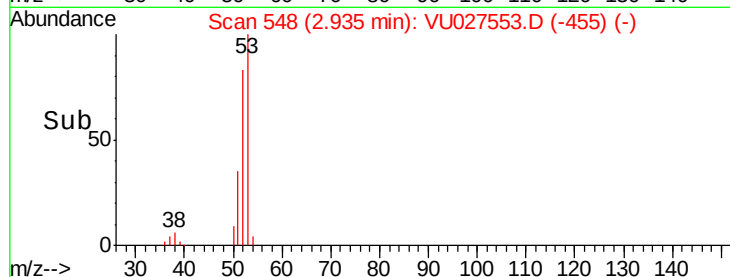
51 35.4 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 194.270 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027553.D

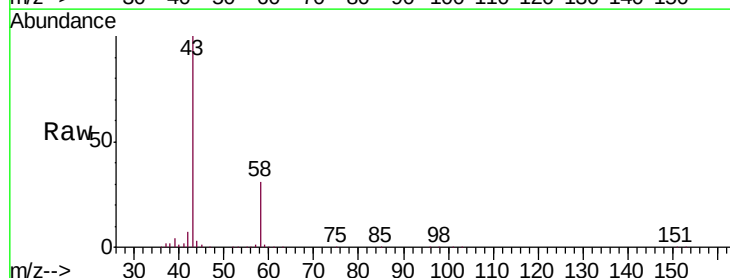
Acq: 10 Oct 2018 03:45

Tgt Ion: 43 Resp: 240926

Ion Ratio Lower Upper

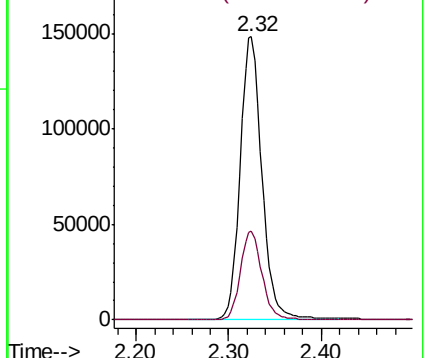
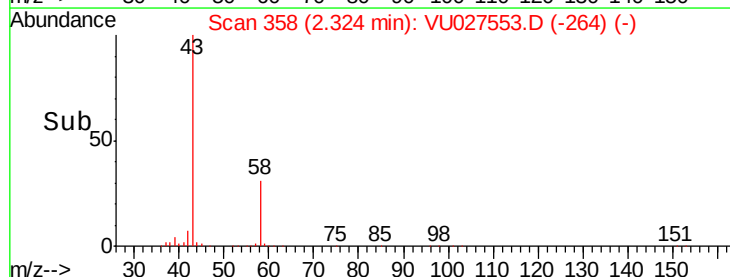
43 100

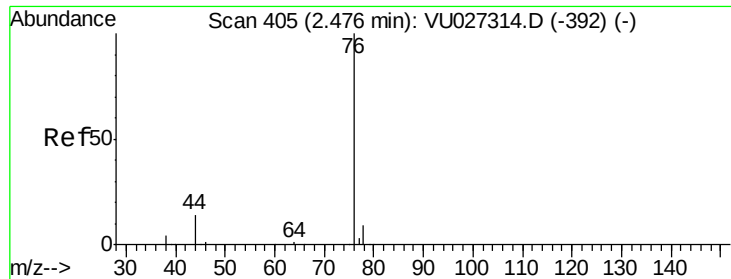
58 31.2 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

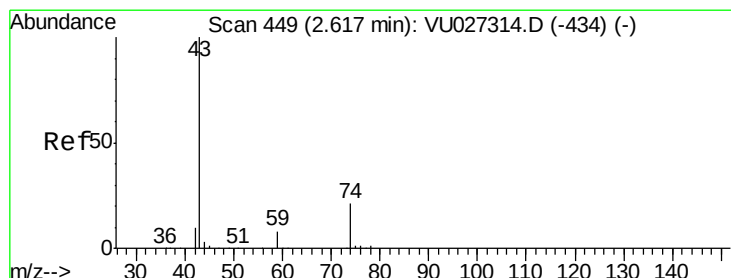
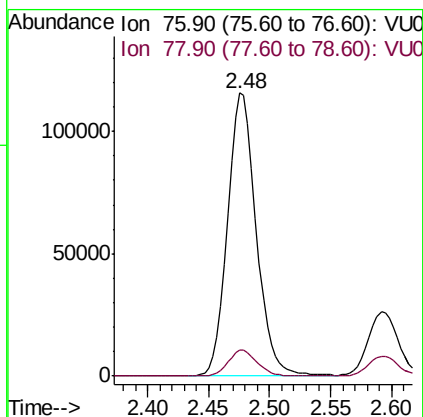
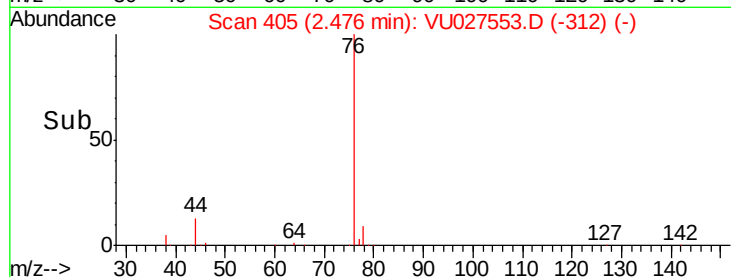
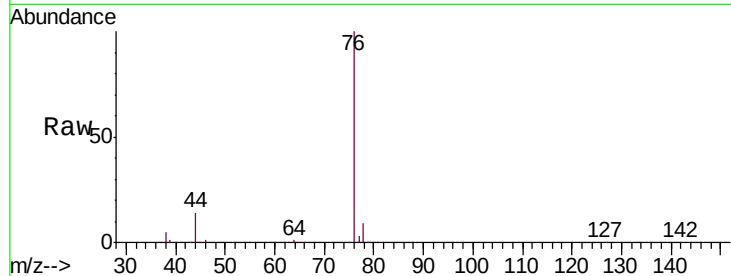




#17
Carbon Disulfide
Concen: 39.927 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

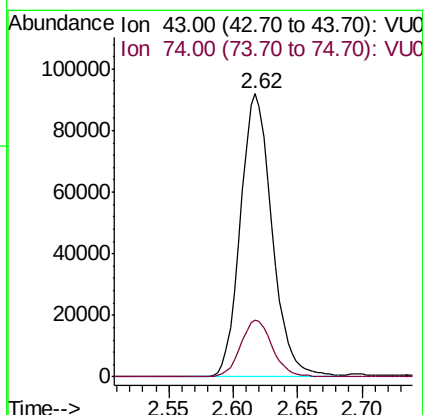
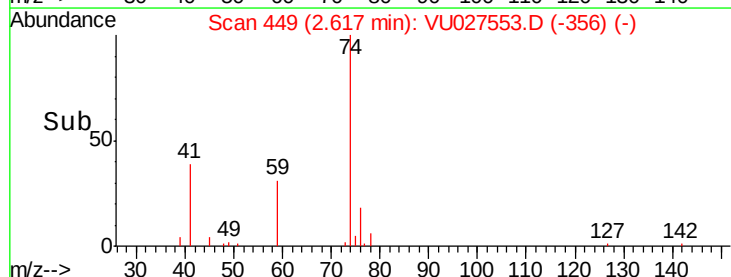
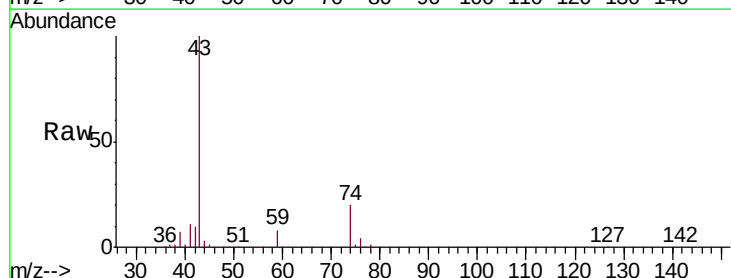
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

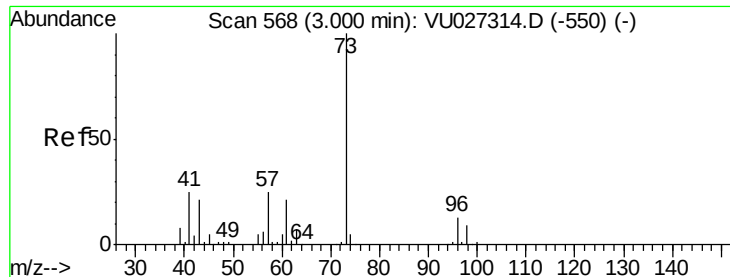
Tgt Ion: 76 Resp: 191226
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 55.293 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 43 Resp: 156430
Ion Ratio Lower Upper
43 100
74 20.5 16.5 24.7



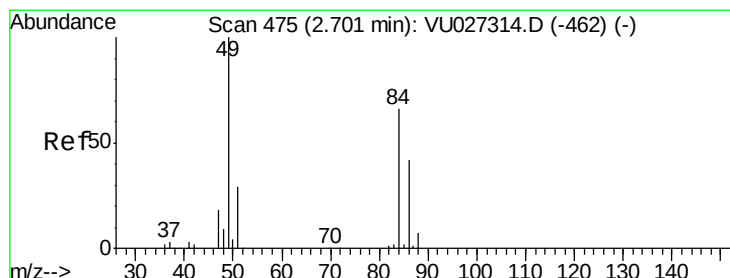
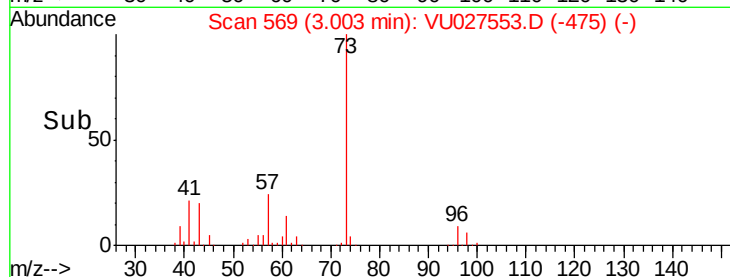
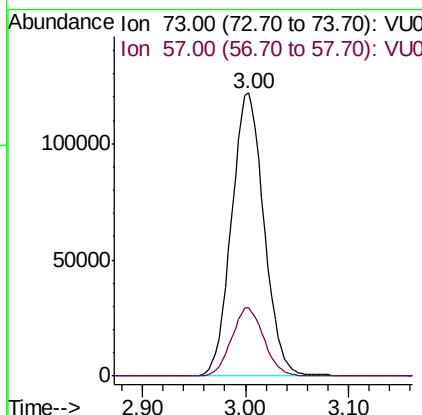
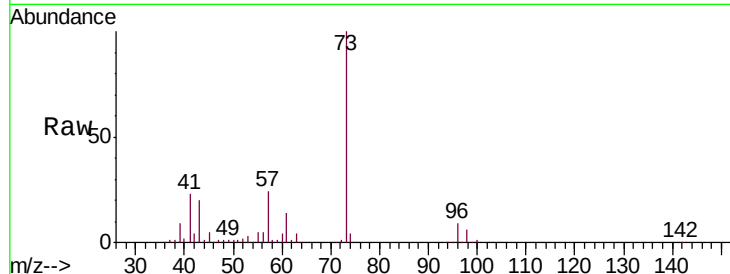


#19

Methyl tert-butyl Ether
 Concen: 50.248 ug/l
 RT: 3.00 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

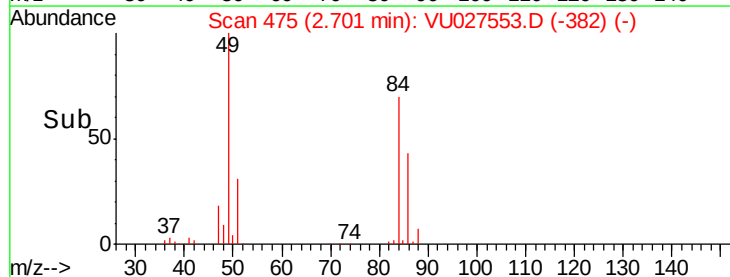
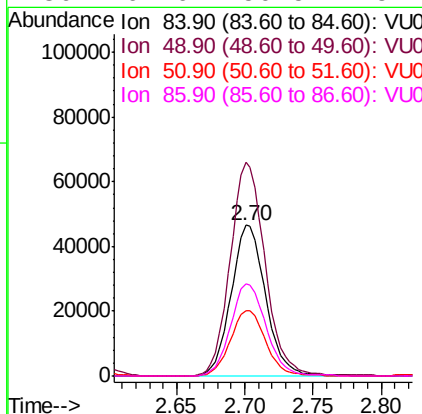
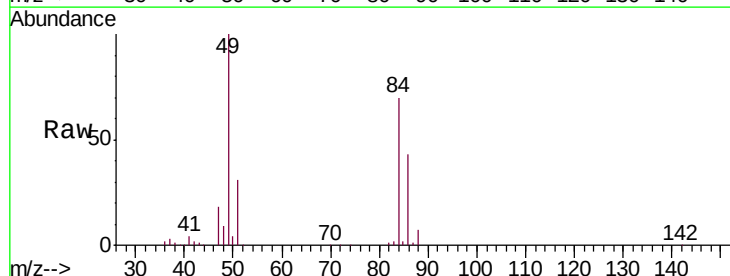
Tgt Ion: 73 Resp: 267365
 Ion Ratio Lower Upper
 73 100
 57 24.2 20.0 30.0

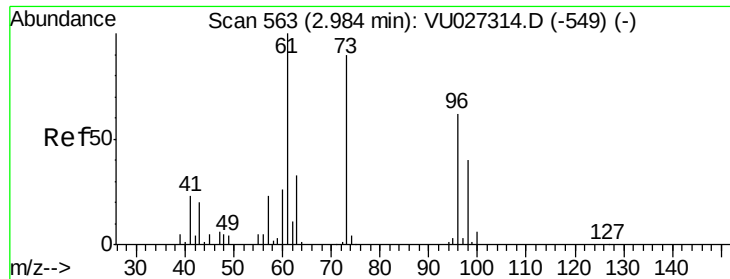


#20

Methylene Chloride
 Concen: 47.476 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Tgt Ion: 84 Resp: 82013
 Ion Ratio Lower Upper
 84 100
 49 142.0 120.5 180.7
 51 43.5 35.1 52.7
 86 61.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 46.984 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

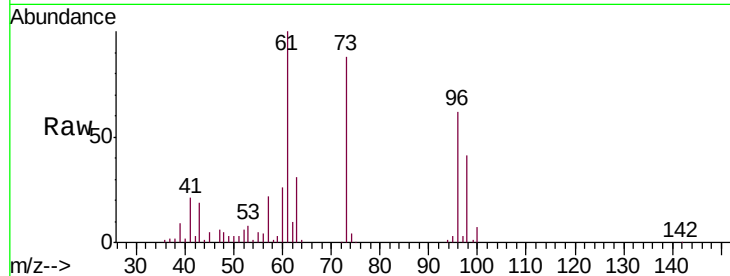
Tgt Ion: 96 Resp: 70048

Ion Ratio Lower Upper

96 100

61 160.4 129.4 194.2

98 65.9 51.2 76.8

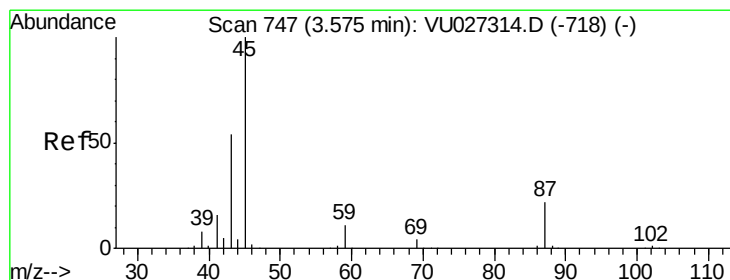
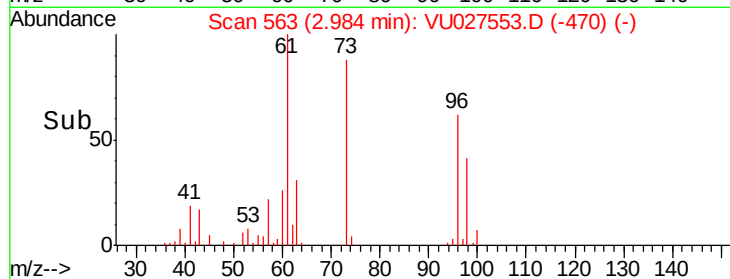
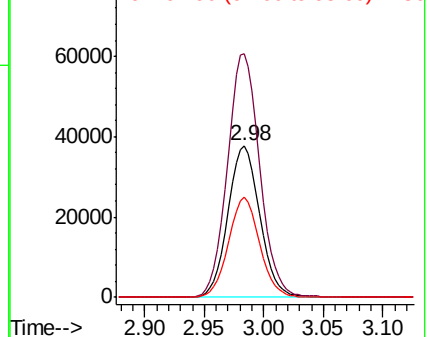


Abundance

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: 49.291 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Tgt Ion: 45 Resp: 315923

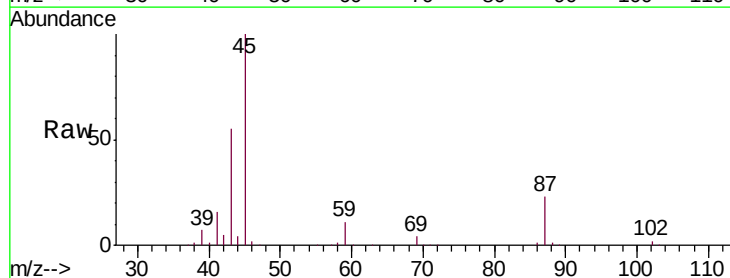
Ion Ratio Lower Upper

45 100

43 54.0 43.4 65.2

87 22.6 17.5 26.3

59 11.0 8.6 13.0



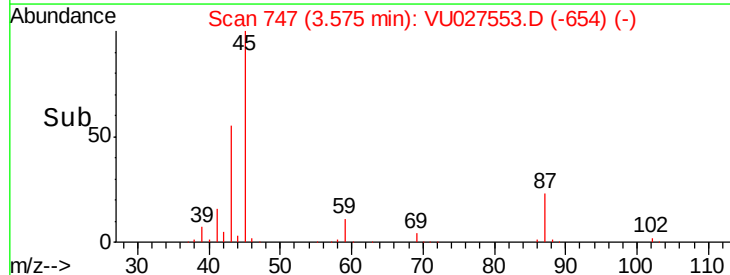
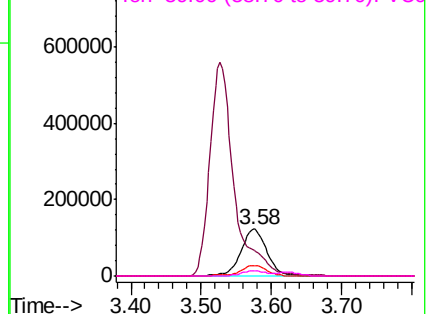
Abundance

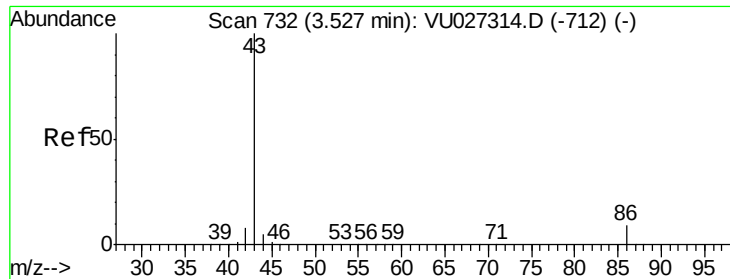
Ion 45.00 (44.70 to 45.70): VU0

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: 239.008 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

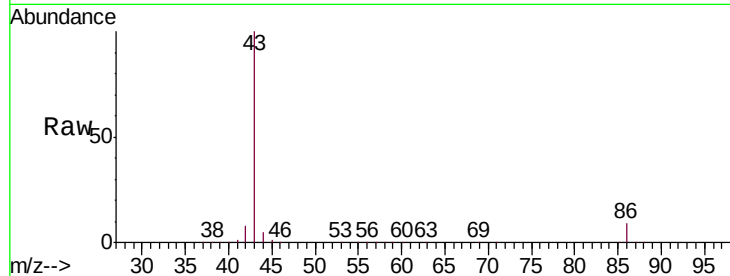
VSTDCCC050EC

Tgt Ion: 43 Resp: 1337813

Ion Ratio Lower Upper

43 100

86 9.0 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

600000

500000

400000

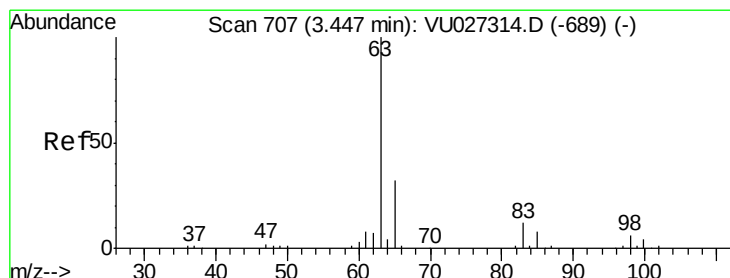
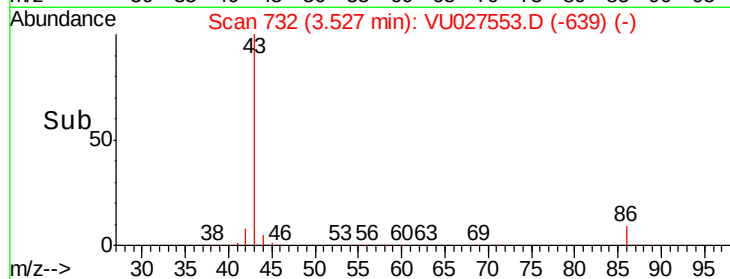
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.673 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

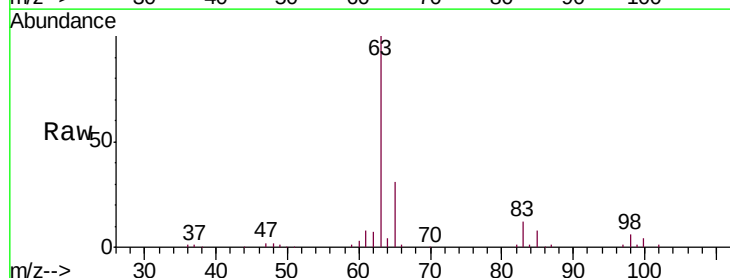
Tgt Ion: 63 Resp: 160375

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.9 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

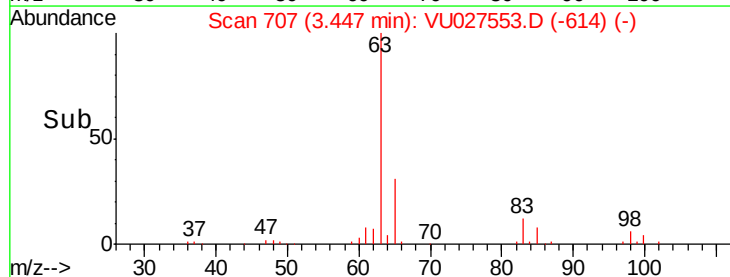
60000

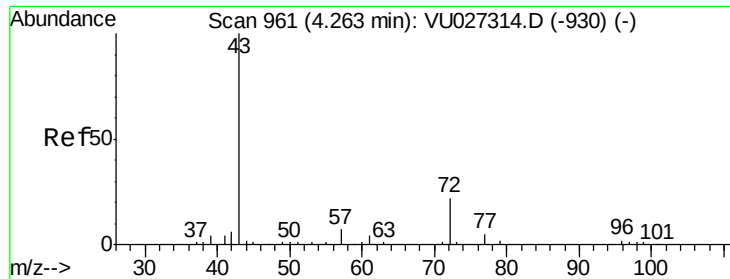
40000

20000

0

Time-->





#25

2-Butanone

Concen: 242.546 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

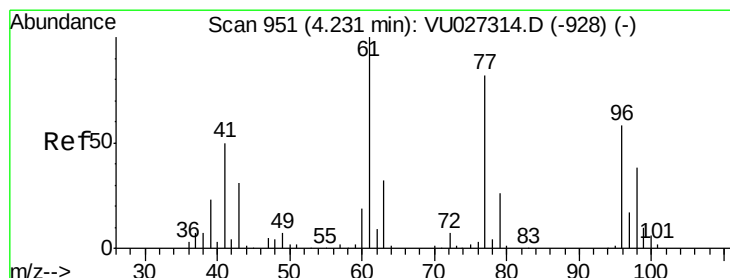
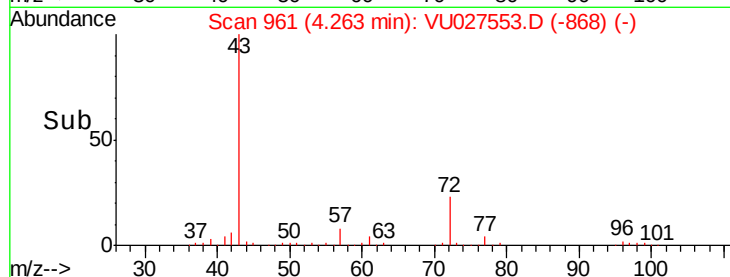
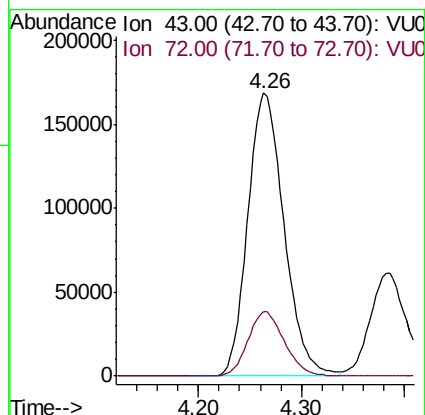
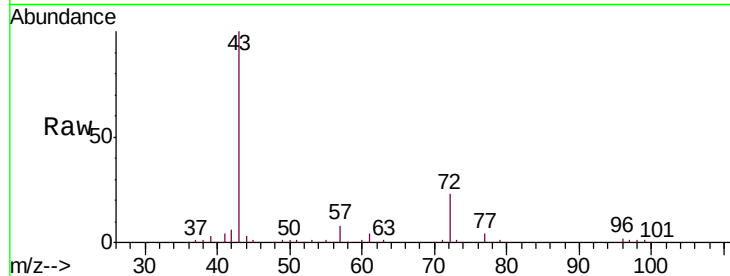
VSTDCCC050EC

Tgt Ion: 43 Resp: 410182

Ion Ratio Lower Upper

43 100

72 22.7 17.8 26.6



#26

2,2-Dichloropropane

Concen: 35.061 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027553.D

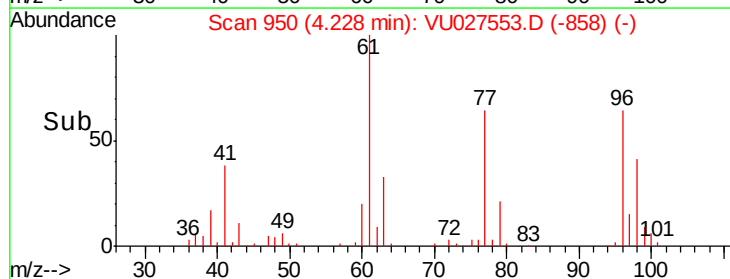
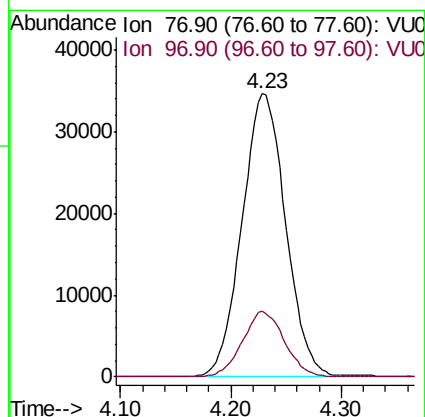
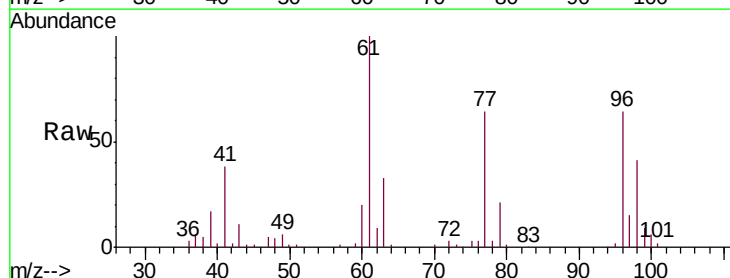
Acq: 10 Oct 2018 03:45

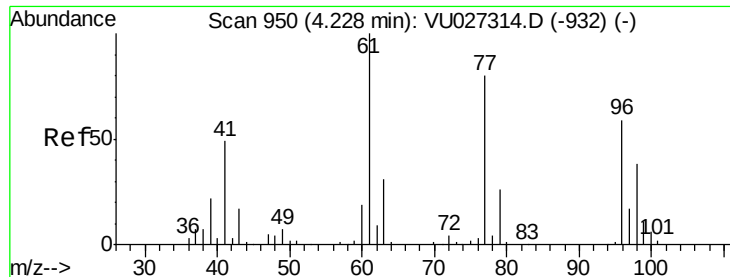
Tgt Ion: 77 Resp: 94925

Ion Ratio Lower Upper

77 100

97 22.1 10.4 31.1



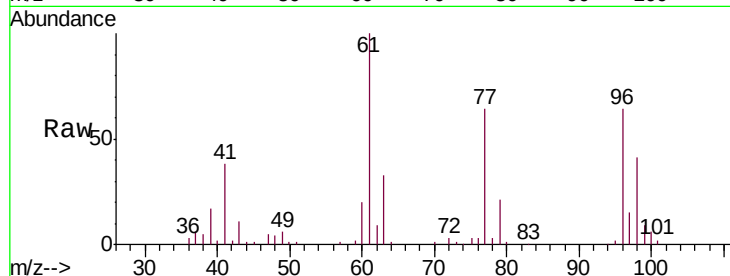


#27

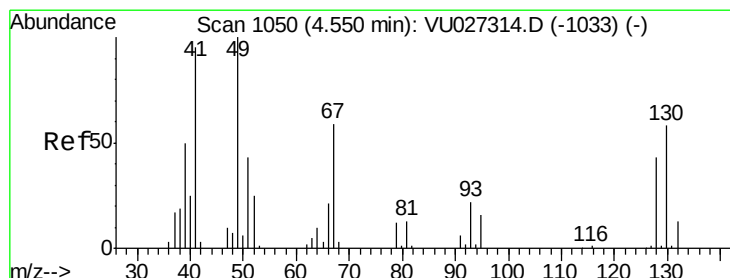
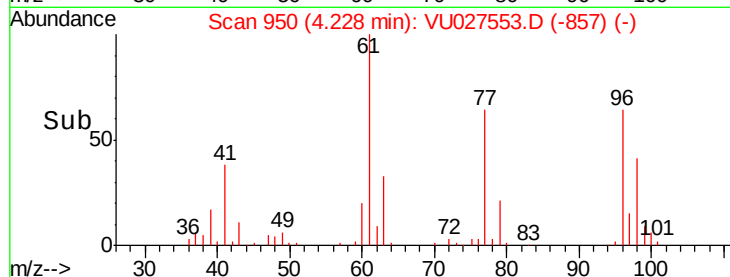
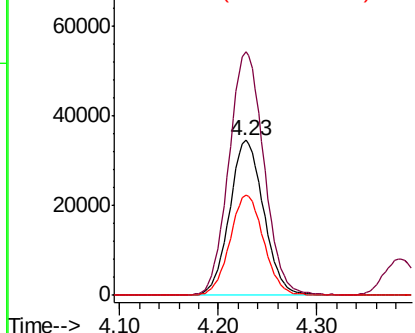
cis-1,2-Dichloroethene
Concen: 48.887 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 83351
Ion Ratio Lower Upper
96 100
61 161.9 0.0 343.8
98 64.4 0.0 129.0



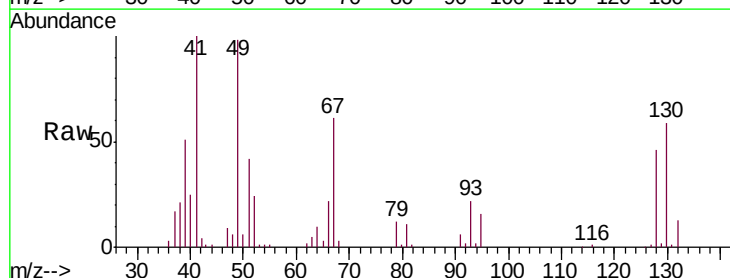
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



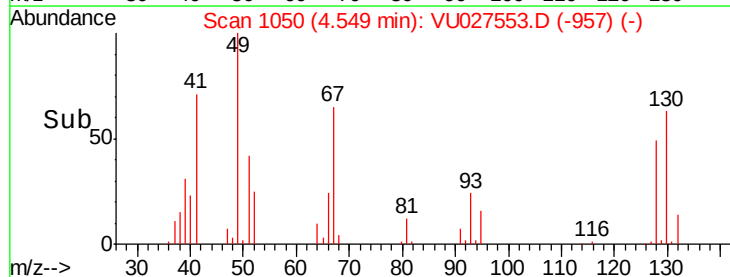
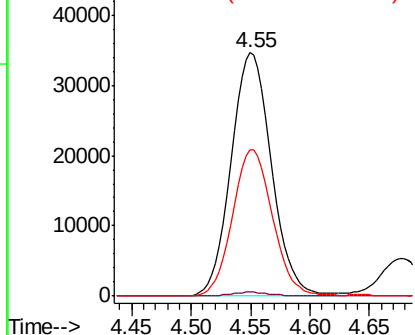
#28

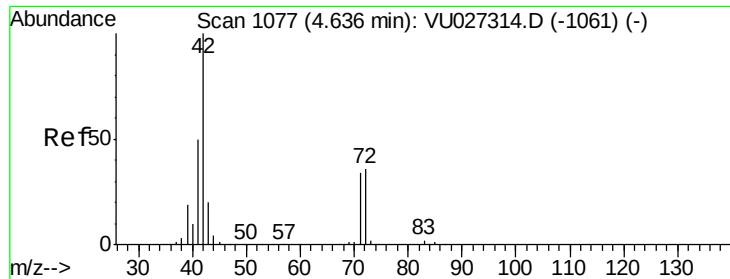
Bromochloromethane
Concen: 51.376 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 49 Resp: 81671
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.0
130 59.6 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: 251.898 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

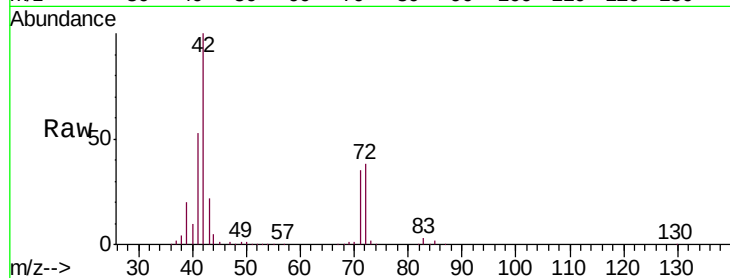
Tgt Ion: 42 Resp: 268469

Ion Ratio Lower Upper

42 100

72 38.9 30.1 45.1

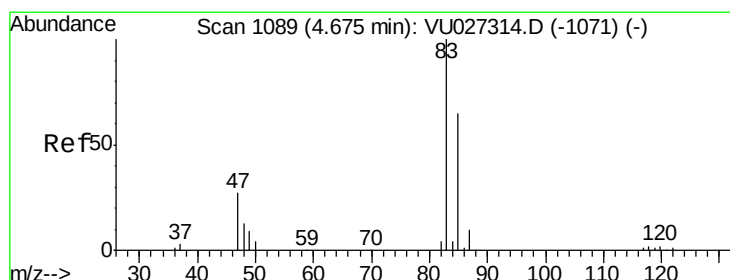
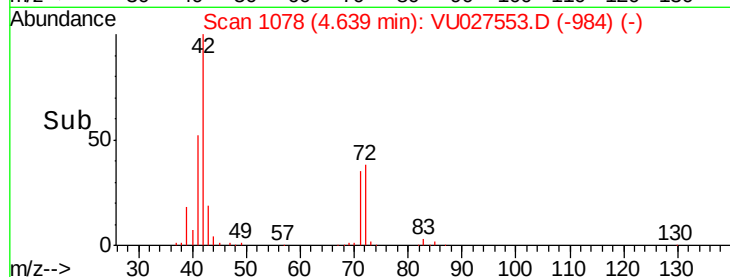
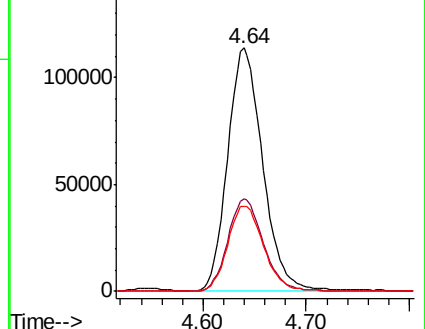
71 36.0 27.7 41.5



Abundance Ion 42.00 (41.70 to 42.70): VU027553.D (-984) (-)

Ion 72.00 (71.70 to 72.70): VU027553.D (-984) (-)

Ion 71.00 (70.70 to 71.70): VU027553.D (-984) (-)



#30

Chloroform

Concen: 49.554 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027553.D

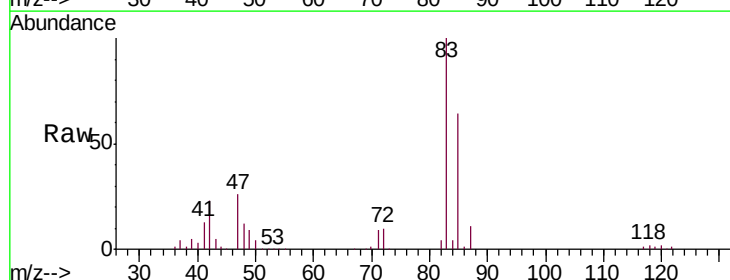
Acq: 10 Oct 2018 03:45

Tgt Ion: 83 Resp: 145067

Ion Ratio Lower Upper

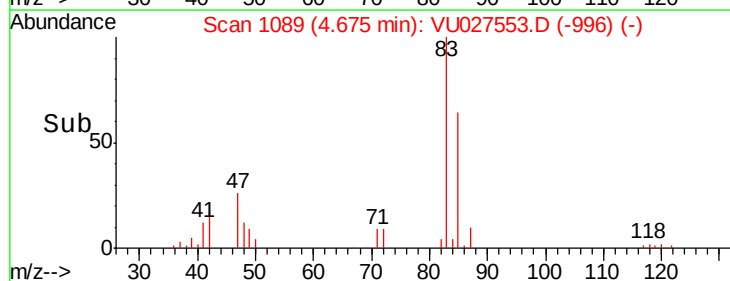
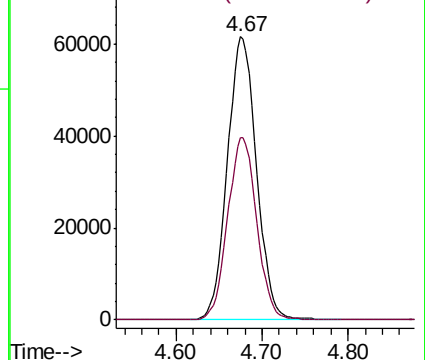
83 100

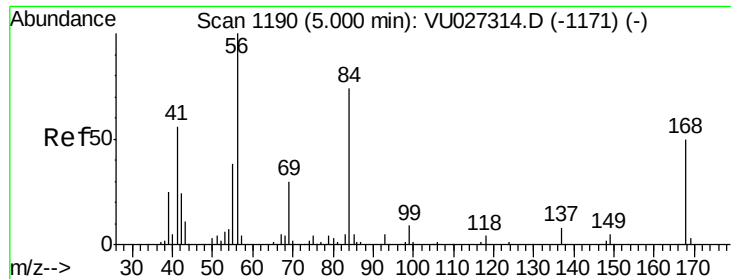
85 64.3 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VU027553.D (-996) (-)

Ion 84.90 (84.60 to 85.60): VU027553.D (-996) (-)

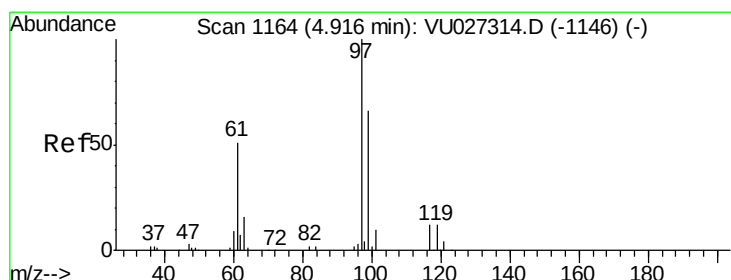
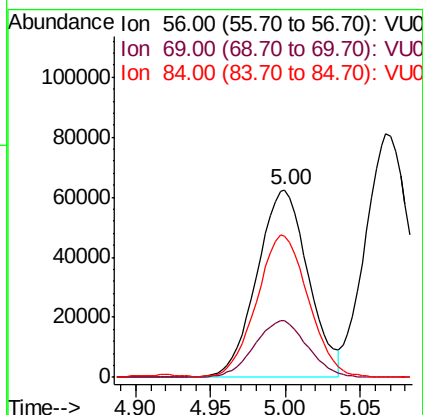
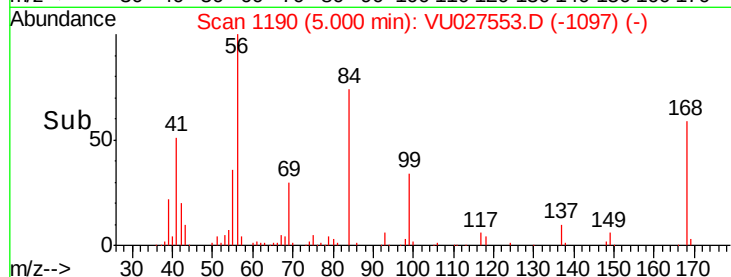
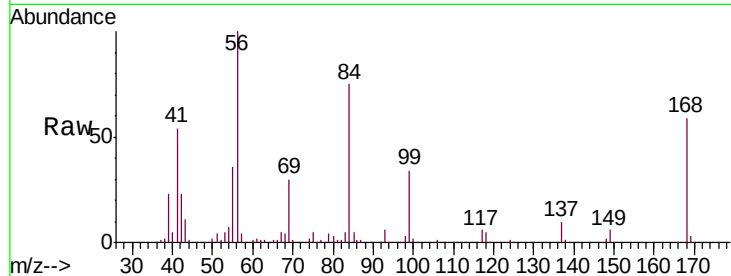




#31
Cyclohexane
Concen: 44.135 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

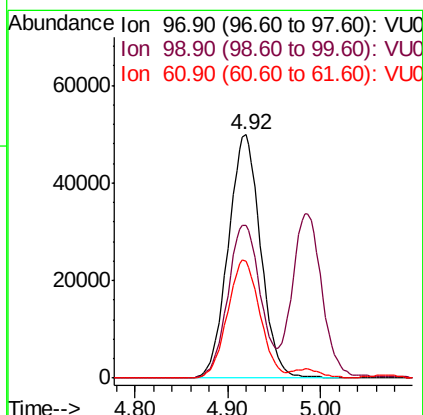
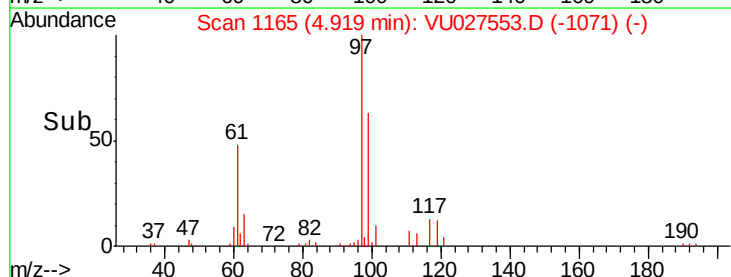
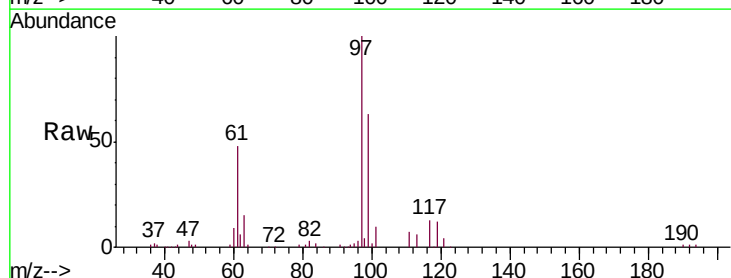
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

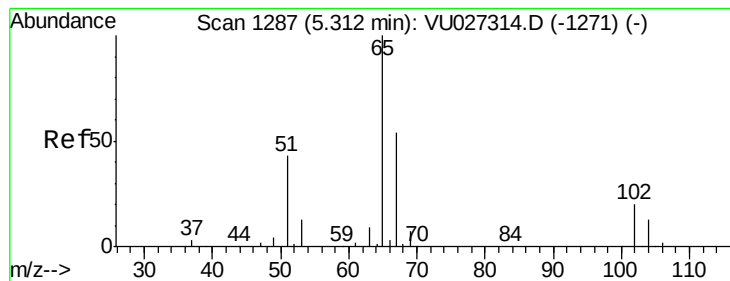
Tgt Ion: 56 Resp: 148691
Ion Ratio Lower Upper
56 100
69 30.3 24.1 36.1
84 74.8 59.1 88.7



#32
1,1,1-Trichloroethane
Concen: 48.913 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 97 Resp: 120595
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 48.7 39.6 59.4





#33

1,2-Dichloroethane-d4

Concen: 47.008 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

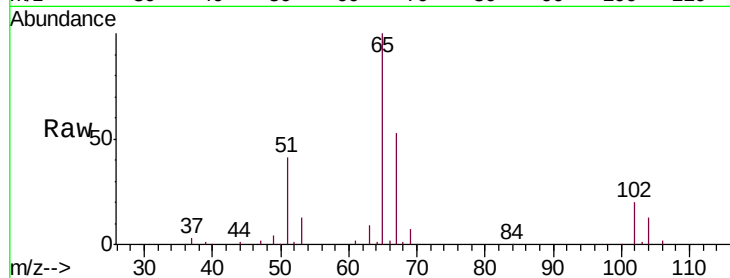
VSTDCCC050EC

Tgt Ion: 65 Resp: 98681

Ion Ratio Lower Upper

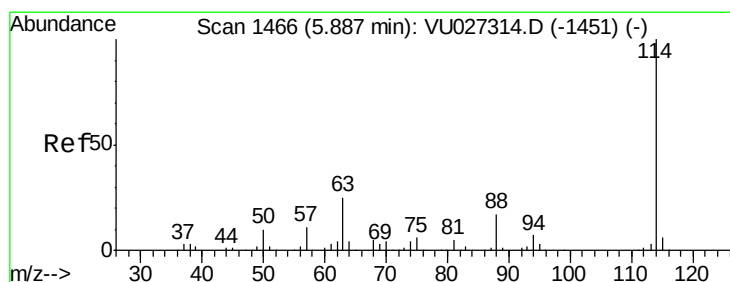
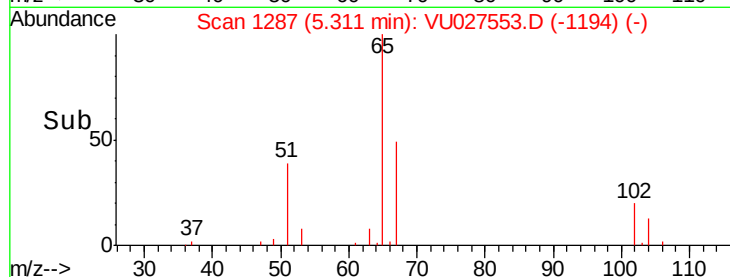
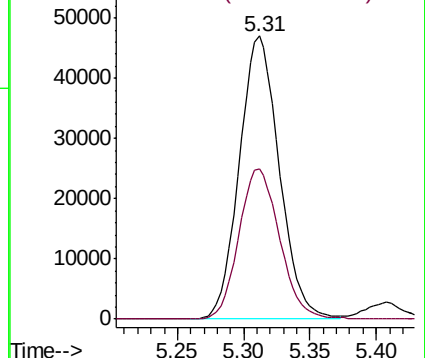
65 100

67 54.0 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# 1467

Delta R.T. 0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

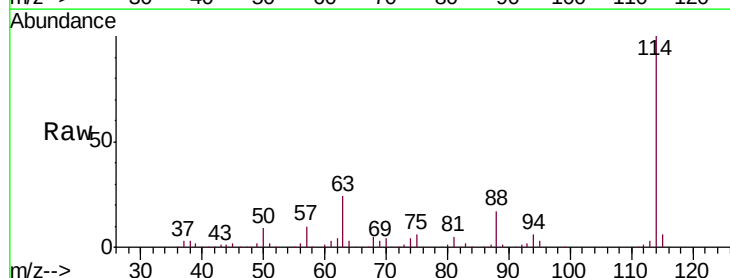
Tgt Ion: 114 Resp: 217432

Ion Ratio Lower Upper

114 100

63 24.3 0.0 50.2

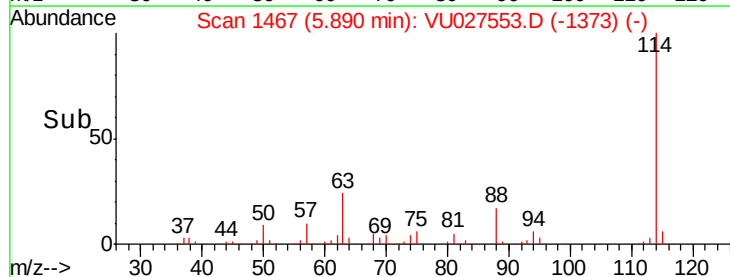
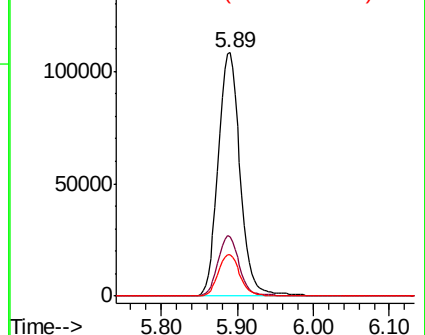
88 17.0 0.0 33.8

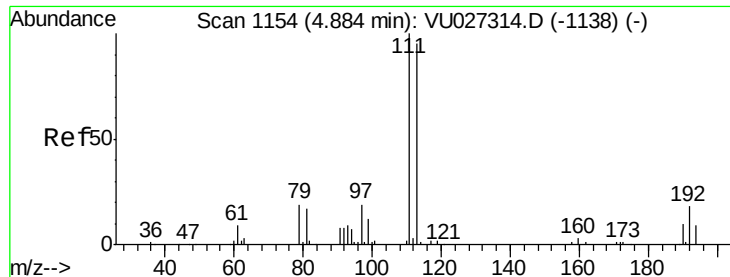


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

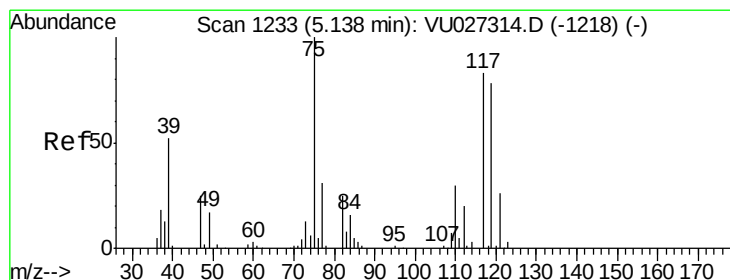
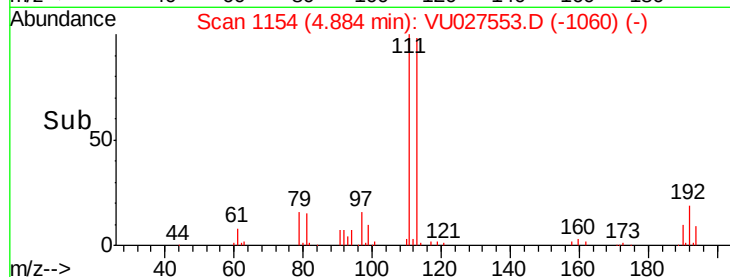
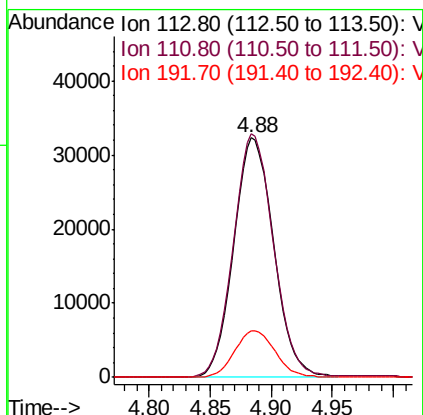
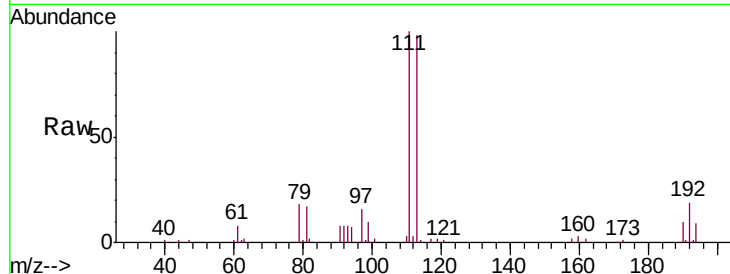




#35
 Dibromofluoromethane
 Concen: 49.265 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

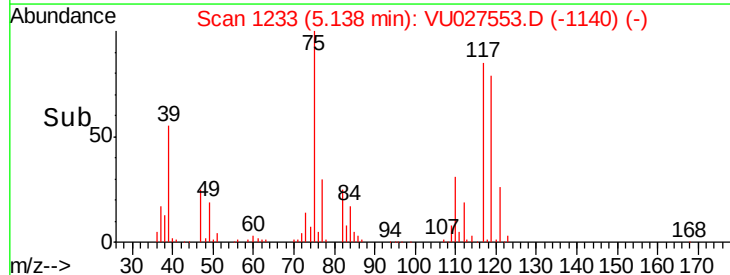
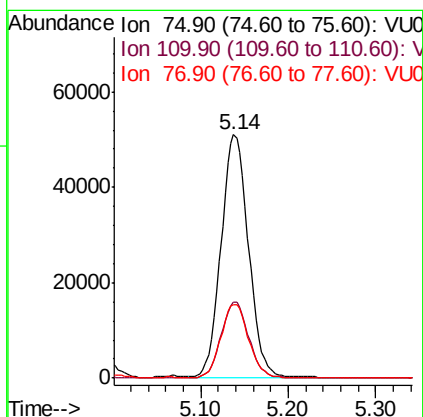
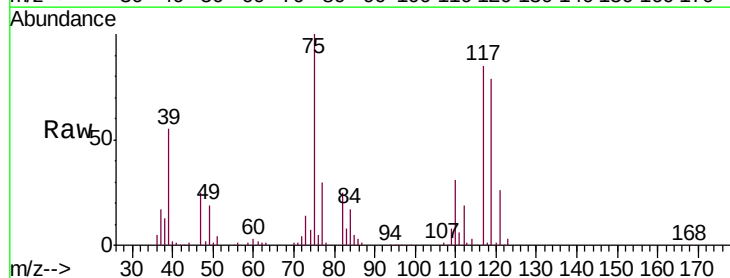
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

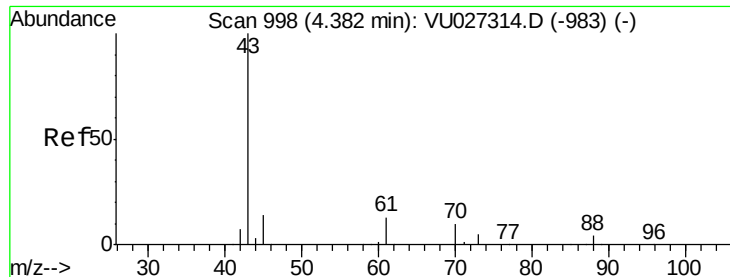
Tgt Ion:113 Resp: 73411
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.1 124.7
 192 19.6 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 47.412 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Tgt Ion: 75 Resp: 111930
 Ion Ratio Lower Upper
 75 100
 110 31.2 15.5 46.5
 77 30.6 25.4 38.0





#37

Ethyl Acetate

Concen: 50.171 ug/l

RT: 4.38 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

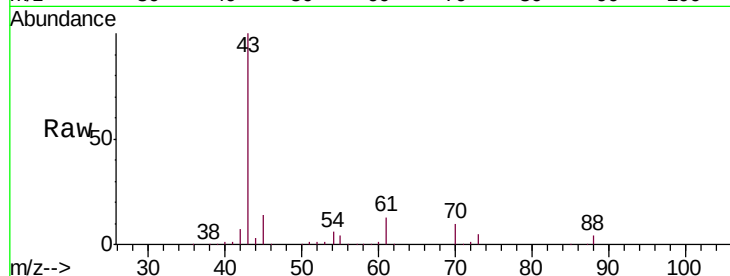
Tgt Ion: 43 Resp: 153077

Ion Ratio Lower Upper

43 100

61 12.2 10.7 16.1

70 9.1 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VU027314.D (-983) (-)

Ion 70.00 (69.70 to 70.70): VU027314.D (-983) (-)

200000

150000

100000

50000

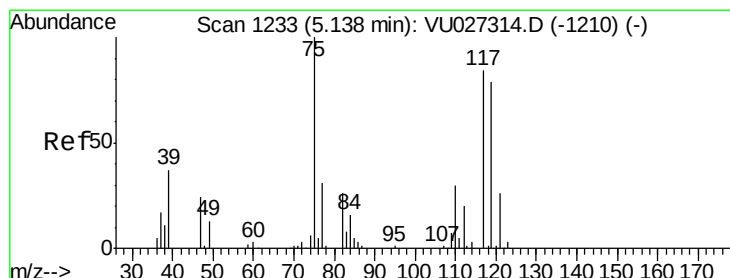
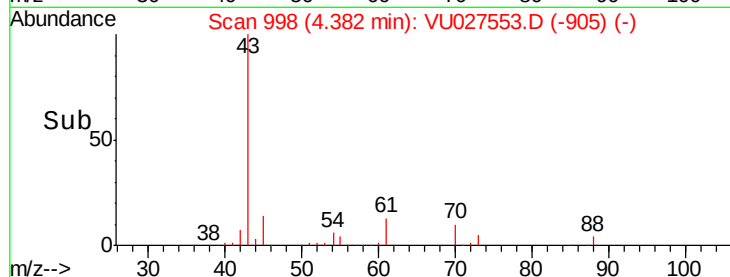
0

4.30

4.38

4.50

Time-->



#38

Carbon Tetrachloride

Concen: 47.609 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

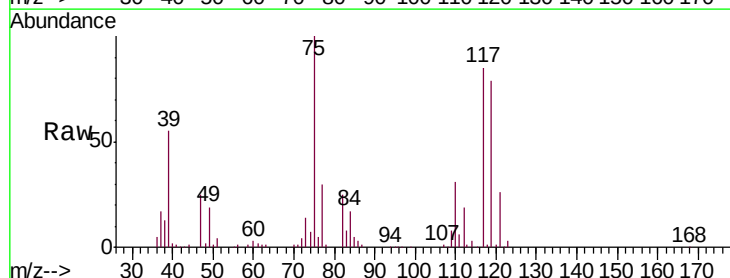
Tgt Ion: 117 Resp: 101530

Ion Ratio Lower Upper

117 100

119 93.5 74.5 111.7

121 31.2 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-1210) (-)

Ion 118.80 (118.50 to 119.50): VU027314.D (-1210) (-)

Ion 120.80 (120.50 to 121.50): VU027314.D (-1210) (-)

60000

50000

40000

30000

20000

10000

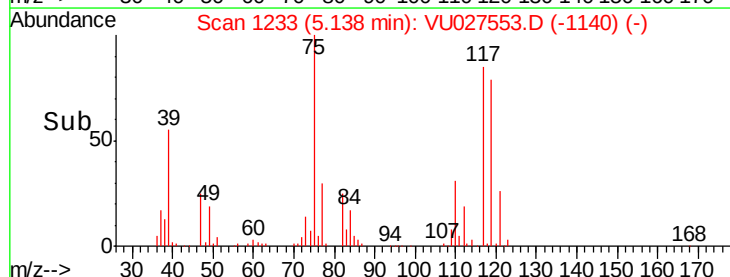
0

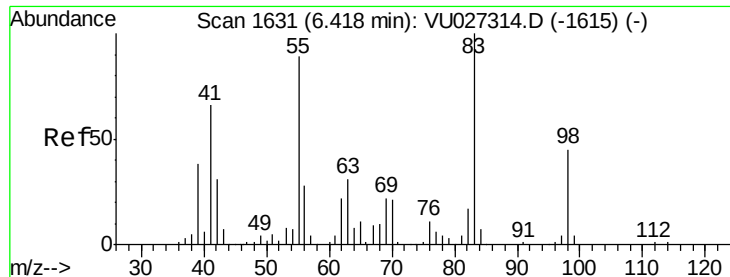
5.00

5.14

5.20

Time-->

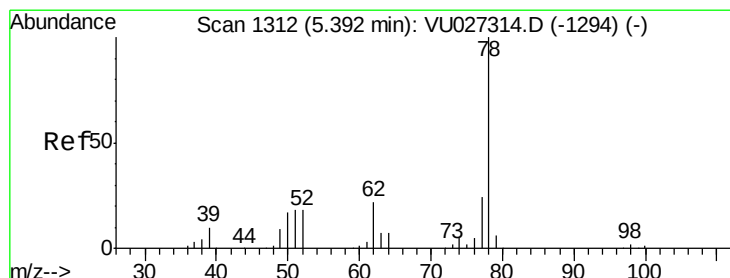
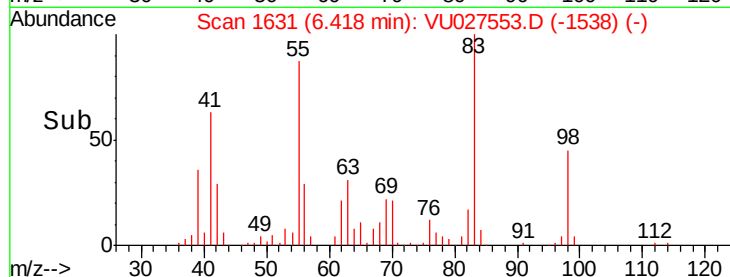
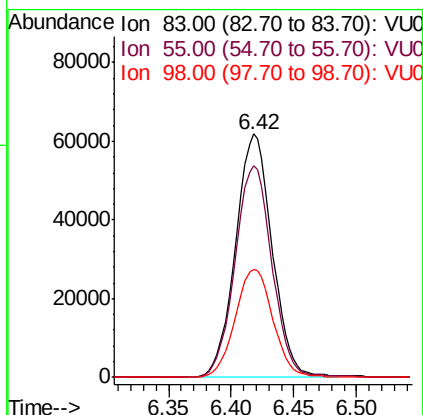
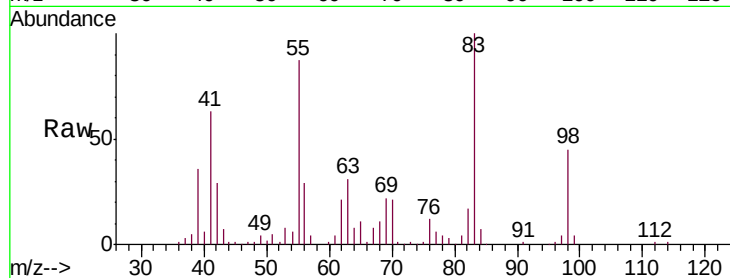




#39
Methylcyclohexane
Concen: 45.533 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

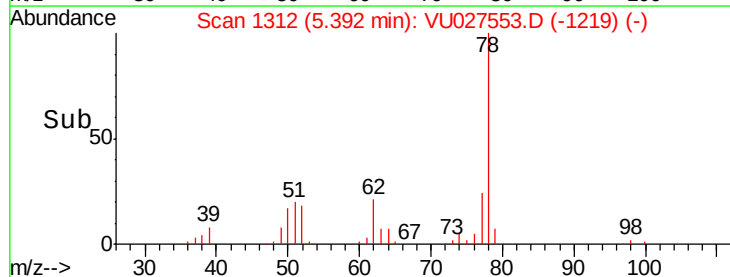
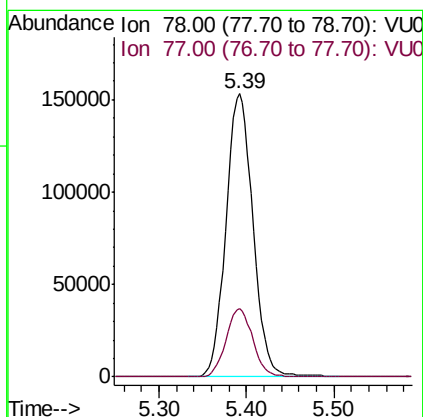
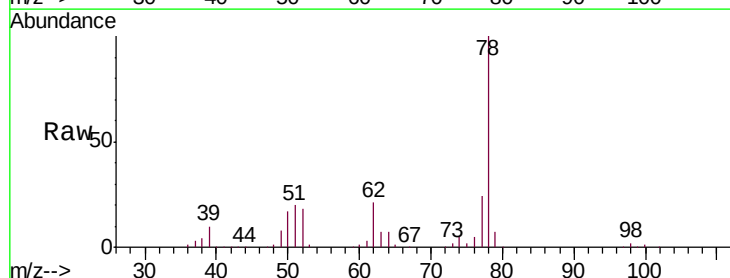
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

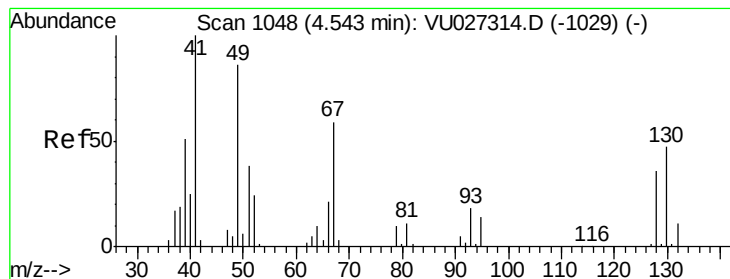
Tgt Ion: 83 Resp: 125658
Ion Ratio Lower Upper
83 100
55 86.9 71.1 106.7
98 44.5 36.3 54.5



#40
Benzene
Concen: 47.796 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 78 Resp: 328683
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41

Methacrylonitrile

Concen: 50.518 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 87120

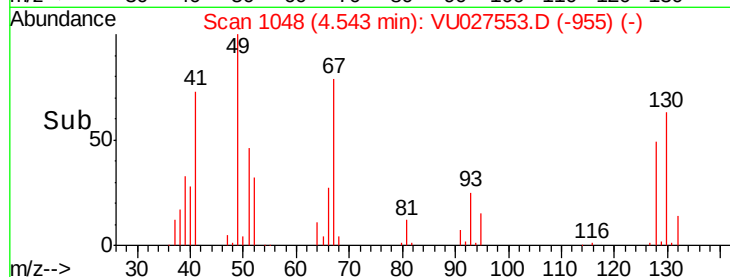
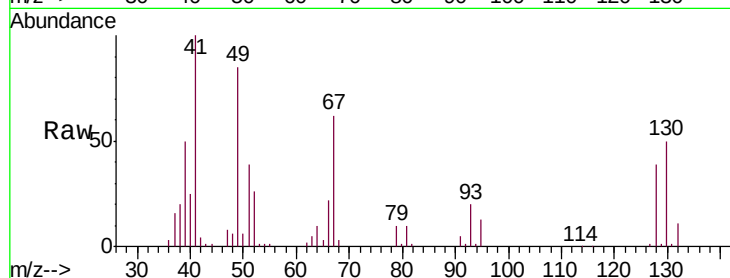
Ion Ratio Lower Upper

41 100

39 51.5 41.1 61.7

67 63.5 50.4 75.6

52 24.9 20.3 30.5

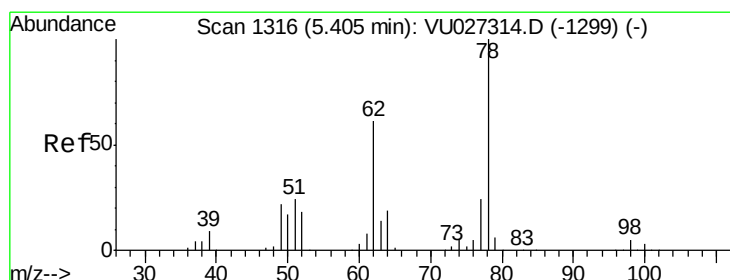
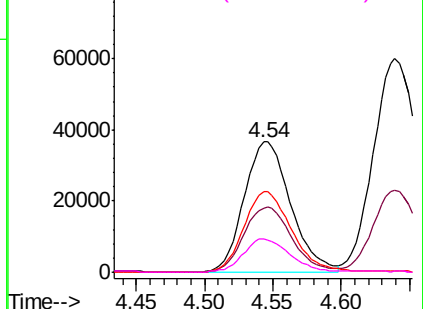


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 47.809 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU027553.D

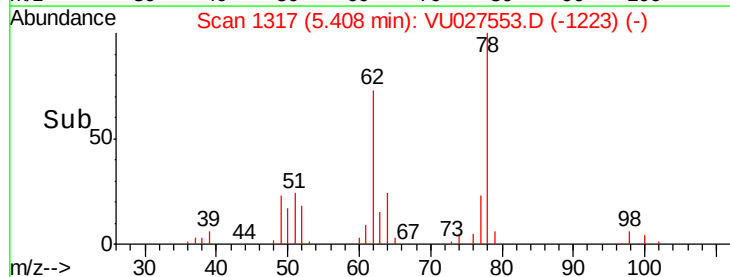
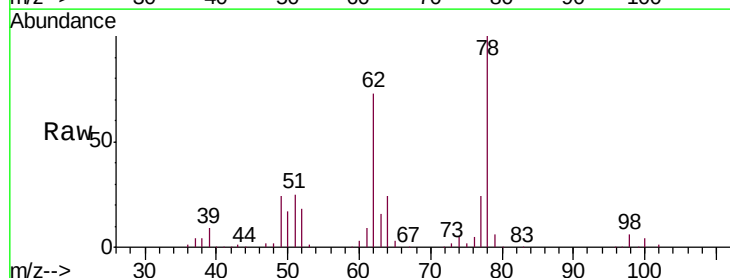
Acq: 10 Oct 2018 03:45

Tgt Ion: 62 Resp: 122038

Ion Ratio Lower Upper

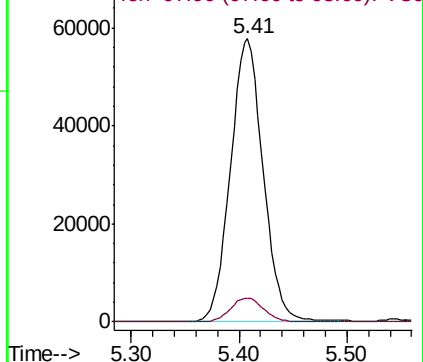
62 100

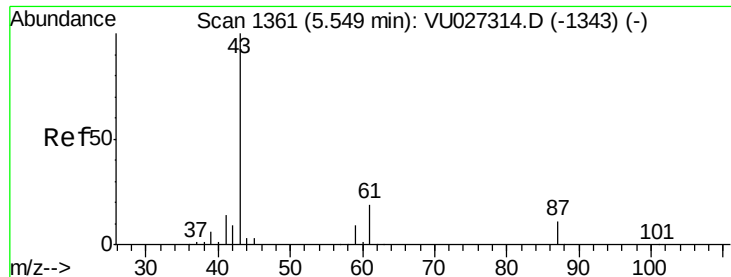
98 8.5 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 50.538 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

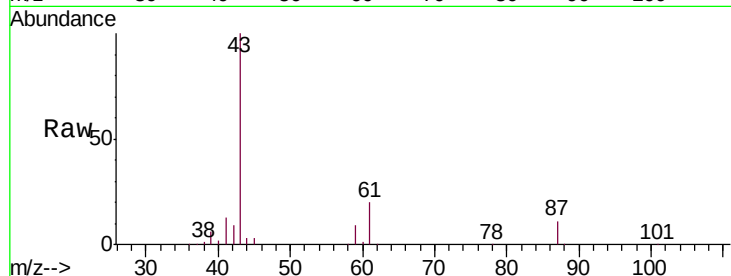
Tgt Ion: 43 Resp: 239484

Ion Ratio Lower Upper

43 100

61 19.6 15.3 22.9

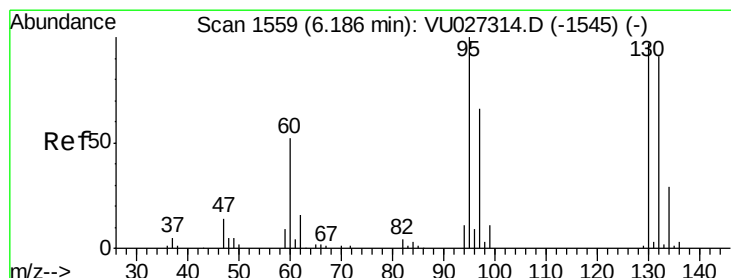
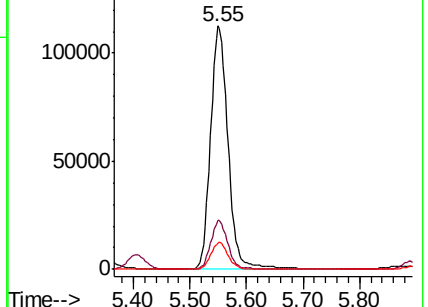
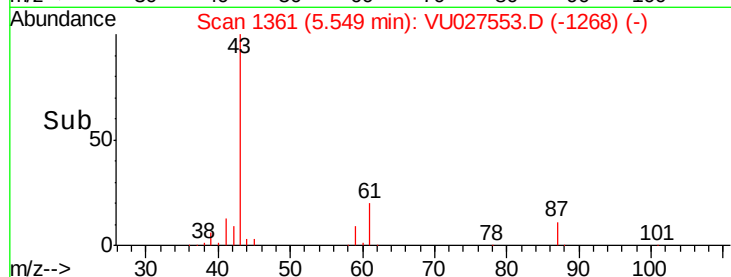
87 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027553.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU027553.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU027553.D (-1268) (-)



#44

Trichloroethene

Concen: 47.190 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027553.D

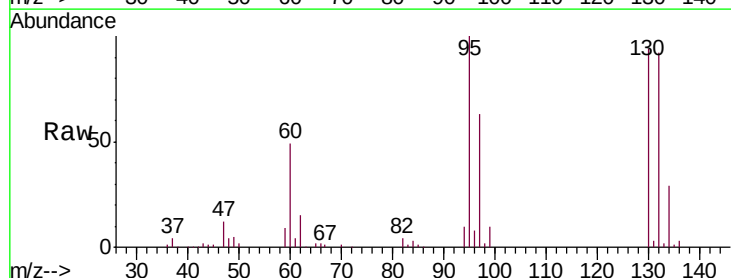
Acq: 10 Oct 2018 03:45

Tgt Ion: 130 Resp: 72361

Ion Ratio Lower Upper

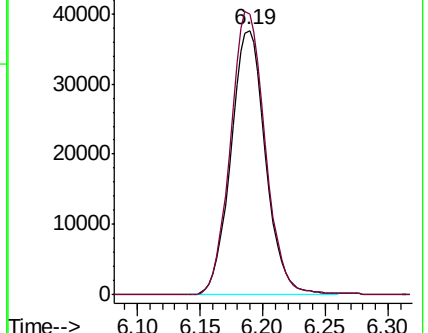
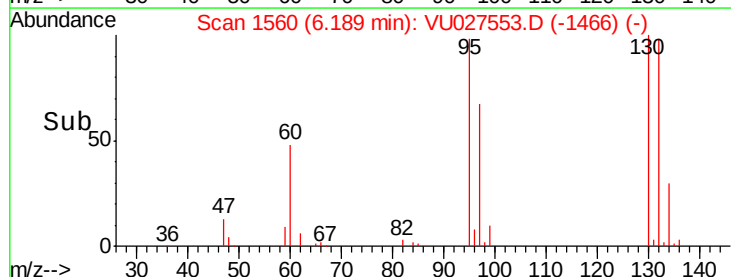
130 100

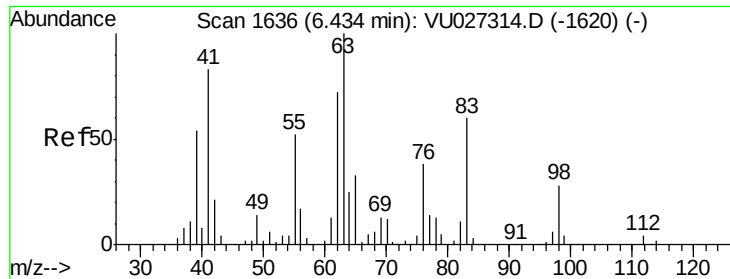
95 106.0 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027553.D (-1466) (-)

Ion 94.90 (94.60 to 95.60): VU027553.D (-1466) (-)

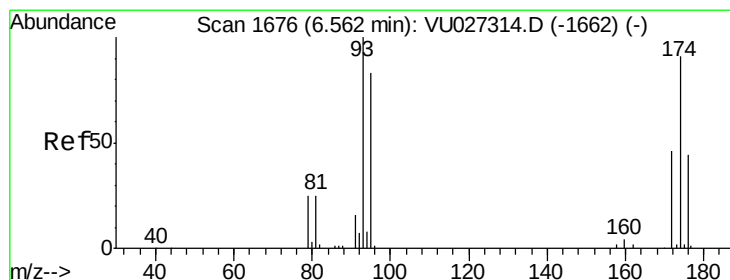
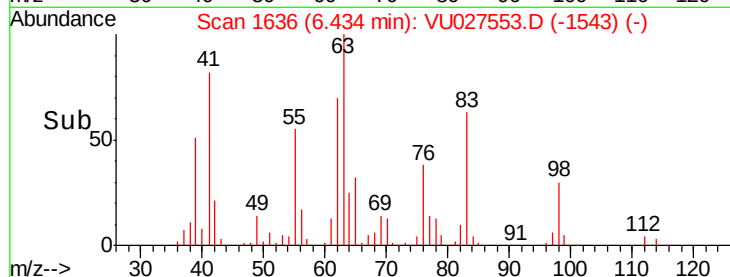
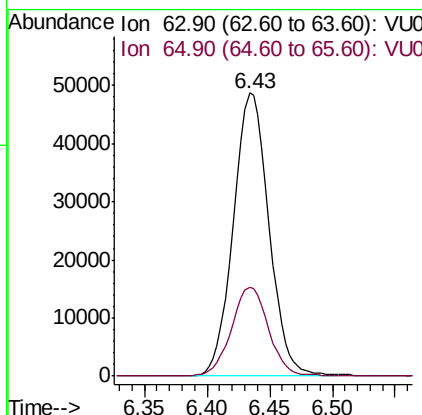
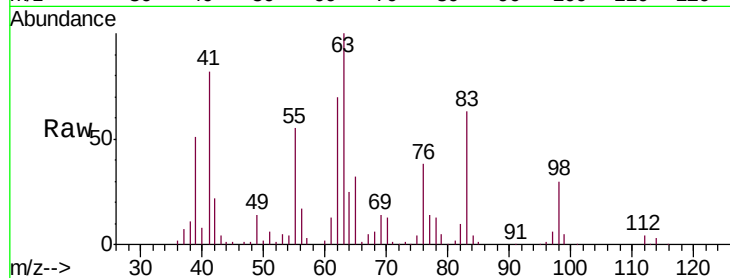




#45
 1,2-Dichloropropane
 Concen: 48.553 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

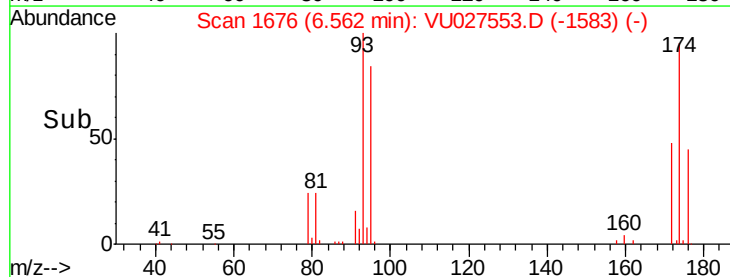
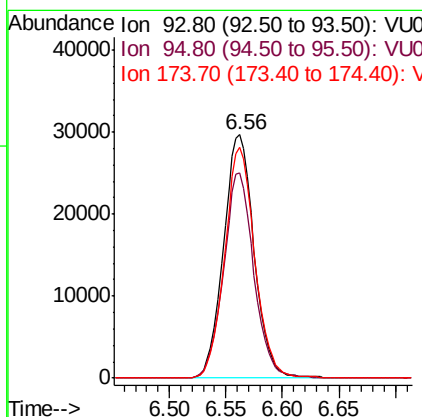
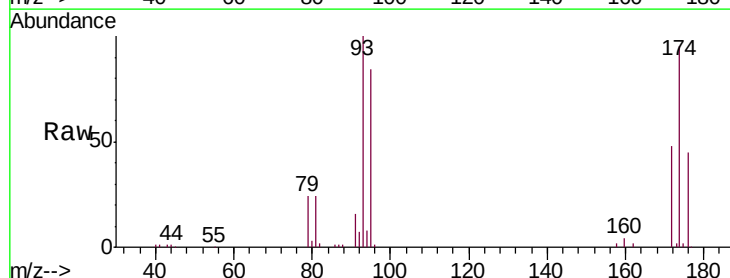
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

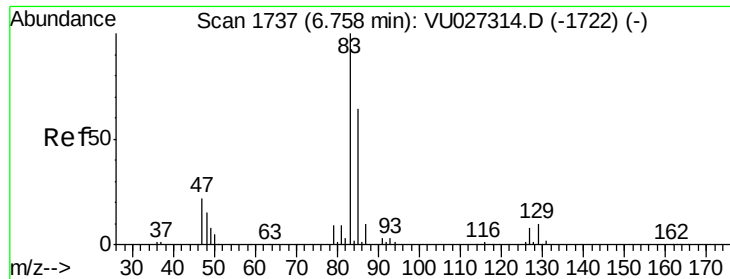
Tgt Ion: 63 Resp: 96305
 Ion Ratio Lower Upper
 63 100
 65 31.6 26.0 39.0



#46
 Dibromomethane
 Concen: 49.814 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Tgt Ion: 93 Resp: 55804
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.5 99.7
 174 93.3 72.5 108.7





#47

Bromodichloromethane

Concen: 47.868 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

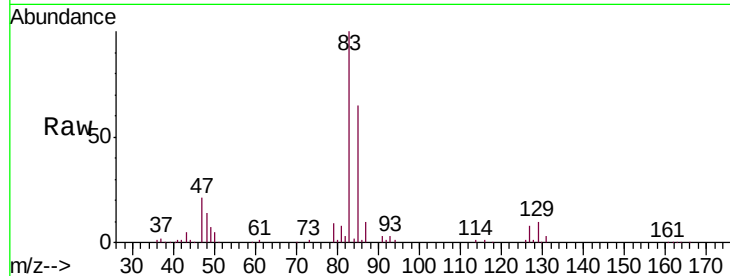
Tgt Ion: 83 Resp: 111271

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0

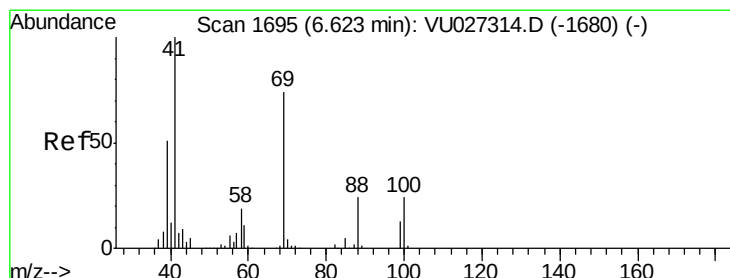
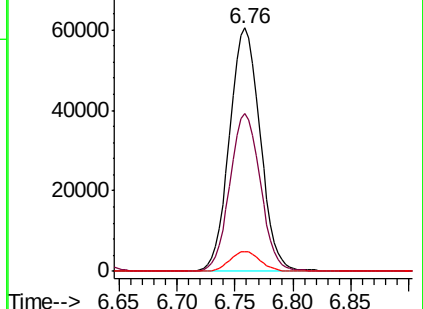
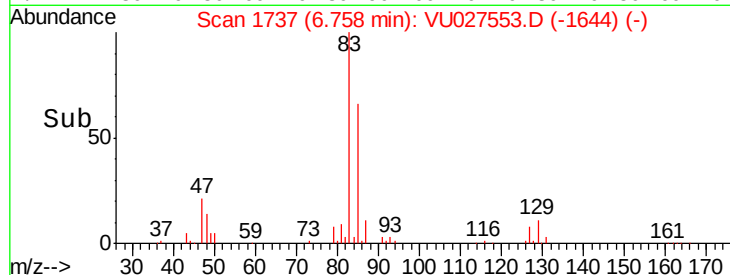
127 8.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU027553.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027553.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027553.D (-1644) (-)



#48

Methyl methacrylate

Concen: 50.902 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

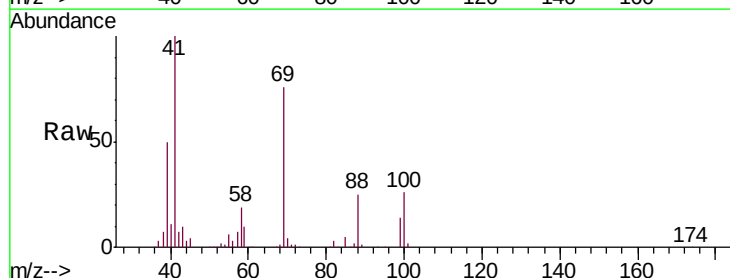
Tgt Ion: 41 Resp: 119951

Ion Ratio Lower Upper

41 100

69 77.7 61.0 91.4

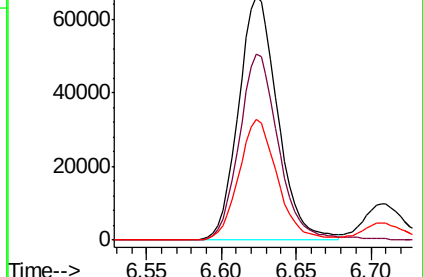
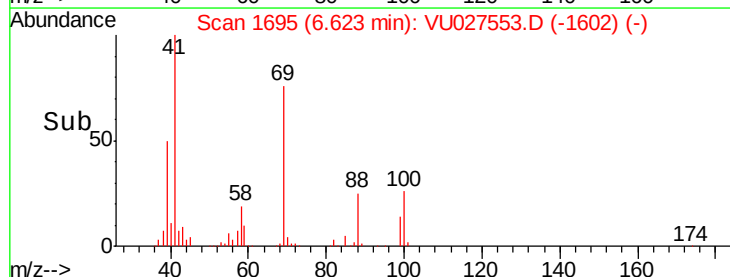
39 49.2 39.9 59.9

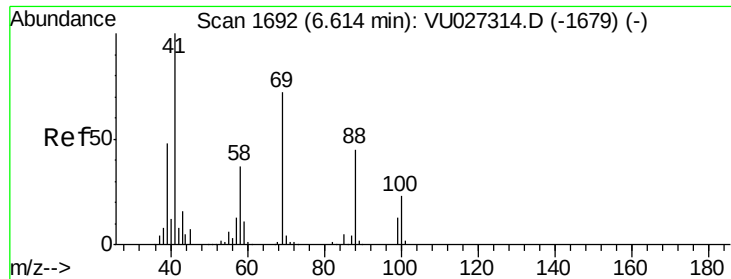


Abundance Ion 41.00 (40.70 to 41.70): VU027553.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027553.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027553.D (-1602) (-)

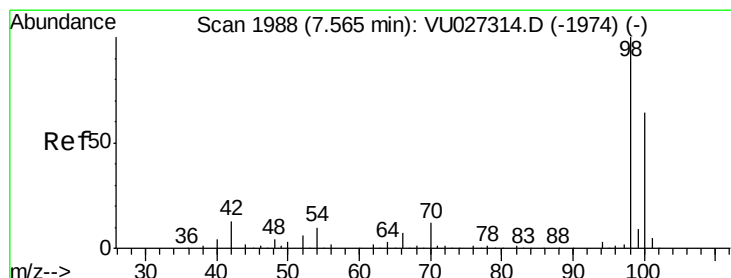
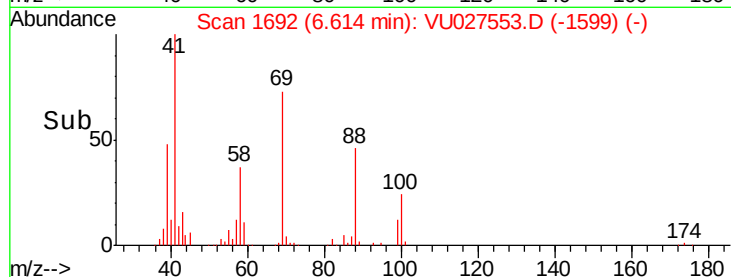
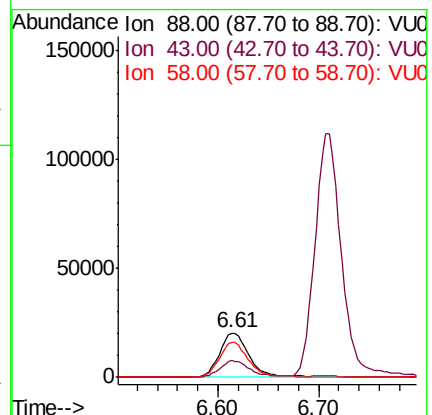
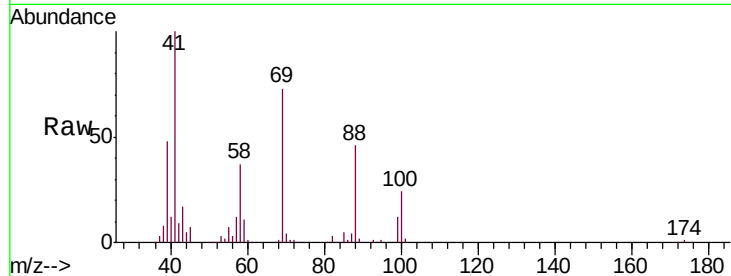




#49
1,4-Dioxane
Concen: 1004.575 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

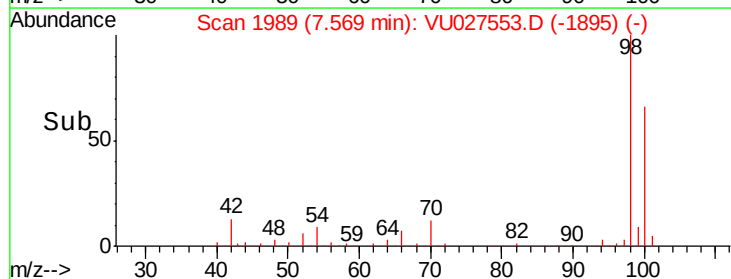
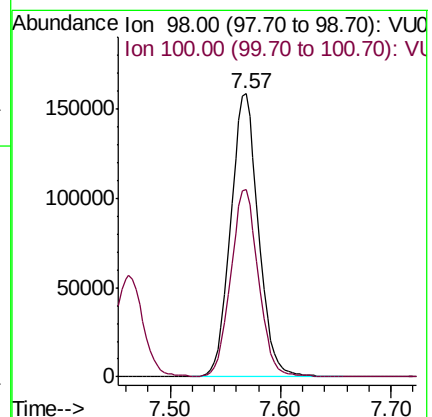
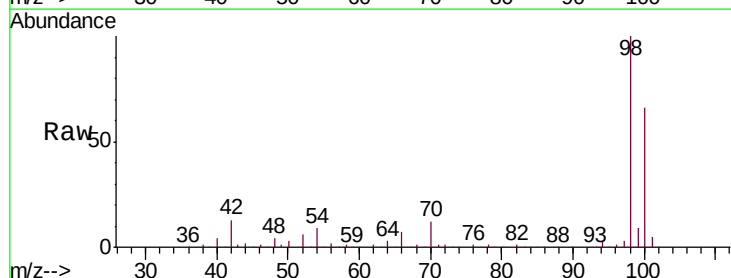
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

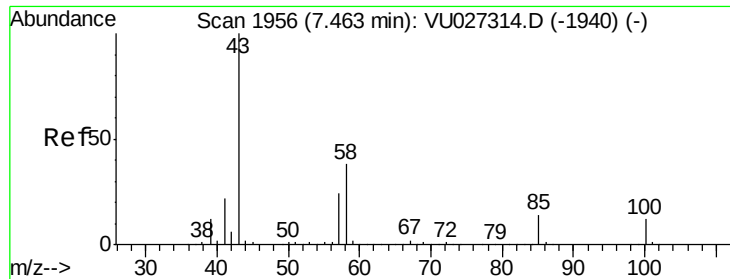
Tgt Ion: 88 Resp: 40731
Ion Ratio Lower Upper
88 100
43 36.7 30.8 46.2
58 79.9 67.0 100.6



#50
Toluene-d8
Concen: 49.752 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 98 Resp: 277472
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 254.589 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

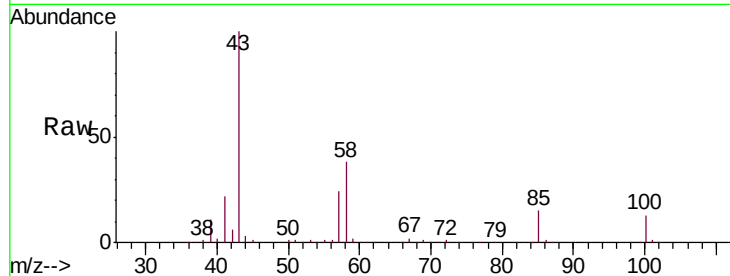
VSTDCCC050EC

Tgt Ion: 43 Resp: 783950

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-1940) (-)

7.46

400000

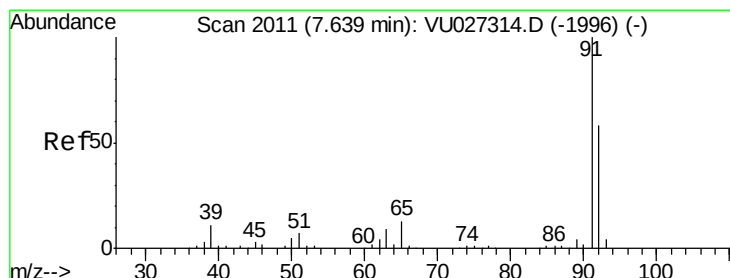
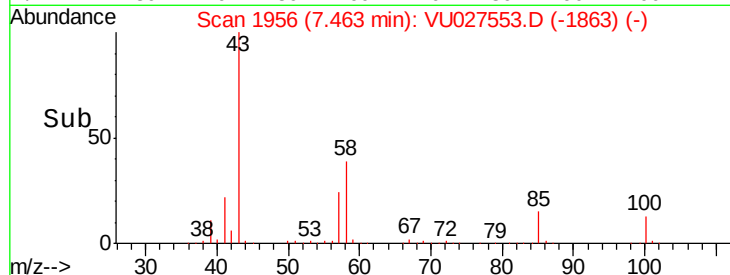
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.434 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027553.D

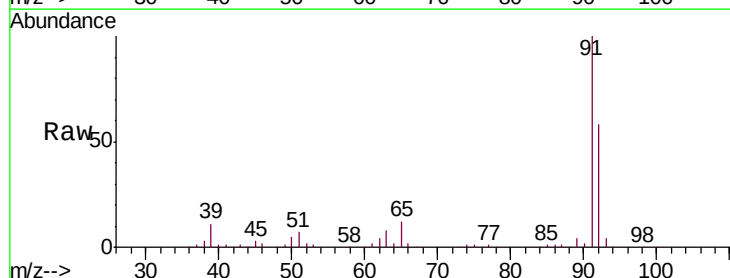
Acq: 10 Oct 2018 03:45

Tgt Ion: 92 Resp: 197141

Ion Ratio Lower Upper

92 100

91 171.2 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027314.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027314.D (-1996) (-)

7.64

200000

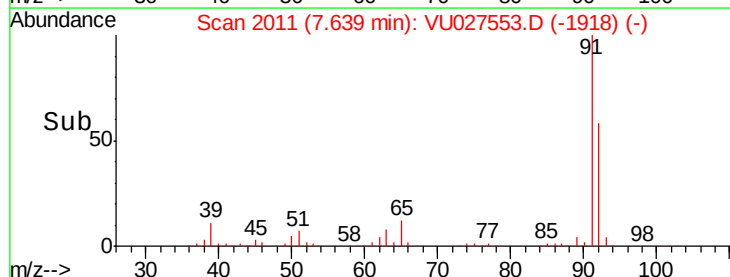
150000

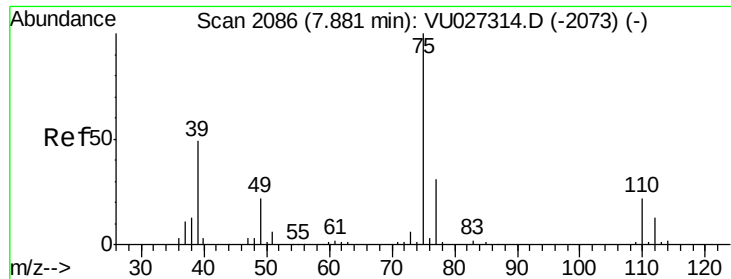
100000

50000

0

Time-->

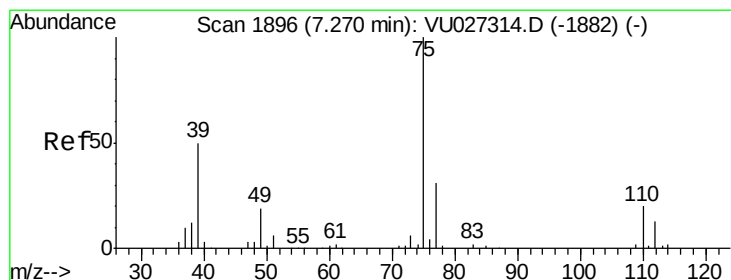
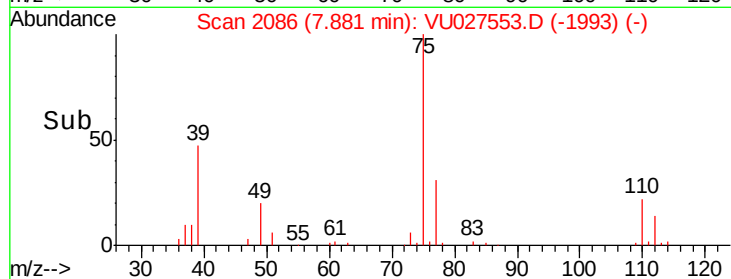
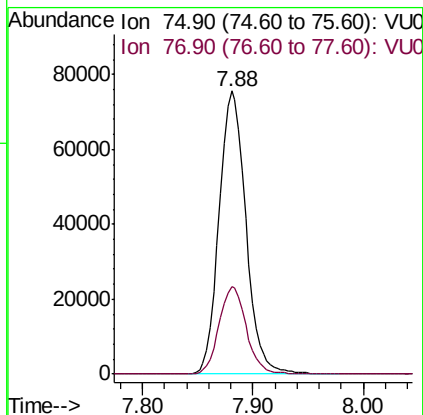
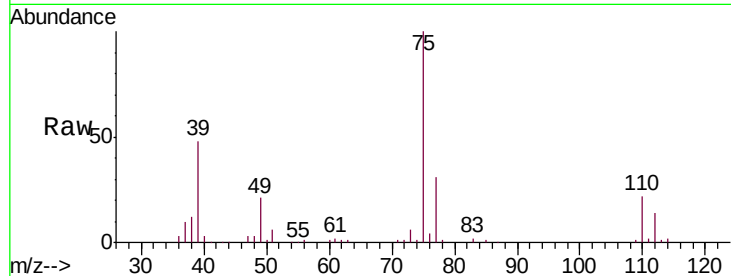




#53
t-1,3-Dichloropropene
Concen: 46.814 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

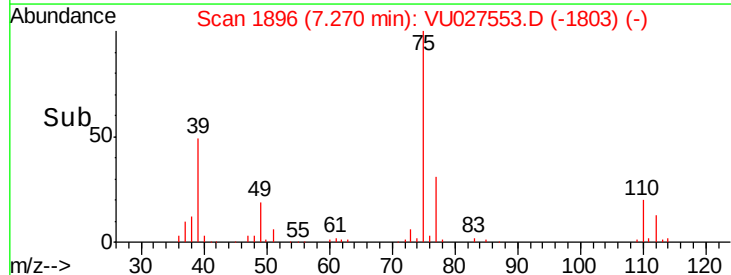
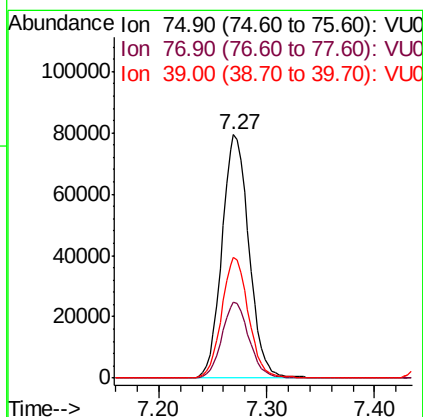
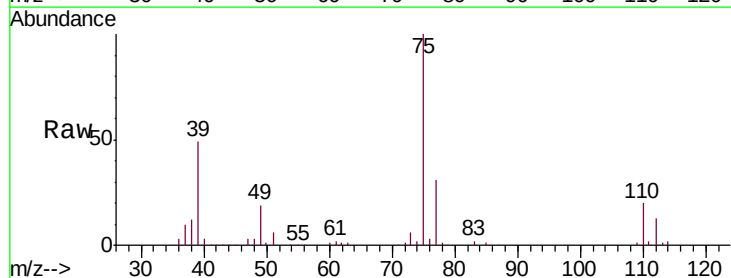
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

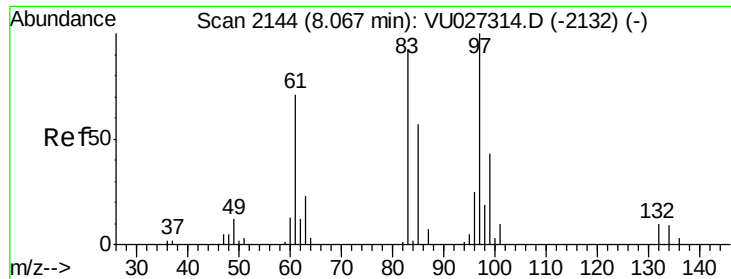
Tgt Ion: 75 Resp: 127588
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 47.245 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 75 Resp: 138425
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7
39 49.5 40.1 60.1

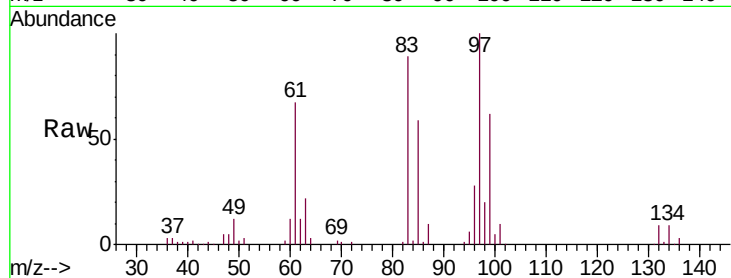




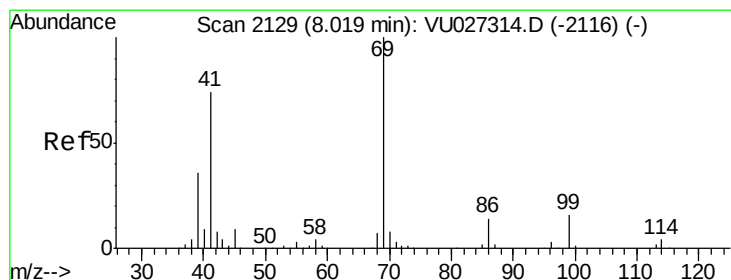
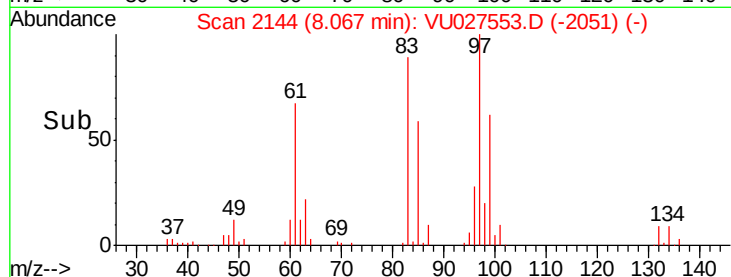
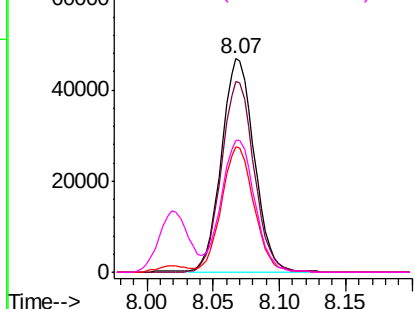
#55
 1,1,2-Trichloroethane
 Concen: 49.870 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 80481
 Ion Ratio Lower Upper
 97 100
 83 88.8 73.0 109.6
 85 58.9 47.3 70.9
 99 61.6 49.7 74.5

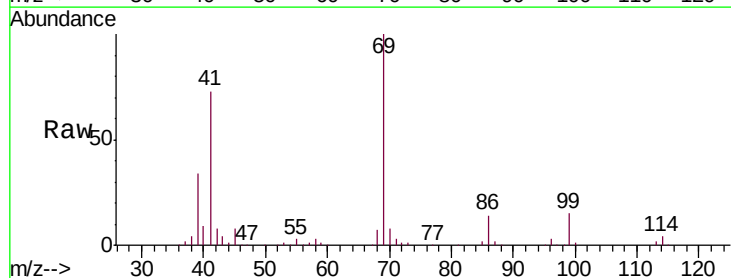


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

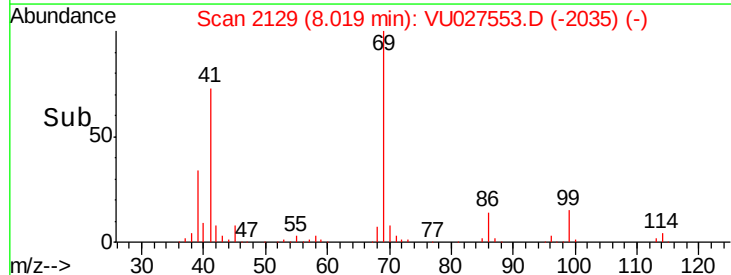
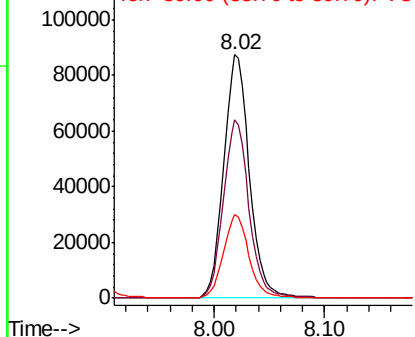


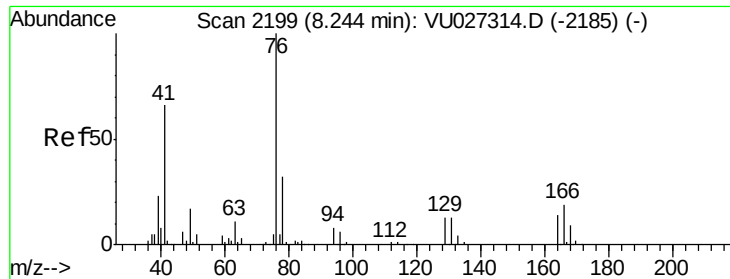
#56
 Ethyl methacrylate
 Concen: 45.977 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Tgt Ion: 69 Resp: 141497
 Ion Ratio Lower Upper
 69 100
 41 73.2 60.0 90.0
 39 33.9 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

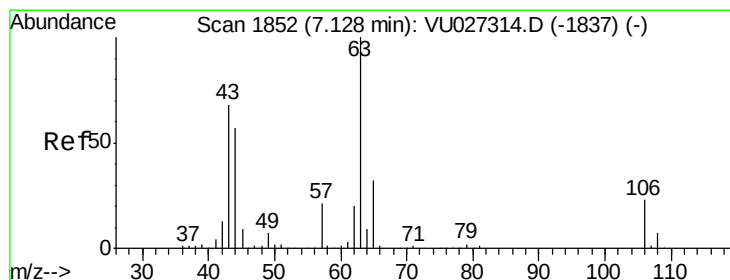
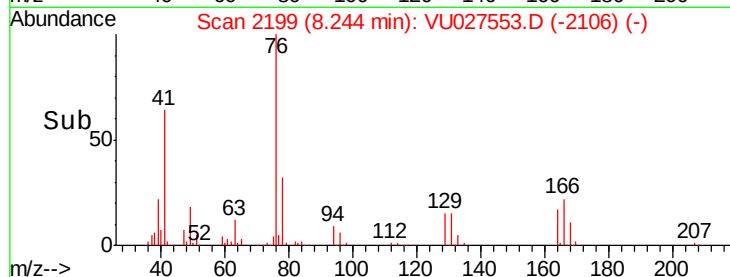
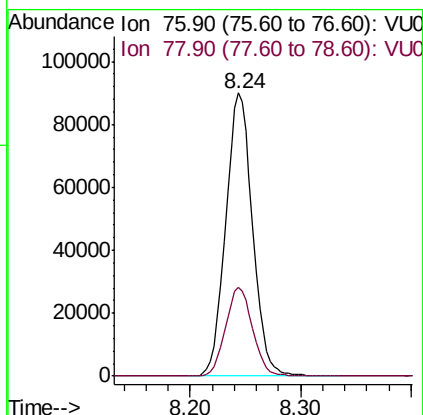
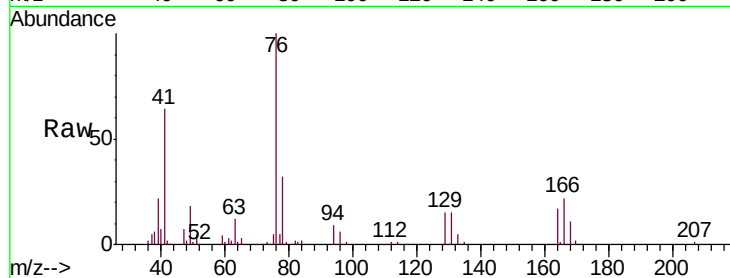




#57
 1,3-Dichloropropane
 Concen: 48.336 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

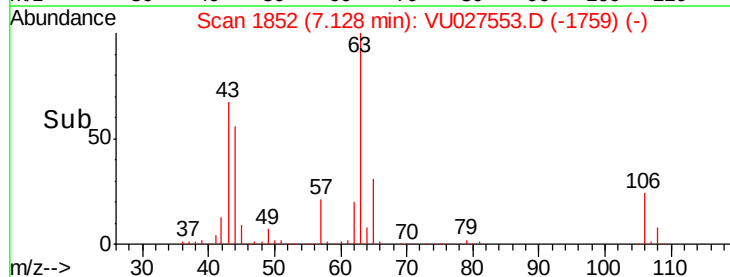
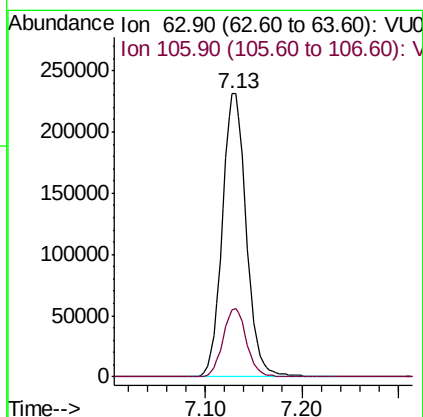
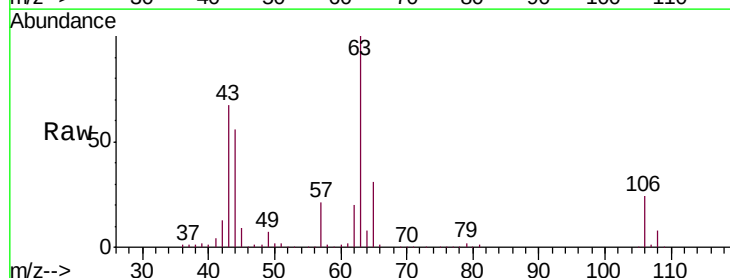
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

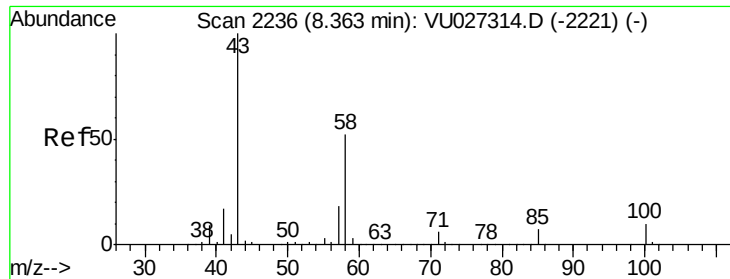
Tgt Ion: 76 Resp: 151430
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.891 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Tgt Ion: 63 Resp: 397774
 Ion Ratio Lower Upper
 63 100
 106 24.0 18.5 27.7

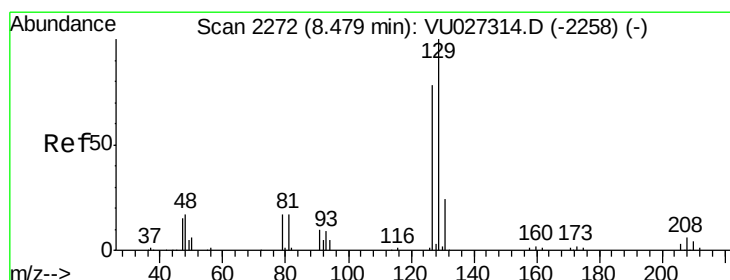
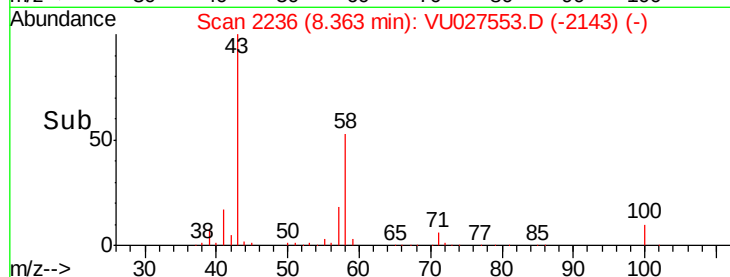
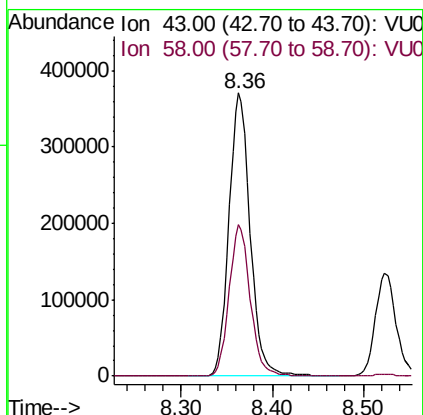
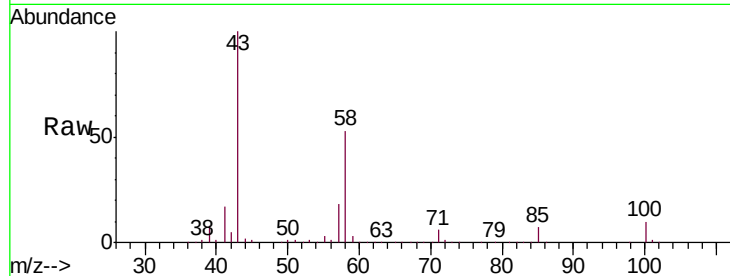




#59
2-Hexanone
Concen: 251.537 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

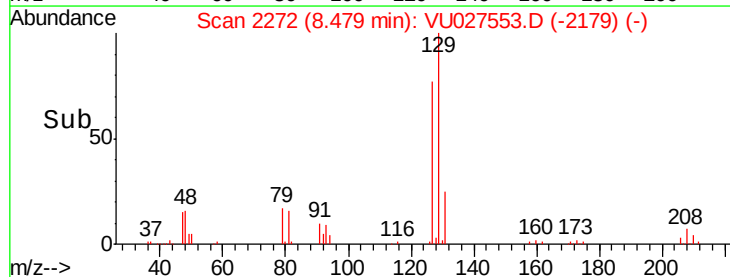
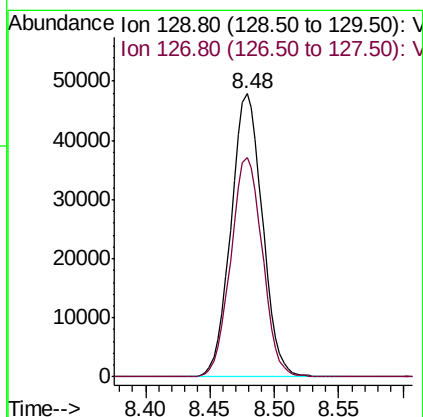
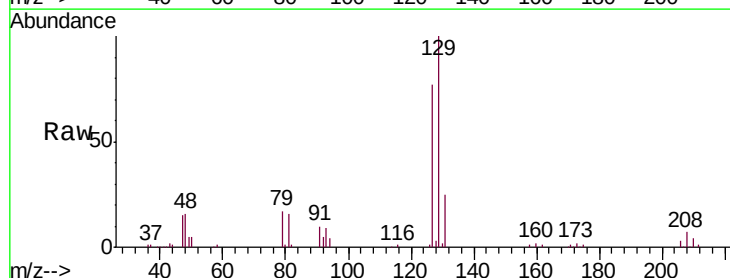
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

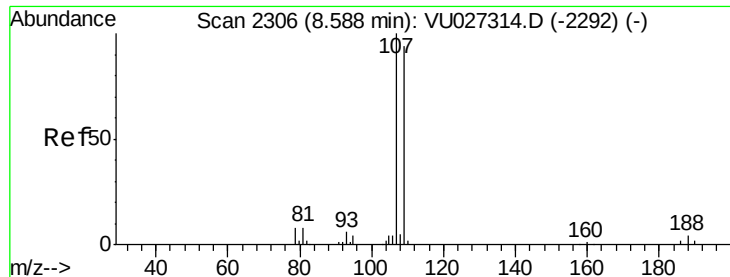
Tgt Ion: 43 Resp: 600839
Ion Ratio Lower Upper
43 100
58 53.3 26.1 78.3



#60
Dibromochloromethane
Concen: 50.206 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 129 Resp: 81263
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2

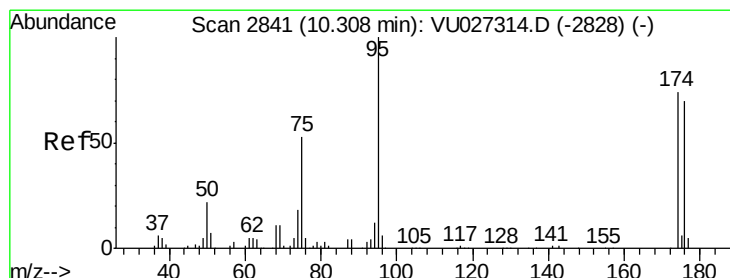
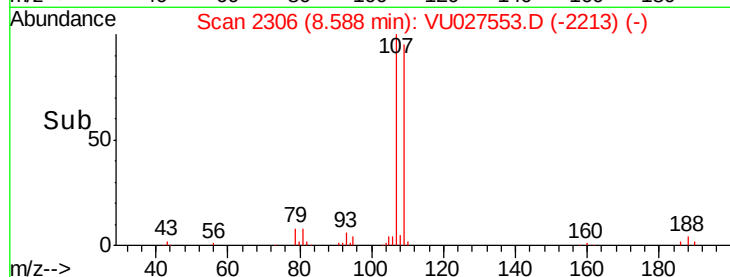
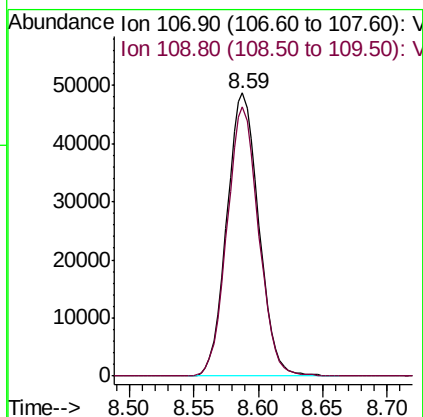
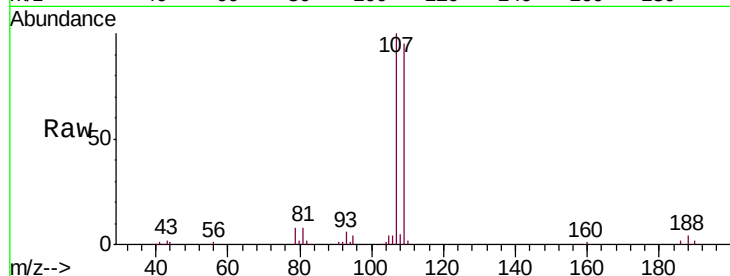




#61
 1,2-Dibromoethane
 Concen: 48.781 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

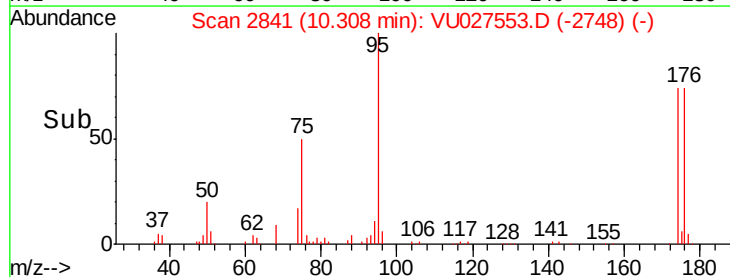
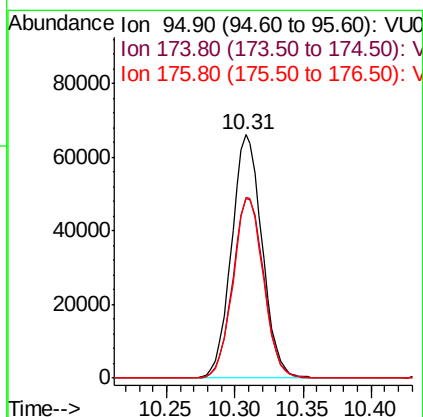
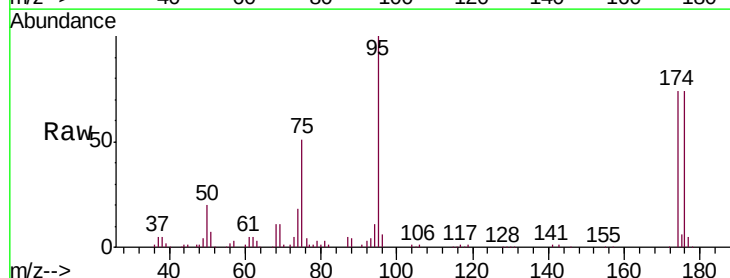
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

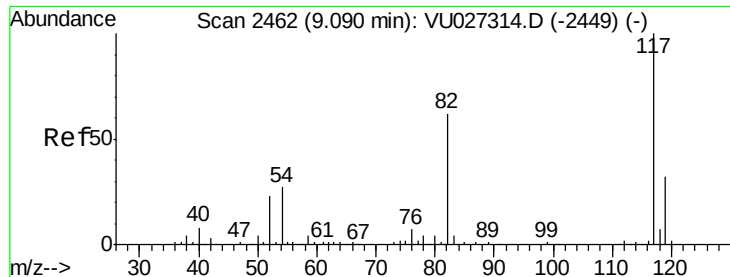
Tgt Ion: 107 Resp: 83701
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 49.622 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Tgt Ion: 95 Resp: 102849
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 147.8
 176 73.6 0.0 140.8

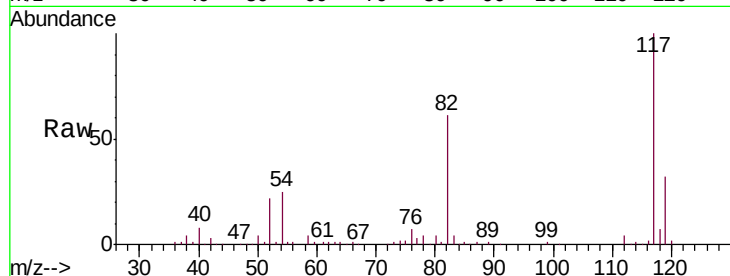




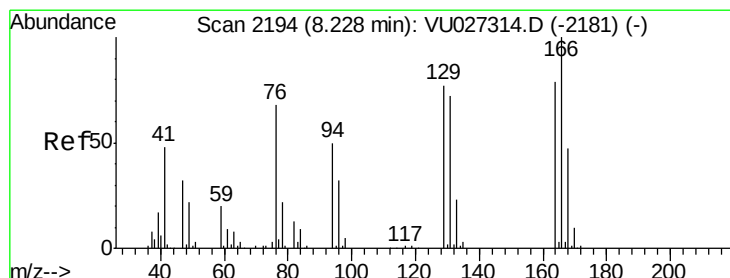
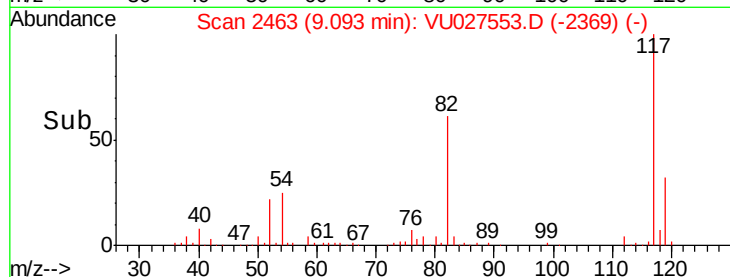
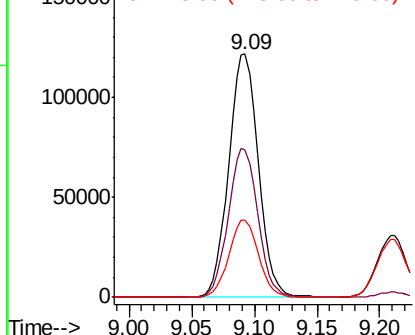
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 200075
Ion Ratio Lower Upper
117 100
82 60.8 49.2 73.8
119 31.8 25.7 38.5

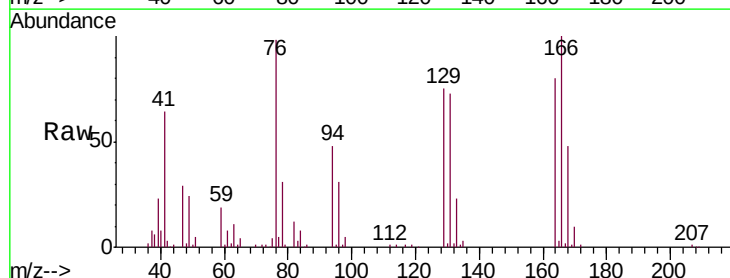


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

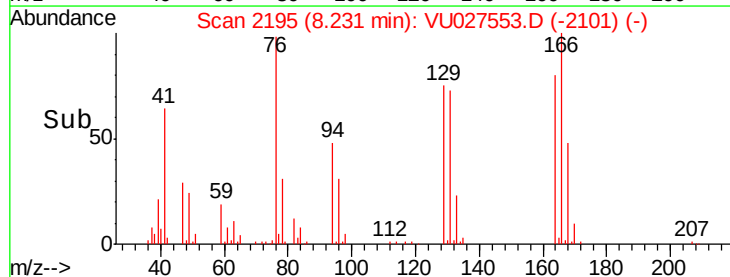
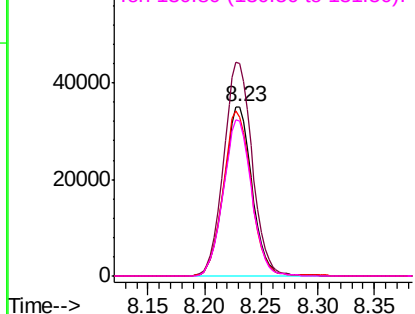


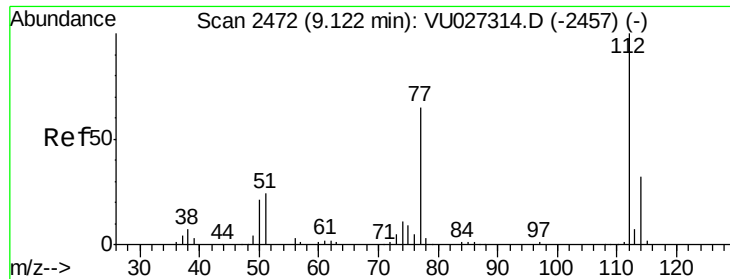
#64
Tetrachloroethene
Concen: 48.380 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion:164 Resp: 60258
Ion Ratio Lower Upper
164 100
166 125.4 101.0 151.6
129 93.9 78.0 117.0
131 91.2 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

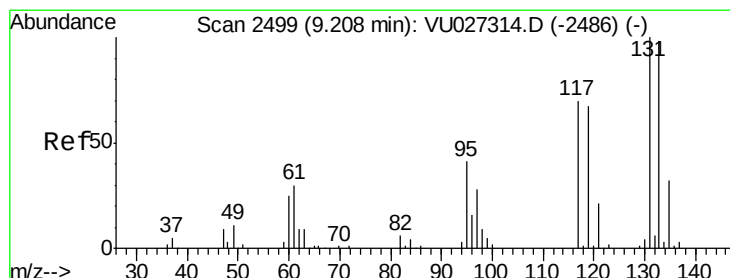
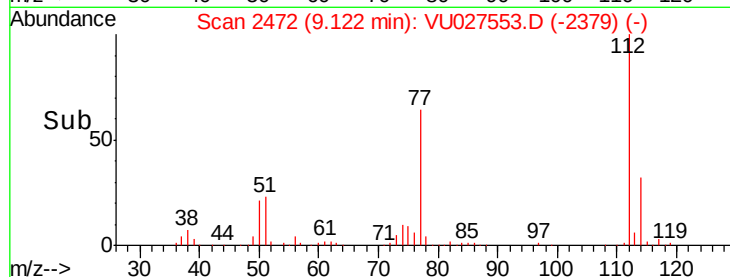
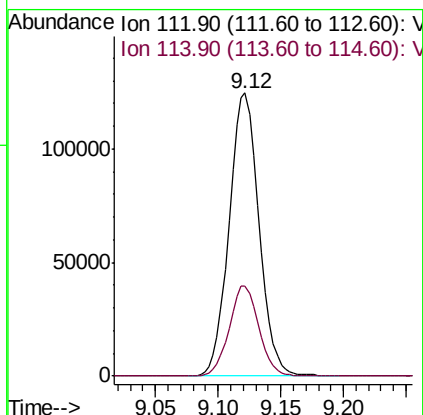
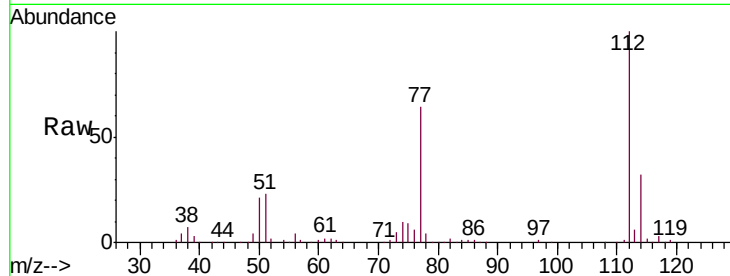




#65
Chlorobenzene
Concen: 49.019 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

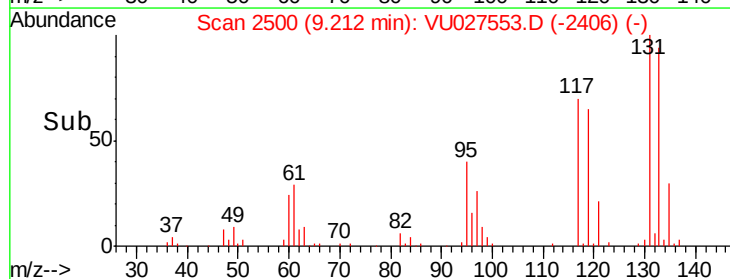
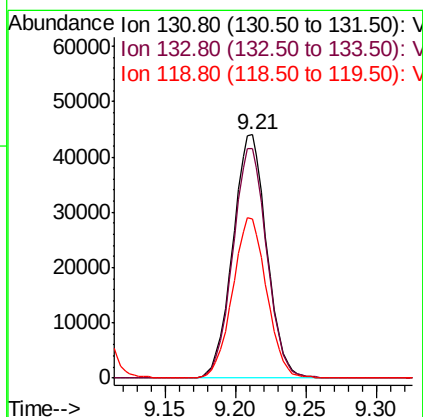
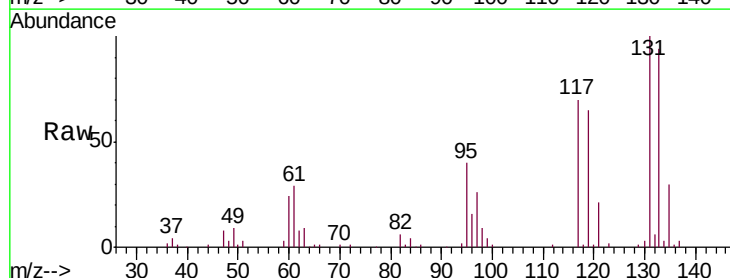
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

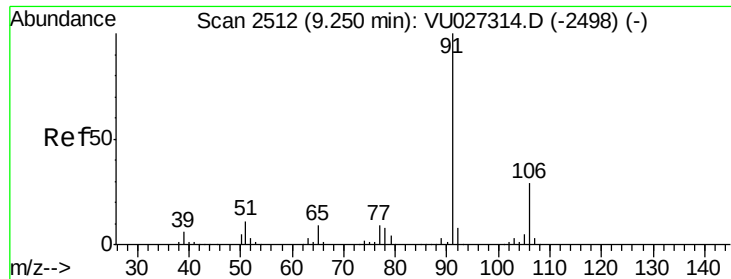
Tgt Ion:112 Resp: 206442
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.000 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion:131 Resp: 74146
Ion Ratio Lower Upper
131 100
133 94.6 48.5 145.6
119 66.2 33.5 100.4

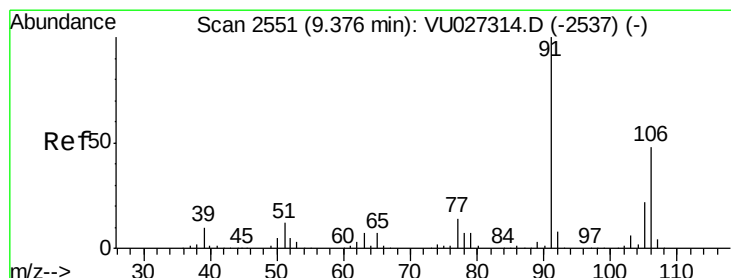
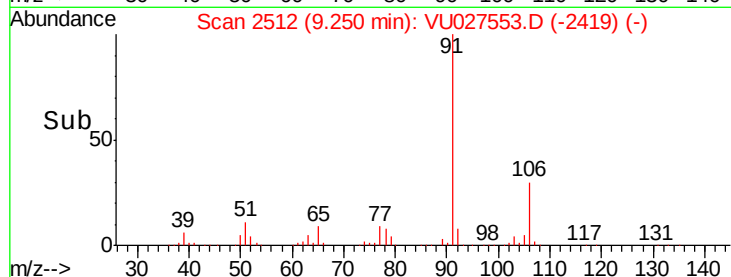
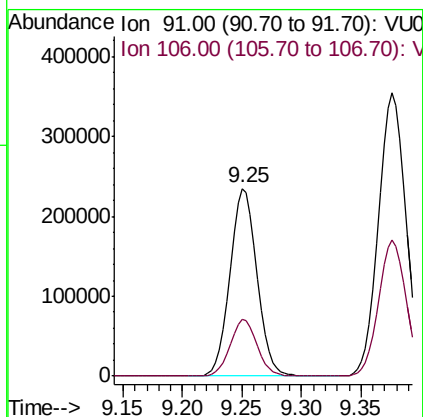
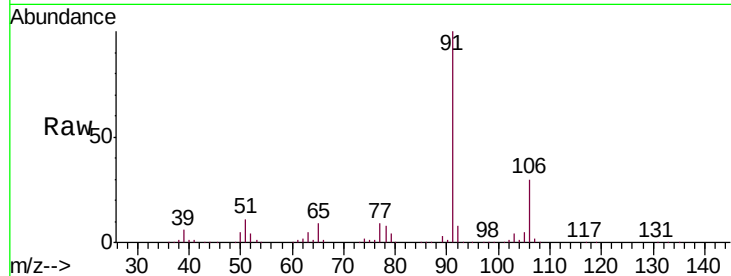




#67
Ethyl Benzene
Concen: 49.444 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

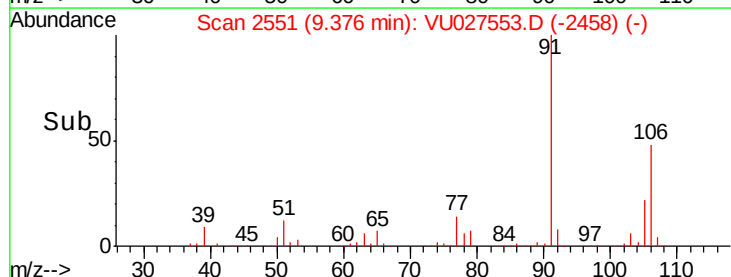
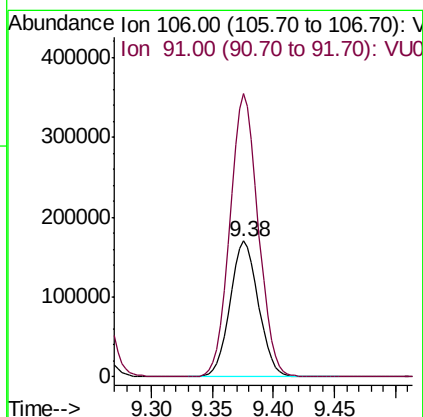
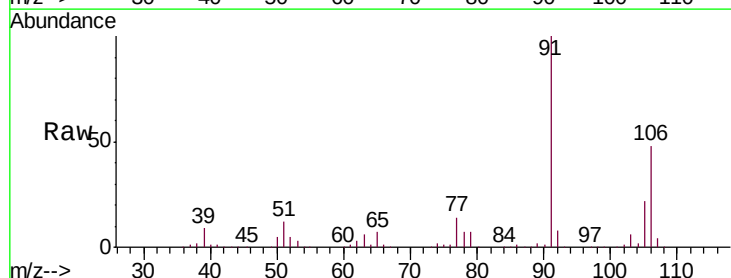
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

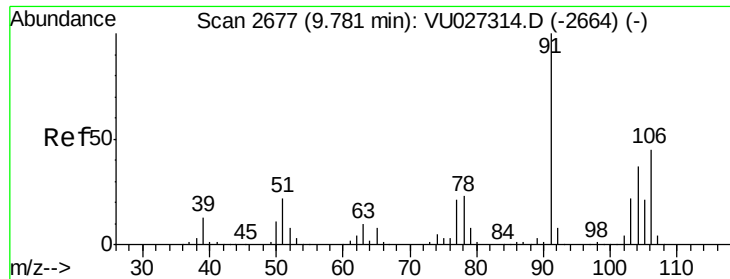
Tgt Ion: 91 Resp: 368922
Ion Ratio Lower Upper
91 100
106 30.1 23.6 35.4



#68
m/p-Xylenes
Concen: 101.221 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 106 Resp: 276261
Ion Ratio Lower Upper
106 100
91 207.9 168.1 252.1

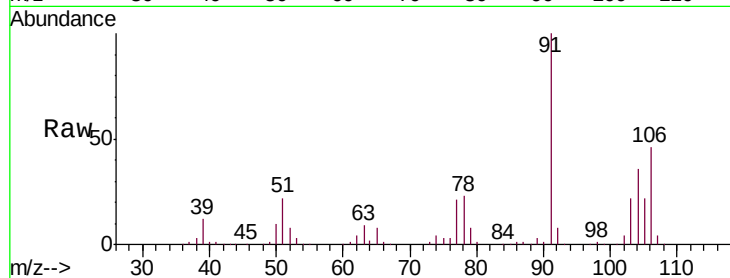




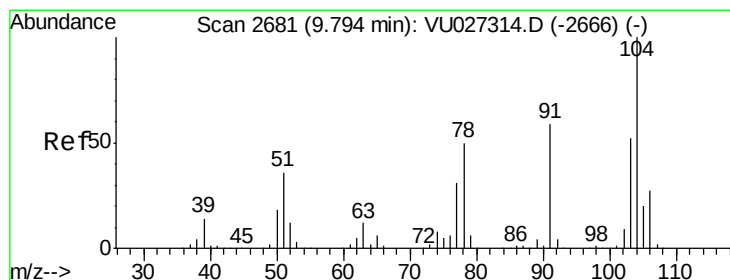
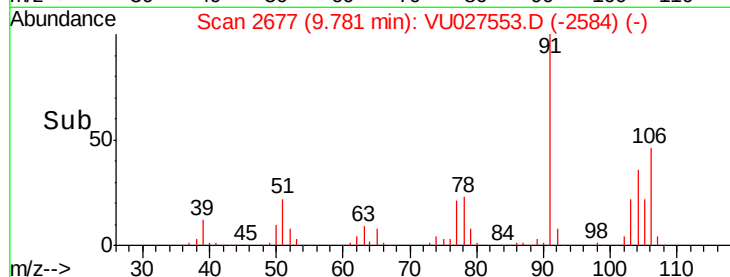
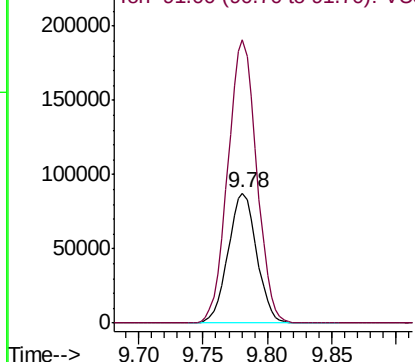
#69
o-Xylene
Concen: 51.983 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 134823
Ion Ratio Lower Upper
106 100
91 219.3 111.7 334.9

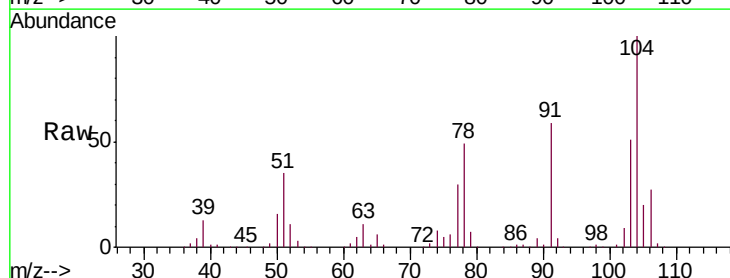


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

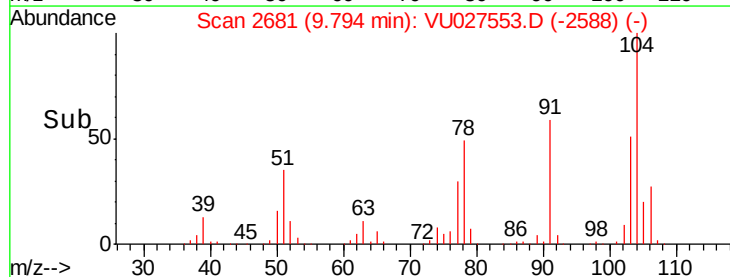
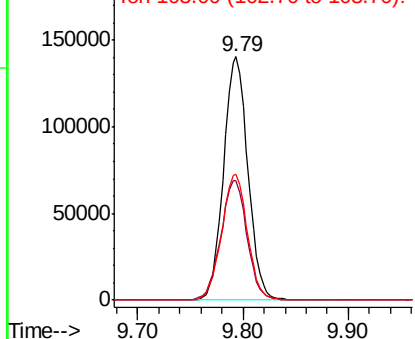


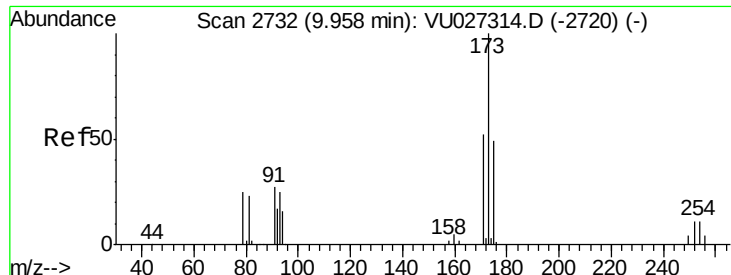
#70
Styrene
Concen: 46.318 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion:104 Resp: 223697
Ion Ratio Lower Upper
104 100
78 53.2 42.9 64.3
103 54.9 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: 52.032 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

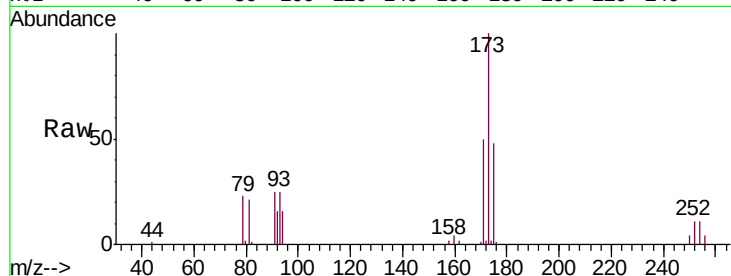
Tgt Ion:173 Resp: 60862

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

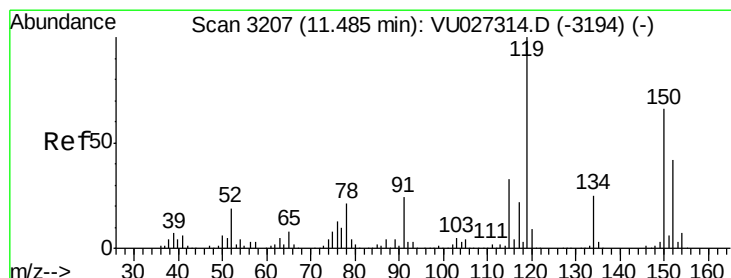
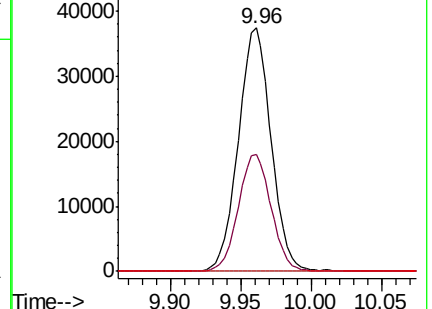
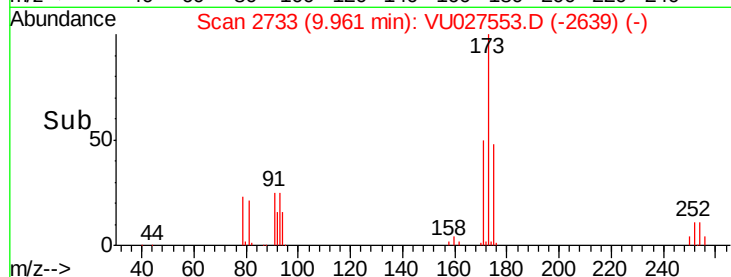
254 0.0 0.0 0.0



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: VU027553.D

Acq: 10 Oct 2018 03:45

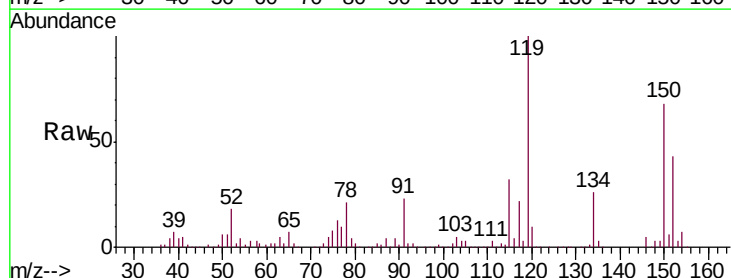
Tgt Ion:152 Resp: 100196

Ion Ratio Lower Upper

152 100

115 82.8 43.4 130.2

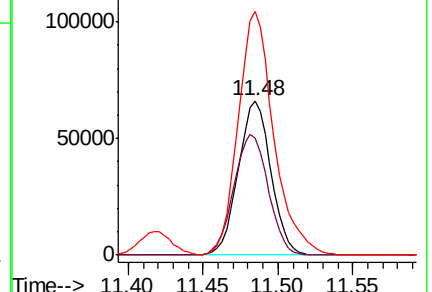
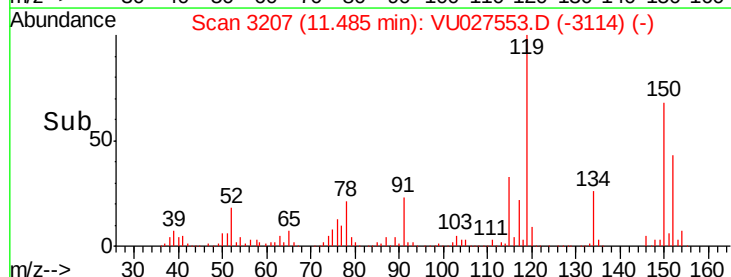
150 172.7 0.0 349.2

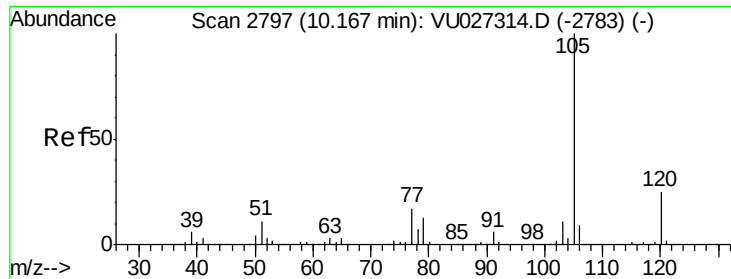


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.226 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

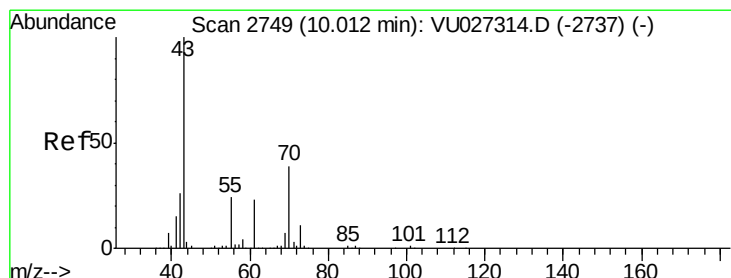
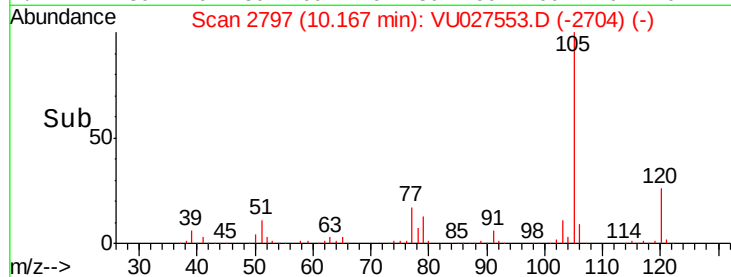
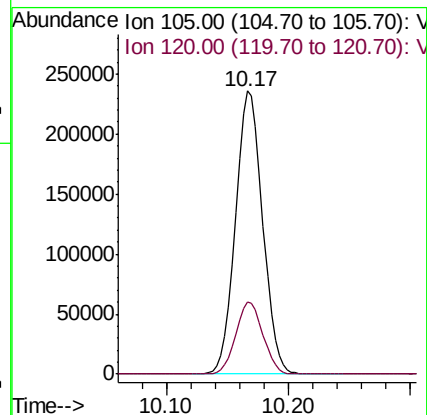
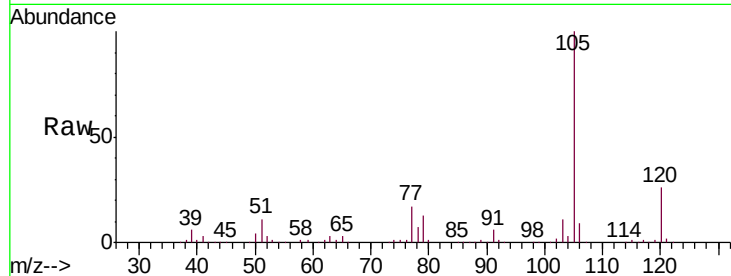
VSTDCCC050EC

Tgt Ion:105 Resp: 365498

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 50.729 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Tgt Ion: 43 Resp: 211337

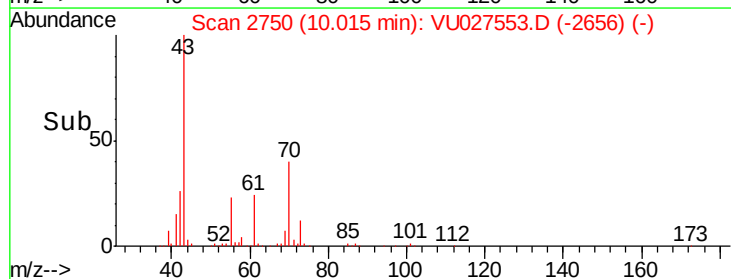
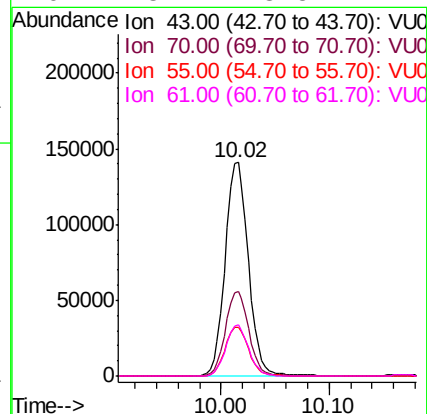
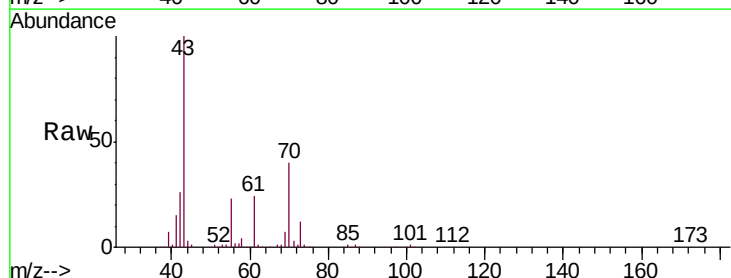
Ion Ratio Lower Upper

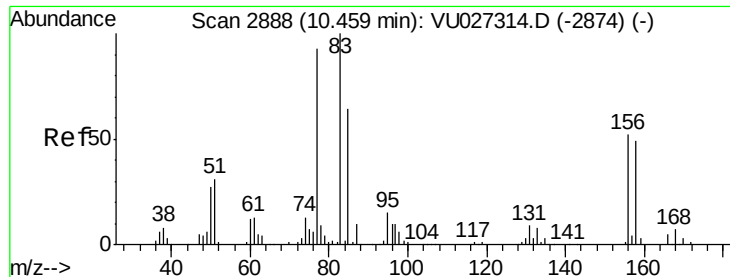
43 100

70 39.7 31.3 46.9

55 23.4 19.0 28.6

61 23.4 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.356 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

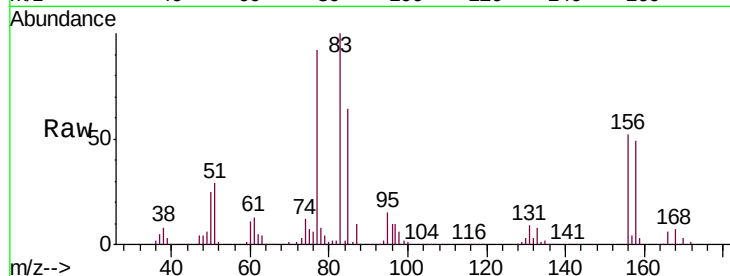
Tgt Ion: 83 Resp: 141030

Ion Ratio Lower Upper

83 100

131 8.8 4.4 13.2

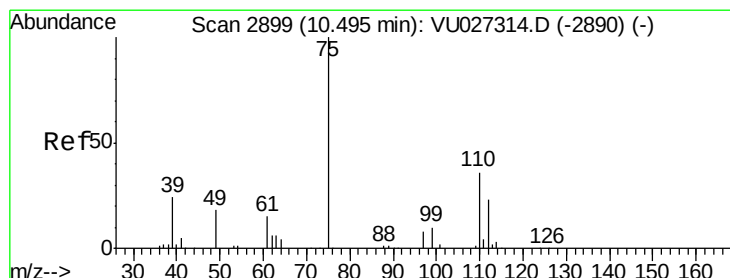
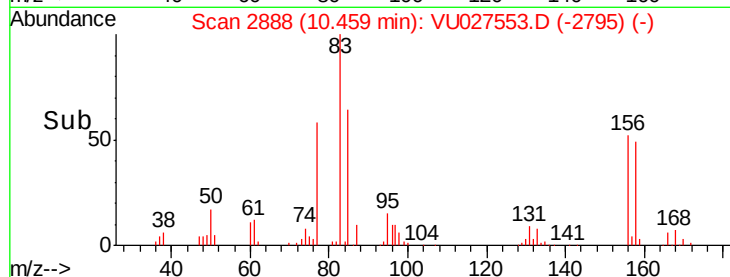
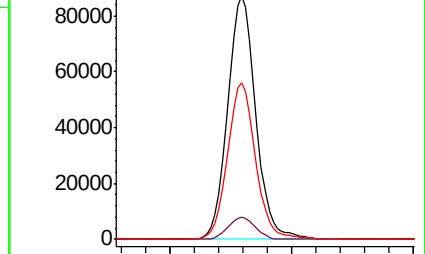
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU027553.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027553.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027553.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 64.108 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027553.D

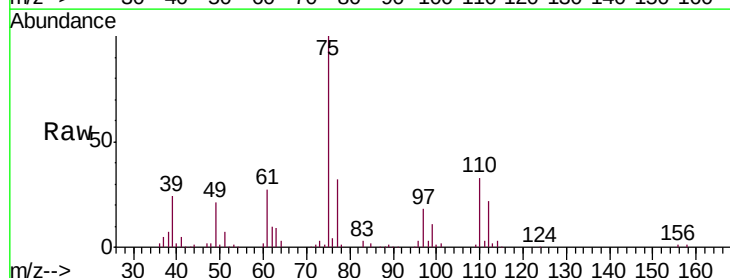
Acq: 10 Oct 2018 03:45

Tgt Ion: 75 Resp: 166509

Ion Ratio Lower Upper

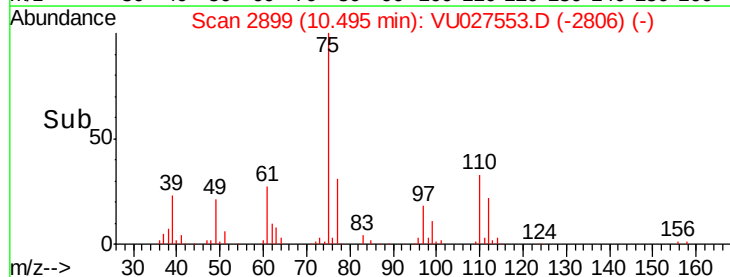
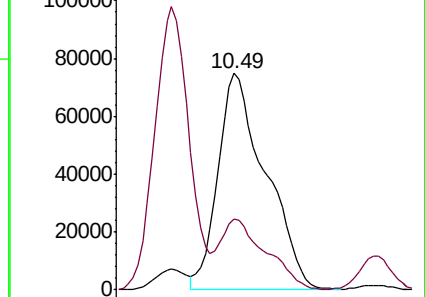
75 100

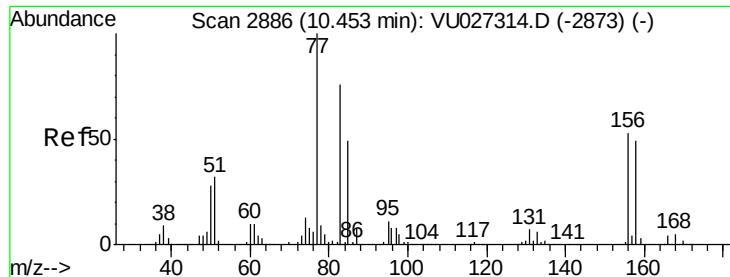
77 31.6 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU027553.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027553.D (-2806) (-)





#77

Bromobenzene

Concen: 49.863 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

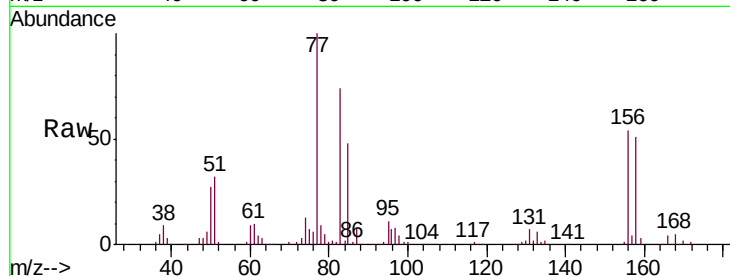
Tgt Ion:156 Resp: 84329

Ion Ratio Lower Upper

156 100

77 185.3 94.8 284.4

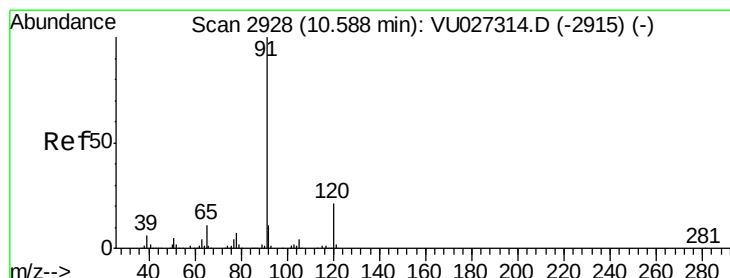
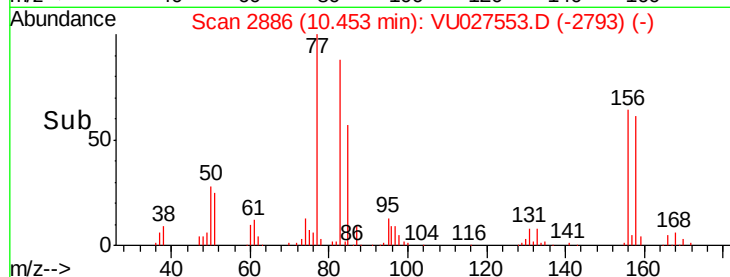
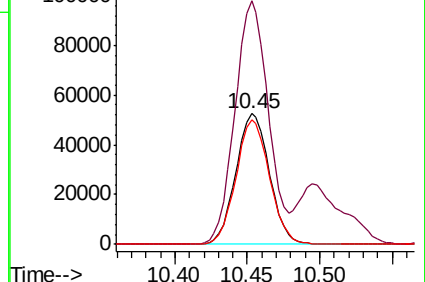
158 95.2 47.4 142.3



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: 49.668 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027553.D

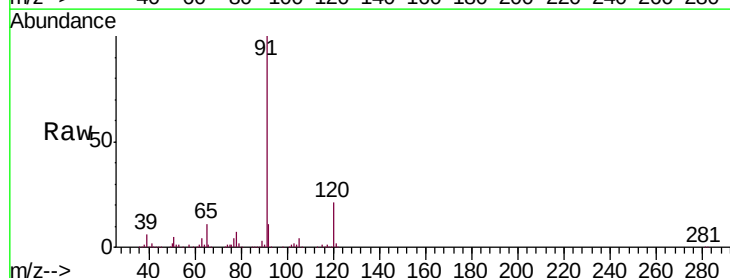
Acq: 10 Oct 2018 03:45

Tgt Ion: 91 Resp: 434315

Ion Ratio Lower Upper

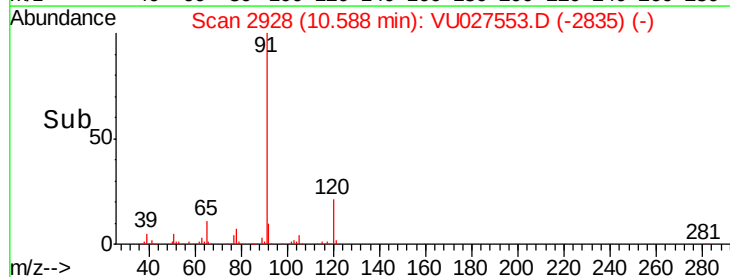
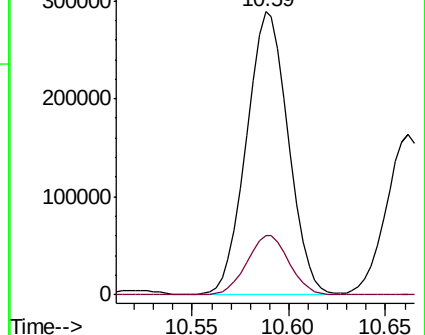
91 100

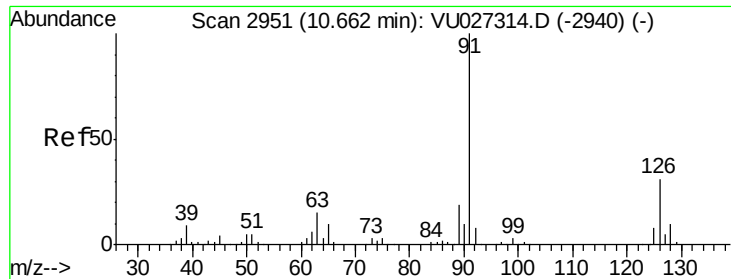
120 21.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

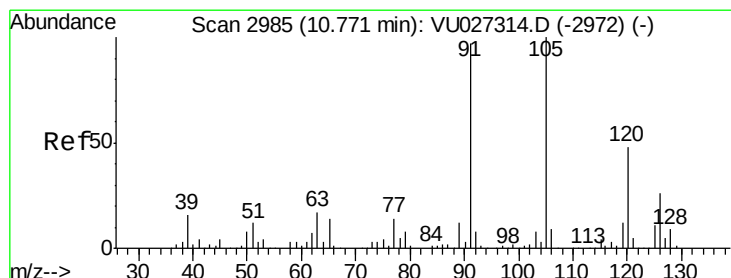
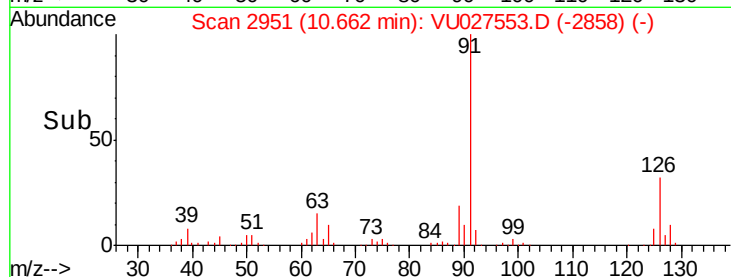
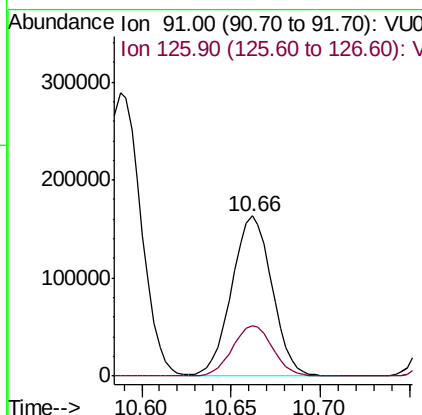
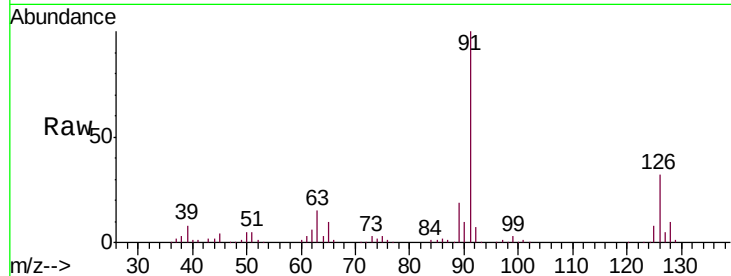




#79
 2-Chlorotoluene
 Concen: 48.316 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

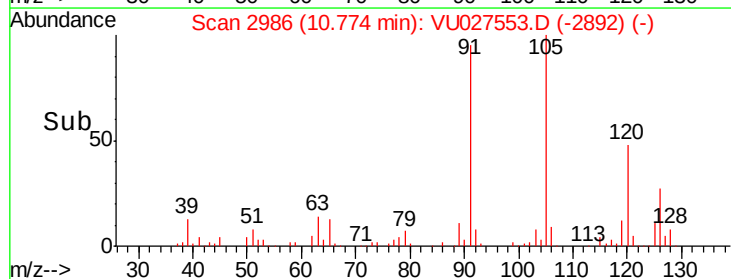
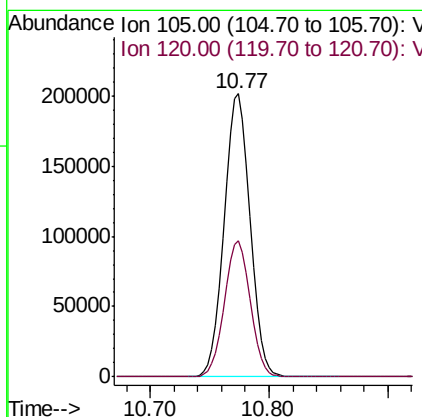
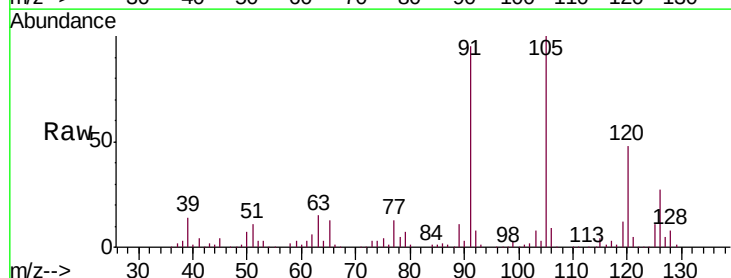
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

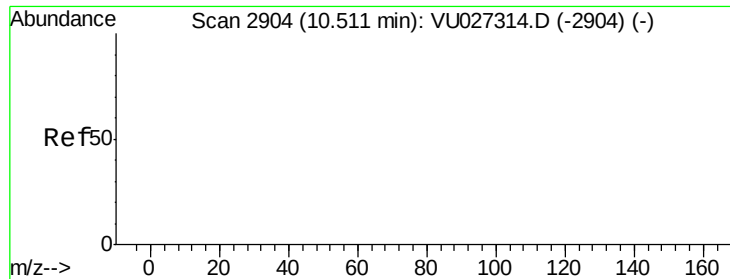
Tgt Ion: 91 Resp: 255097
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 51.323 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Tgt Ion: 105 Resp: 304068
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 167.778 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

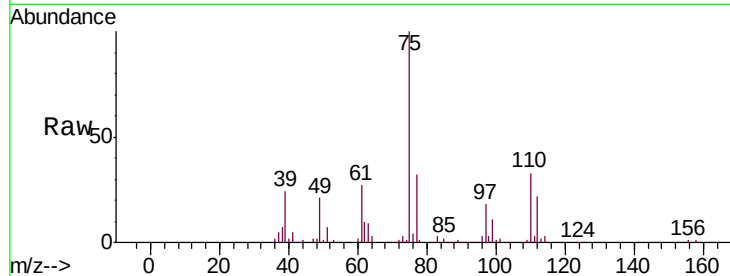
Tgt Ion: 75 Resp: 166509

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

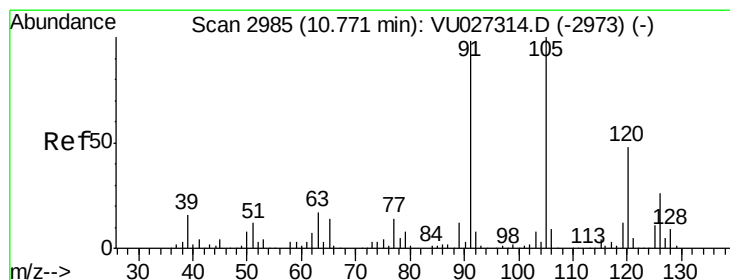
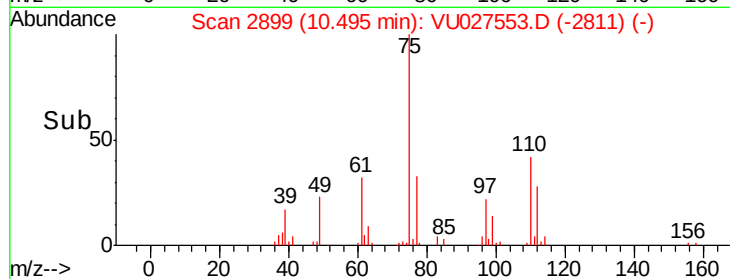
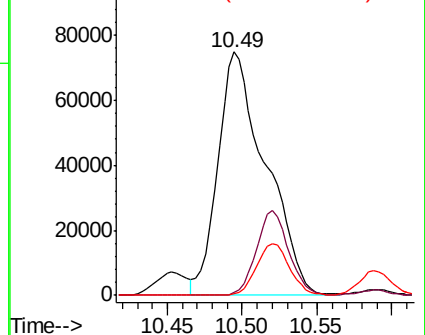
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 49.049 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027553.D

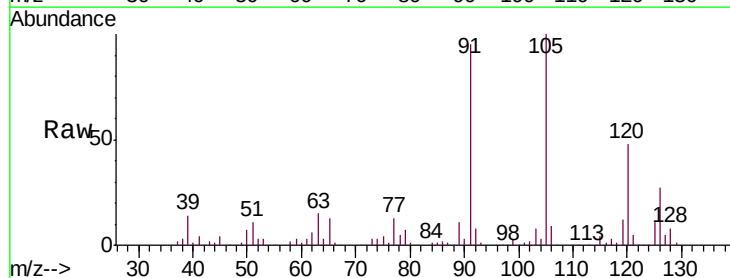
Acq: 10 Oct 2018 03:45

Tgt Ion: 91 Resp: 293876

Ion Ratio Lower Upper

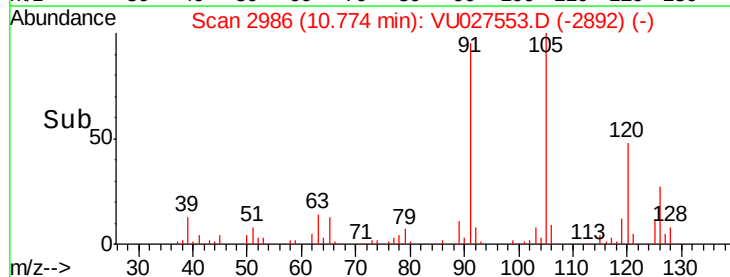
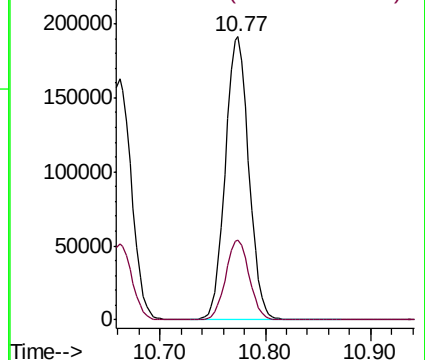
91 100

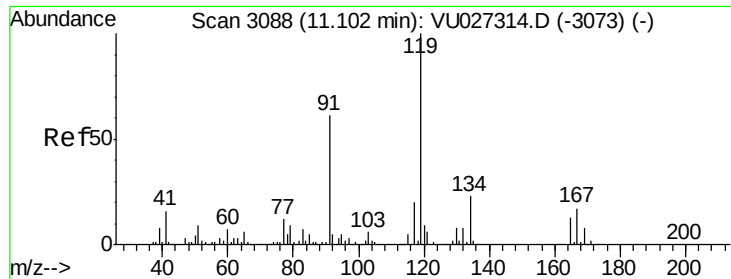
126 28.4 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

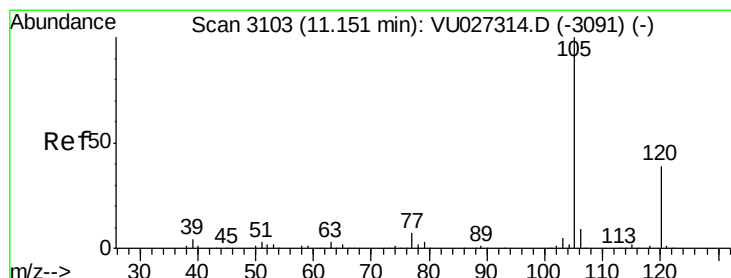
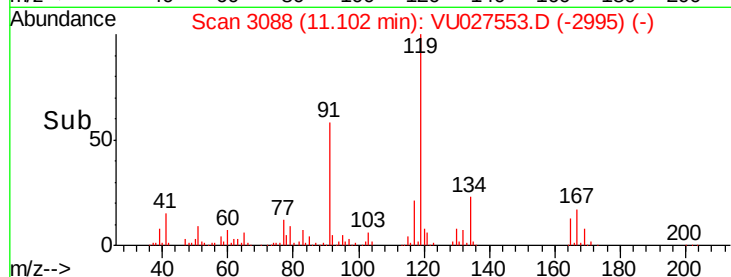
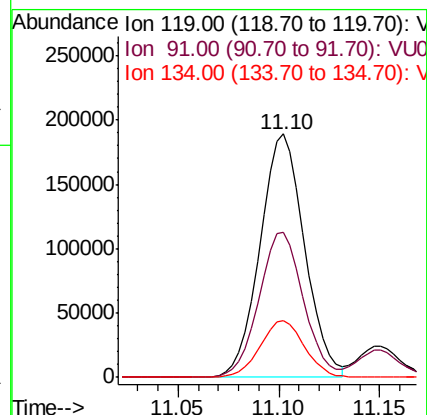
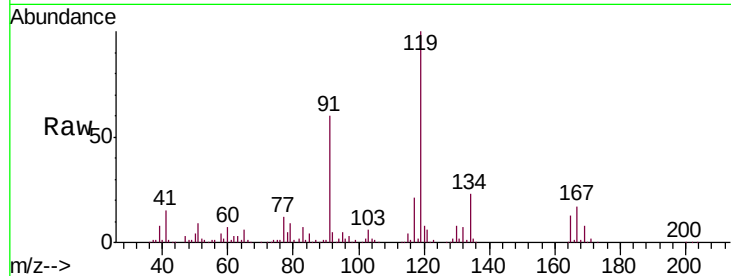




#83
 tert-Butylbenzene
 Concen: 50.878 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

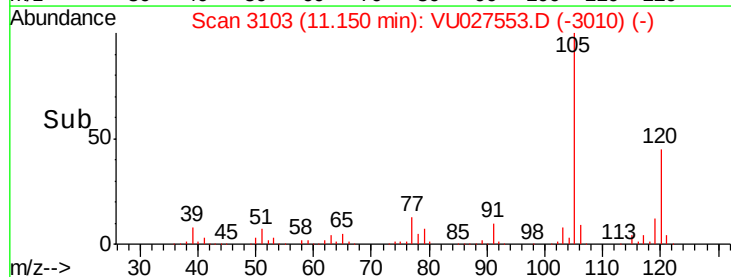
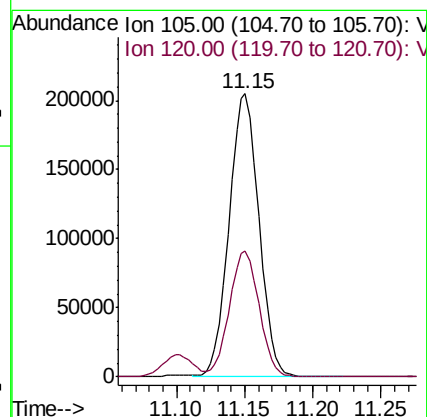
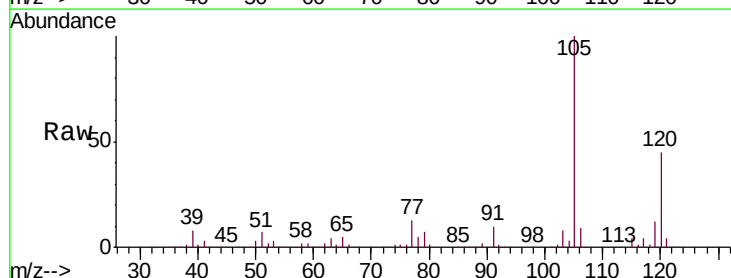
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

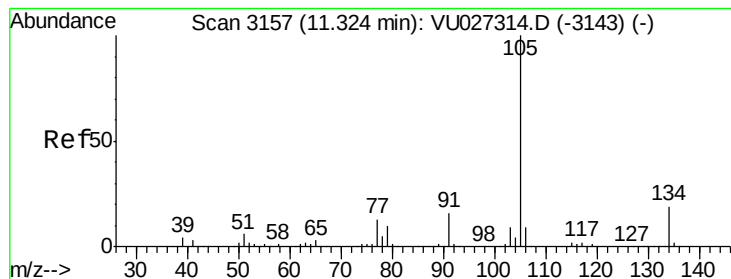
Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.5	30.3	91.0
134	23.2	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.298 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.5





#85

sec-Butylbenzene

Concen: 51.253 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

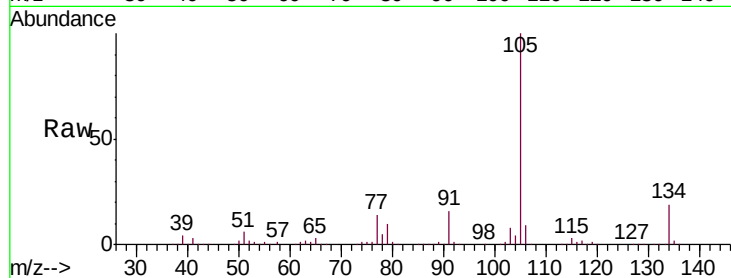
VSTDCCC050EC

Tgt Ion:105 Resp: 369875

Ion Ratio Lower Upper

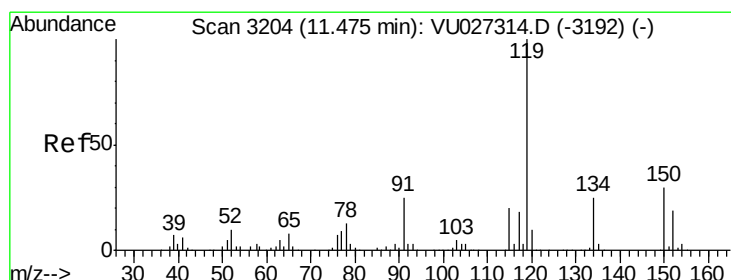
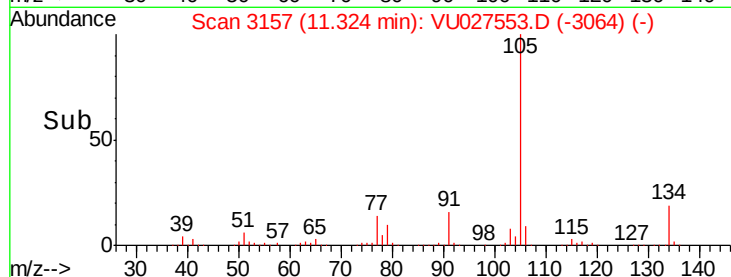
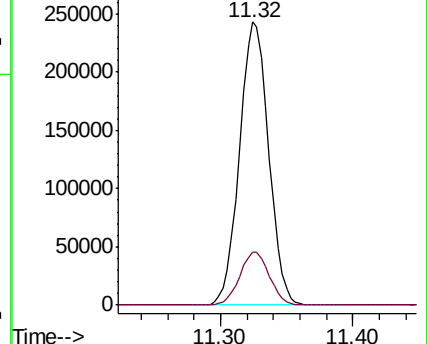
105 100

134 18.9 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.962 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

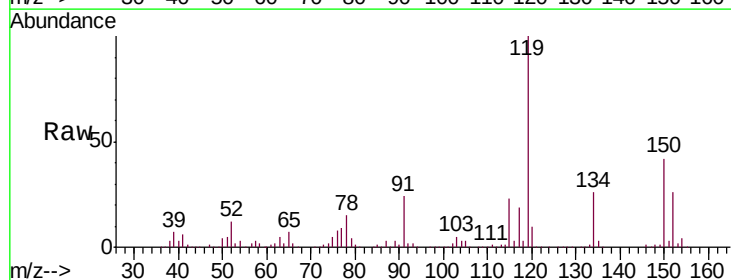
Tgt Ion:119 Resp: 314887

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

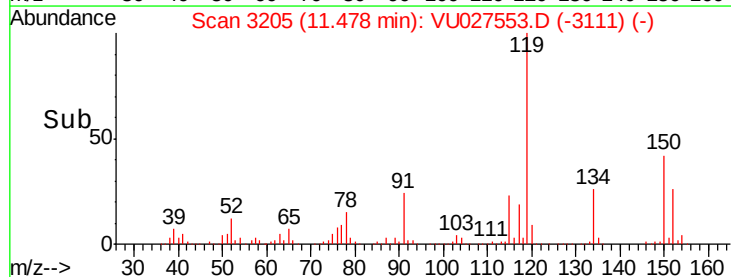
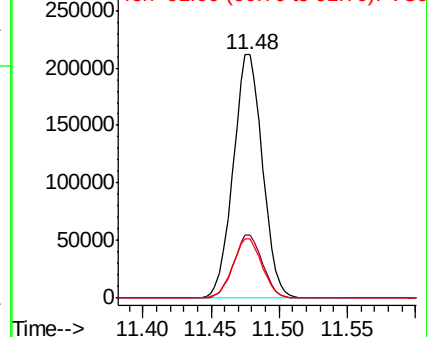
91 24.4 12.2 36.4

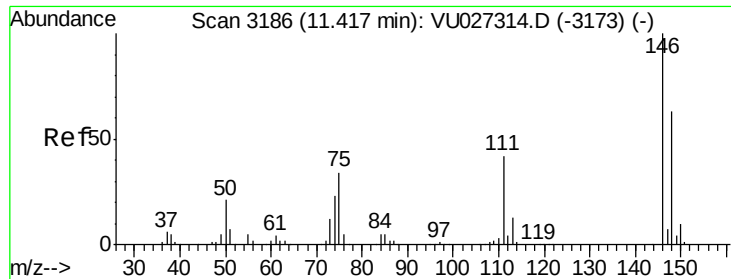


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

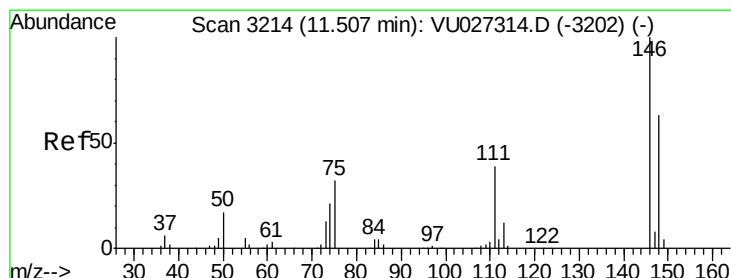
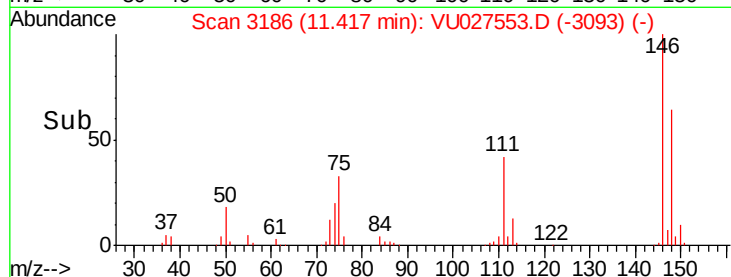
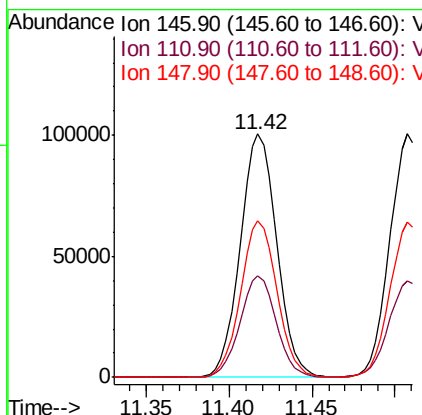
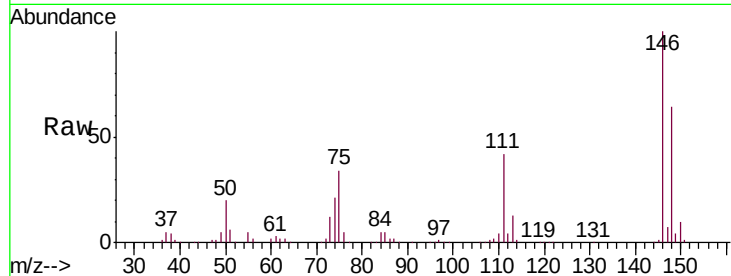




#87
 1,3-Dichlorobenzene
 Concen: 48.130 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

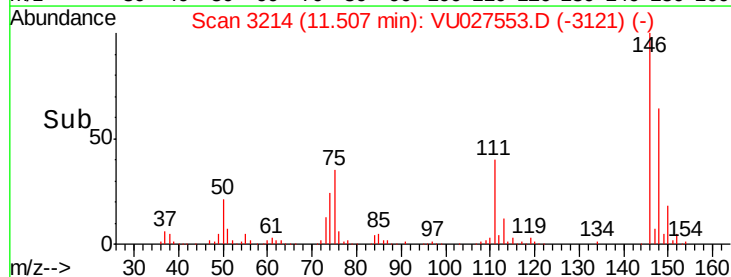
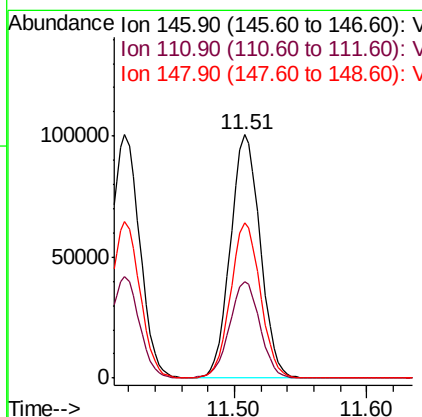
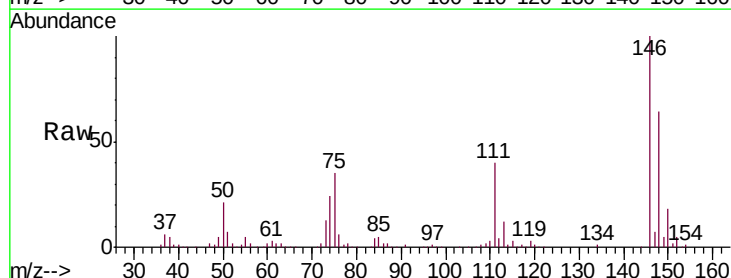
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

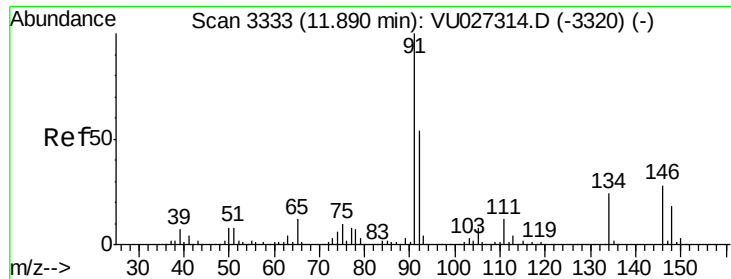
Tgt Ion:146 Resp: 154131
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.5
 148 64.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 48.072 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Tgt Ion:146 Resp: 157314
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.4 61.2
 148 63.9 31.9 95.5

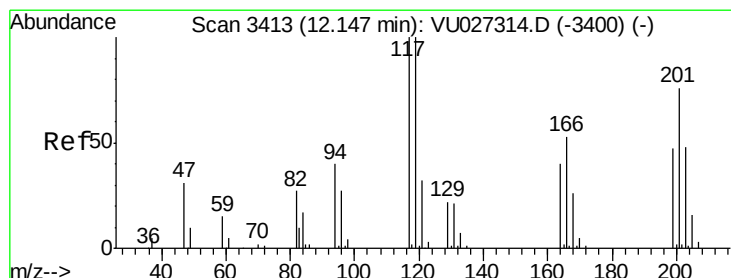
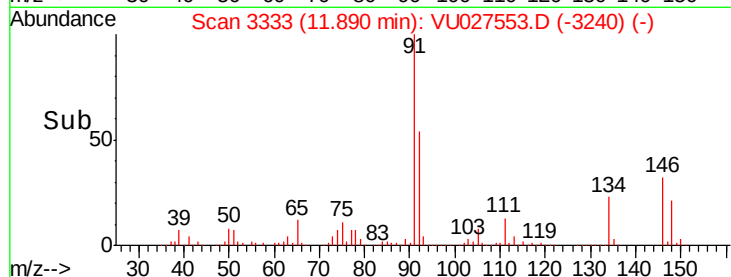
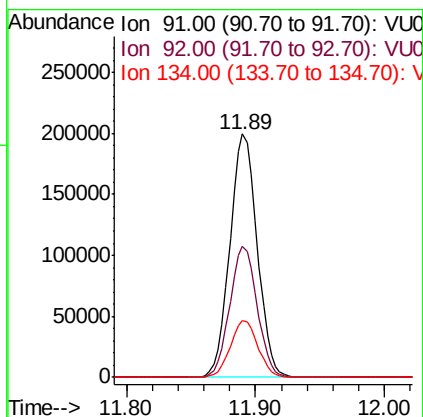
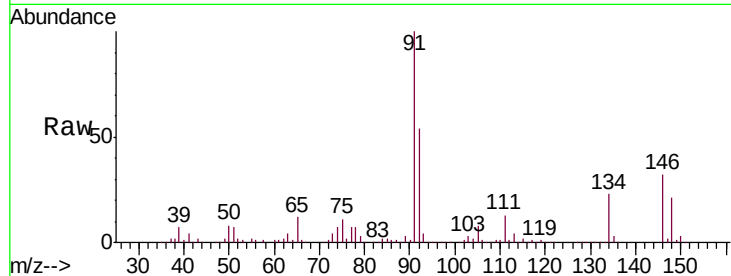




#89
n-Butylbenzene
Concen: 44.838 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

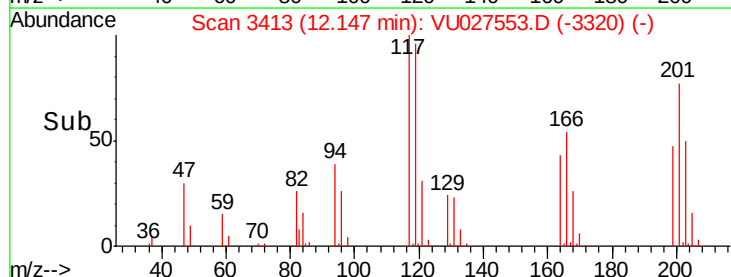
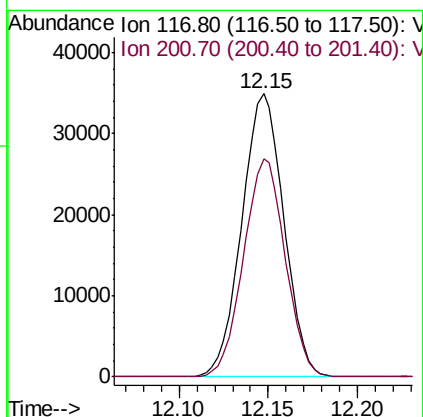
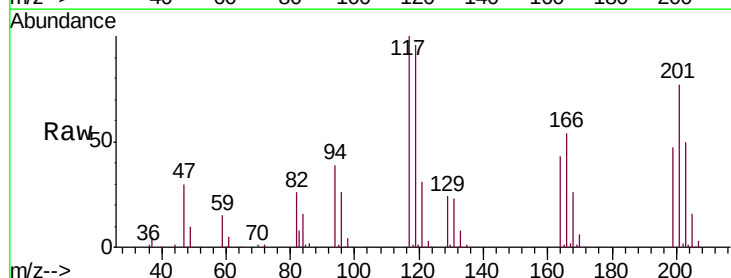
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

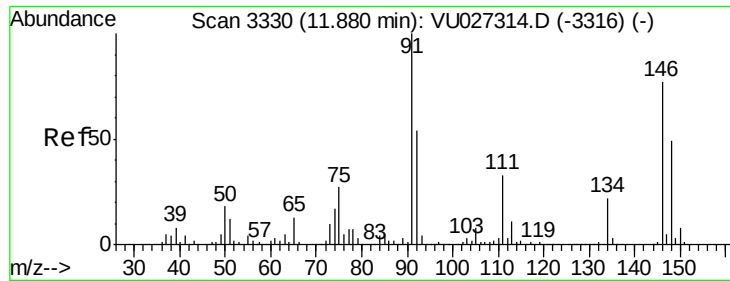
Tgt Ion: 91 Resp: 292624
Ion Ratio Lower Upper
91 100
92 53.9 27.0 81.0
134 23.6 11.7 35.1



#90
Hexachloroethane
Concen: 49.436 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion: 117 Resp: 57577
Ion Ratio Lower Upper
117 100
201 76.2 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 50.429 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

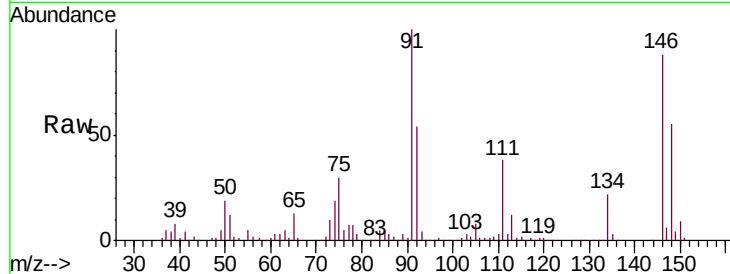
Tgt Ion:146 Resp: 157197

Ion Ratio Lower Upper

146 100

111 42.8 21.8 65.4

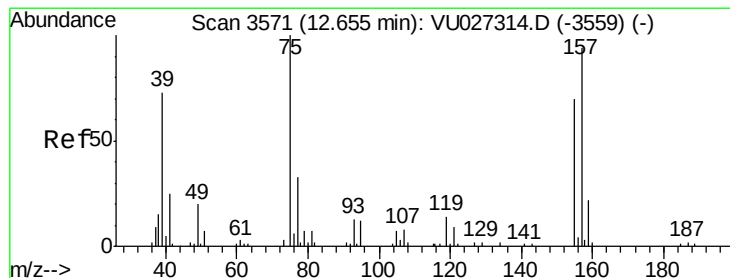
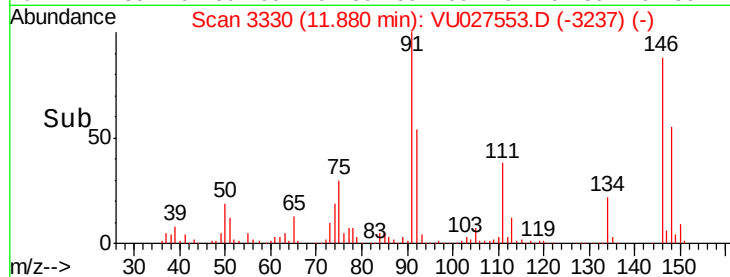
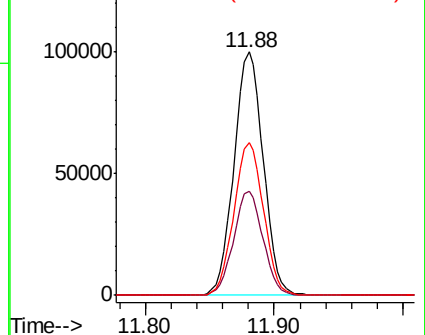
148 63.4 31.9 95.5



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: 51.164 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027553.D

Acq: 10 Oct 2018 03:45

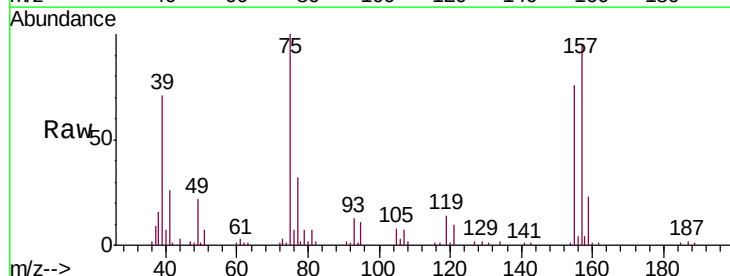
Tgt Ion: 75 Resp: 32401

Ion Ratio Lower Upper

75 100

155 78.1 35.9 107.8

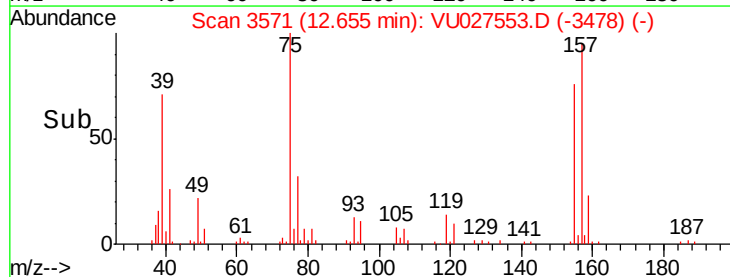
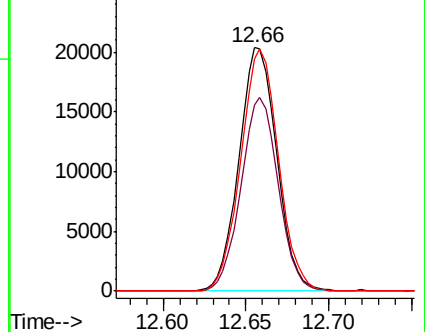
157 98.9 46.9 140.6

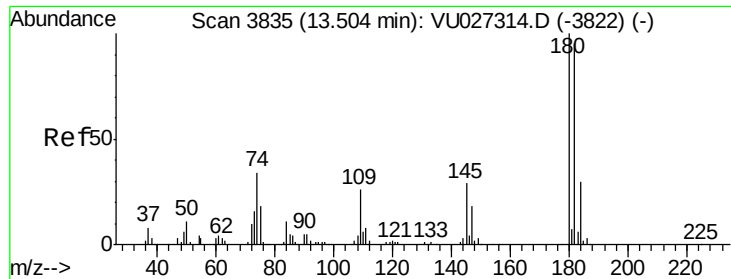


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

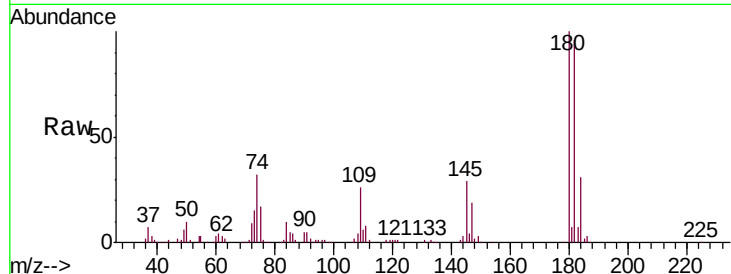




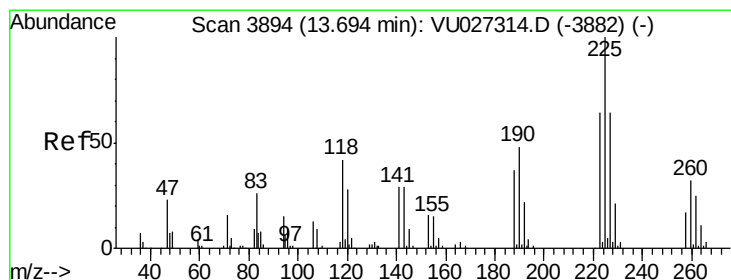
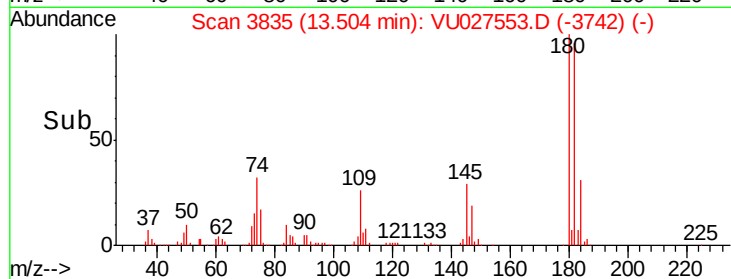
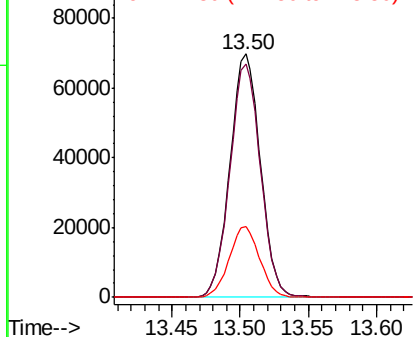
#93
 1,2,4-Trichlorobenzene
 Concen: 53.682 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 108277
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.4 142.3
 145 29.1 14.6 44.0

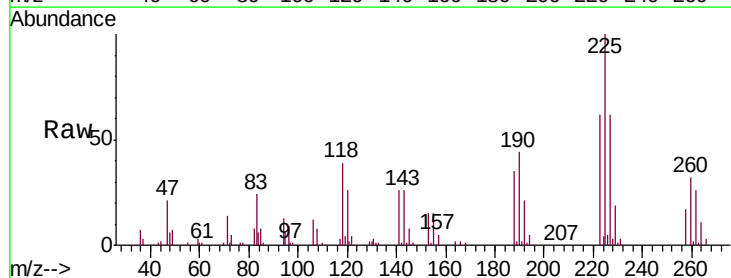


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

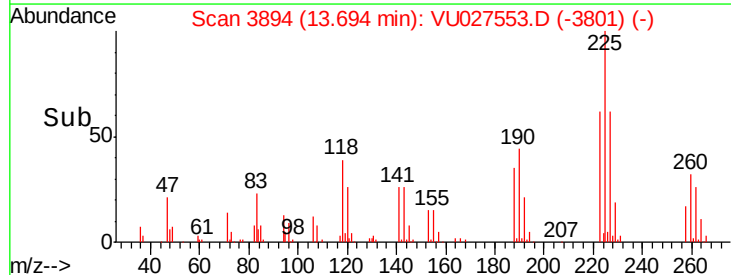
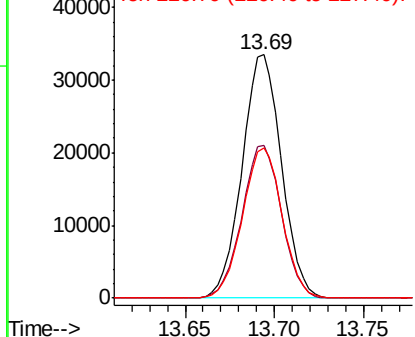


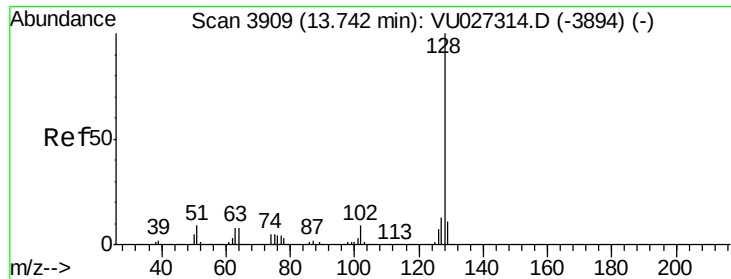
#94
 Hexachlorobutadiene
 Concen: 50.726 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027553.D
 Acq: 10 Oct 2018 03:45

Tgt Ion:225 Resp: 51694
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.8 95.3
 227 61.8 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

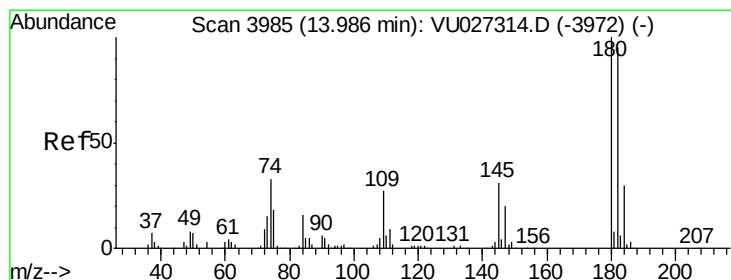
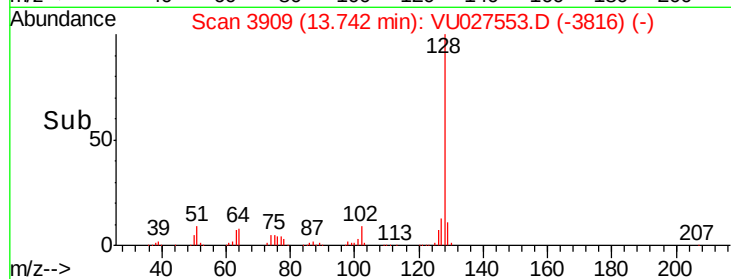
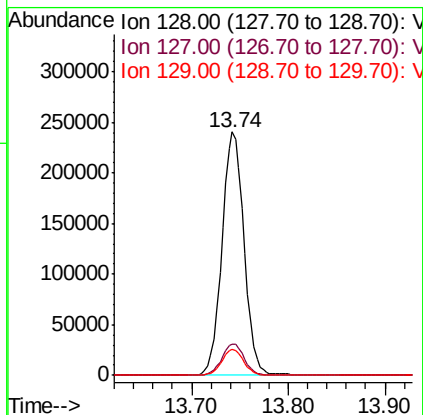
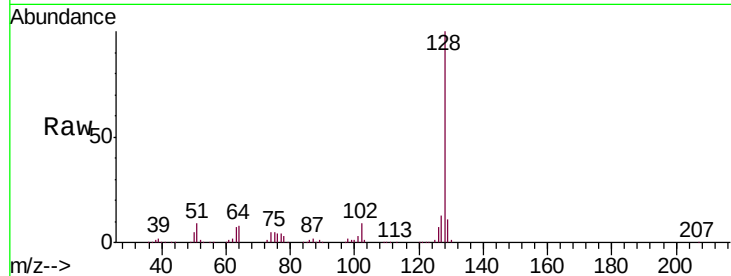




#95
Naphthalene
Concen: 50.145 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 379894
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.644 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027553.D
Acq: 10 Oct 2018 03:45

Tgt Ion:180 Resp: 112725
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 31.0 15.9 47.7

