

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100118\
 Data File : VU027311.D
 Acq On : 01 Oct 2018 10:07
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 01 23:19:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 01 23:17:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	113142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	193354	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	174543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	75584	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	2359	1.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.62%	
35) Dibromofluoromethane	4.89	113	1597	1.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.52%	
50) Toluene-d8	7.57	98	4962	1.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.00%	
62) 4-Bromofluorobenzene	10.31	95	1989	1.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.20%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	1300	0.797 ug/l	99
3) Chloromethane	1.33	50	2233	1.011 ug/l	93
4) Vinyl Chloride	1.41	62	1851	0.892 ug/l #	89
5) Bromomethane	1.63	94	848	0.944 ug/l	87
6) Chloroethane	1.70	64	1445	1.158 ug/l	98
7) Trichlorofluoromethane	1.89	101	1944	0.923 ug/l	93
8) Diethyl Ether	2.11	74	916	0.944 ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	1106	0.904 ug/l	96
10) Methyl Iodide	2.41	142	394	0.442 ug/l #	39
11) Tert butyl alcohol	2.83	59	2007	5.045 ug/l #	72
12) 1,1-Dichloroethene	2.29	96	1117	0.935 ug/l	99
13) Acrolein	2.19	56	1766	5.290 ug/l	84
14) Allyl chloride	2.59	41	2561	0.902 ug/l	95
15) Acrylonitrile	2.94	53	4947	4.777 ug/l	94
16) Acetone	2.32	43	6833	6.122 ug/l	98
17) Carbon Disulfide	2.48	76	4377	1.015 ug/l	100
18) Methyl Acetate	2.62	43	2920	1.147 ug/l #	91
19) Methyl tert-butyl Ether	3.00	73	4538	0.948 ug/l	99
20) Methylene Chloride	2.70	84	1652	1.063 ug/l	89
21) trans-1,2-Dichloroethene	2.98	96	1257	0.937 ug/l	88
22) Diisopropyl ether	3.57	45	5157	0.894 ug/l #	79
23) Vinyl Acetate	3.53	43	22464	4.459 ug/l	96
24) 1,1-Dichloroethane	3.45	63	2701	0.911 ug/l #	92
25) 2-Butanone	4.27	43	6905	4.537 ug/l	94
26) 2,2-Dichloropropane	4.23	77	2508	1.029 ug/l #	74
27) cis-1,2-Dichloroethene	4.23	96	1542	1.005 ug/l	91
28) Bromochloromethane	4.56	49	1387	0.969 ug/l #	94
29) Tetrahydrofuran	4.65	42	4431	4.620 ug/l	98
30) Chloroform	4.68	83	2526	0.959 ug/l	98
31) Cyclohexane	4.99	56	5562	1.604 ug/l #	56
32) 1,1,1-Trichloroethane	4.92	97	2036	0.918 ug/l #	53
36) 1,1-Dichloropropene	5.14	75	2042	0.973 ug/l #	84
37) Ethyl Acetate	4.39	43	2032	0.785 ug/l #	82
38) Carbon Tetrachloride	5.13	117	1772	0.934 ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100118\
 Data File : VU027311.D
 Acq On : 01 Oct 2018 10:07
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC001

Quant Time: Oct 01 23:19:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 01 23:17:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	2195	0.894	ug/l	91
40) Benzene	5.39	78	5902	0.965	ug/l	93
41) Methacrylonitrile	4.55	41	1426	0.930	ug/l #	76
42) 1,2-Dichloroethane	5.41	62	2105	0.927	ug/l #	76
43) Isopropyl Acetate	5.56	43	3608	0.856	ug/l #	92
44) Trichloroethene	6.19	130	1342	0.984	ug/l	89
45) 1,2-Dichloropropane	6.43	63	1618	0.917	ug/l	99
46) Dibromomethane	6.56	93	846	0.849	ug/l	99
47) Bromodichloromethane	6.76	83	1893	0.916	ug/l #	95
48) Methyl methacrylate	6.63	41	1728	0.825	ug/l #	87
49) 1,4-Dioxane	6.63	88	548	15.199	ug/l #	90
51) 4-Methyl-2-Pentanone	7.46	43	11175	4.081	ug/l	95
52) Toluene	7.64	92	3243	0.896	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	1956	0.807	ug/l	92
54) cis-1,3-Dichloropropene	7.27	75	2181	0.837	ug/l	90
55) 1,1,2-Trichloroethane	8.07	97	1292	0.900	ug/l	93
56) Ethyl methacrylate	8.03	69	1590	0.668	ug/l	86
57) 1,3-Dichloropropane	8.24	76	2573	0.924	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	4657	3.500	ug/l	92
59) 2-Hexanone	8.37	43	8677	4.085	ug/l	93
60) Dibromochloromethane	8.48	129	1188	0.825	ug/l	91
61) 1,2-Dibromoethane	8.59	107	1404	0.920	ug/l	99
64) Tetrachloroethene	8.23	164	1047	0.964	ug/l	87
65) Chlorobenzene	9.12	112	3588	0.977	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.21	131	1129	0.890	ug/l #	65
67) Ethyl Benzene	9.25	91	5835	0.896	ug/l	100
68) m/p-Xylenes	9.38	106	4089	1.717	ug/l	98
69) o-Xylene	9.78	106	1742	0.770	ug/l	89
70) Styrene	9.80	104	2828	0.761	ug/l	98
71) Bromoform	9.96	173	854	0.837	ug/l #	91
73) Isopropylbenzene	10.17	105	4915	0.895	ug/l	93
74) N-amyl acetate	10.02	43	2689	0.856	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	10.46	83	2097	0.973	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	2412	1.145	ug/l	74
77) Bromobenzene	10.46	156	1244	0.975	ug/l	93
78) n-propylbenzene	10.59	91	5756	0.873	ug/l	96
79) 2-Chlorotoluene	10.66	91	3806	0.956	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	3715	0.831	ug/l	91
81) trans-1,4-Dichloro-2-buten	10.49	75	2412	2.950	ug/l #	100
82) 4-Chlorotoluene	10.77	91	3985	0.882	ug/l	96
83) tert-Butylbenzene	11.10	119	3610	0.836	ug/l	94
84) 1,2,4-Trimethylbenzene	11.15	105	3771	0.826	ug/l	95
85) sec-Butylbenzene	11.33	105	4363	0.801	ug/l	95
86) p-Isopropyltoluene	11.48	119	3732	0.801	ug/l	96
87) 1,3-Dichlorobenzene	11.42	146	2487	1.029	ug/l	97
88) 1,4-Dichlorobenzene	11.51	146	2549	1.033	ug/l	87
89) n-Butylbenzene	11.89	91	3253	0.748	ug/l	96
90) Hexachloroethane	12.15	117	748	0.851	ug/l	92
91) 1,2-Dichlorobenzene	11.88	146	2215	0.942	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.66	75	395	0.827	ug/l	80

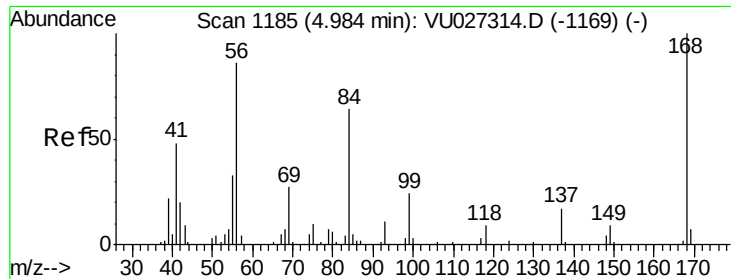
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100118\
Data File : VU027311.D
Acq On : 01 Oct 2018 10:07
Operator : MD/SY
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Quant Time: Oct 01 23:19:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 01 23:17:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	1254	0.824	ug/l	95
94) Hexachlorobutadiene	13.69	225	692	0.900	ug/l	94
95) Naphthalene	13.75	128	4149	0.813	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.99	180	1476	0.931	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

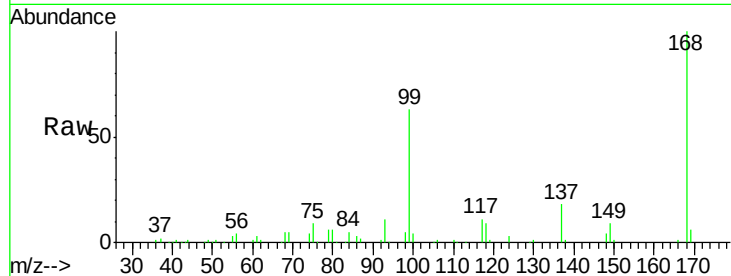
VSTDIC001

Tgt Ion:168 Resp: 113142

Ion Ratio Lower Upper

168 100

99 62.1 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027311.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027311.D (-1169) (-)

4.98

50000

40000

30000

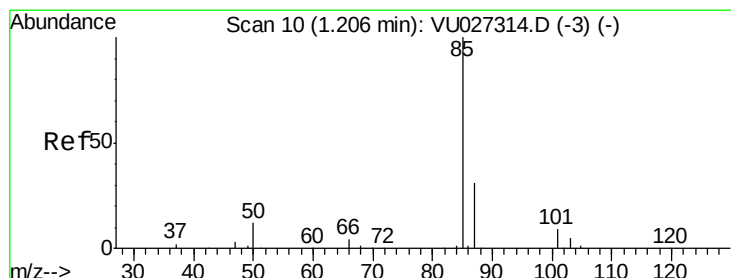
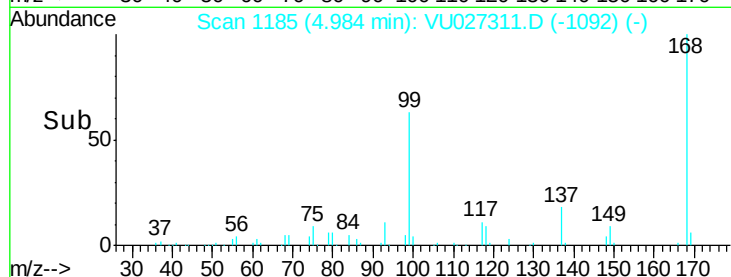
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 0.797 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027311.D

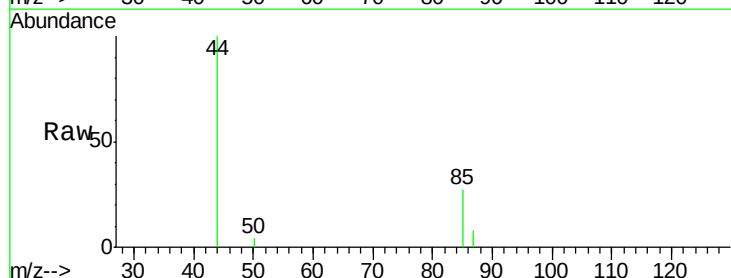
Acq: 01 Oct 2018 10:07

Tgt Ion: 85 Resp: 1300

Ion Ratio Lower Upper

85 100

87 31.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027311.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027311.D (-3) (-)

1.21

1500

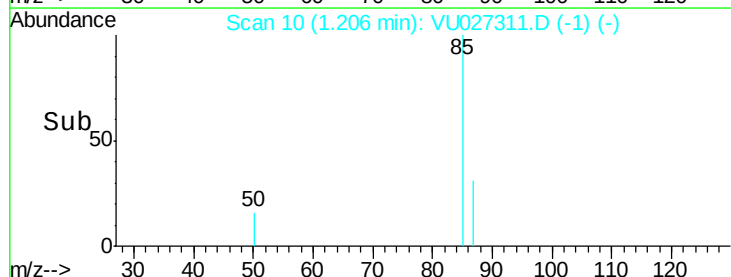
1000

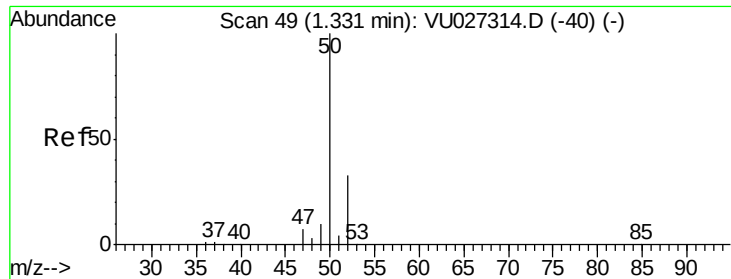
500

0

1.18 1.20 1.22 1.24

Time-->





#3

Chloromethane

Concen: 1.011 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

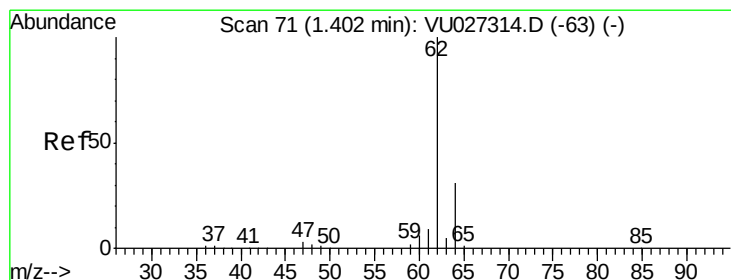
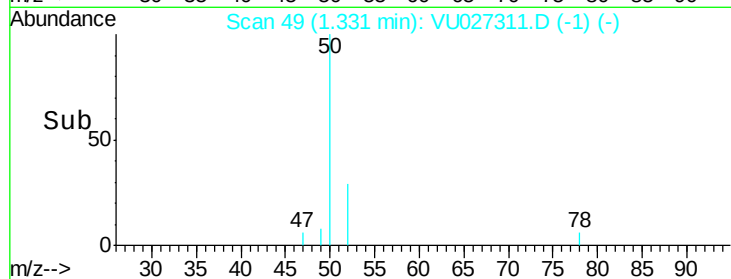
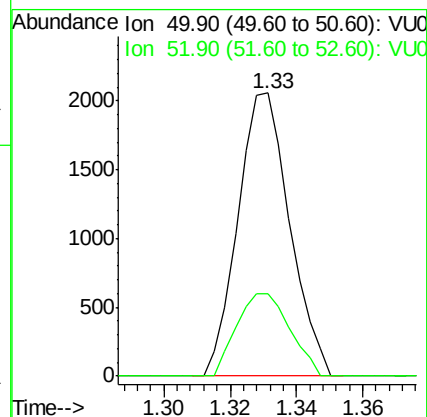
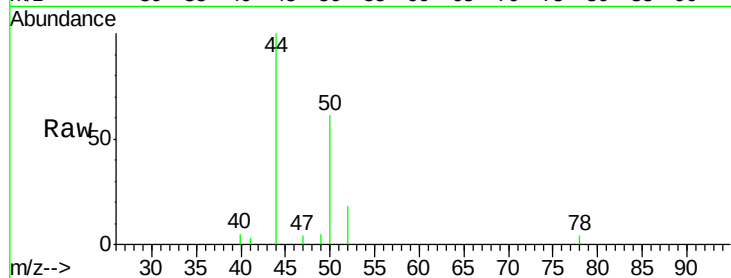
VSTDIC001

Tgt Ion: 50 Resp: 2233

Ion Ratio Lower Upper

50 100

52 28.9 26.5 39.7



#4

Vinyl Chloride

Concen: 0.892 ug/l

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027311.D

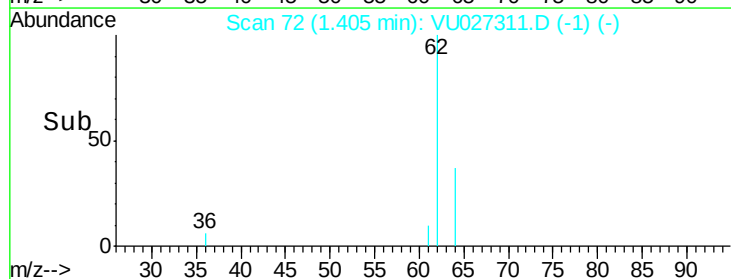
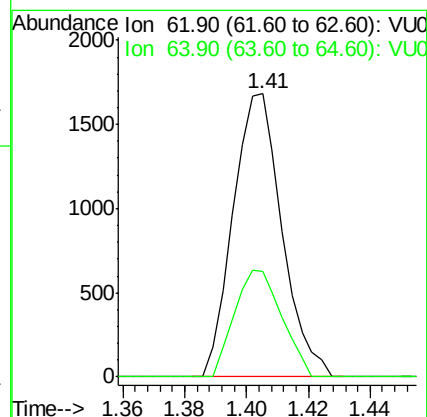
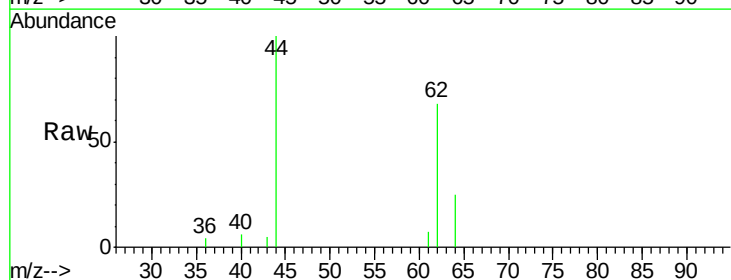
Acq: 01 Oct 2018 10:07

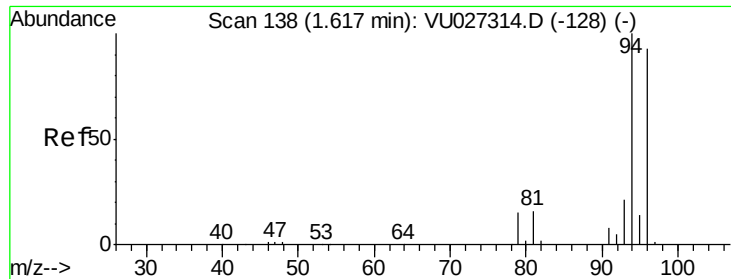
Tgt Ion: 62 Resp: 1851

Ion Ratio Lower Upper

62 100

64 37.4 24.9 37.3#





#5

Bromomethane

Concen: 0.944 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.01 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

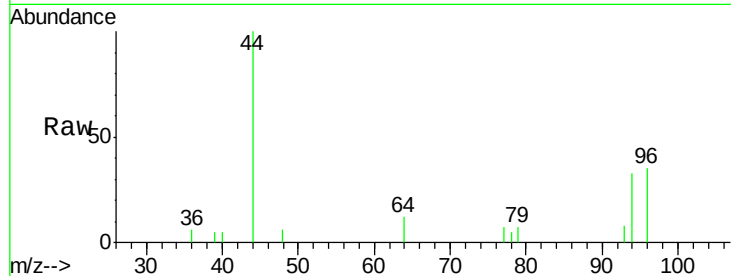
VSTDIC001

Tgt Ion: 94 Resp: 848

Ion Ratio Lower Upper

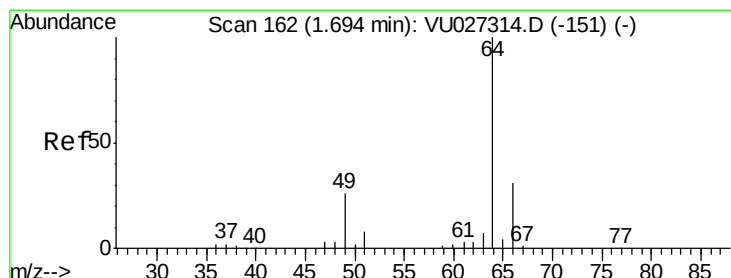
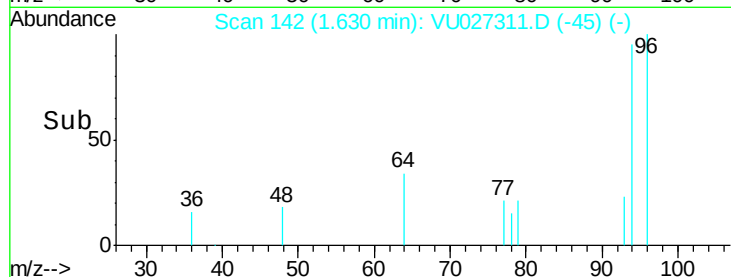
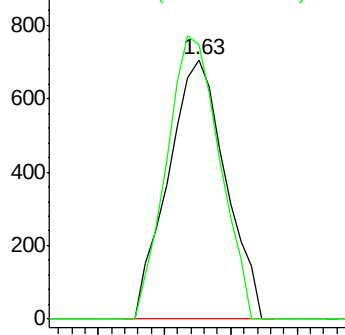
94 100

96 105.7 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 1.158 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027311.D

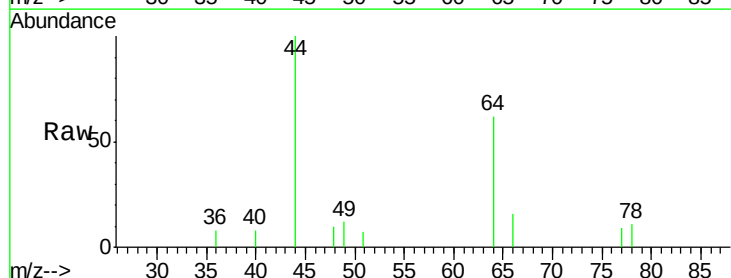
Acq: 01 Oct 2018 10:07

Tgt Ion: 64 Resp: 1445

Ion Ratio Lower Upper

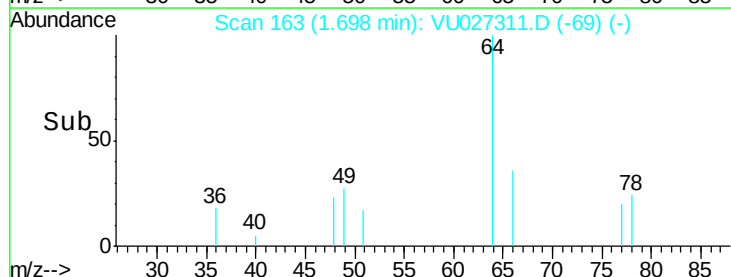
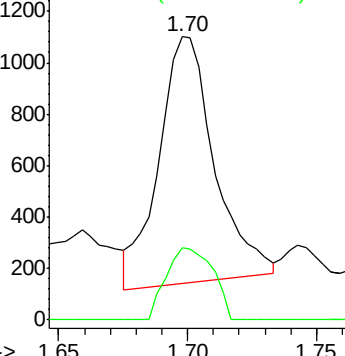
64 100

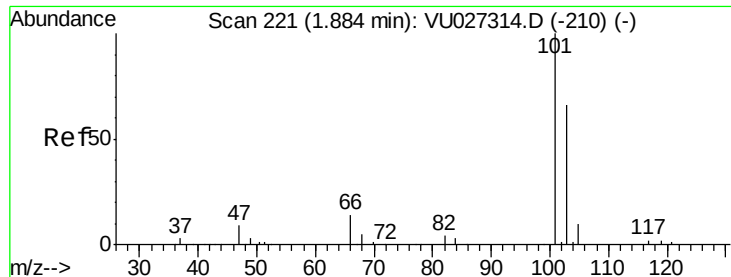
66 31.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



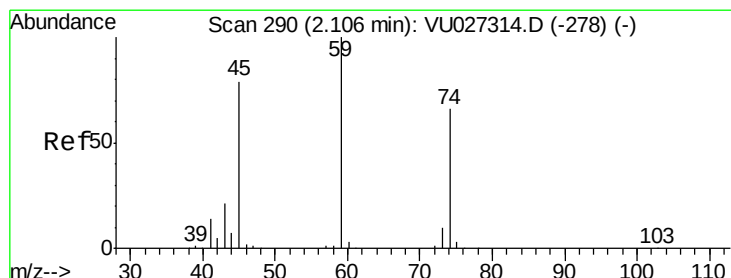
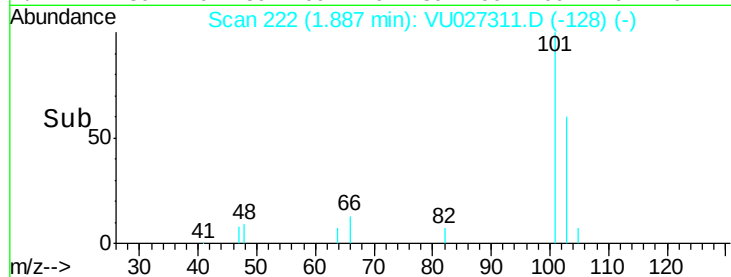
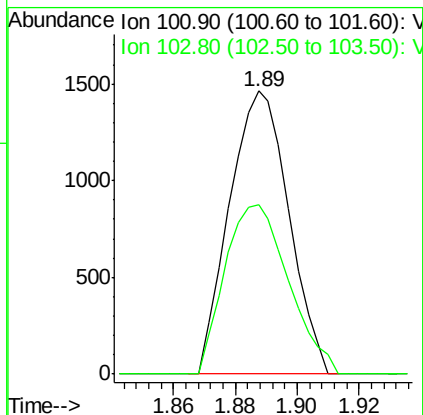
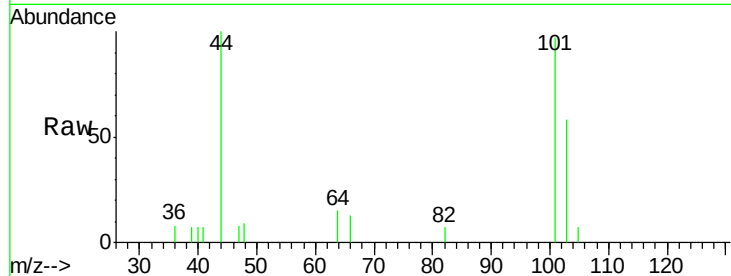


#7

Trichlorofluoromethane
Concen: 0.923 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

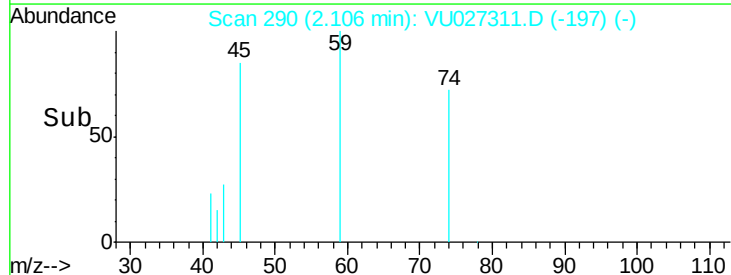
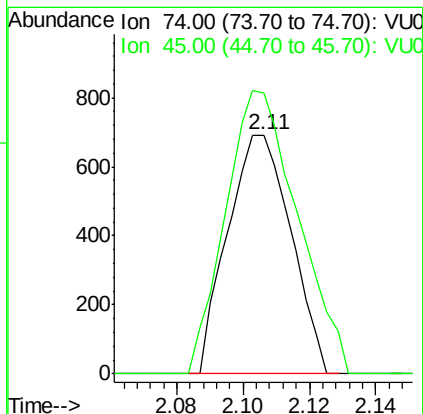
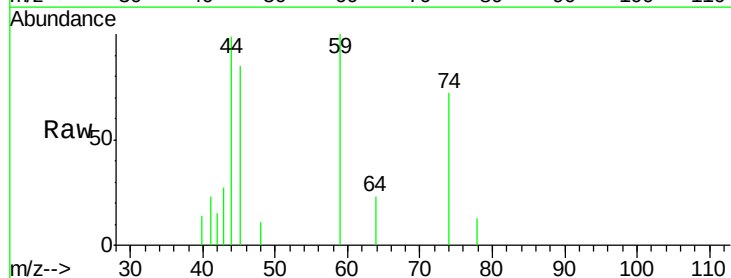
Tgt Ion:101 Resp: 1944
Ion Ratio Lower Upper
101 100
103 60.1 52.6 78.8

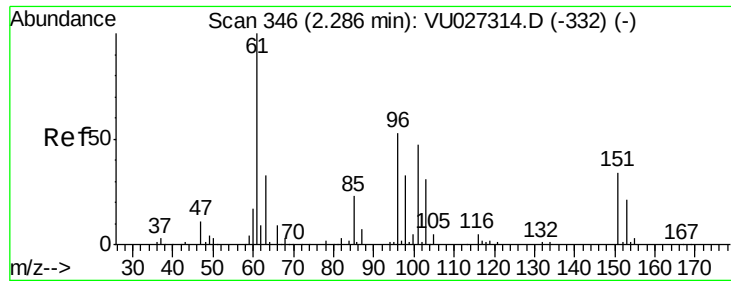


#8

Diethyl Ether
Concen: 0.944 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 74 Resp: 916
Ion Ratio Lower Upper
74 100
45 135.4 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.904 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

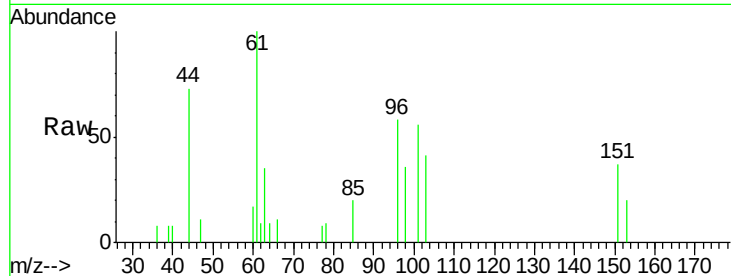
Tgt Ion:101 Resp: 1106

Ion Ratio Lower Upper

101 100

85 40.9 37.5 56.3

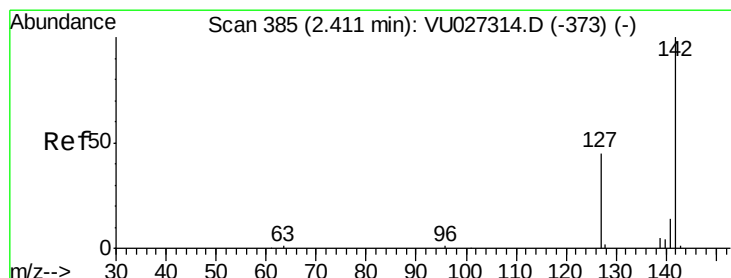
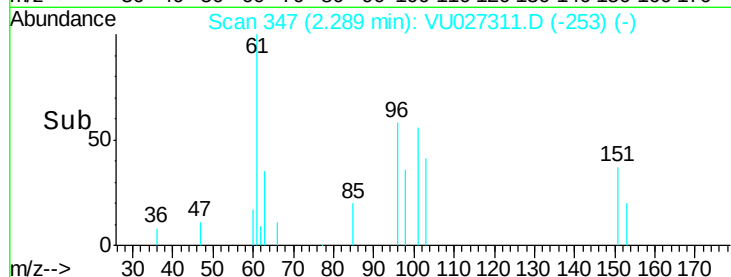
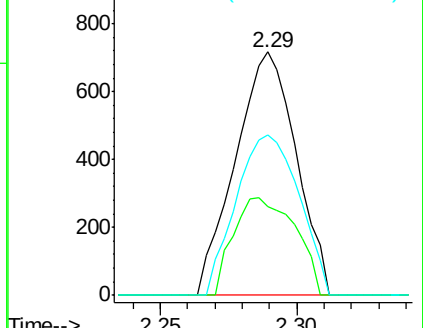
151 68.5 55.6 83.4



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: 0.442 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

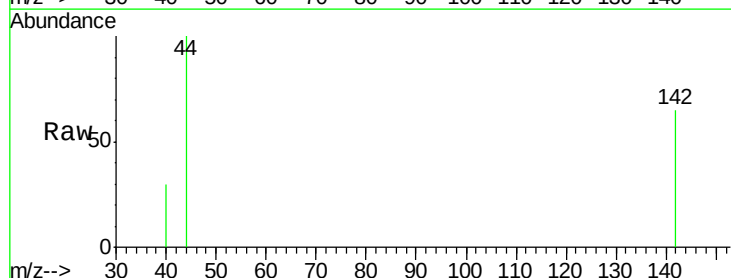
Tgt Ion:142 Resp: 394

Ion Ratio Lower Upper

142 100

127 0.0 36.3 54.5#

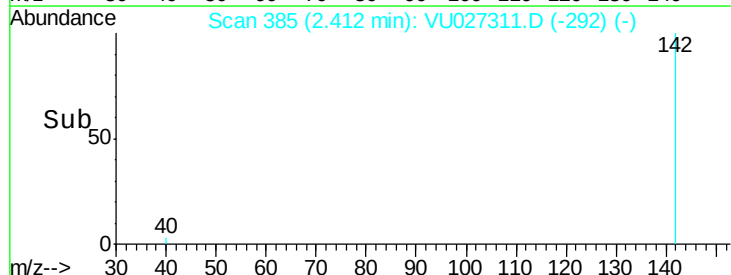
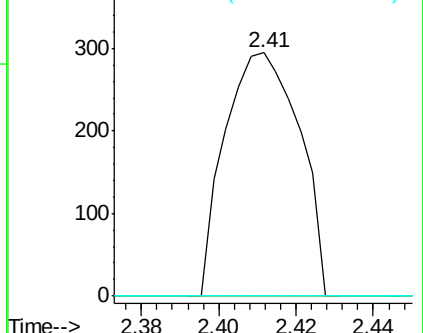
141 0.0 11.6 17.4#

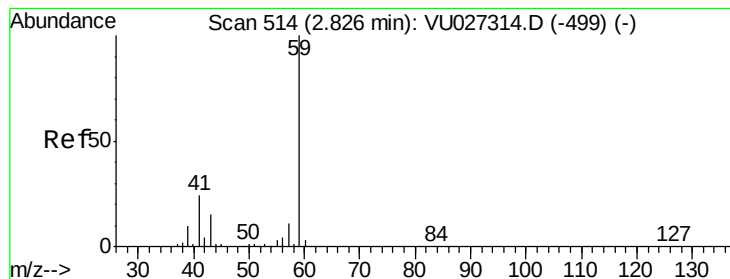


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 5.045 ug/l

RT: 2.83 min Scan# 514

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

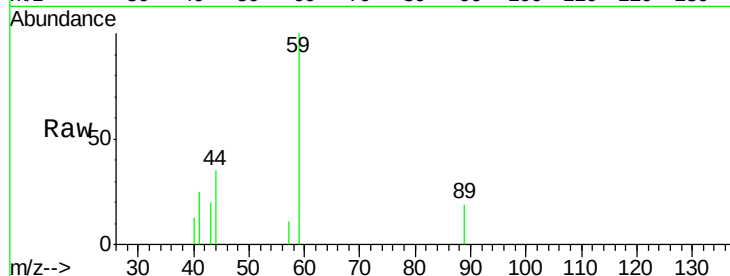
VSTDIC001

Tgt Ion: 59 Resp: 2007

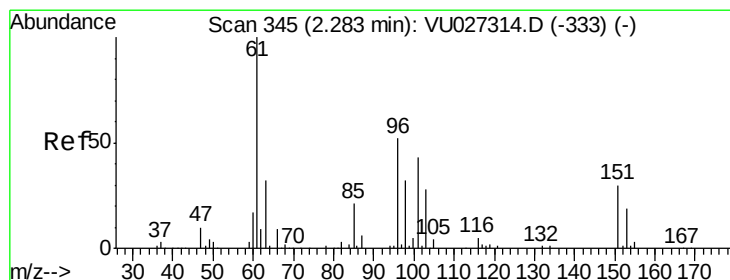
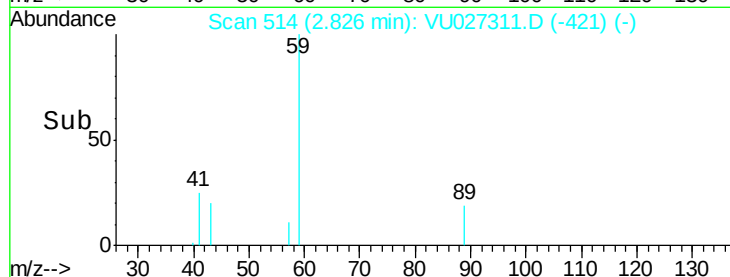
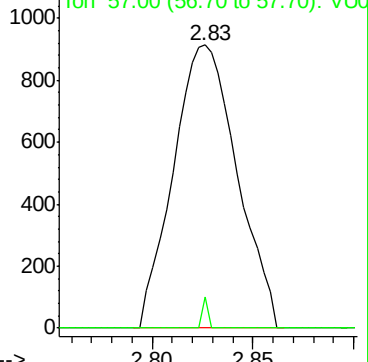
Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU027311.D (-421) (-)



#12

1,1-Dichloroethene

Concen: 0.935 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

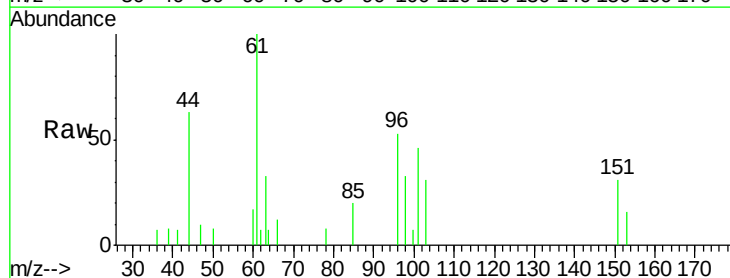
Tgt Ion: 96 Resp: 1117

Ion Ratio Lower Upper

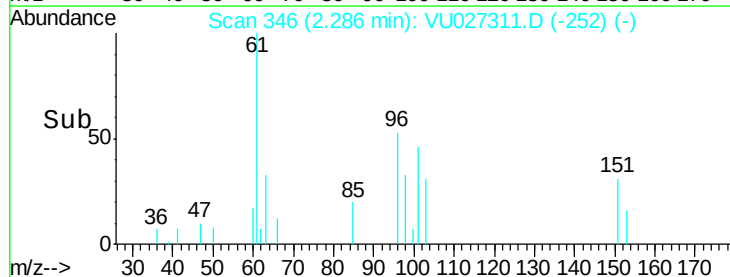
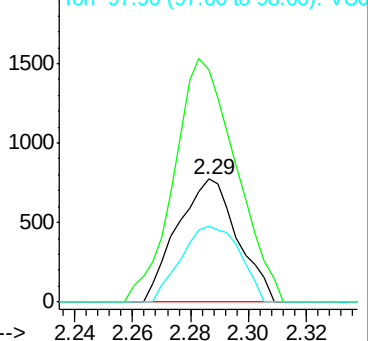
96 100

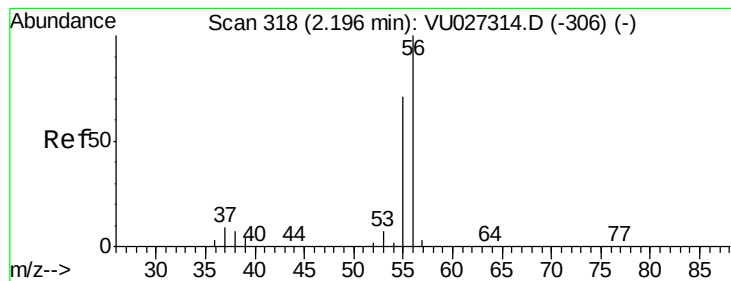
61 189.0 153.0 229.6

98 61.6 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VU027311.D (-252) (-)





#13

Acrolein

Concen: 5.290 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

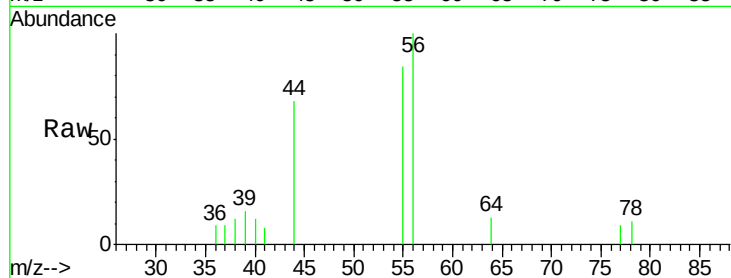
VSTDIC001

Tgt Ion: 56 Resp: 1766

Ion Ratio Lower Upper

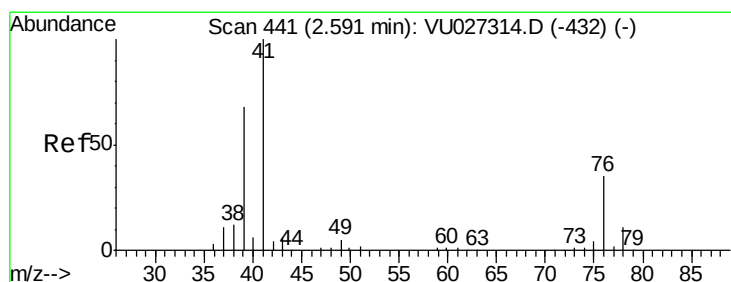
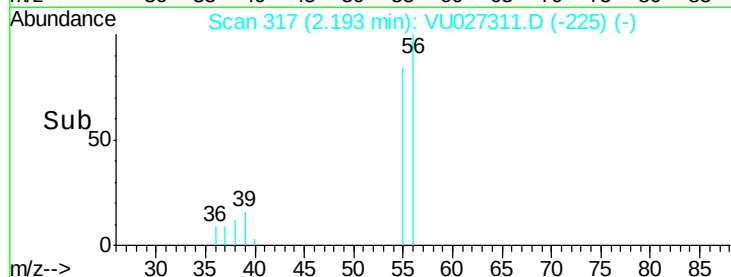
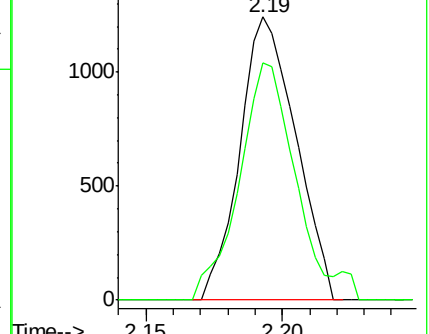
56 100

55 85.1 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 0.902 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

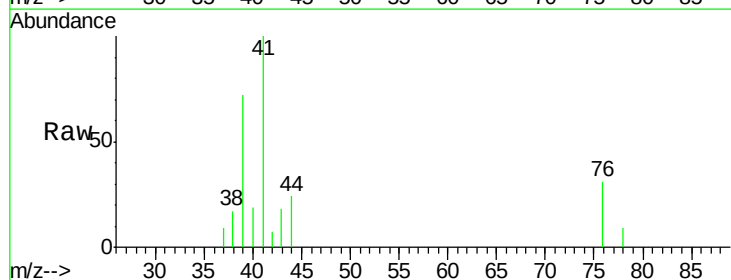
Tgt Ion: 41 Resp: 2561

Ion Ratio Lower Upper

41 100

39 70.8 51.8 77.8

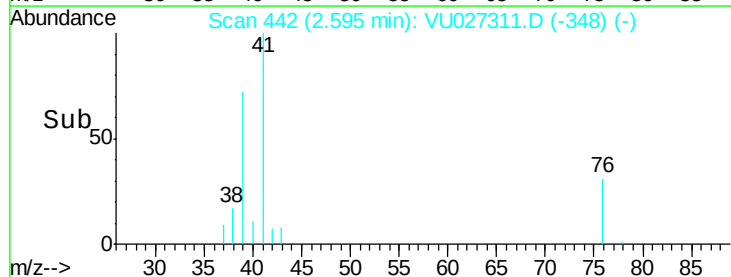
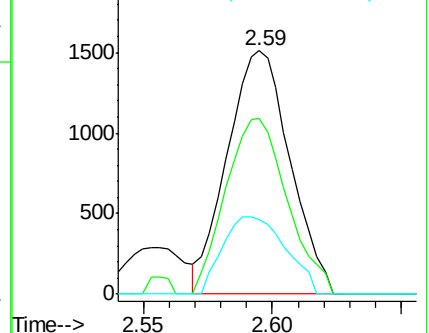
76 31.9 25.9 38.9

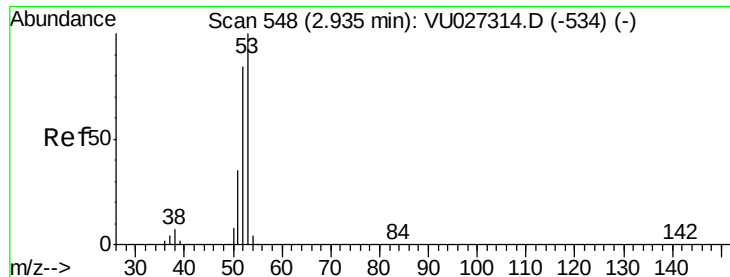


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 4.777 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

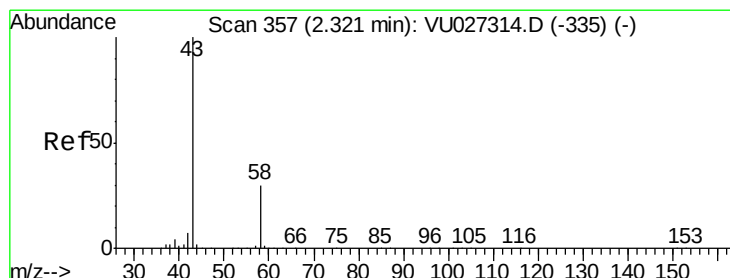
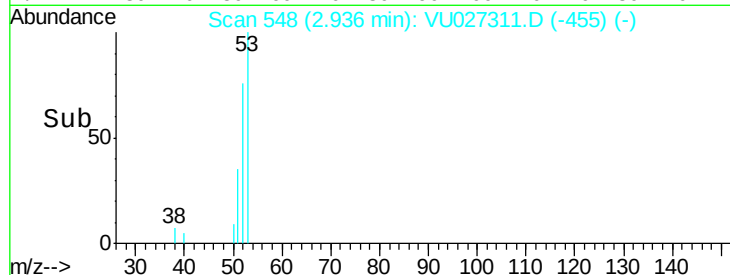
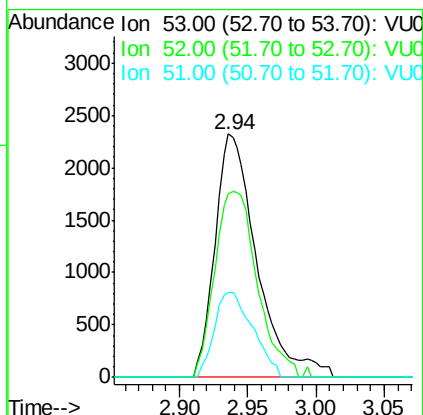
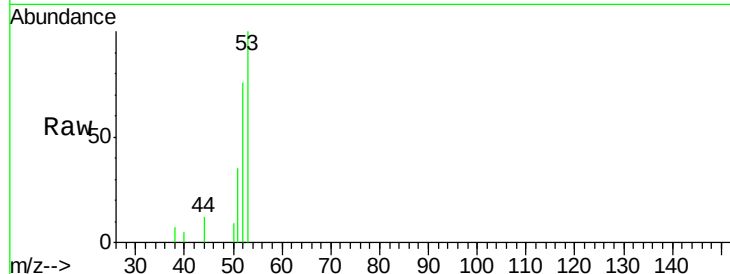
Tgt Ion: 53 Resp: 4947

Ion Ratio Lower Upper

53 100

52 77.3 66.5 99.7

51 32.0 27.6 41.4



#16

Acetone

Concen: 6.122 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU027311.D

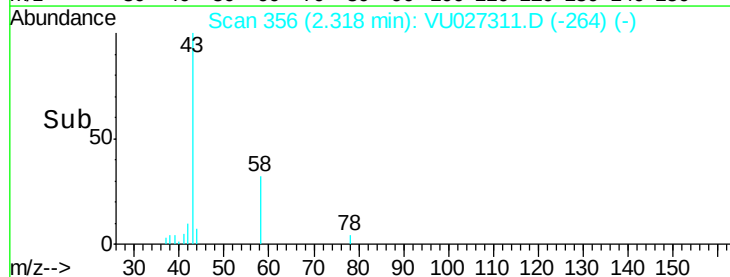
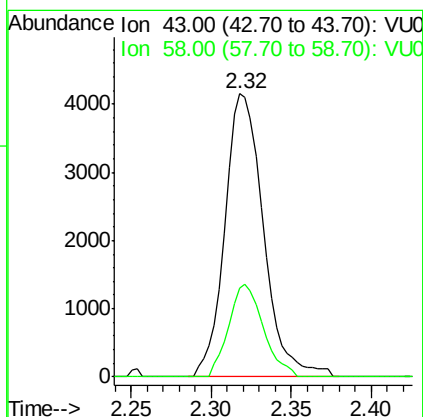
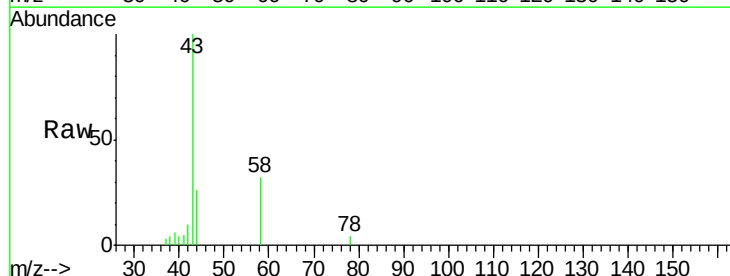
Acq: 01 Oct 2018 10:07

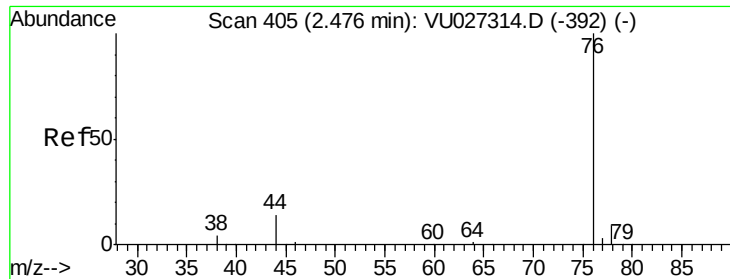
Tgt Ion: 43 Resp: 6833

Ion Ratio Lower Upper

43 100

58 31.6 24.2 36.4





#17

Carbon Disulfide

Concen: 1.015 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

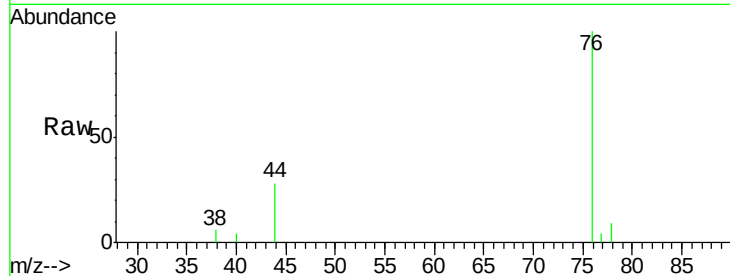
VSTDIC001

Tgt Ion: 76 Resp: 4377

Ion Ratio Lower Upper

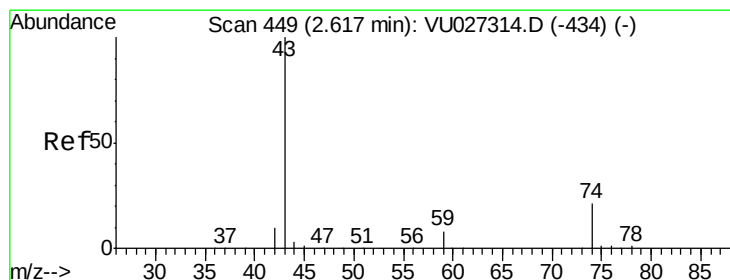
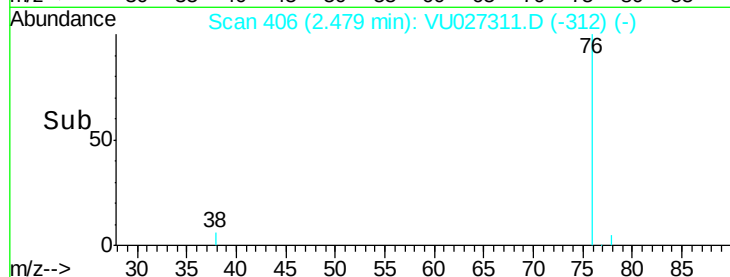
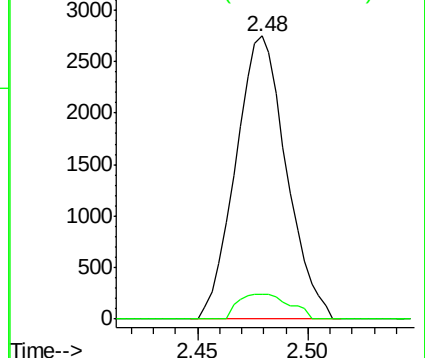
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 1.147 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU027311.D

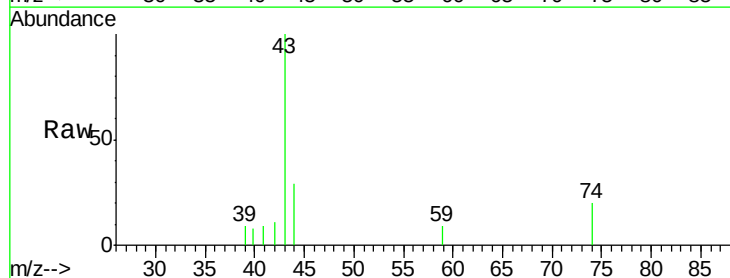
Acq: 01 Oct 2018 10:07

Tgt Ion: 43 Resp: 2920

Ion Ratio Lower Upper

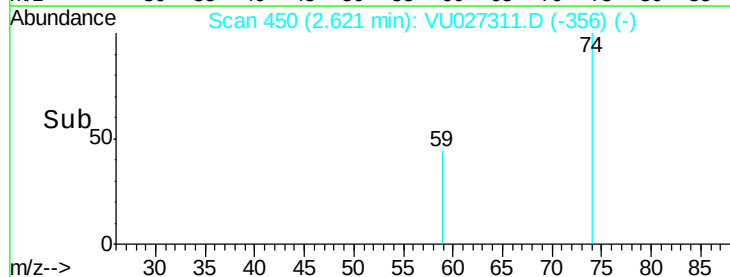
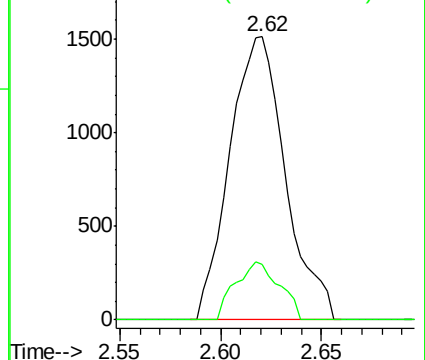
43 100

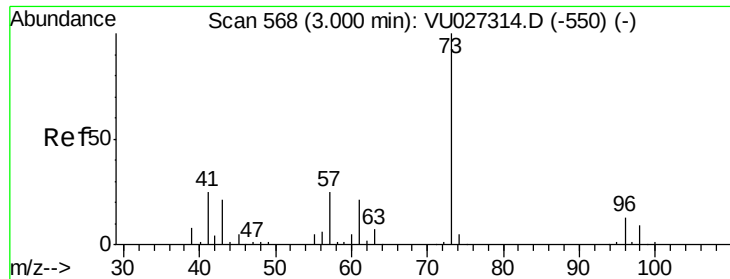
74 16.4 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

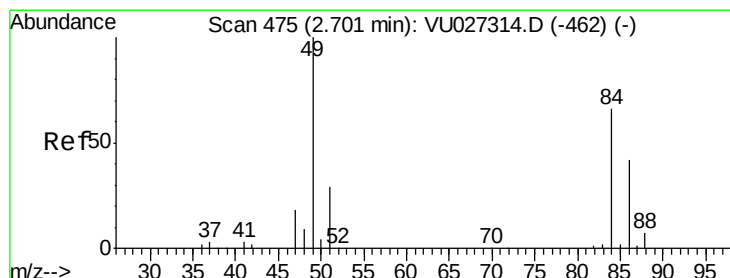
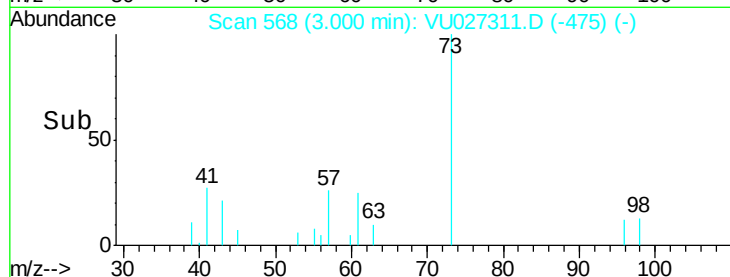
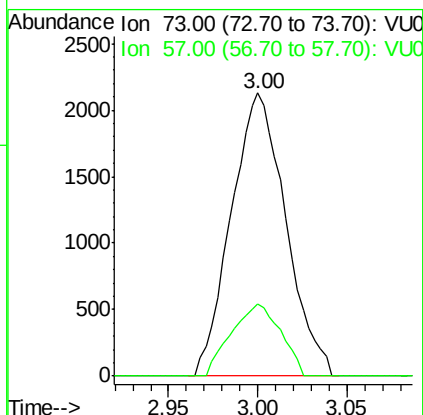
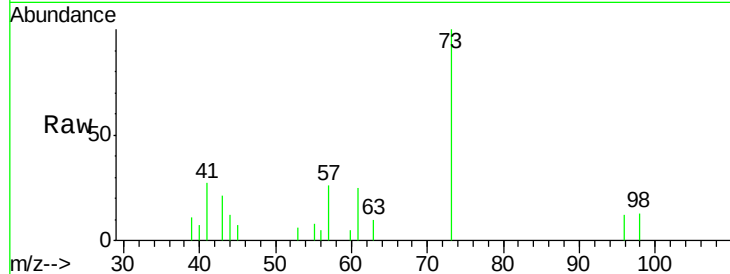




#19
Methyl tert-butyl Ether
Concen: 0.948 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

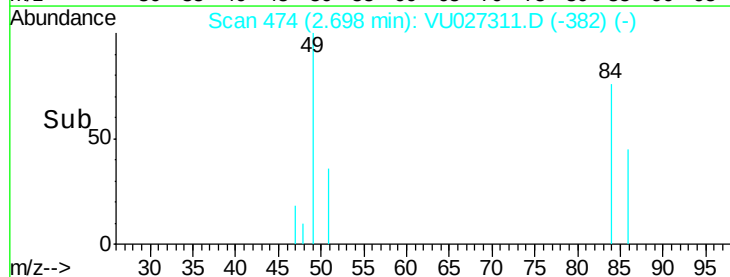
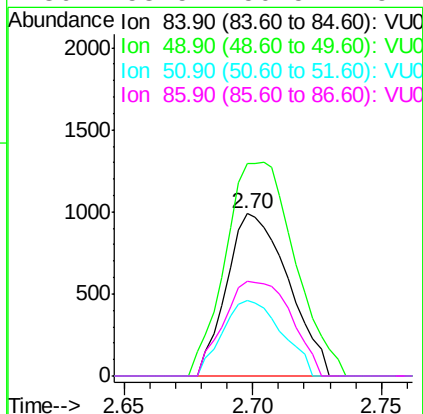
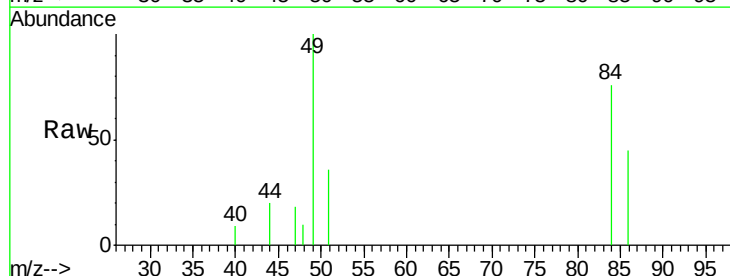
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

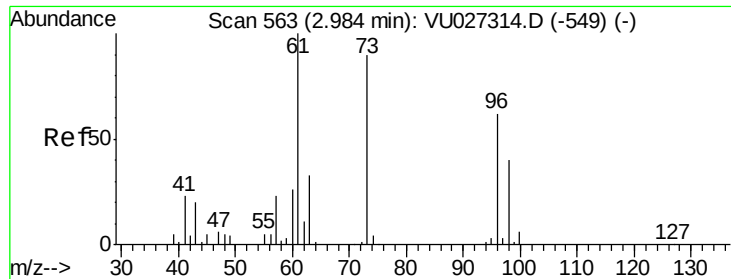
Tgt Ion: 73 Resp: 4538
Ion Ratio Lower Upper
73 100
57 25.5 20.0 30.0



#20
Methylene Chloride
Concen: 1.063 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 84 Resp: 1652
Ion Ratio Lower Upper
84 100
49 131.1 120.5 180.7
51 46.9 35.1 52.7
86 58.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 0.937 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

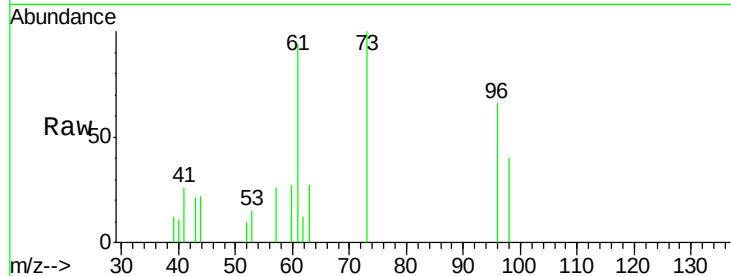
Tgt Ion: 96 Resp: 1257

Ion Ratio Lower Upper

96 100

61 142.3 129.4 194.2

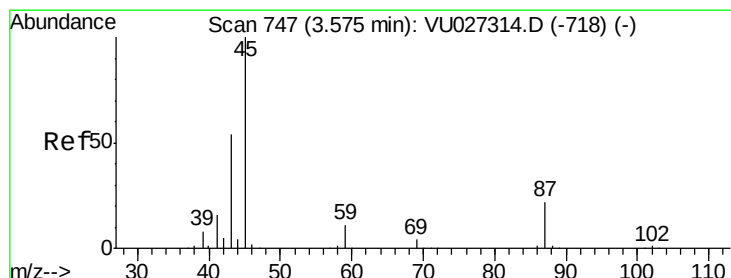
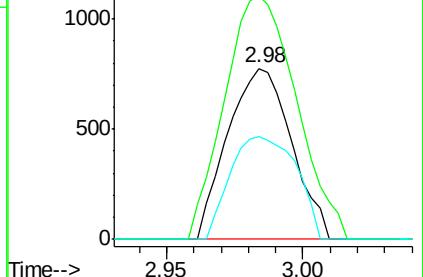
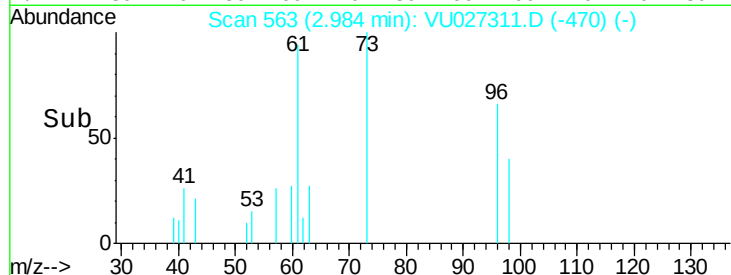
98 60.1 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VU027311.D (-470) (-)

Ion 60.90 (60.60 to 61.60): VU027311.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027311.D (-470) (-)



#22

Diisopropyl ether

Concen: 0.894 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Tgt Ion: 45 Resp: 5157

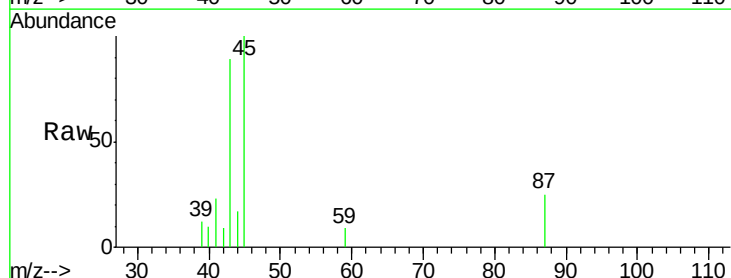
Ion Ratio Lower Upper

45 100

43 76.1 43.4 65.2#

87 25.2 17.5 26.3

59 9.3 8.6 13.0

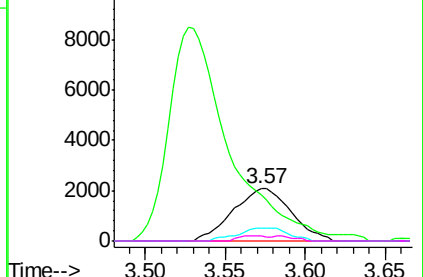
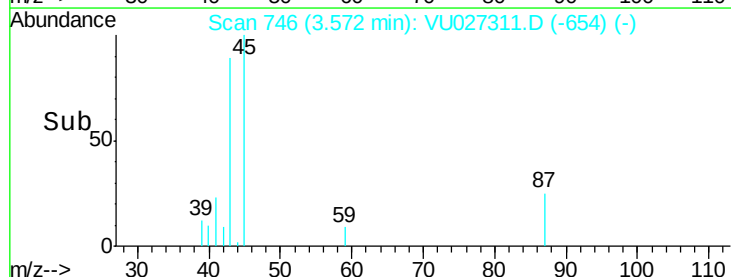


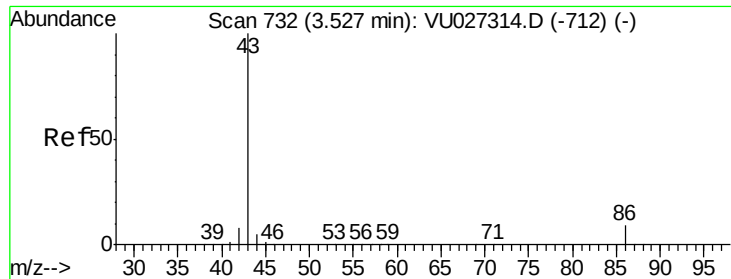
Abundance Ion 45.00 (44.70 to 45.70): VU027311.D (-654) (-)

Ion 43.00 (42.70 to 43.70): VU027311.D (-654) (-)

Ion 87.00 (86.70 to 87.70): VU027311.D (-654) (-)

Ion 59.00 (58.70 to 59.70): VU027311.D (-654) (-)

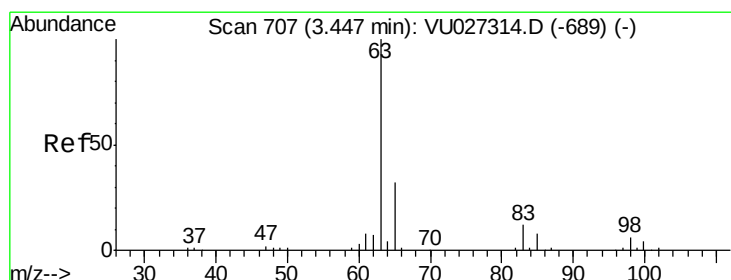
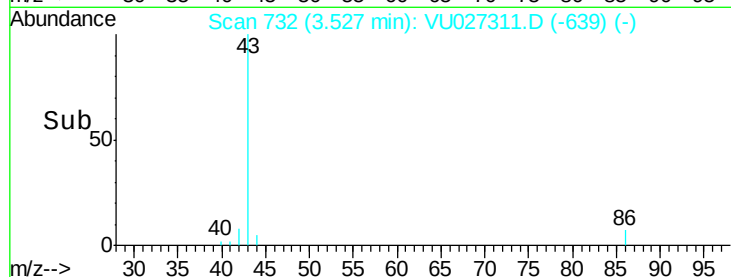
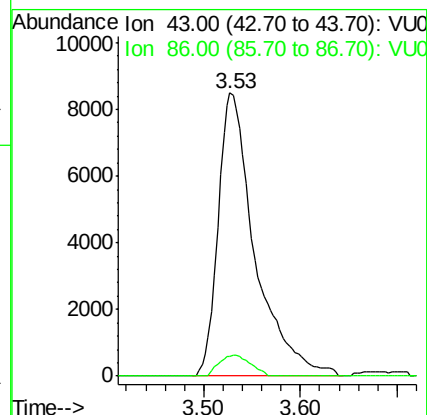
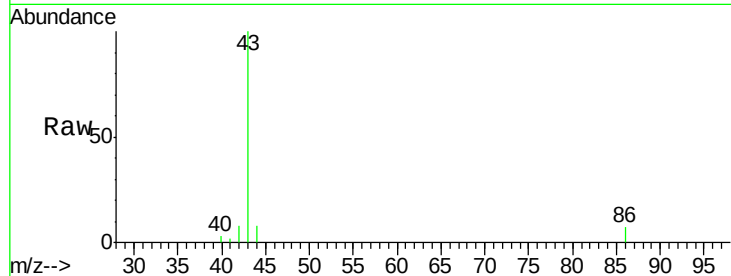




#23
 Vinyl Acetate
 Concen: 4.459 ug/l
 RT: 3.53 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

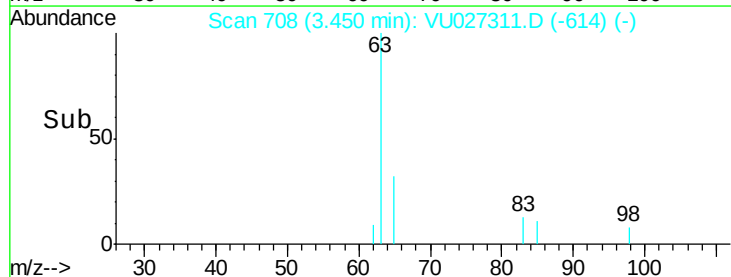
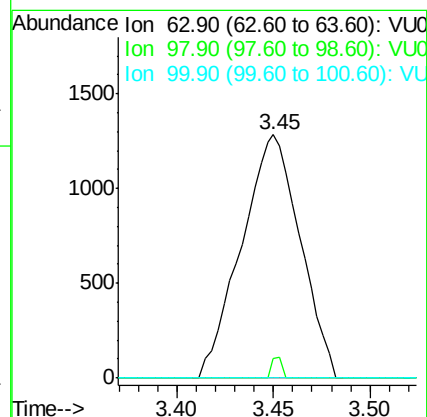
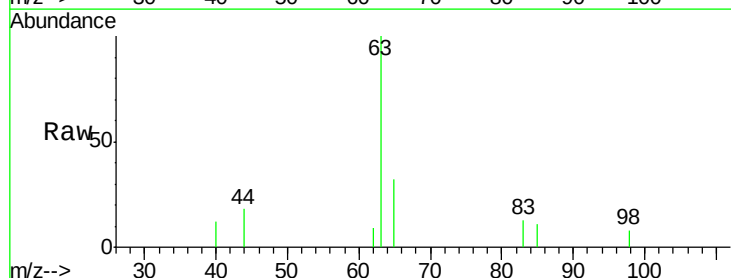
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

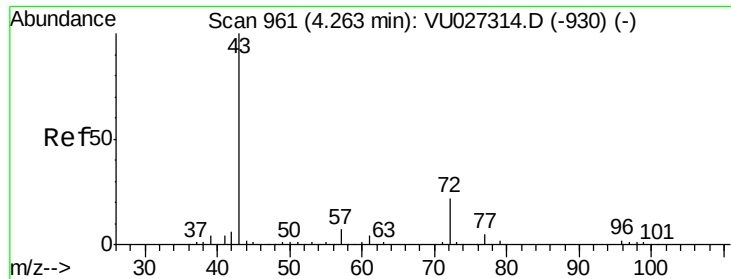
Tgt Ion: 43 Resp: 22464
 Ion Ratio Lower Upper
 43 100
 86 7.2 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 0.911 ug/l
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Tgt Ion: 63 Resp: 2701
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.0 9.2
 100 0.0 1.8 5.5#





#25

2-Butanone

Concen: 4.537 ug/l

RT: 4.27 min Scan# 964

Delta R.T. 0.01 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

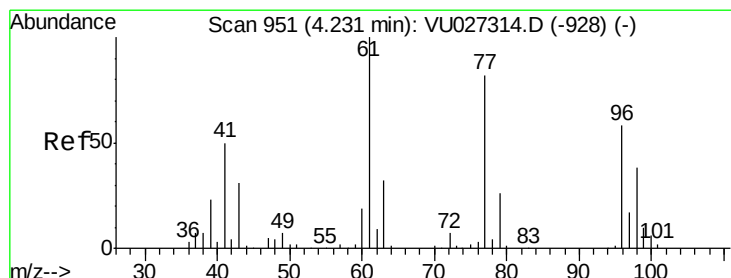
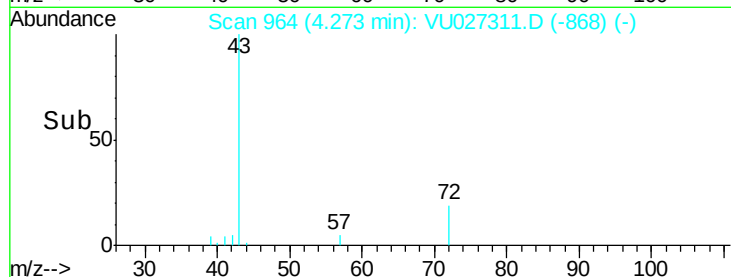
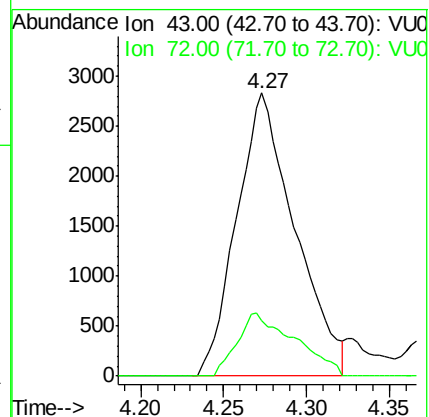
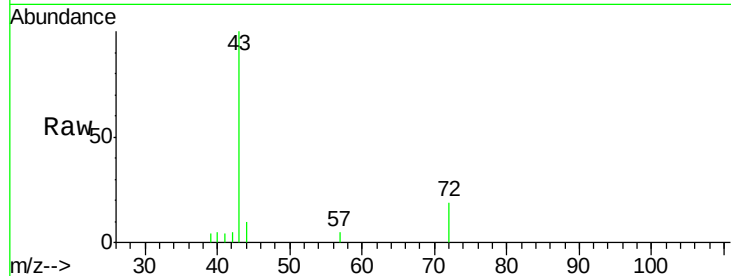
VSTDIC001

Tgt Ion: 43 Resp: 6905

Ion Ratio Lower Upper

43 100

72 19.5 17.8 26.6



#26

2,2-Dichloropropane

Concen: 1.029 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027311.D

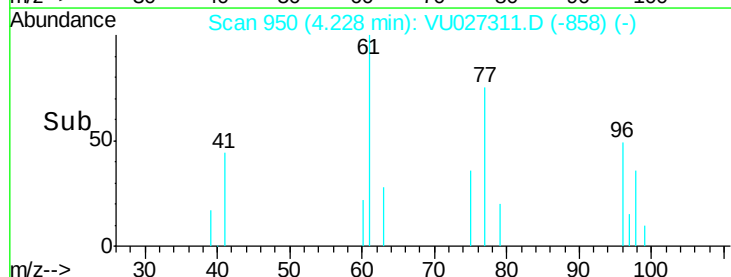
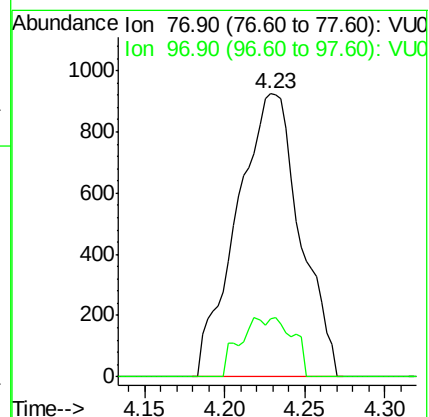
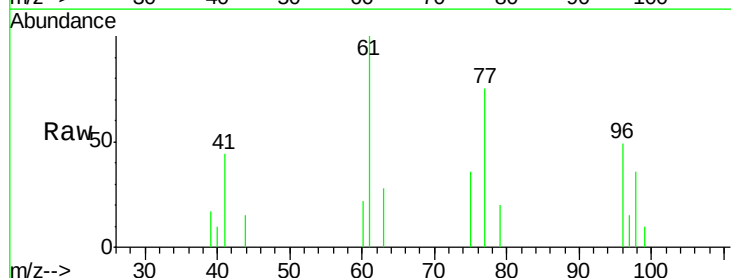
Acq: 01 Oct 2018 10:07

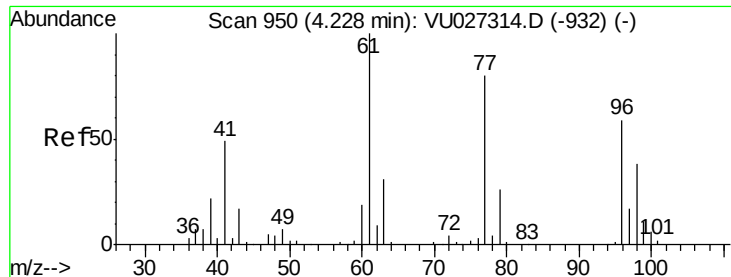
Tgt Ion: 77 Resp: 2508

Ion Ratio Lower Upper

77 100

97 8.8 10.4 31.1#



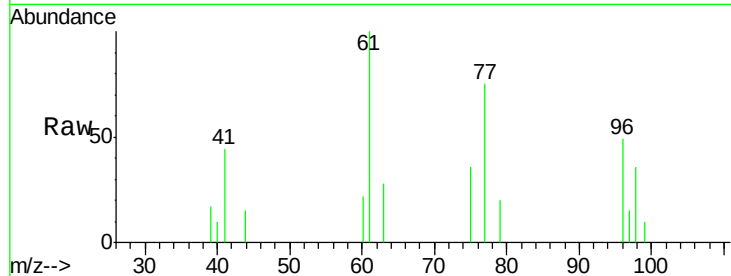


#27

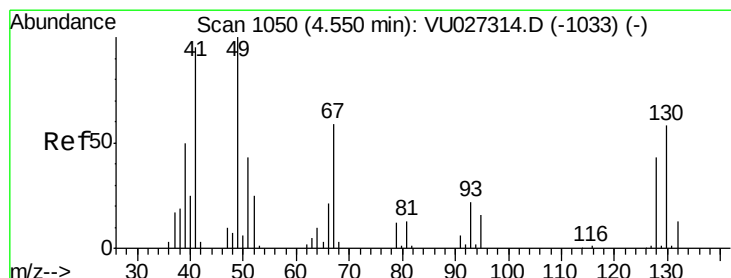
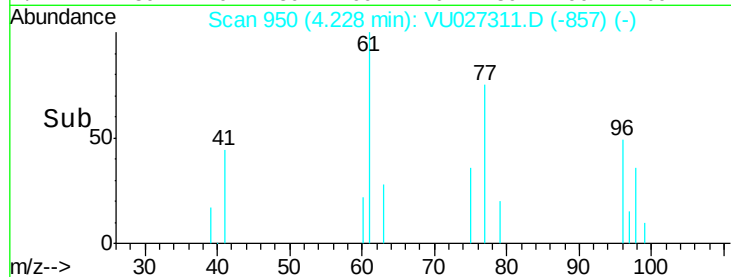
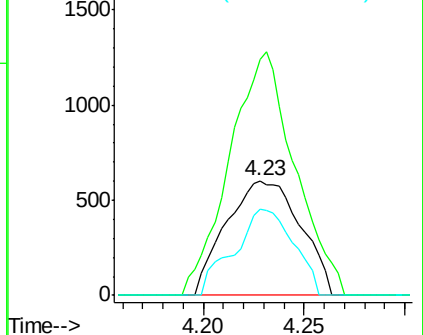
cis-1,2-Dichloroethene
Concen: 1.005 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 1542
Ion Ratio Lower Upper
96 100
61 186.8 0.0 343.8
98 60.1 0.0 129.0



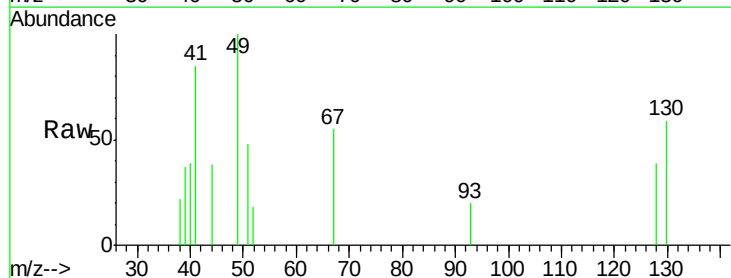
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



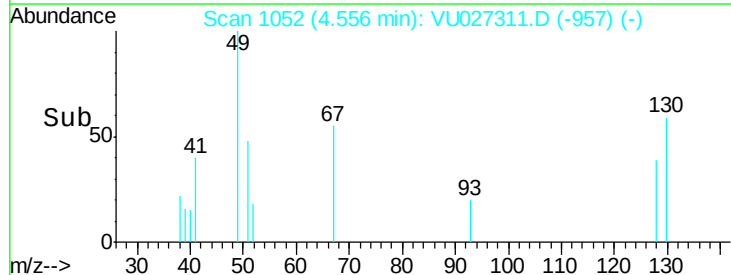
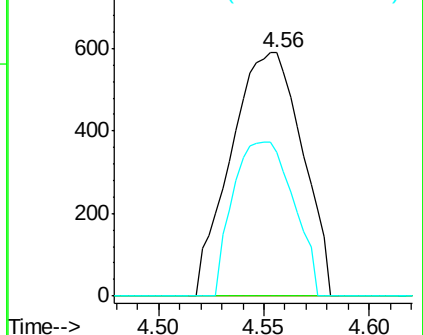
#28

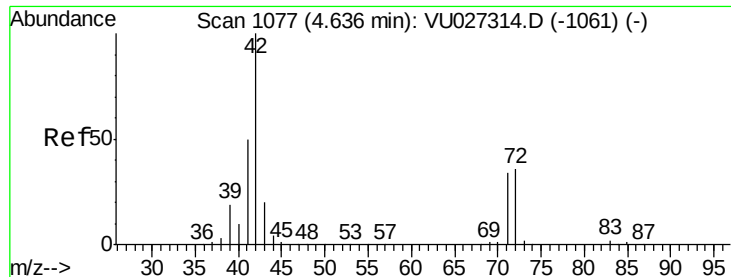
Bromochloromethane
Concen: 0.969 ug/l
RT: 4.56 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 49 Resp: 1387
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.0
130 53.4 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

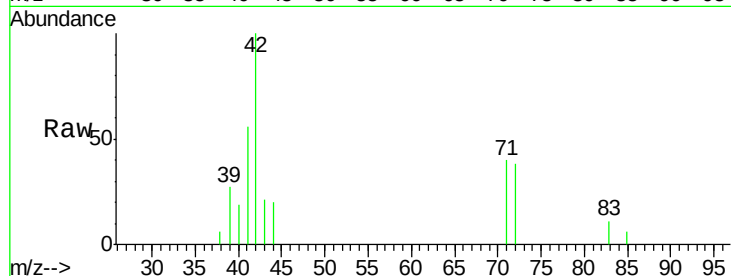




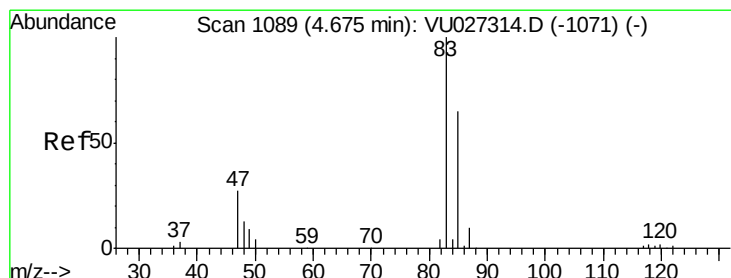
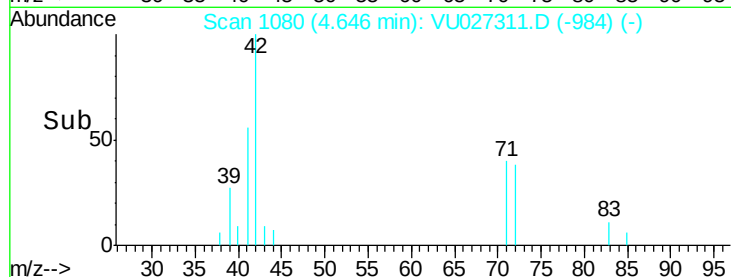
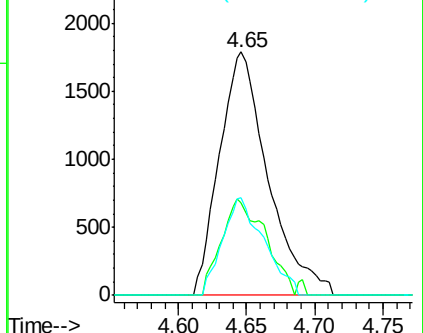
#29
Tetrahydrofuran
Concen: 4.620 ug/l
RT: 4.65 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 42 Resp: 4431
Ion Ratio Lower Upper
42 100
72 35.9 30.1 45.1
71 34.2 27.7 41.5

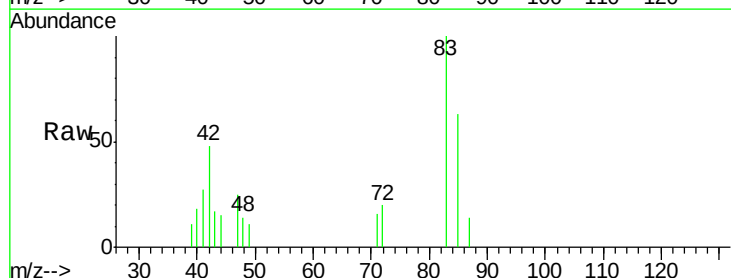


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

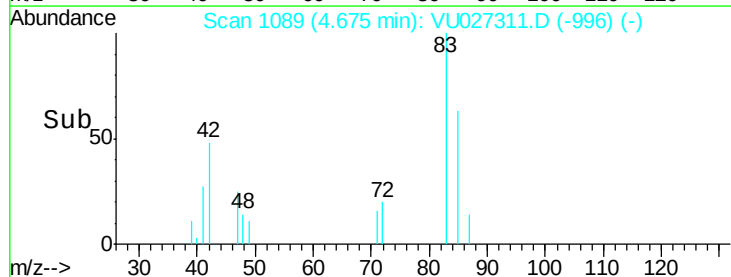
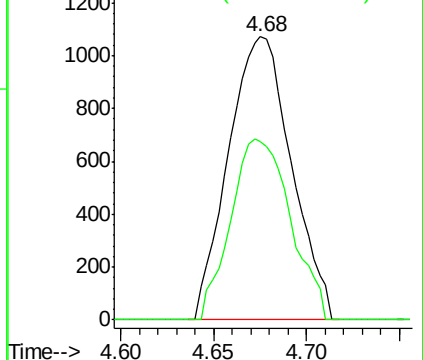


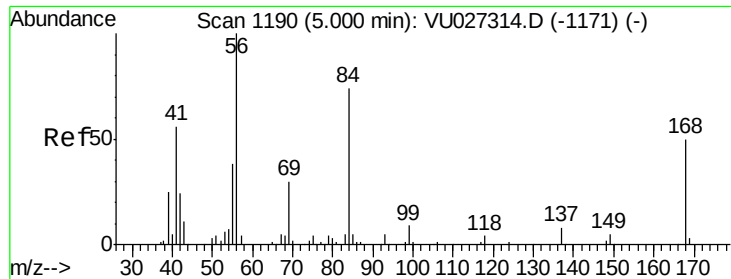
#30
Chloroform
Concen: 0.959 ug/l
RT: 4.68 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 83 Resp: 2526
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

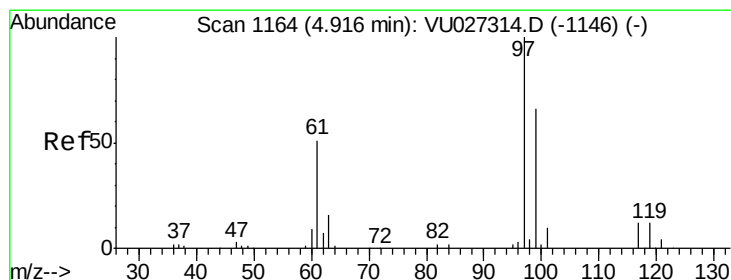
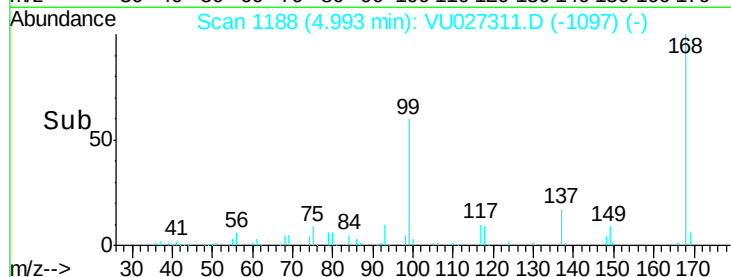
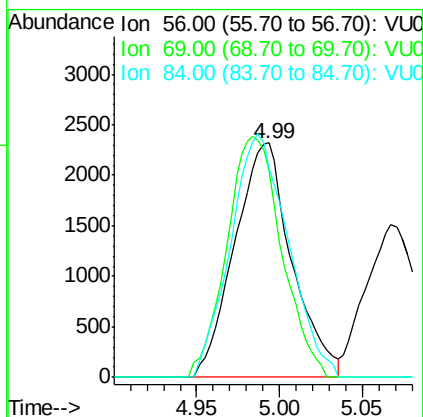
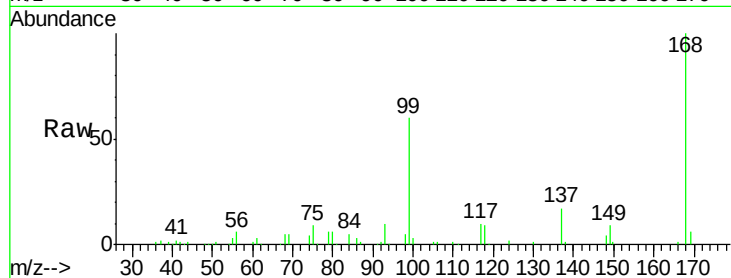




#31
Cyclohexane
Concen: 1.604 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

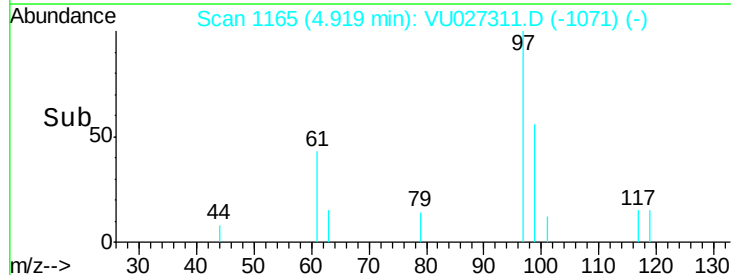
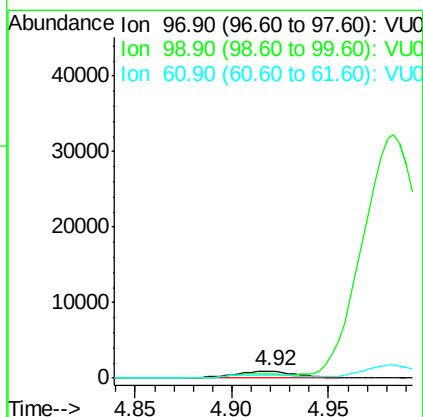
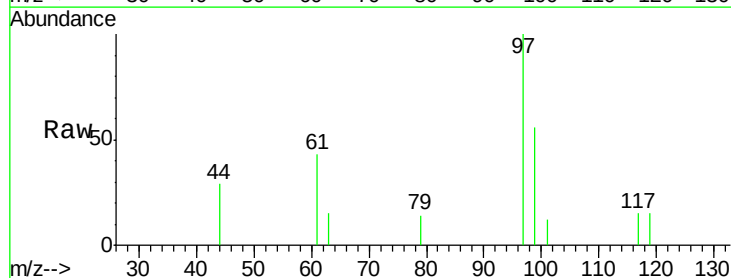
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

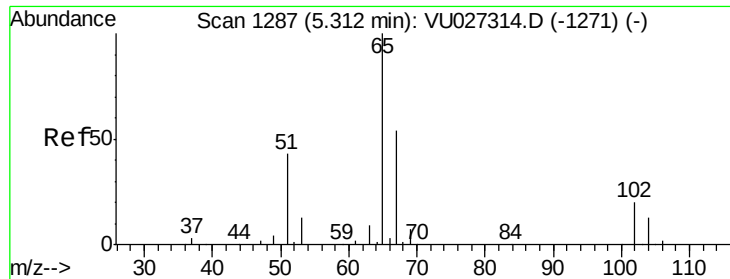
Tgt Ion: 56 Resp: 5562
Ion Ratio Lower Upper
56 100
69 88.3 24.1 36.1#
84 89.4 59.1 88.7#



#32
1,1,1-Trichloroethane
Concen: 0.918 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 97 Resp: 2036
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 50.6 39.6 59.4

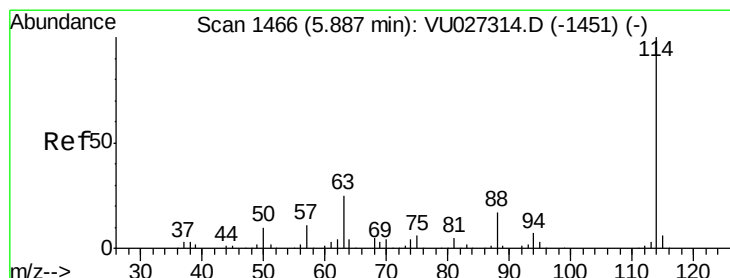
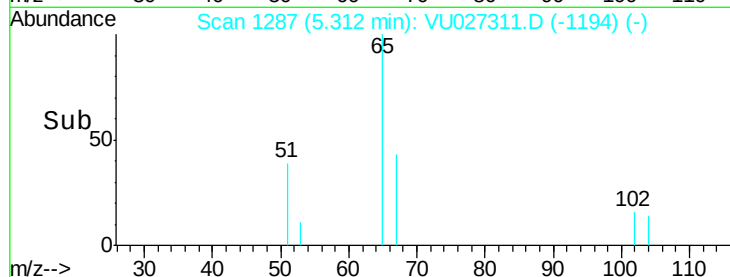
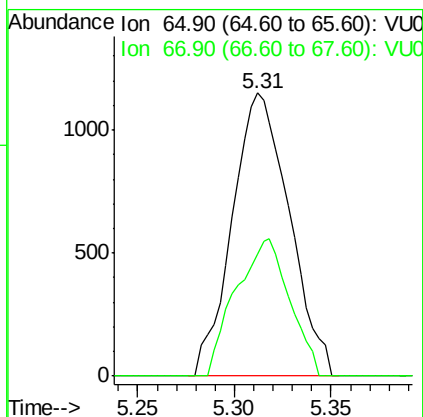
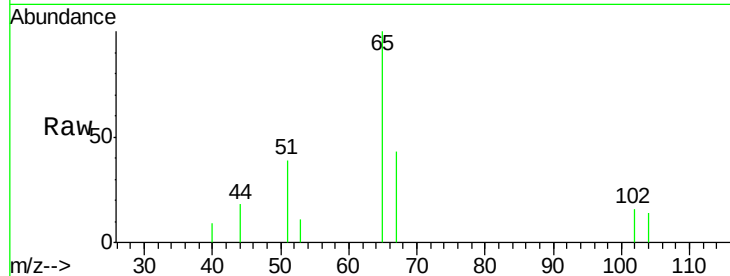




#33
 1,2-Dichloroethane-d4
 Concen: 1.314 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

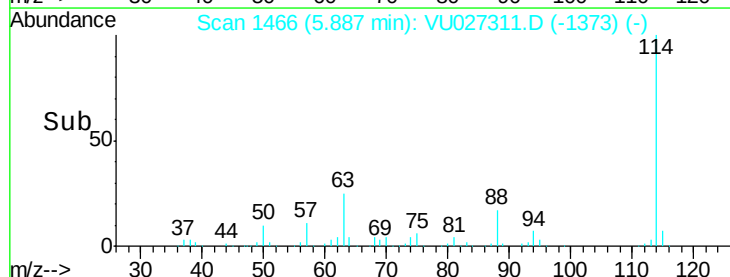
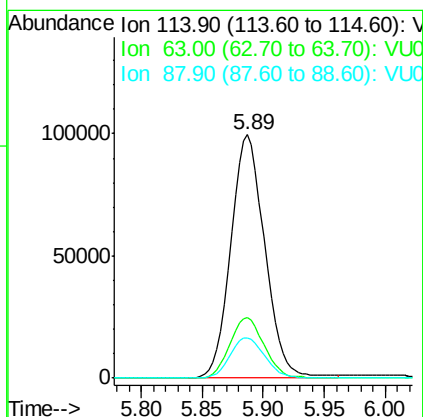
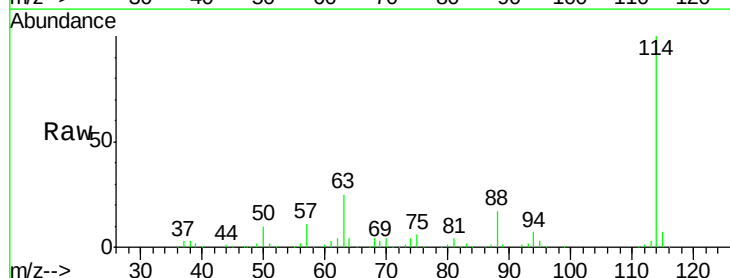
Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC001

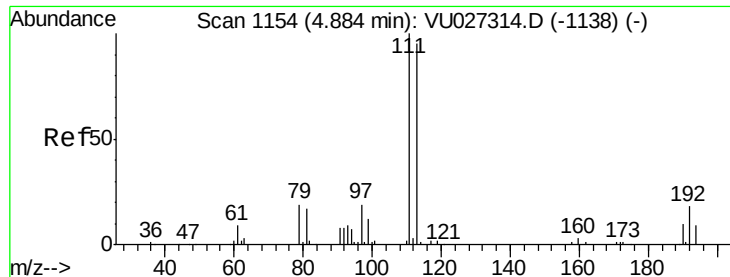
Tgt Ion: 65 Resp: 2359
 Ion Ratio Lower Upper
 65 100
 67 46.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Tgt Ion: 114 Resp: 193354
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.2
 88 16.7 0.0 33.8

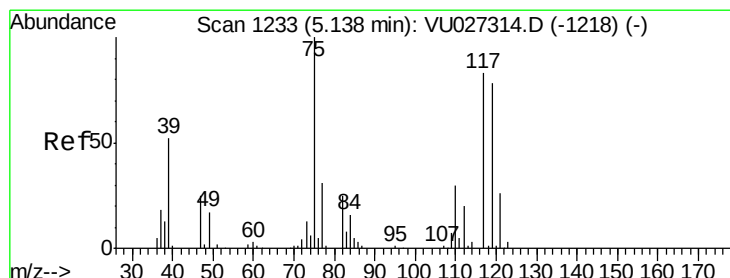
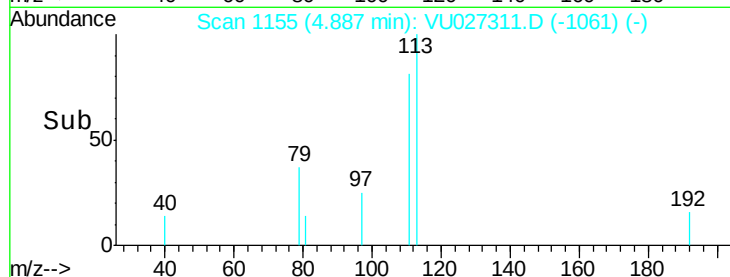
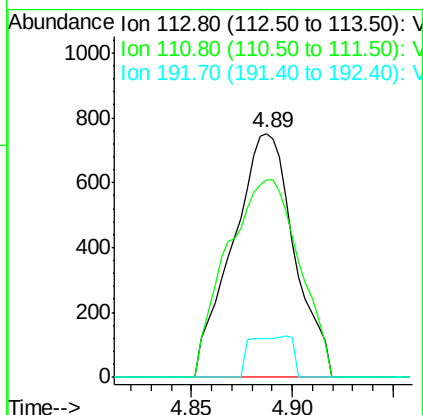
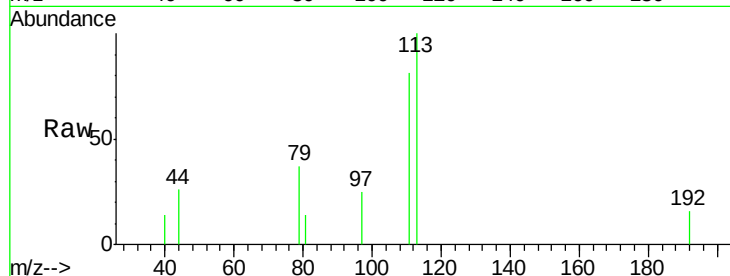




#35
 Dibromofluoromethane
 Concen: 1.257 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

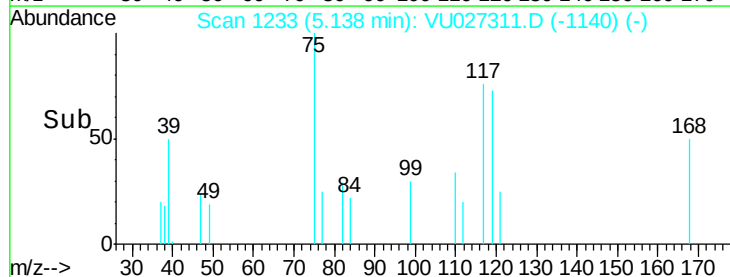
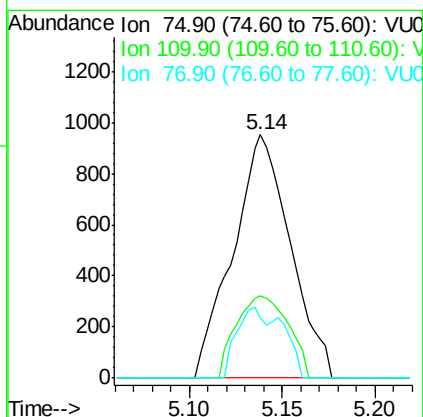
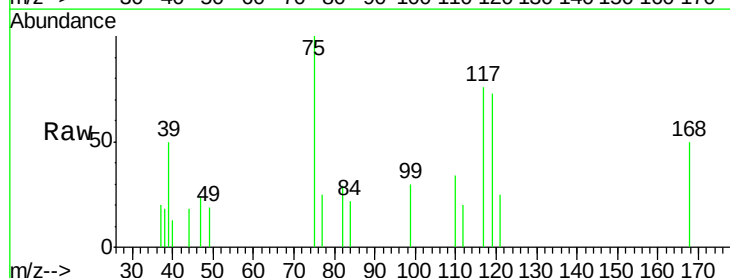
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

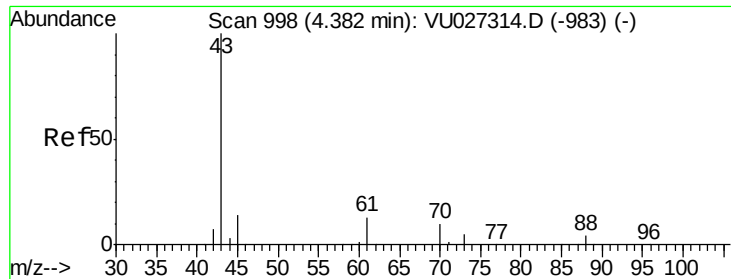
Tgt Ion: 113 Resp: 1597
 Ion Ratio Lower Upper
 113 100
 111 95.1 83.1 124.7
 192 11.6 15.4 23.0#



#36
 1,1-Dichloropropene
 Concen: 0.973 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Tgt Ion: 75 Resp: 2042
 Ion Ratio Lower Upper
 75 100
 110 30.6 15.5 46.5
 77 14.4 25.4 38.0#

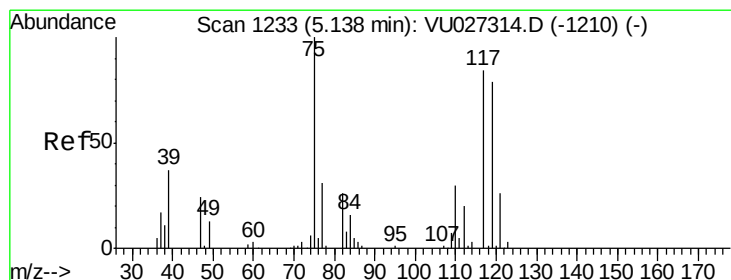
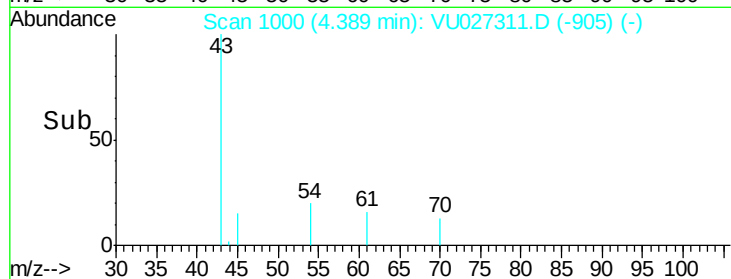
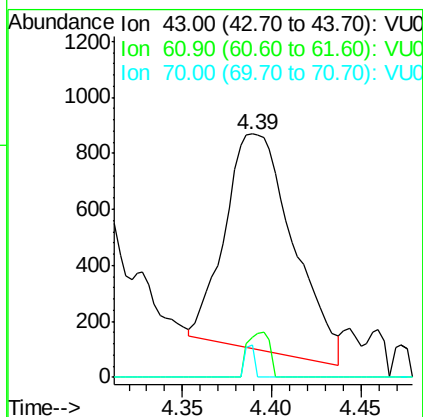
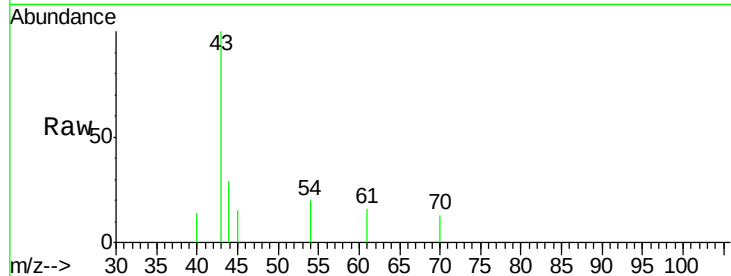




#37
Ethyl Acetate
Concen: 0.785 ug/l
RT: 4.39 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

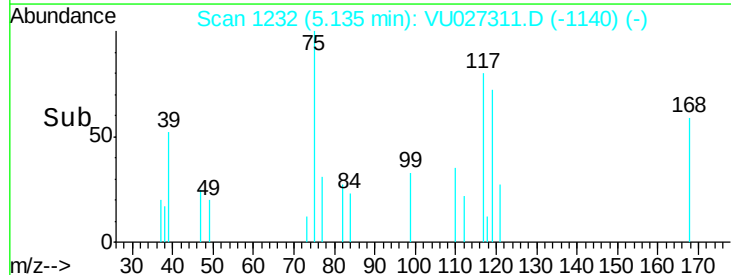
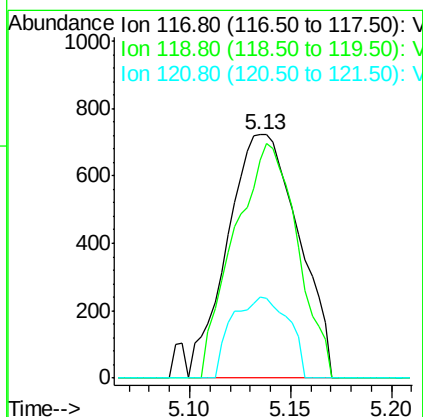
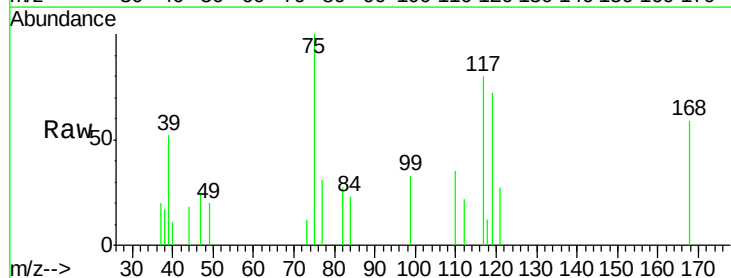
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

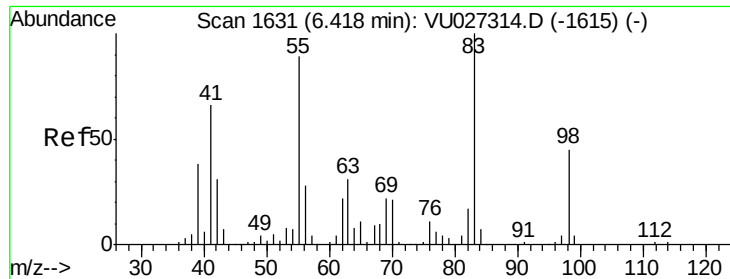
Tgt Ion: 43 Resp: 2032
Ion Ratio Lower Upper
43 100
61 6.8 10.7 16.1#
70 2.1 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 0.934 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 117 Resp: 1772
Ion Ratio Lower Upper
117 100
119 89.5 74.5 111.7
121 33.1 24.6 37.0

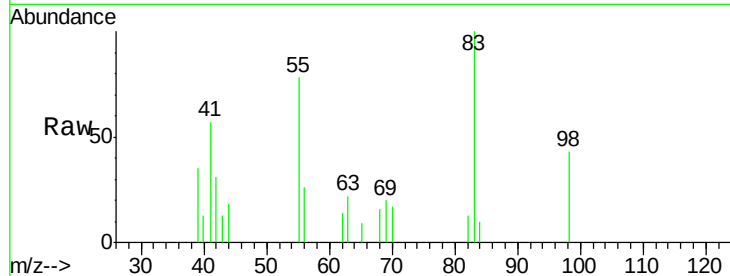




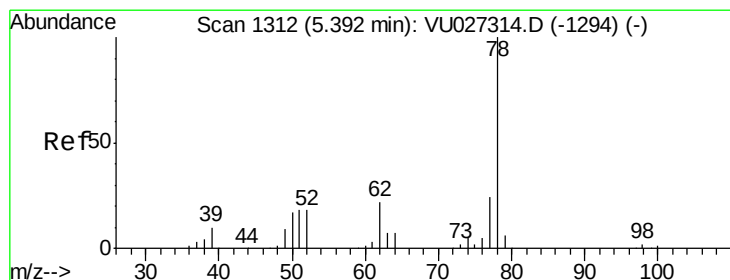
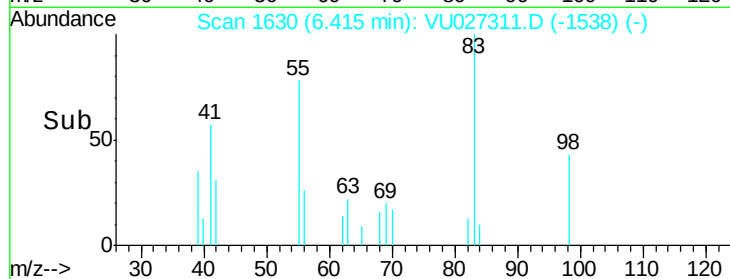
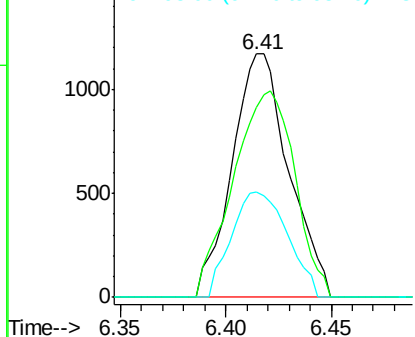
#39
Methylcyclohexane
Concen: 0.894 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 2195
Ion Ratio Lower Upper
83 100
55 77.9 71.1 106.7
98 43.4 36.3 54.5

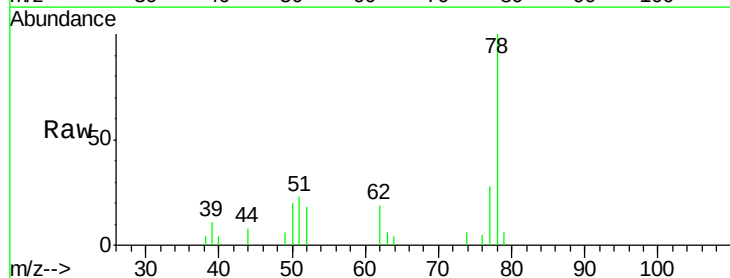


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

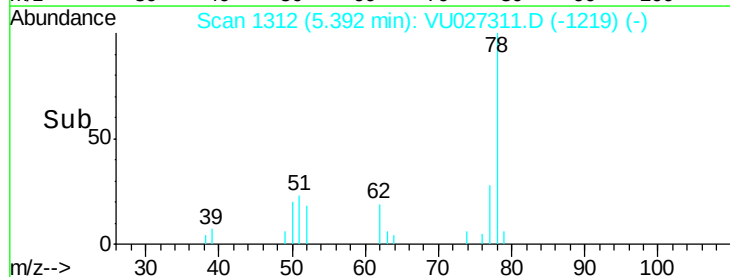
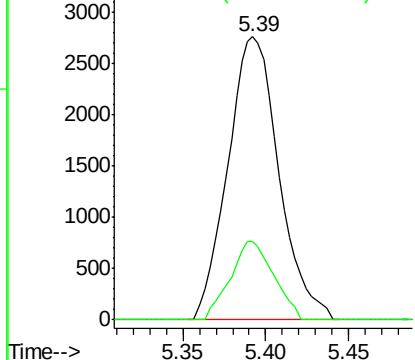


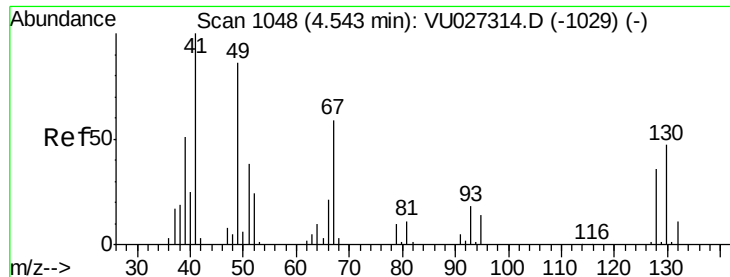
#40
Benzene
Concen: 0.965 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 78 Resp: 5902
Ion Ratio Lower Upper
78 100
77 27.6 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

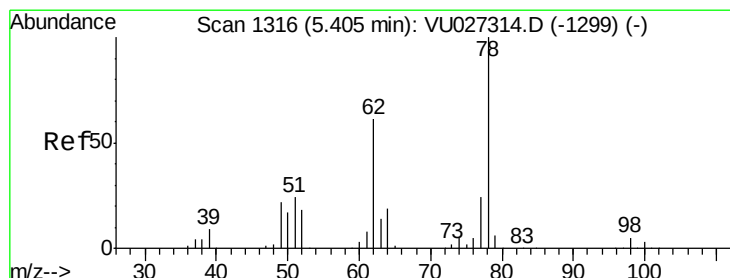
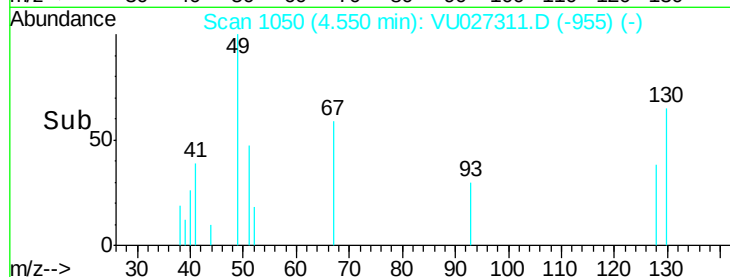
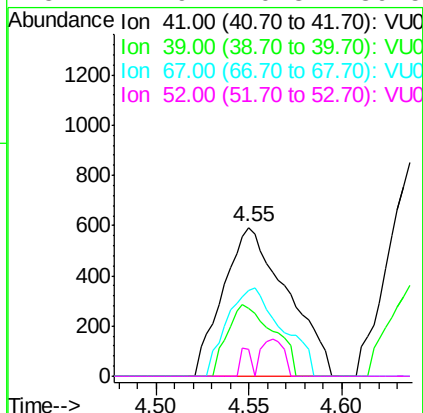
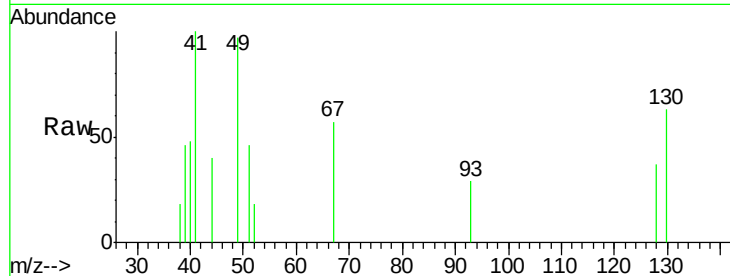




#41
Methacrylonitrile
Concen: 0.930 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

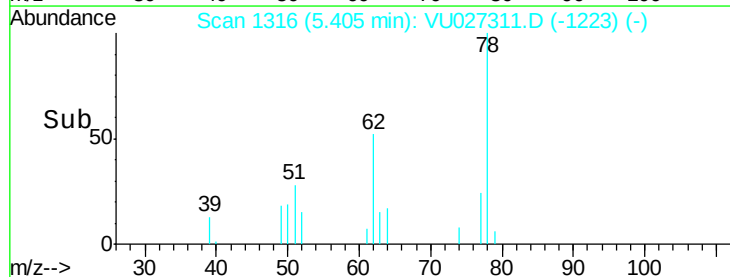
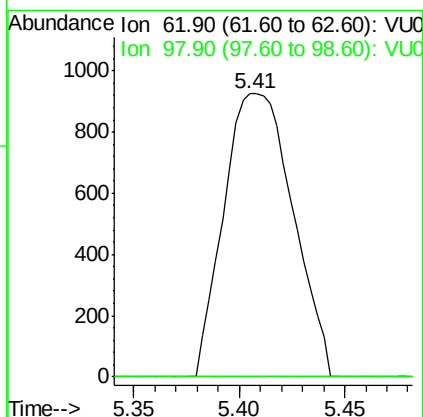
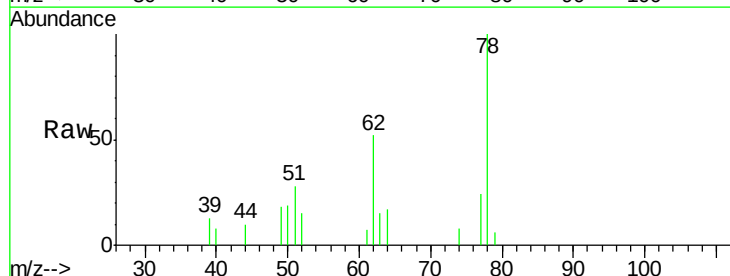
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

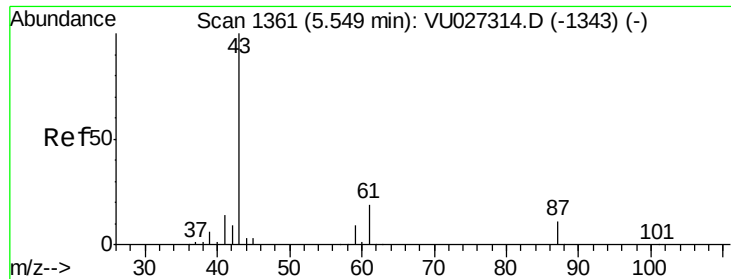
Tgt Ion: 41 Resp: 1426
Ion Ratio Lower Upper
41 100
39 34.8 41.1 61.7#
67 50.8 50.4 75.6
52 2.9 20.3 30.5#



#42
1,2-Dichloroethane
Concen: 0.927 ug/l
RT: 5.41 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 62 Resp: 2105
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.8





#43

Isopropyl Acetate

Concen: 0.856 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

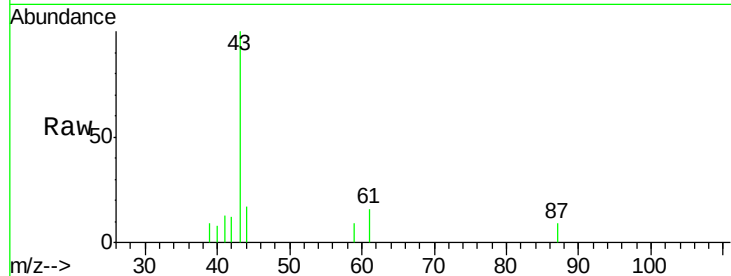
Tgt Ion: 43 Resp: 3608

Ion Ratio Lower Upper

43 100

61 16.5 15.3 22.9

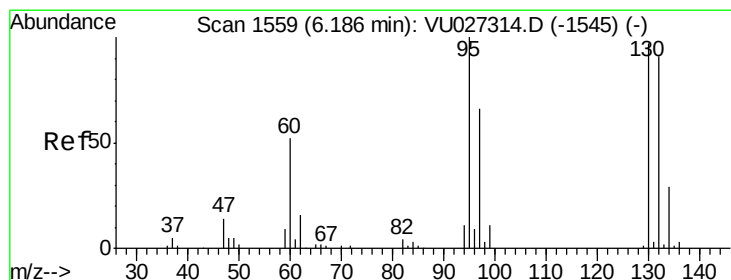
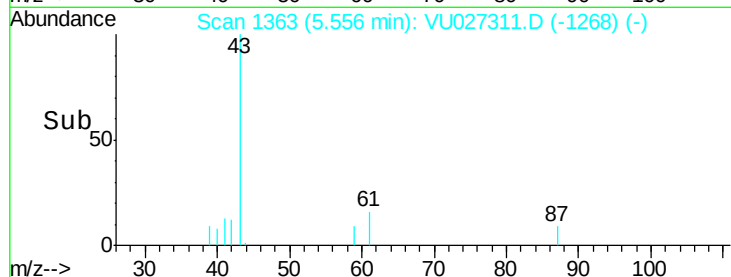
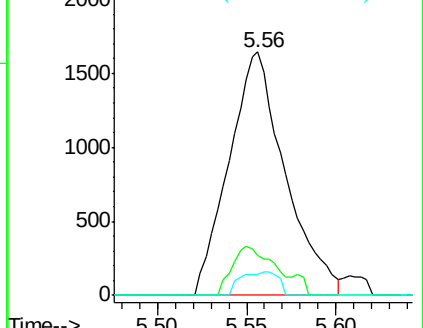
87 6.6 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VU027311.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU027311.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU027311.D (-1343) (-)



#44

Trichloroethene

Concen: 0.984 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027311.D

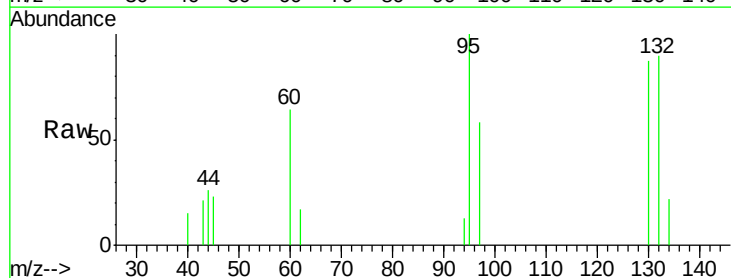
Acq: 01 Oct 2018 10:07

Tgt Ion: 130 Resp: 1342

Ion Ratio Lower Upper

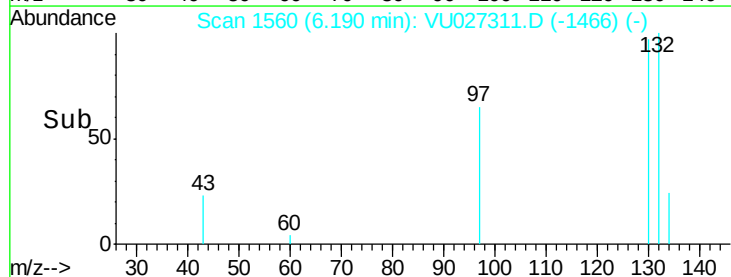
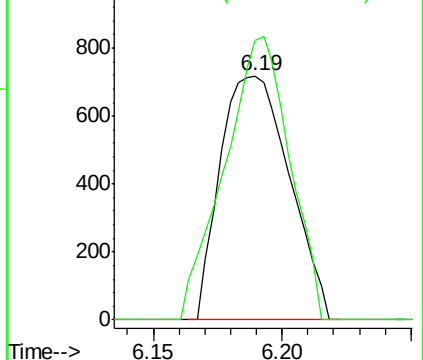
130 100

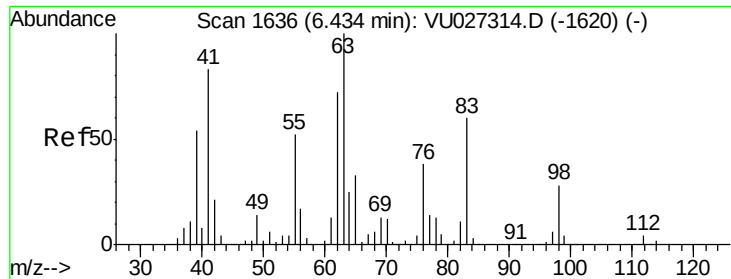
95 114.6 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027311.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU027311.D (-1545) (-)

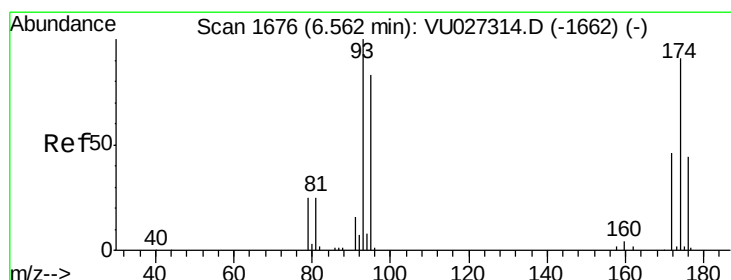
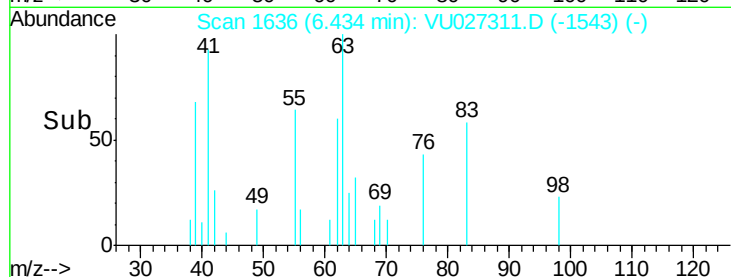
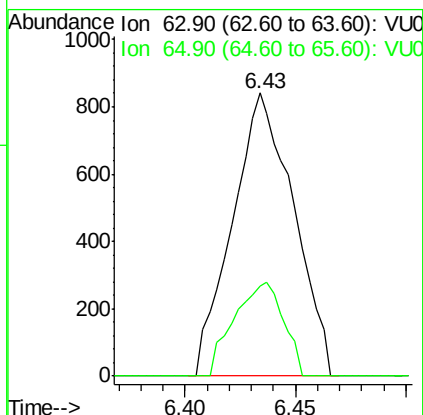
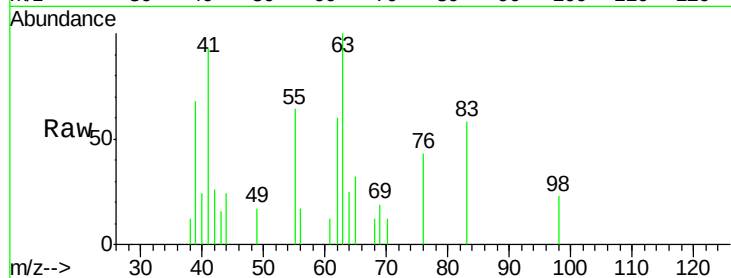




#45
 1,2-Dichloropropane
 Concen: 0.917 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

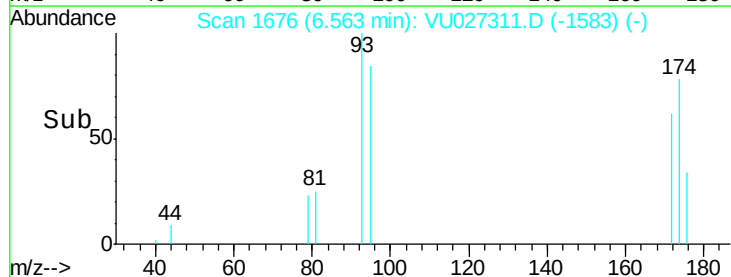
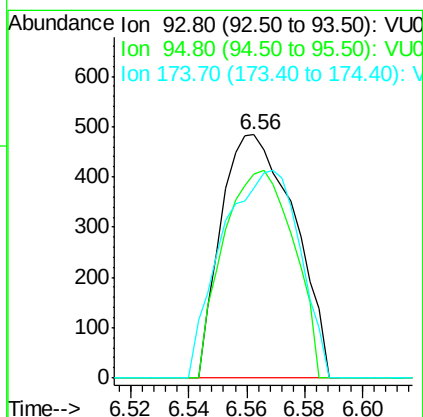
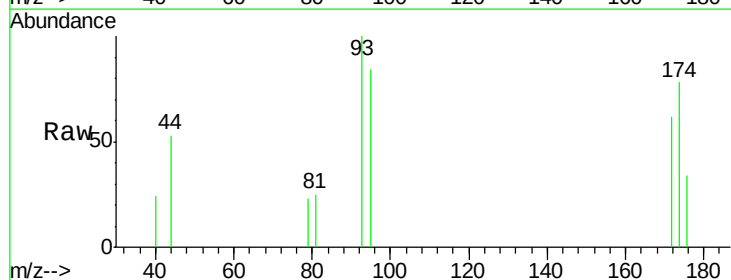
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

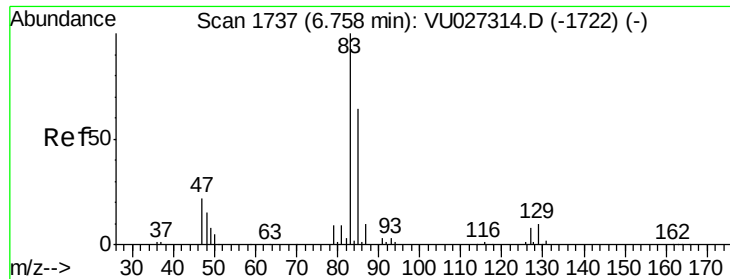
Tgt Ion: 63 Resp: 1618
 Ion Ratio Lower Upper
 63 100
 65 31.7 26.0 39.0



#46
 Dibromomethane
 Concen: 0.849 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Tgt Ion: 93 Resp: 846
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.5 99.7
 174 91.0 72.5 108.7





#47

Bromodichloromethane

Concen: 0.916 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

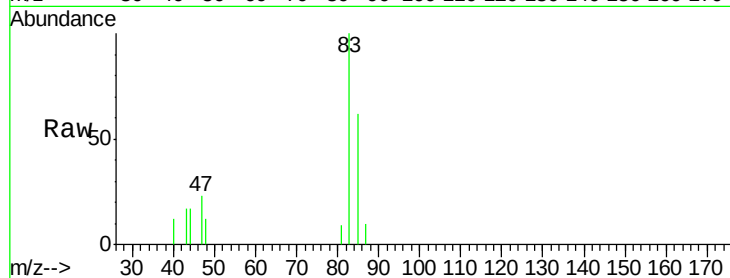
Tgt Ion: 83 Resp: 1893

Ion Ratio Lower Upper

83 100

85 61.8 51.4 77.0

127 0.0 6.3 9.5#

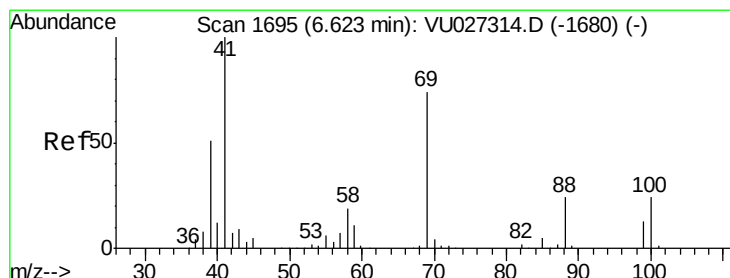
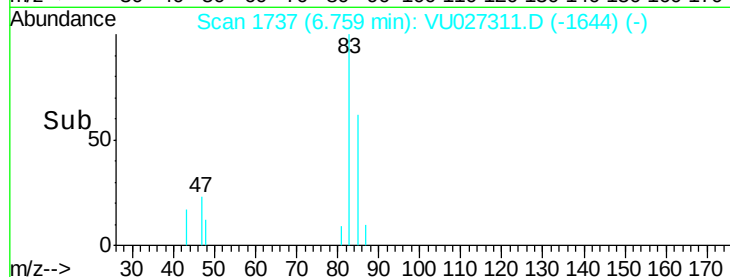


Abundance Ion 82.90 (82.60 to 83.60): VU027311.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027311.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027311.D (-1644) (-)

Time-->



#48

Methyl methacrylate

Concen: 0.825 ug/l

RT: 6.63 min Scan# 1698

Delta R.T. 0.01 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

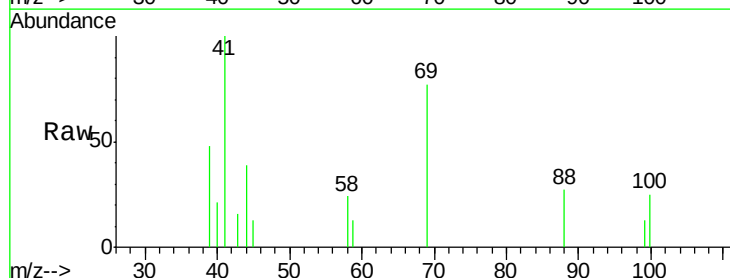
Tgt Ion: 41 Resp: 1728

Ion Ratio Lower Upper

41 100

69 67.9 61.0 91.4

39 38.0 39.9 59.9#

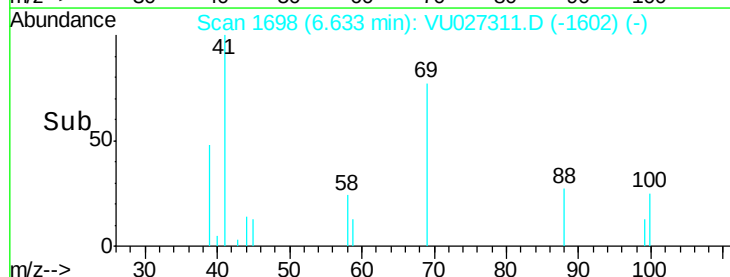


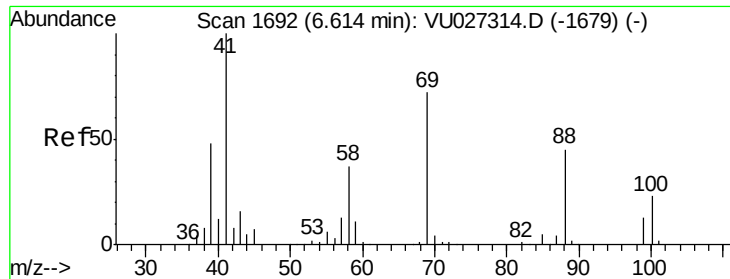
Abundance Ion 41.00 (40.70 to 41.70): VU027311.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027311.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027311.D (-1602) (-)

Time-->

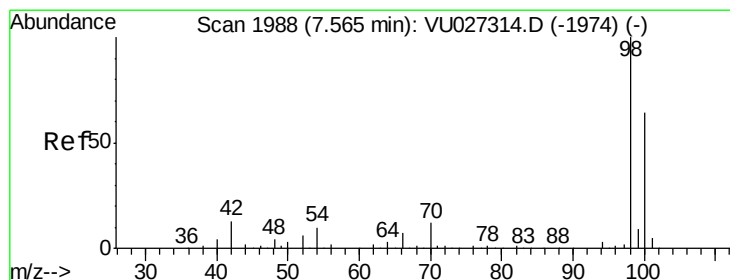
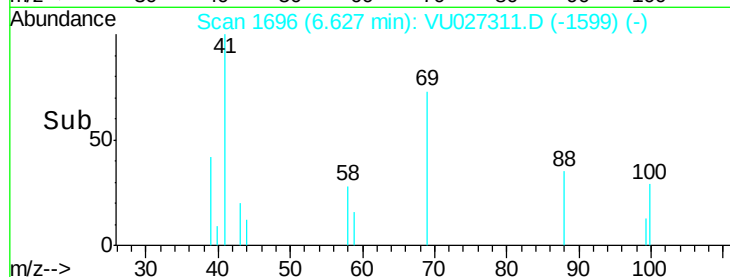
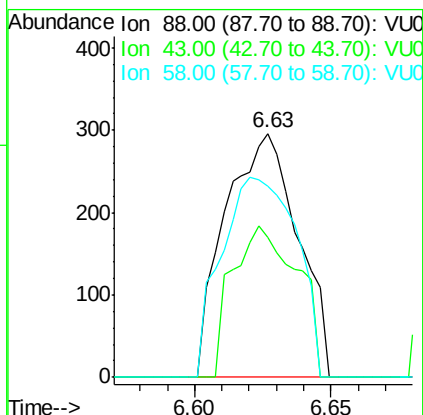
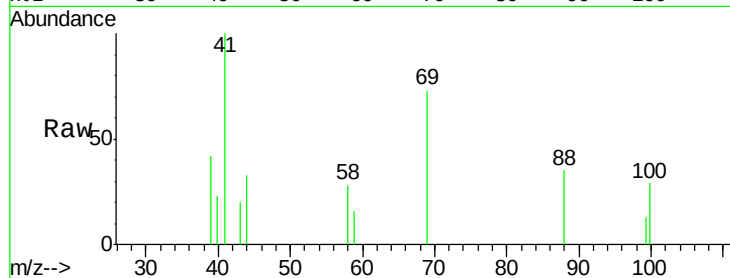




#49
1,4-Dioxane
Concen: 15.199 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

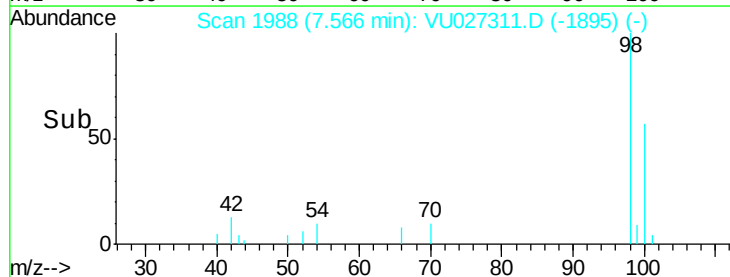
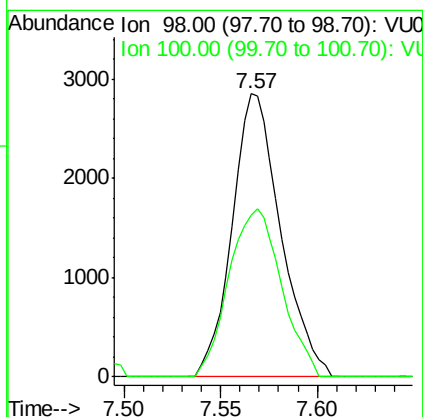
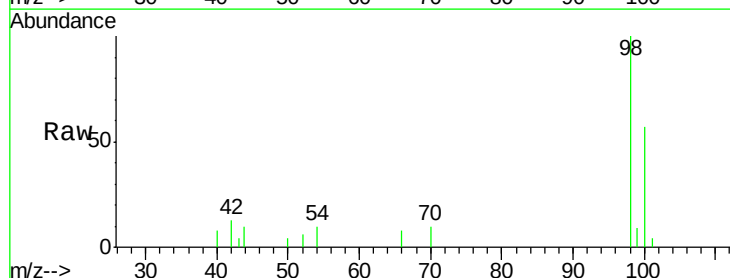
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

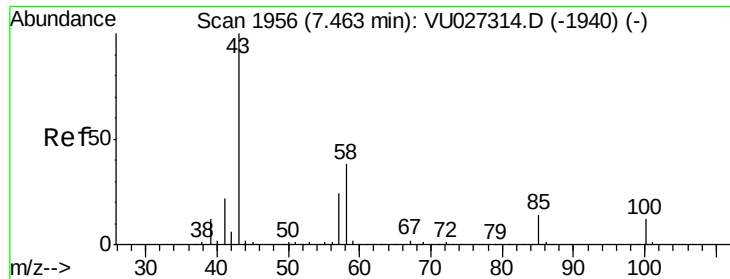
Tgt Ion: 88 Resp: 548
Ion Ratio Lower Upper
88 100
43 55.5 30.8 46.2#
58 85.0 67.0 100.6



#50
Toluene-d8
Concen: 1.001 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 98 Resp: 4962
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 4.081 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

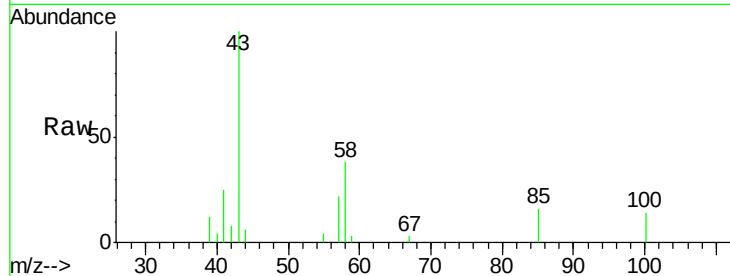
VSTDIC001

Tgt Ion: 43 Resp: 11175

Ion Ratio Lower Upper

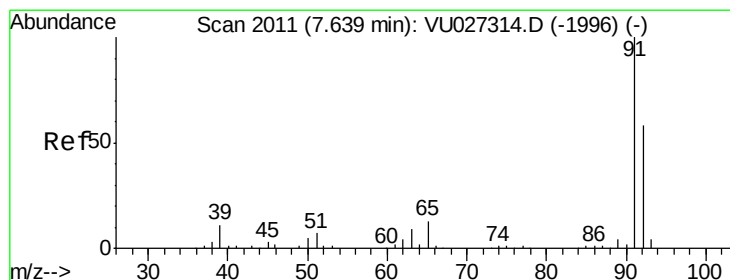
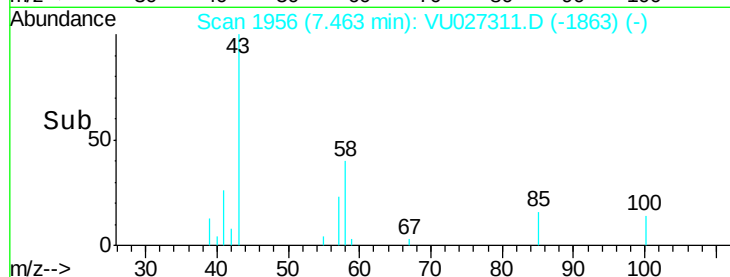
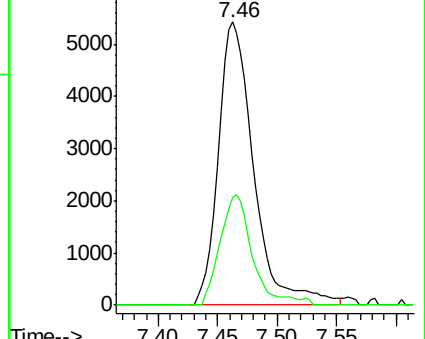
43 100

58 34.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 0.896 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027311.D

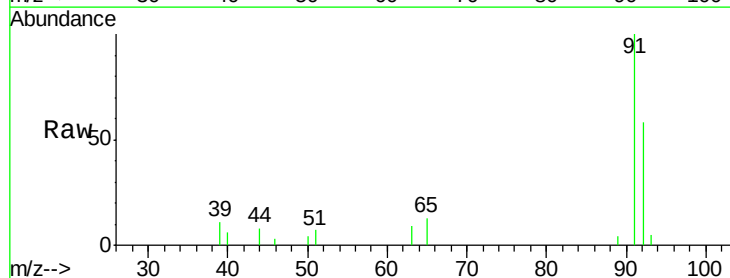
Acq: 01 Oct 2018 10:07

Tgt Ion: 92 Resp: 3243

Ion Ratio Lower Upper

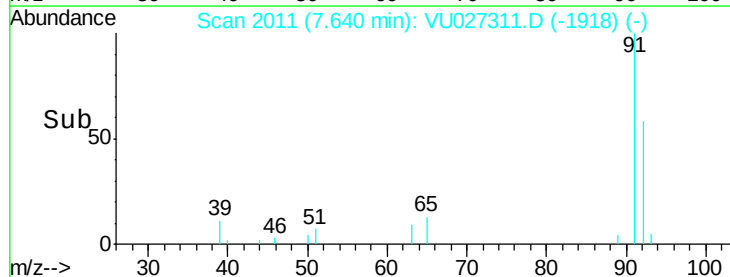
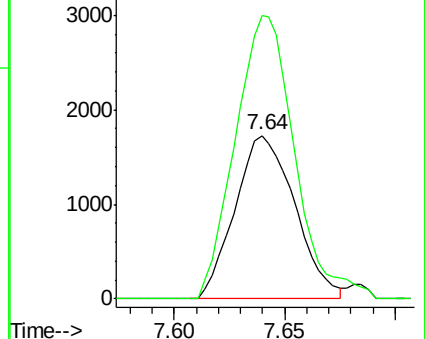
92 100

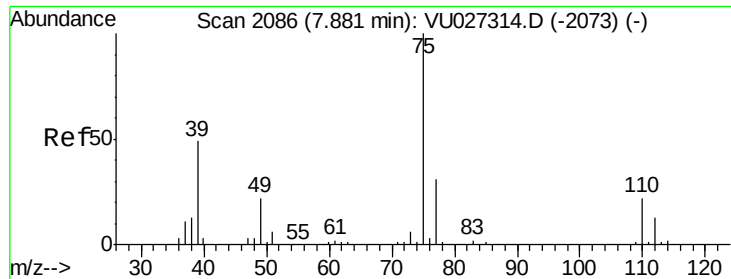
91 172.2 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

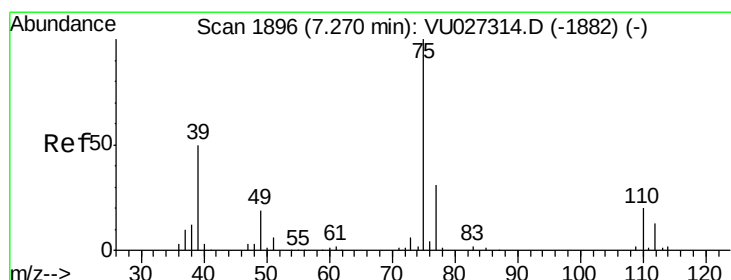
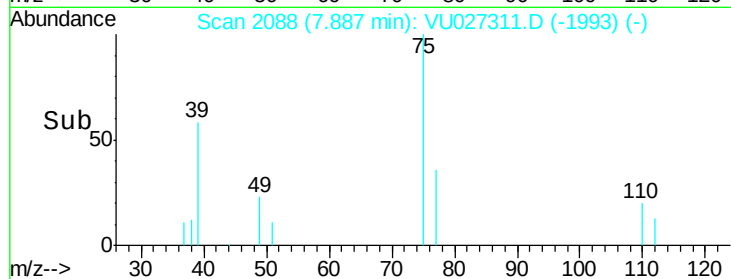
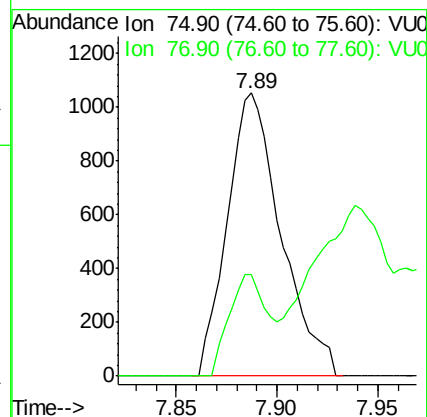
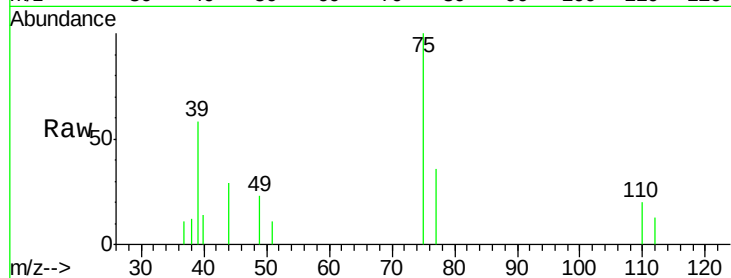




#53
t-1,3-Dichloropropene
Concen: 0.807 ug/l
RT: 7.89 min Scan# 2088
Delta R.T. 0.01 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

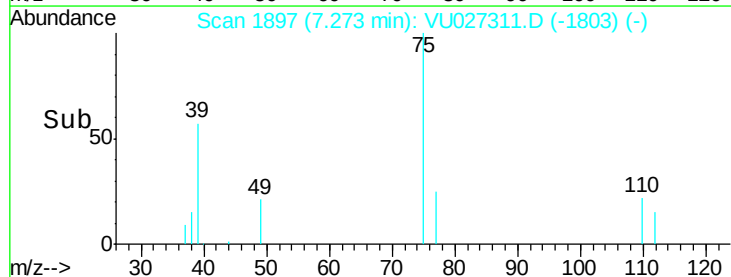
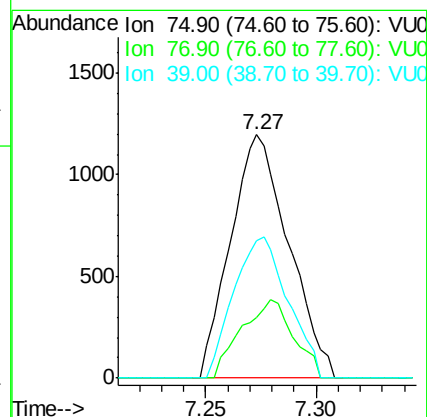
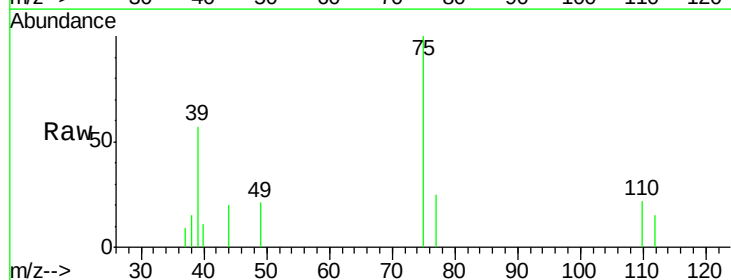
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

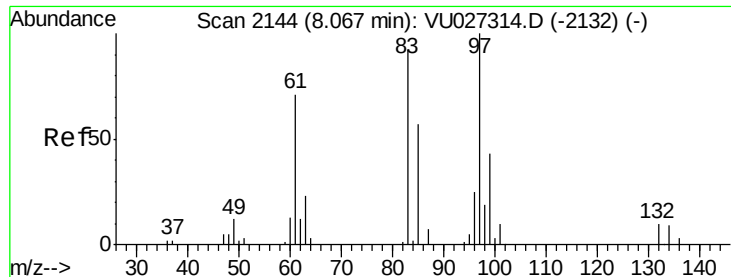
Tgt Ion: 75 Resp: 1956
Ion Ratio Lower Upper
75 100
77 35.7 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 0.837 ug/l
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 75 Resp: 2181
Ion Ratio Lower Upper
75 100
77 24.8 24.5 36.7
39 56.6 40.1 60.1

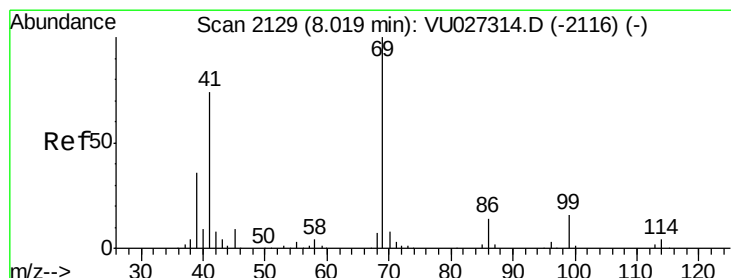
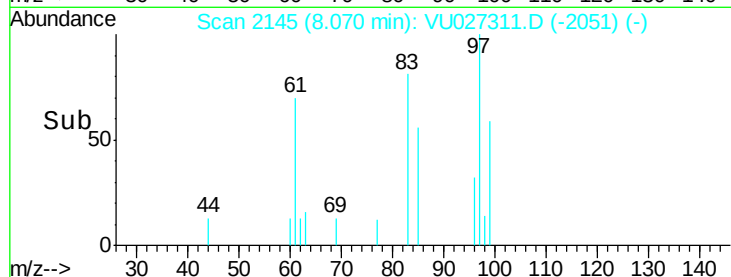
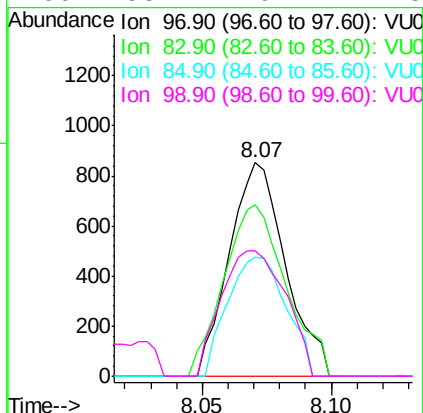
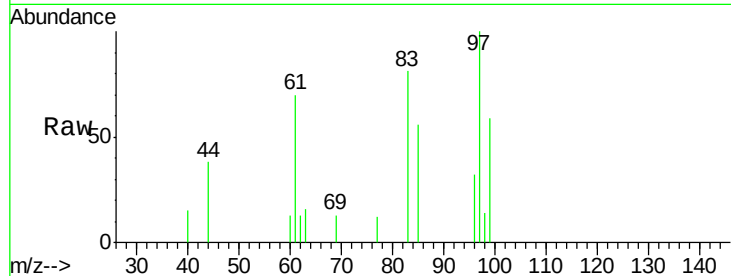




#55
 1,1,2-Trichloroethane
 Concen: 0.900 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

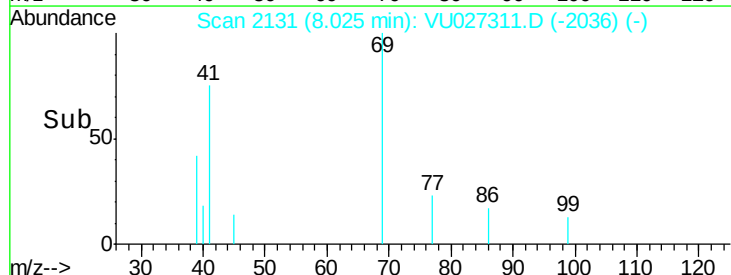
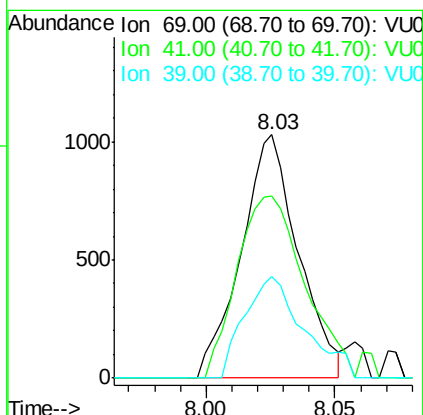
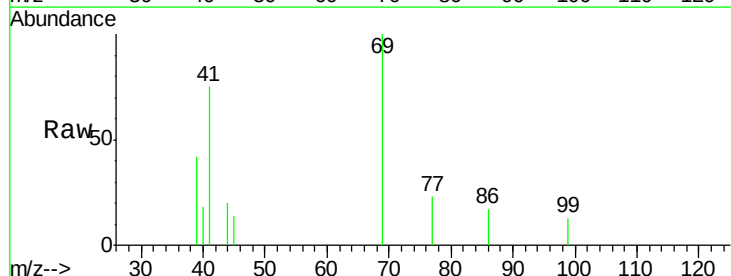
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

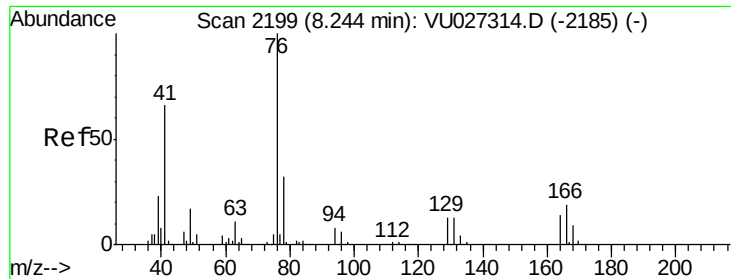
Tgt Ion:	97	Resp:	1292
Ion	Ratio	Lower	Upper
97	100		
83	80.5	73.0	109.6
85	55.6	47.3	70.9
99	58.7	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 0.668 ug/l
 RT: 8.03 min Scan# 2131
 Delta R.T. 0.01 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Tgt Ion:	69	Resp:	1590
Ion	Ratio	Lower	Upper
69	100		
41	88.6	60.0	90.0
39	43.1	29.5	44.3

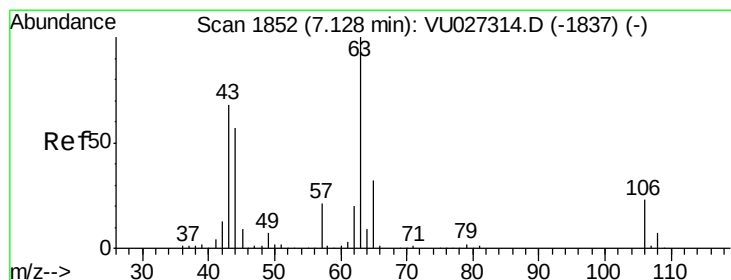
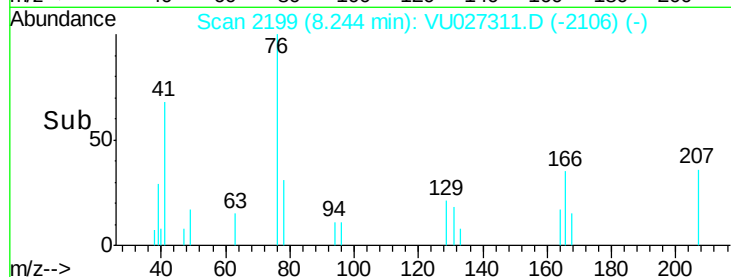
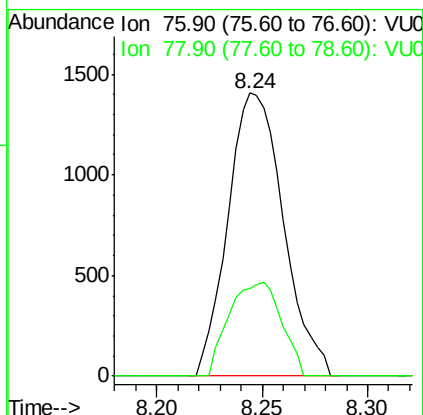
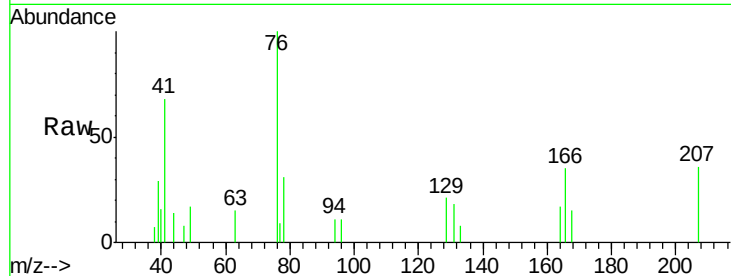




#57
 1,3-Dichloropropane
 Concen: 0.924 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

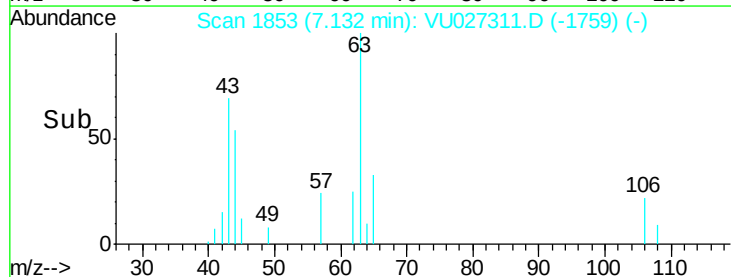
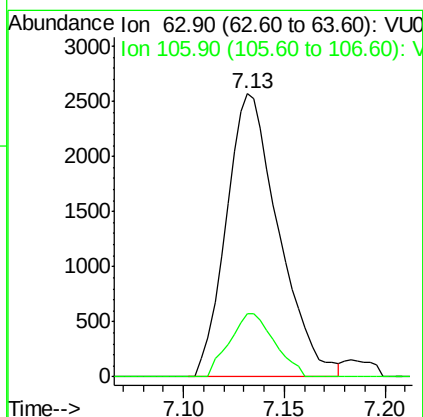
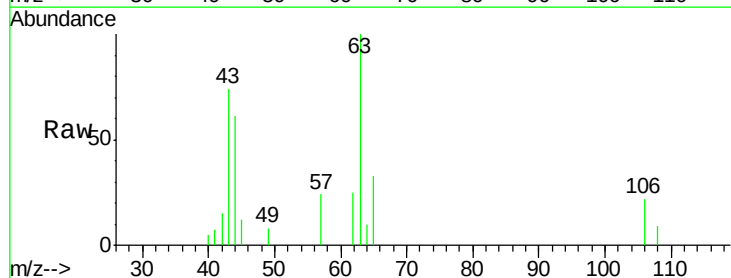
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

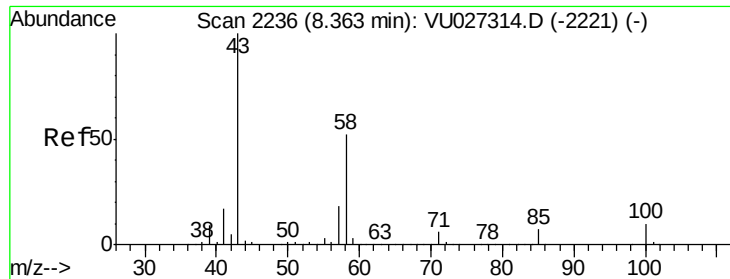
Tgt Ion: 76 Resp: 2573
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.500 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Tgt Ion: 63 Resp: 4657
 Ion Ratio Lower Upper
 63 100
 106 19.3 18.5 27.7

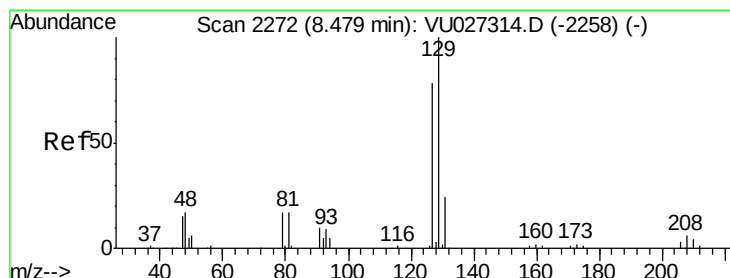
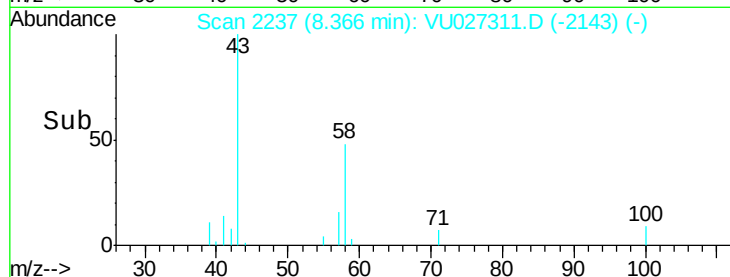
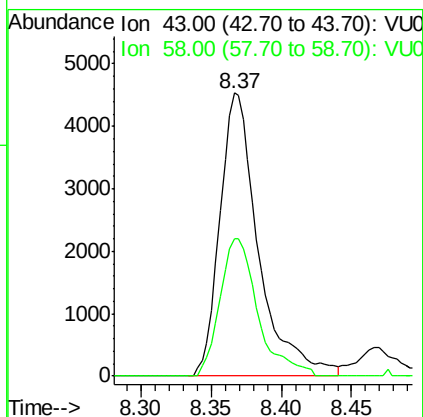
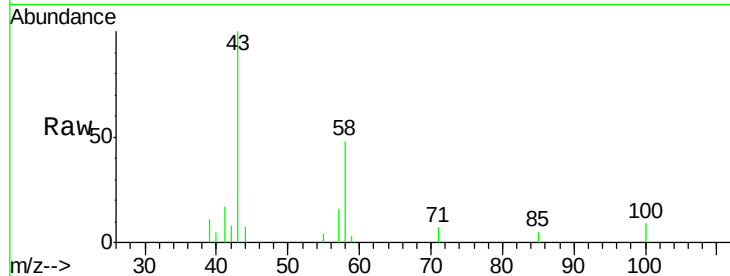




#59
2-Hexanone
Concen: 4.085 ug/l
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

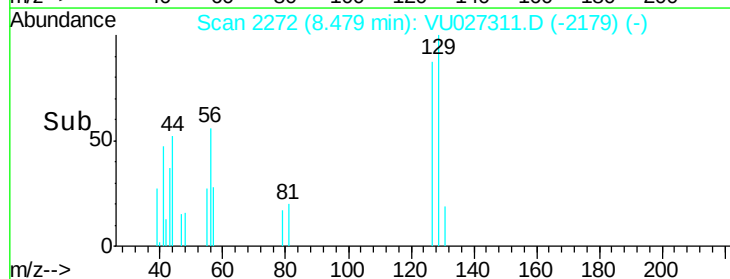
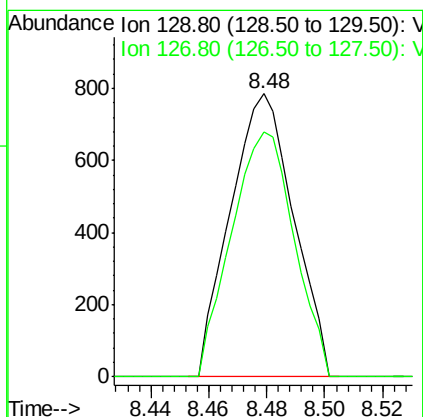
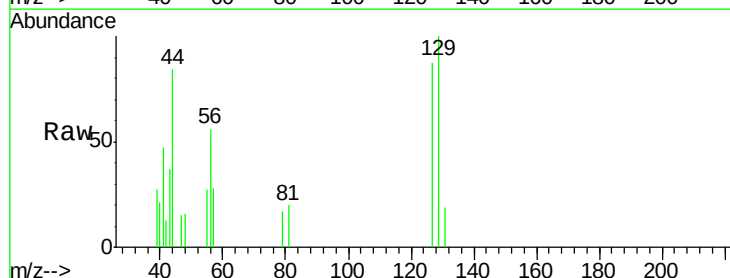
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

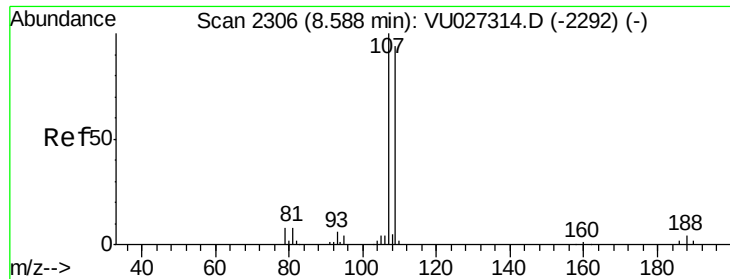
Tgt Ion: 43 Resp: 8677
Ion Ratio Lower Upper
43 100
58 47.5 26.1 78.3



#60
Dibromochloromethane
Concen: 0.825 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 129 Resp: 1188
Ion Ratio Lower Upper
129 100
127 85.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 0.920 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

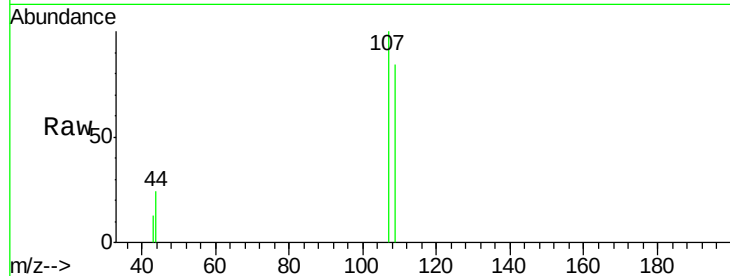
VSTDIC001

Tgt Ion: 107 Resp: 1404

Ion Ratio Lower Upper

107 100

109 92.2 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

1000

800

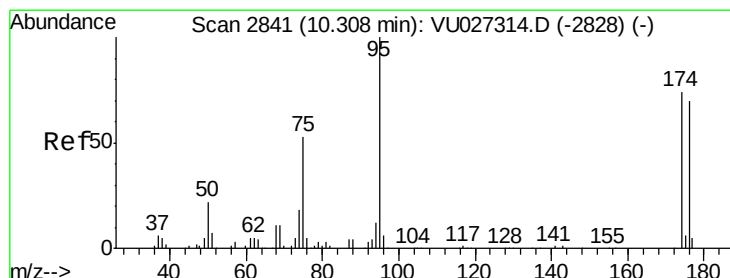
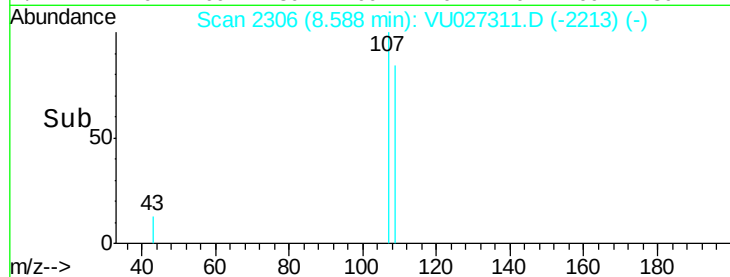
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 1.096 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

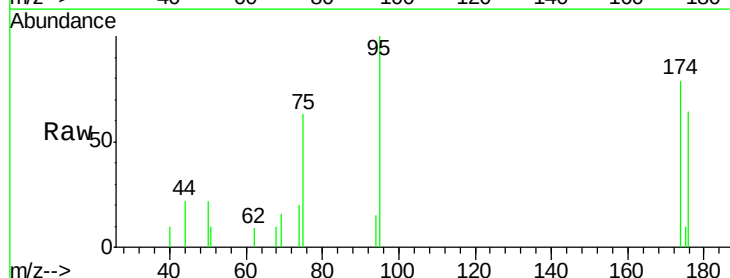
Tgt Ion: 95 Resp: 1989

Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.8

176 64.5 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

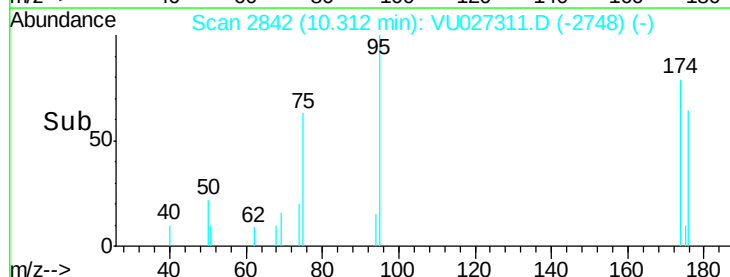
1500

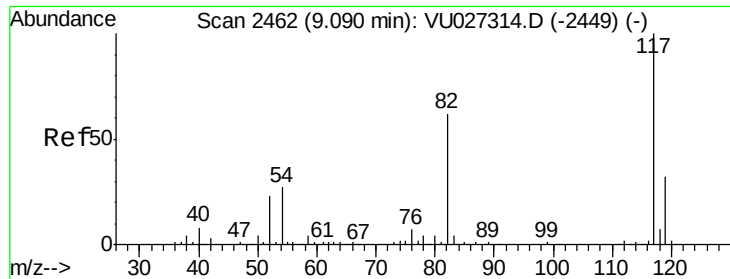
1000

500

0

Time-->

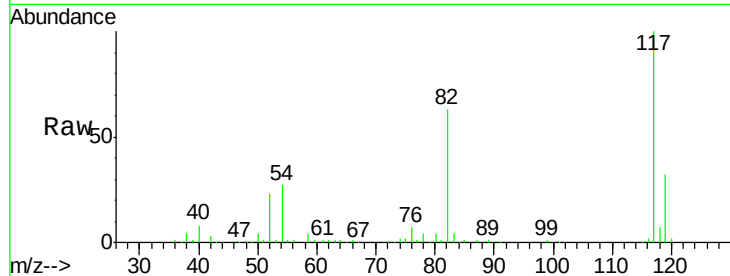




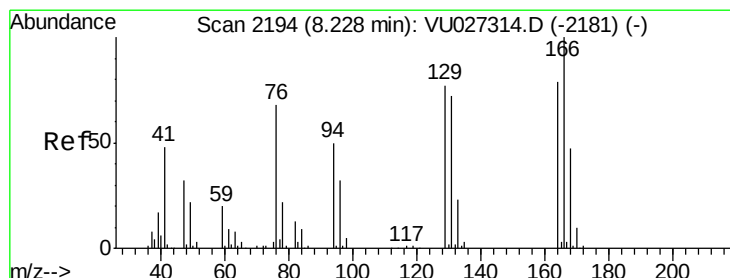
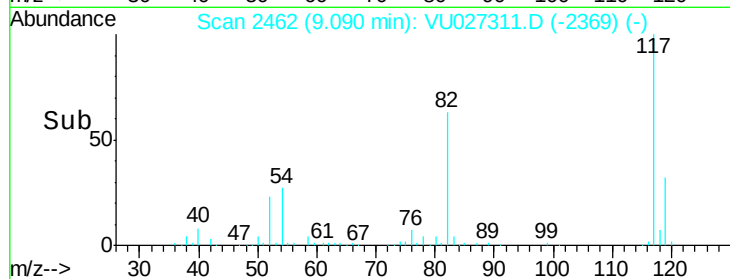
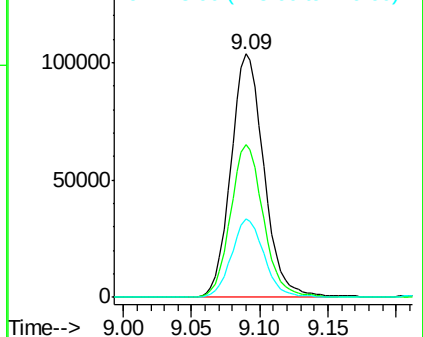
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 174543
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 32.1 25.7 38.5

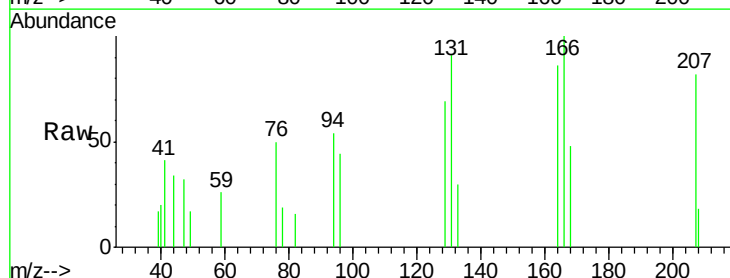


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

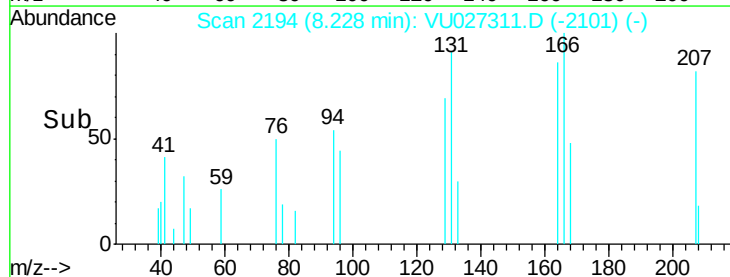
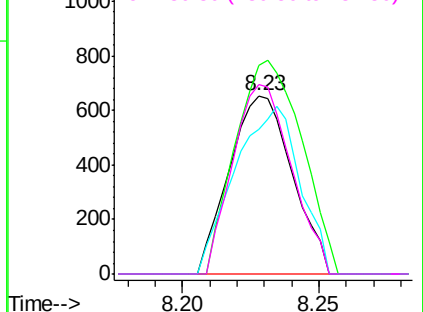


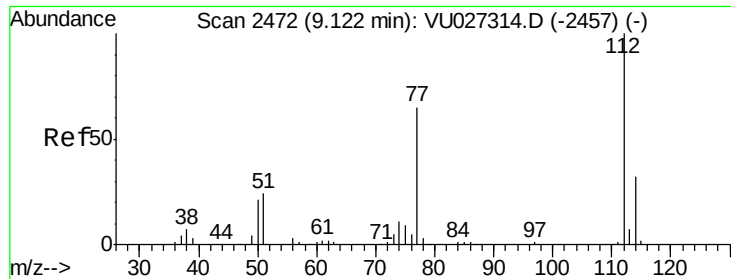
#64
Tetrachloroethene
Concen: 0.964 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion:164 Resp: 1047
Ion Ratio Lower Upper
164 100
166 116.7 101.0 151.6
129 81.0 78.0 117.0
131 106.4 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

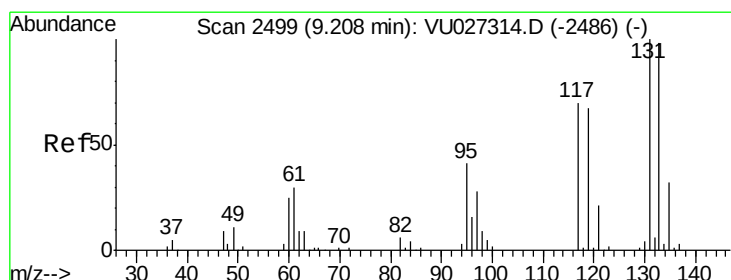
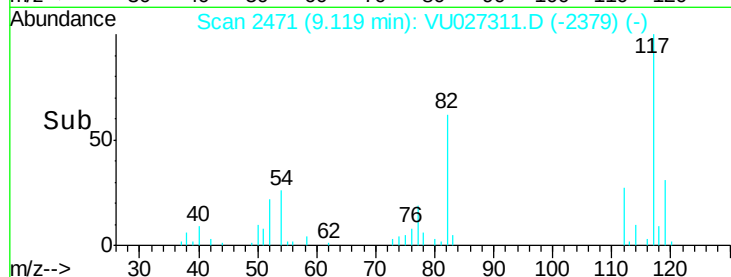
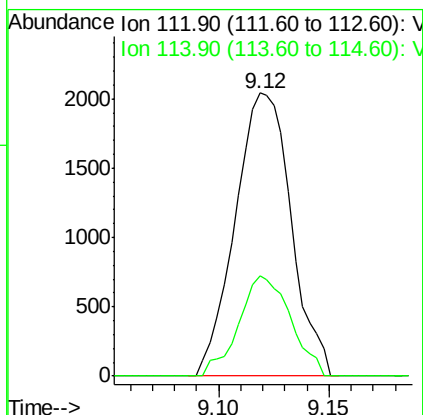
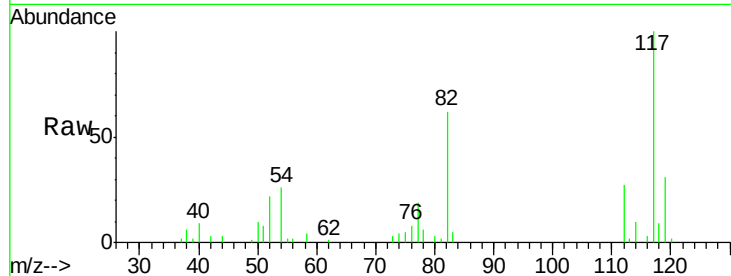




#65
Chlorobenzene
Concen: 0.977 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

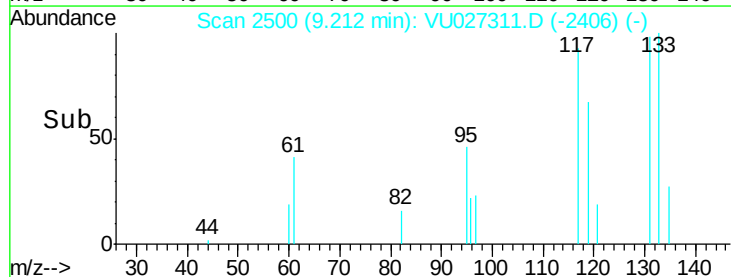
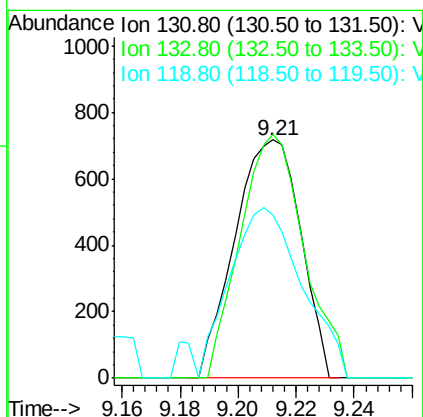
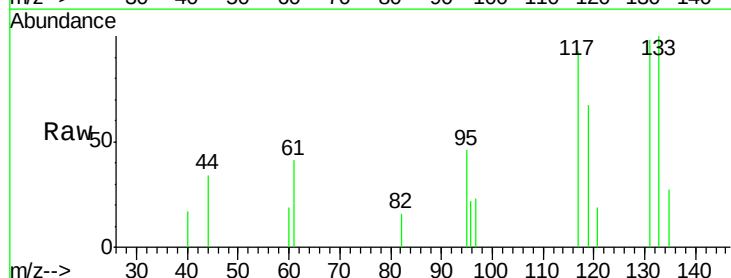
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

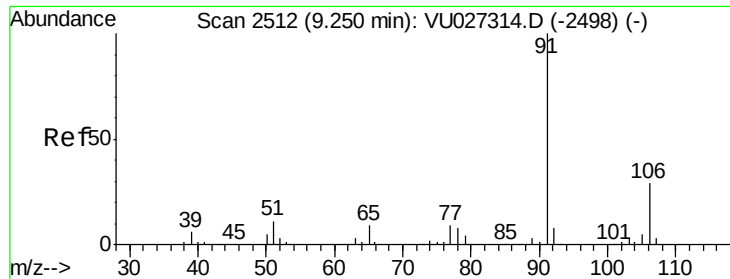
Tgt Ion:112 Resp: 3588
Ion Ratio Lower Upper
112 100
114 35.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 0.890 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion:131 Resp: 1129
Ion Ratio Lower Upper
131 100
133 99.1 48.5 145.6
119 0.0 33.5 100.4#

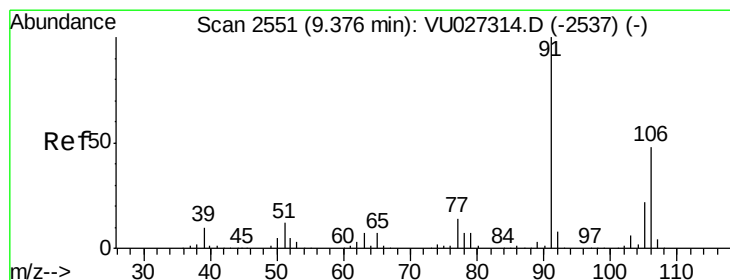
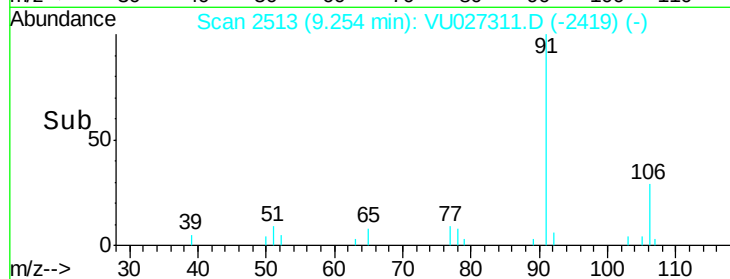
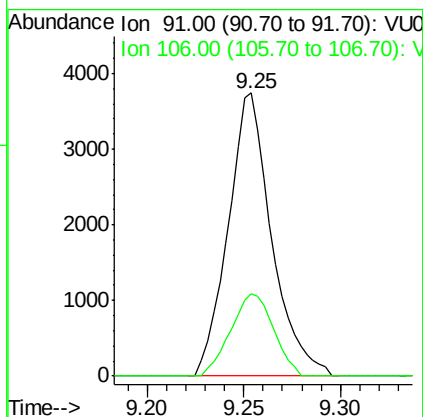
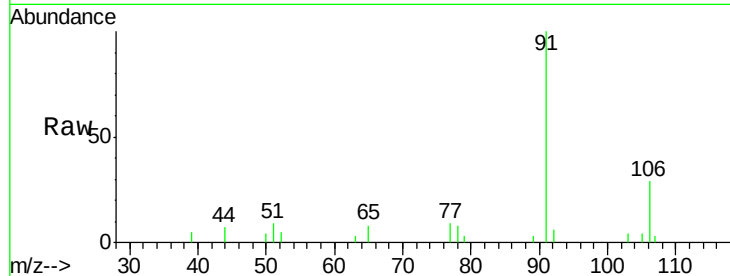




#67
Ethyl Benzene
Concen: 0.896 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

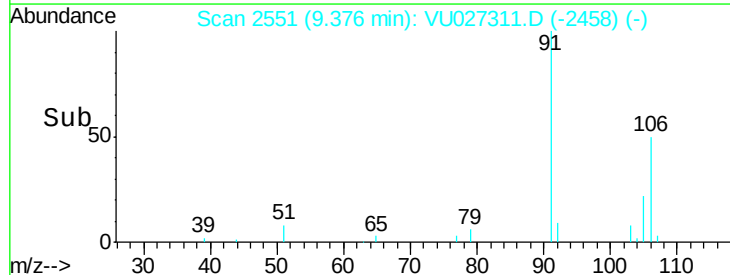
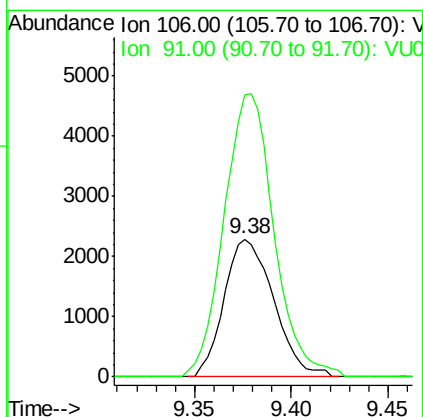
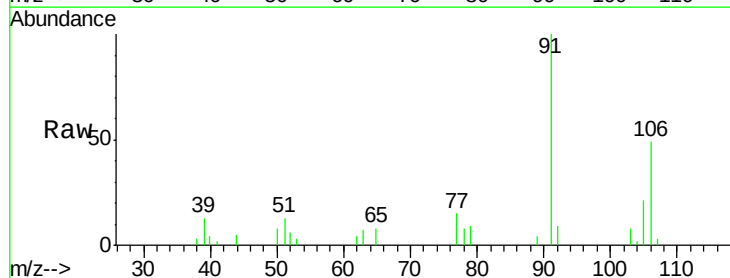
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

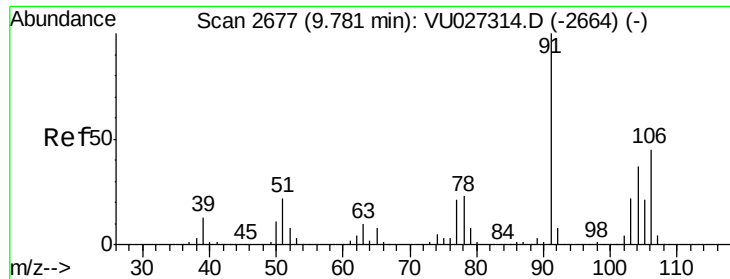
Tgt Ion: 91 Resp: 5835
Ion Ratio Lower Upper
91 100
106 29.2 23.6 35.4



#68
m/p-Xylenes
Concen: 1.717 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 106 Resp: 4089
Ion Ratio Lower Upper
106 100
91 206.7 168.1 252.1

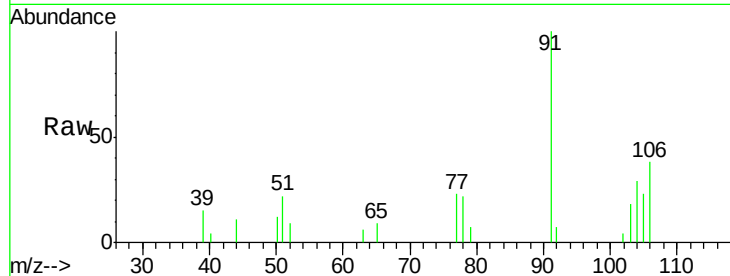




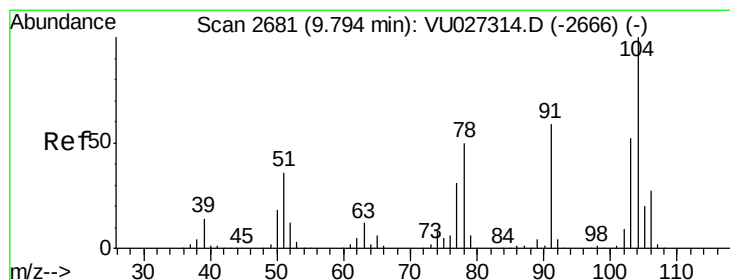
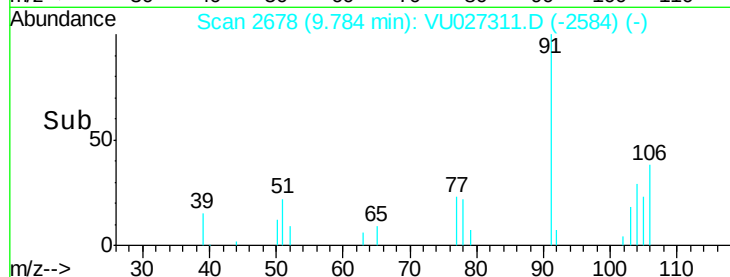
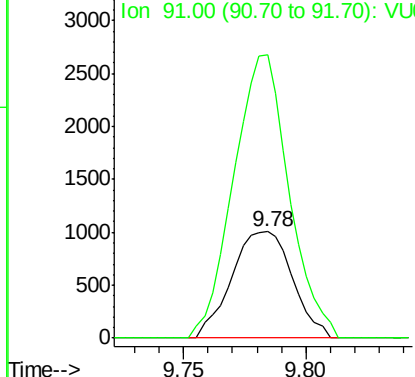
#69
o-Xylene
Concen: 0.770 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 1742
Ion Ratio Lower Upper
106 100
91 241.6 111.7 334.9

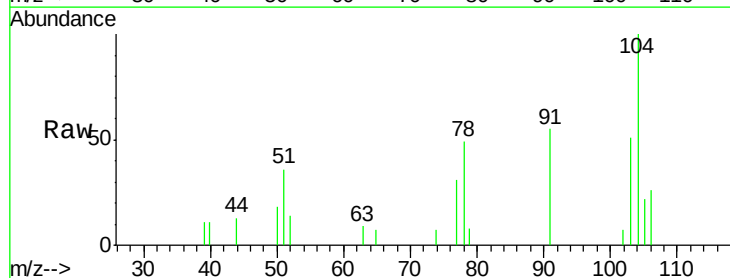


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

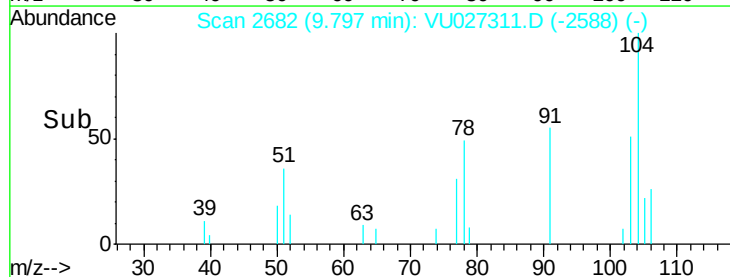
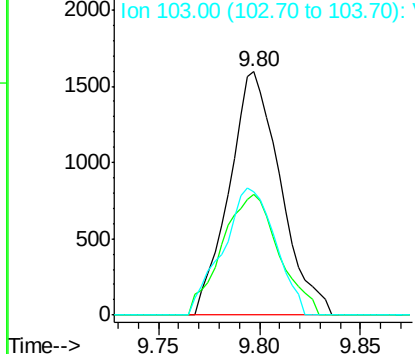


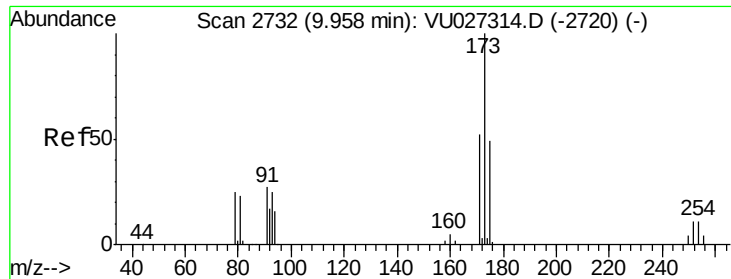
#70
Styrene
Concen: 0.761 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion:104 Resp: 2828
Ion Ratio Lower Upper
104 100
78 54.9 42.9 64.3
103 53.6 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: 0.837 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

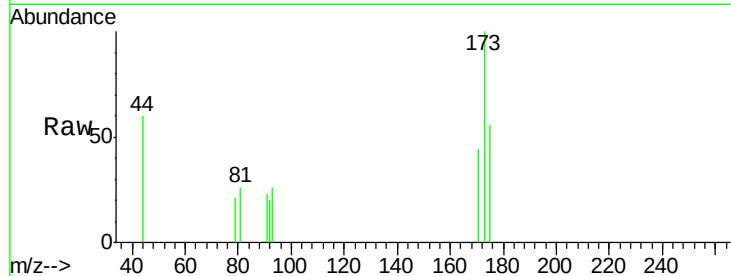
Tgt Ion:173 Resp: 854

Ion Ratio Lower Upper

173 100

175 42.3 24.3 73.0

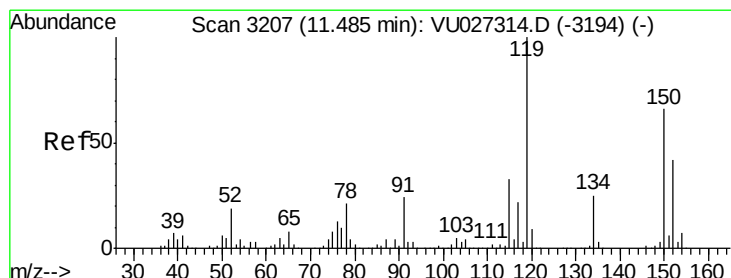
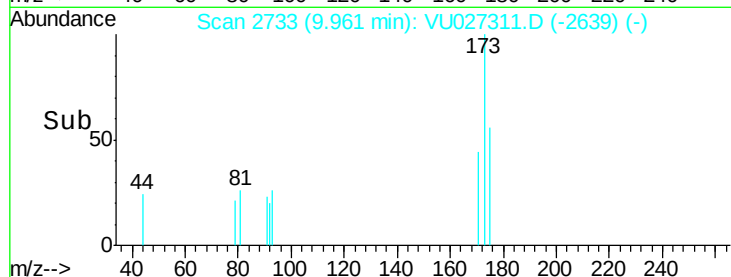
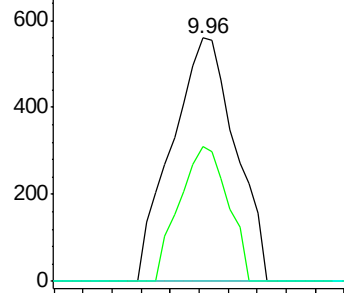
254 0.0 0.0 0.0



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: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

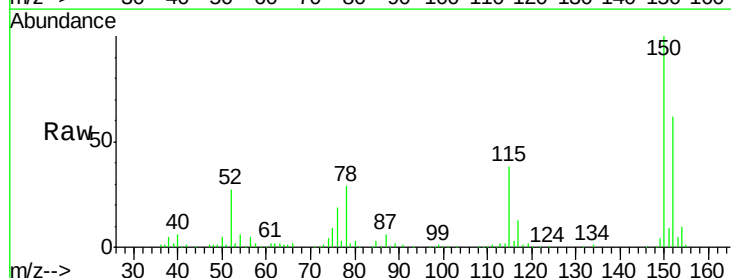
Tgt Ion:152 Resp: 75584

Ion Ratio Lower Upper

152 100

115 61.2 43.4 130.2

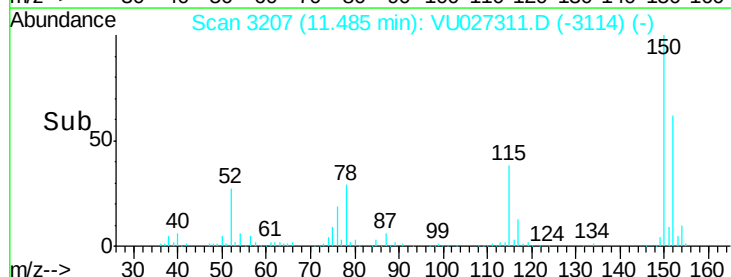
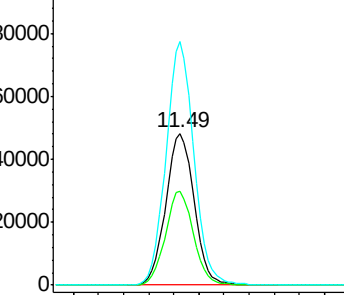
150 158.0 0.0 349.2

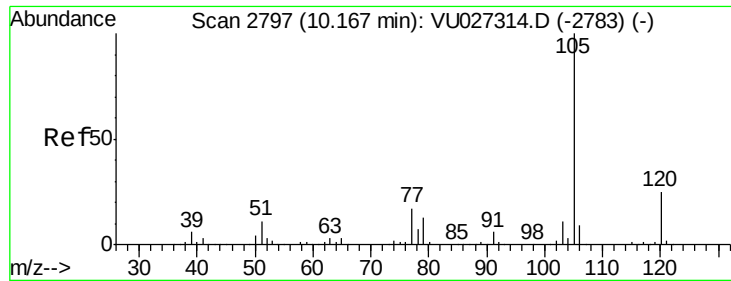


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.895 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

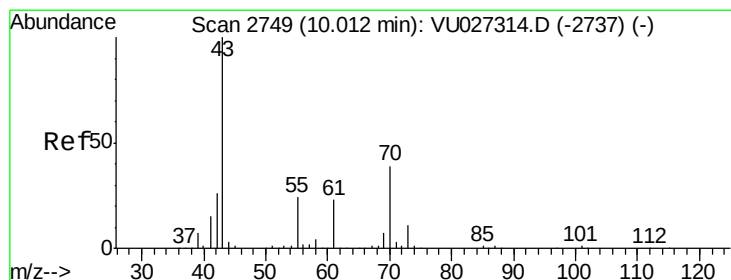
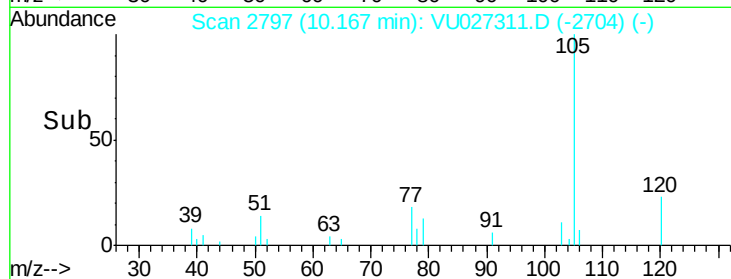
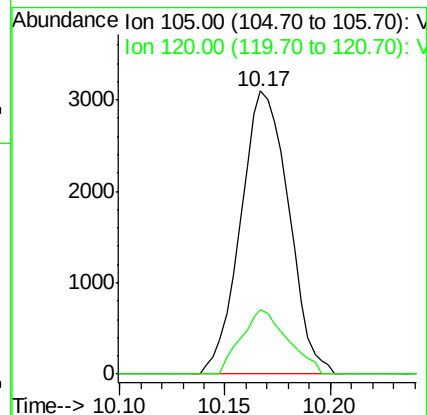
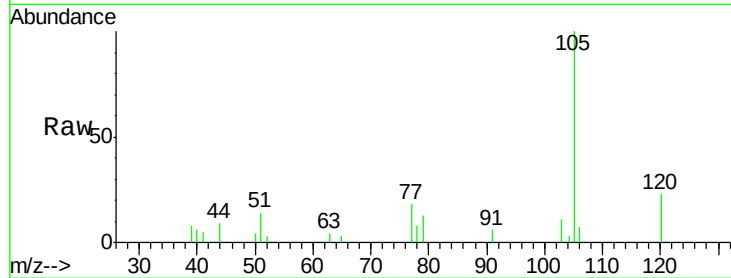
VSTDIC001

Tgt Ion: 105 Resp: 4915

Ion Ratio Lower Upper

105 100

120 21.9 12.6 37.8



#74

N-ethyl acetate

Concen: 0.856 ug/l

RT: 10.02 min Scan# 2751

Delta R.T. 0.01 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Tgt Ion: 43 Resp: 2689

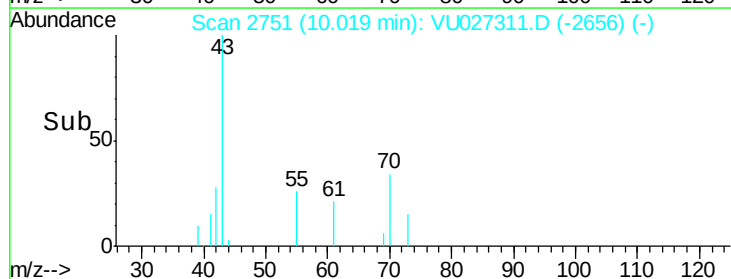
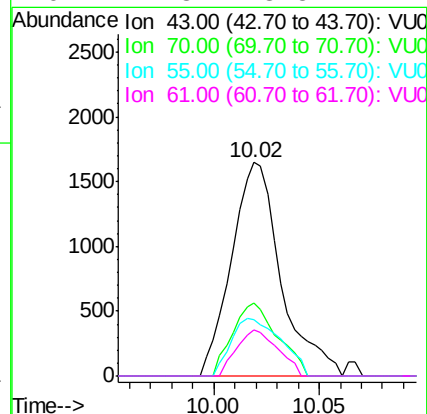
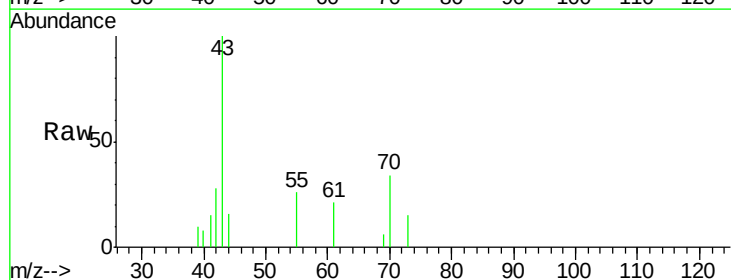
Ion Ratio Lower Upper

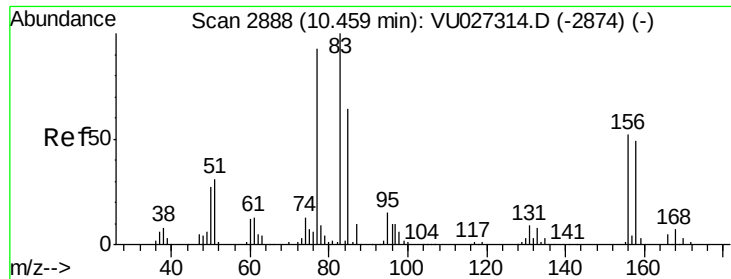
43 100

70 31.1 31.3 46.9#

55 27.2 19.0 28.6

61 17.8 18.5 27.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.973 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

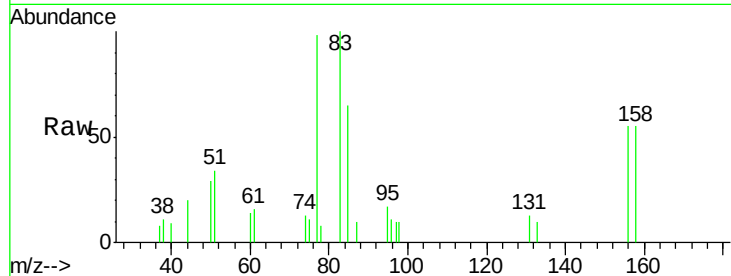
Tgt Ion: 83 Resp: 2097

Ion Ratio Lower Upper

83 100

131 8.4 4.4 13.2

85 62.9 32.0 96.0

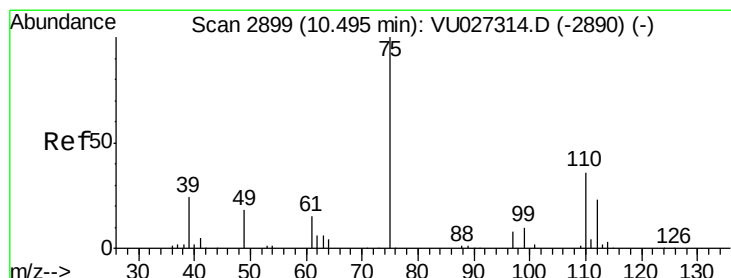
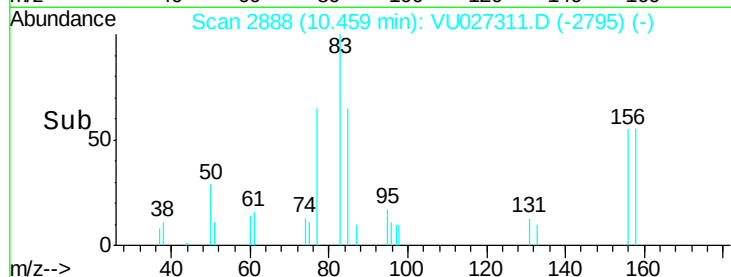


Abundance Ion 82.90 (82.60 to 83.60): VU027311.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027311.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027311.D (-2874) (-)

Time--> 10.40 10.45 10.50



#76

1,2,3-Trichloropropane

Concen: 1.145 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027311.D

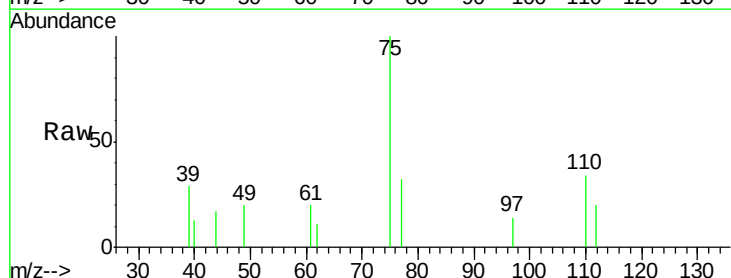
Acq: 01 Oct 2018 10:07

Tgt Ion: 75 Resp: 2412

Ion Ratio Lower Upper

75 100

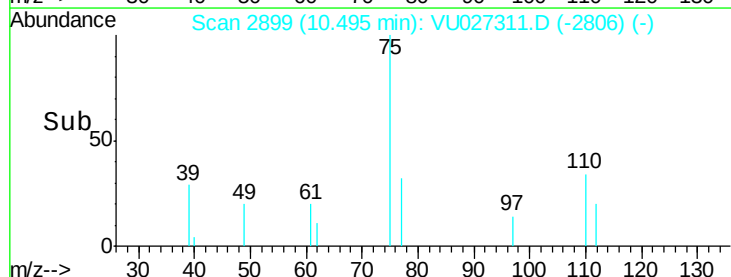
77 24.3 20.3 60.9

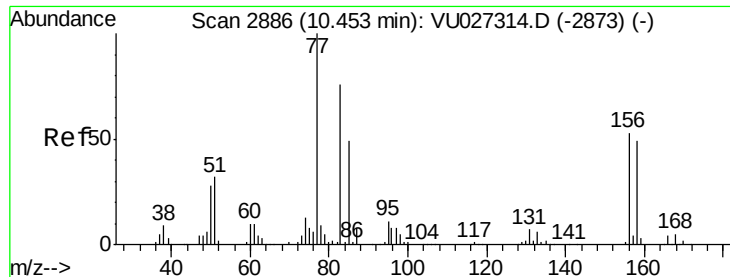


Abundance Ion 74.90 (74.60 to 75.60): VU027311.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027311.D (-2890) (-)

Time--> 10.45 10.50 10.55





#77

Bromobenzene

Concen: 0.975 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

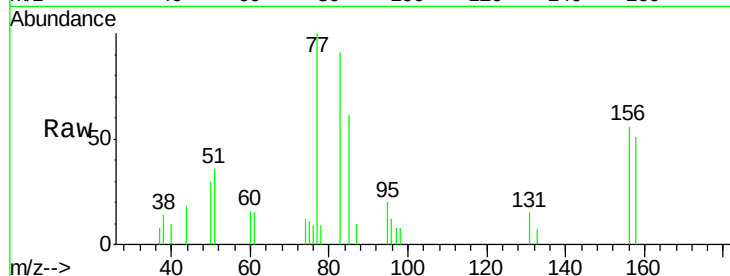
Tgt Ion:156 Resp: 1244

Ion Ratio Lower Upper

156 100

77 203.5 94.8 284.4

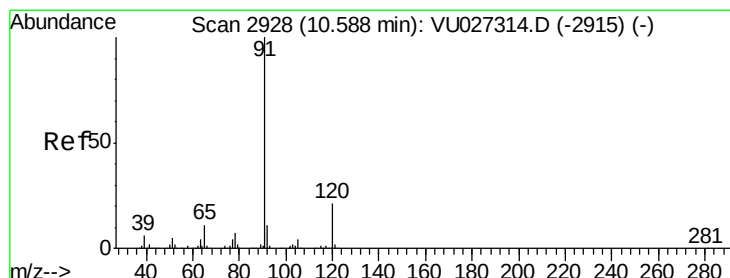
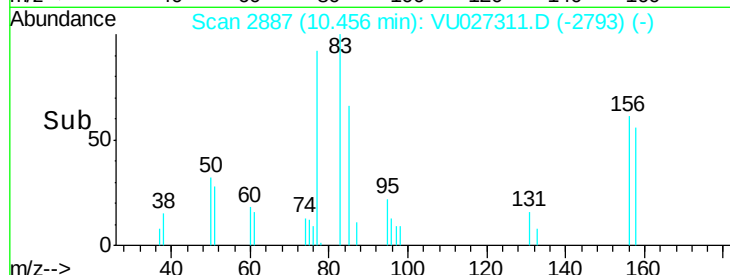
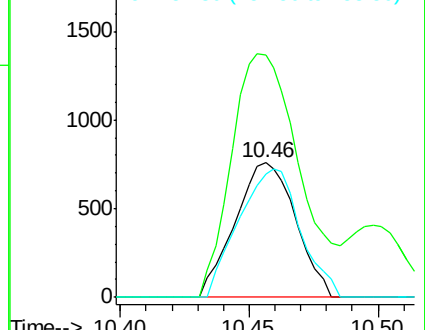
158 96.9 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.873 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027311.D

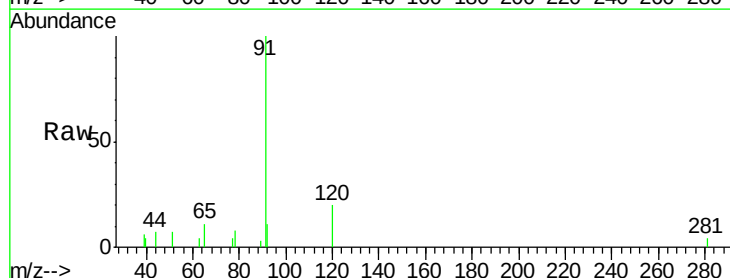
Acq: 01 Oct 2018 10:07

Tgt Ion: 91 Resp: 5756

Ion Ratio Lower Upper

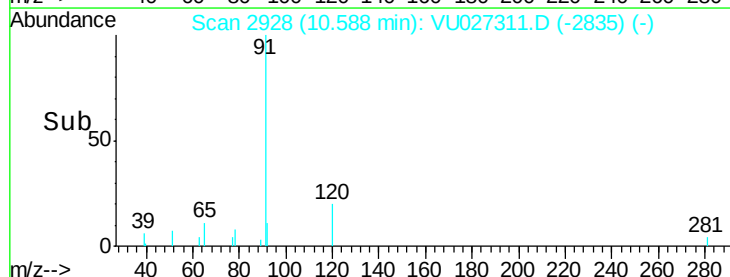
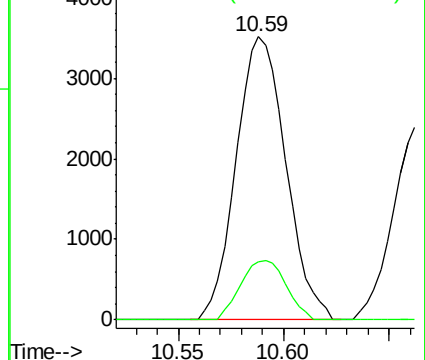
91 100

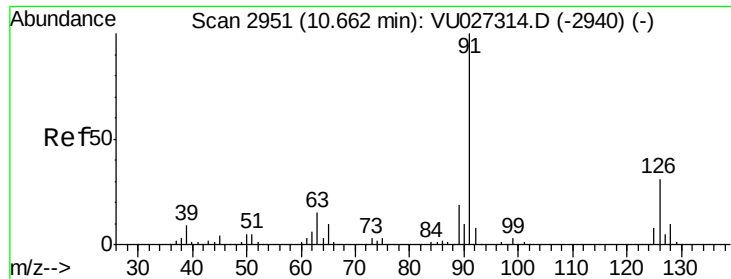
120 19.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

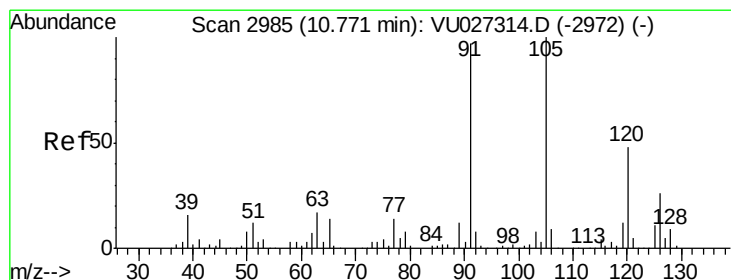
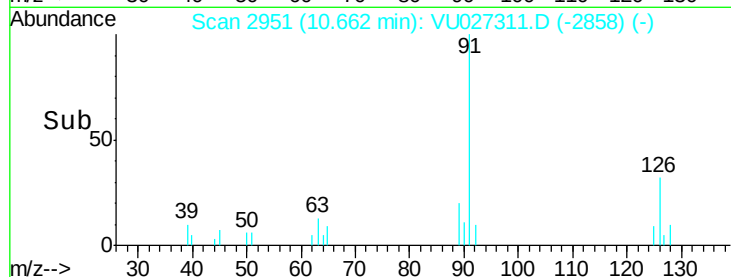
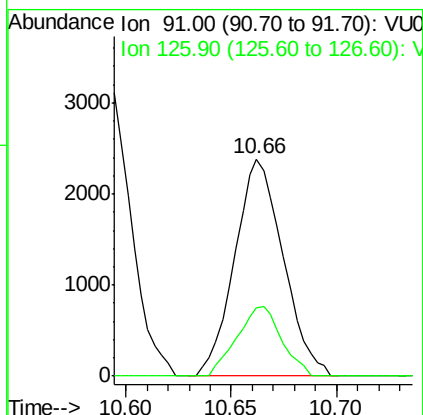
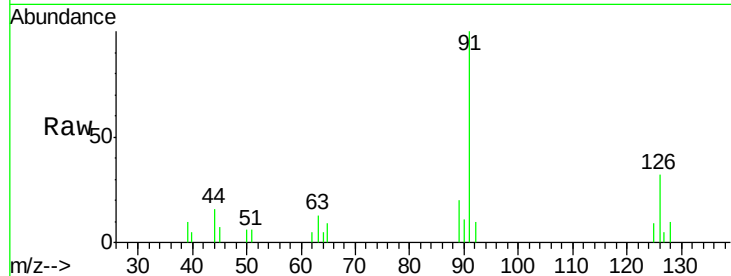




#79
 2-Chlorotoluene
 Concen: 0.956 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

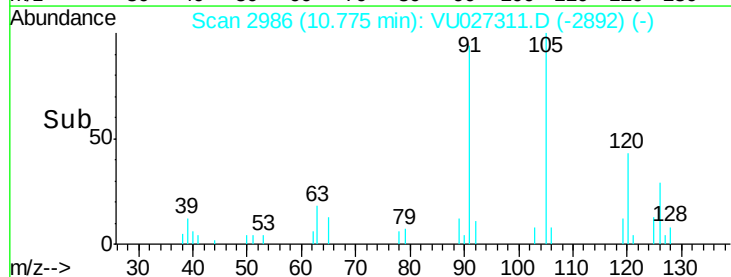
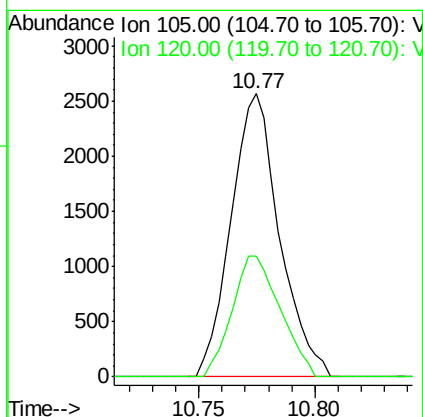
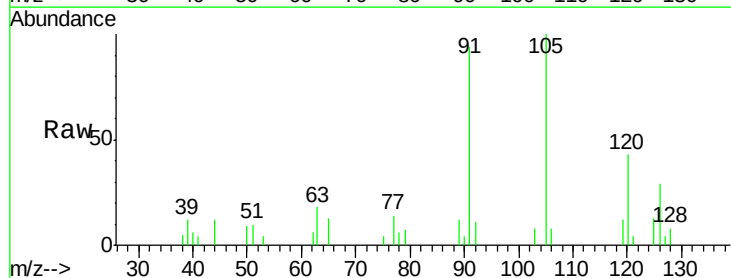
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

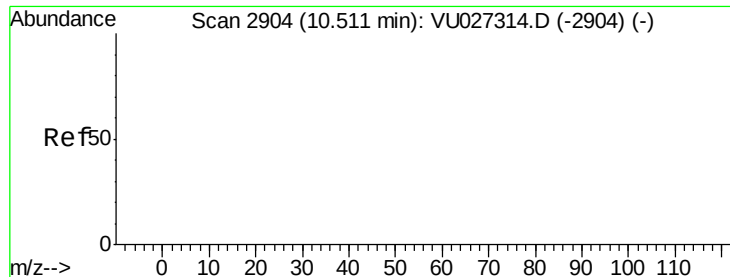
Tgt Ion: 91 Resp: 3806
 Ion Ratio Lower Upper
 91 100
 126 29.5 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 0.831 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Tgt Ion: 105 Resp: 3715
 Ion Ratio Lower Upper
 105 100
 120 42.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 2.950 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

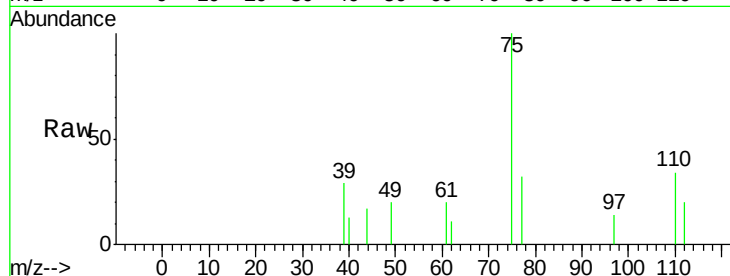
Tgt Ion: 75 Resp: 2412

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

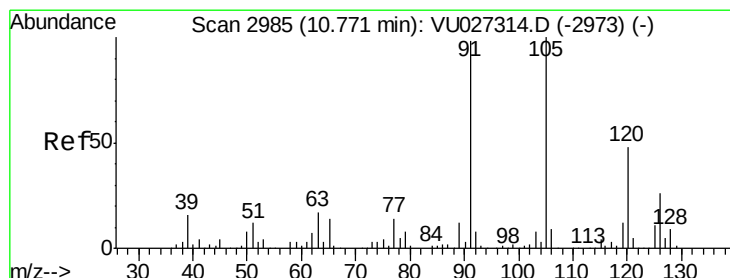
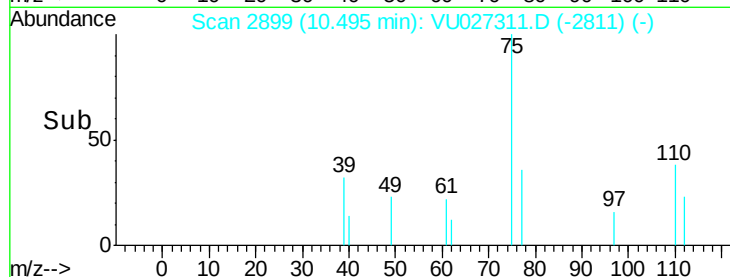
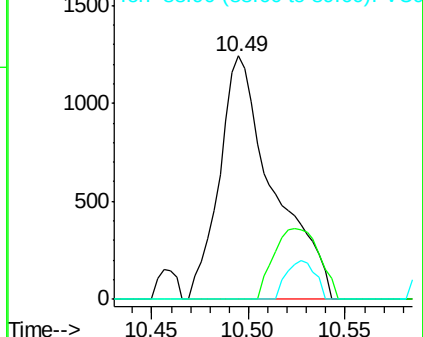
89 0.0 0.0 0.0



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: 0.882 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027311.D

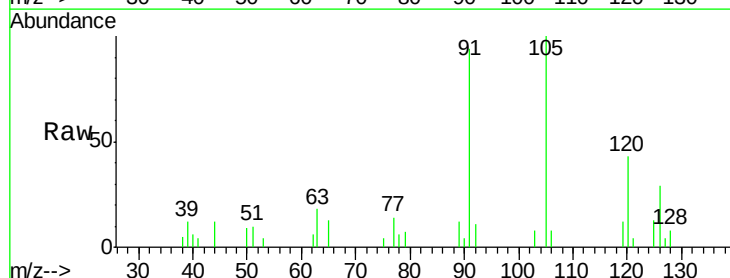
Acq: 01 Oct 2018 10:07

Tgt Ion: 91 Resp: 3985

Ion Ratio Lower Upper

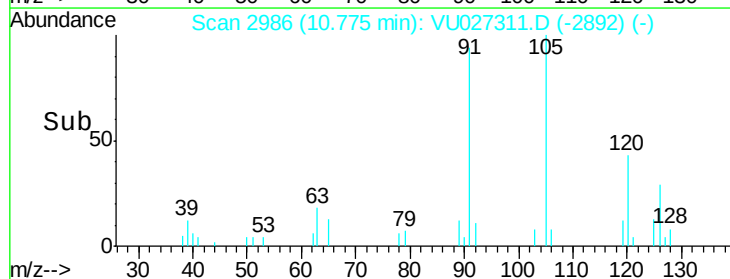
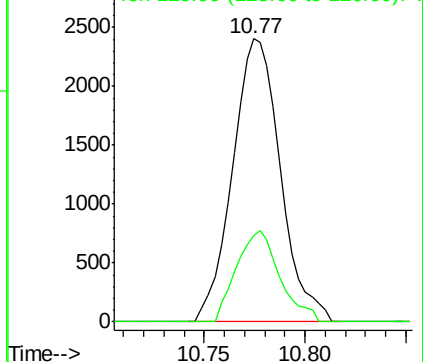
91 100

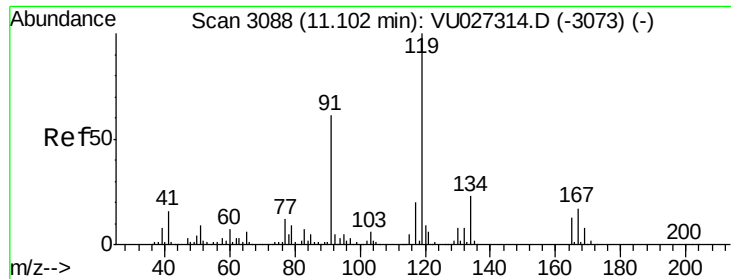
126 29.1 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

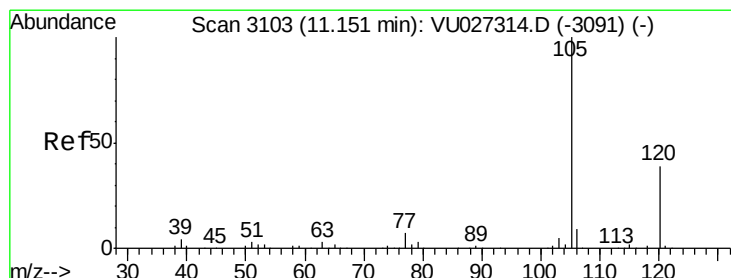
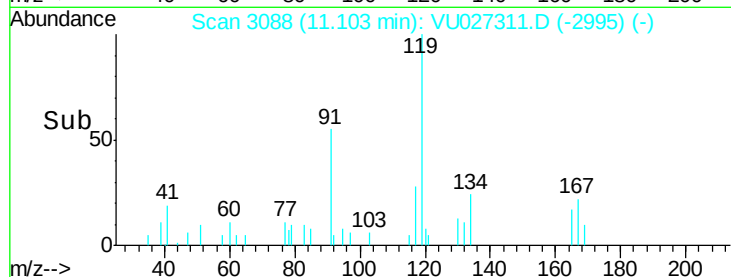
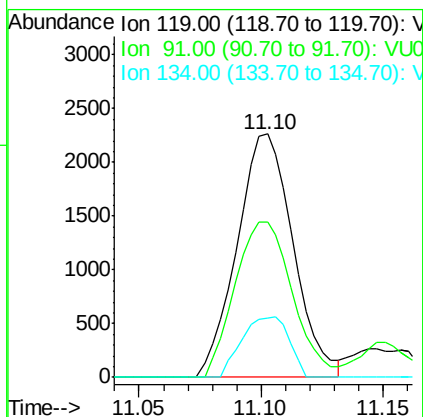
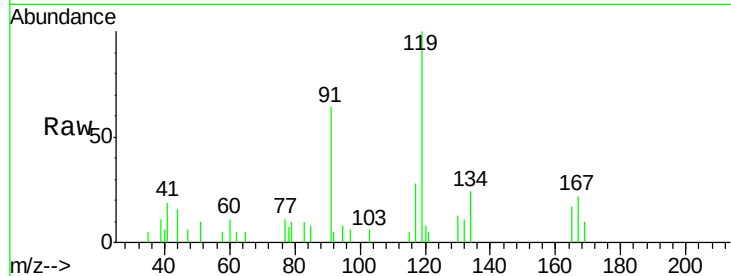




#83
 tert-Butylbenzene
 Concen: 0.836 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

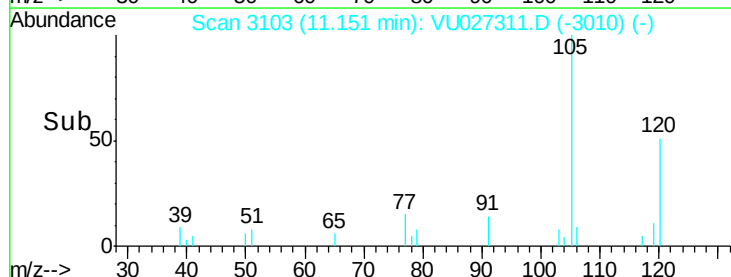
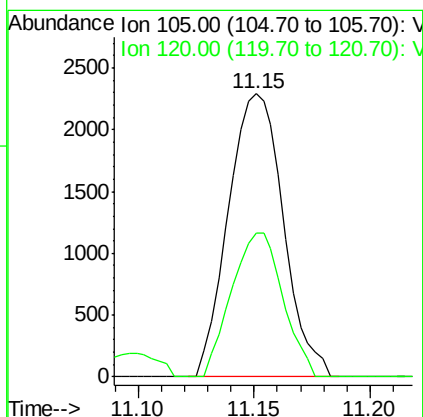
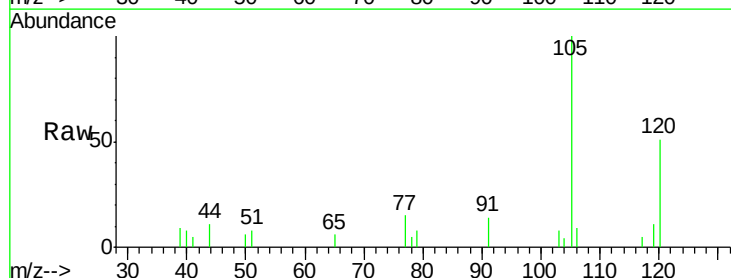
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

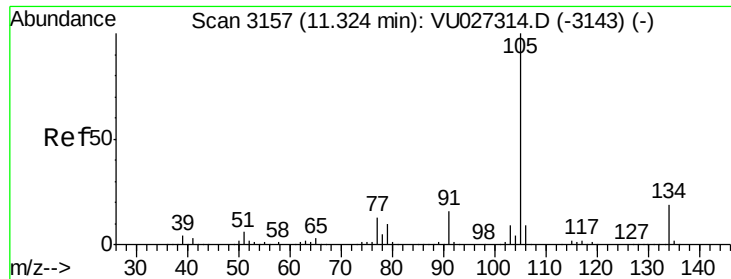
Tgt Ion:119 Resp: 3610
 Ion Ratio Lower Upper
 119 100
 91 65.5 30.3 91.0
 134 20.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.826 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Tgt Ion:105 Resp: 3771
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.1 66.5

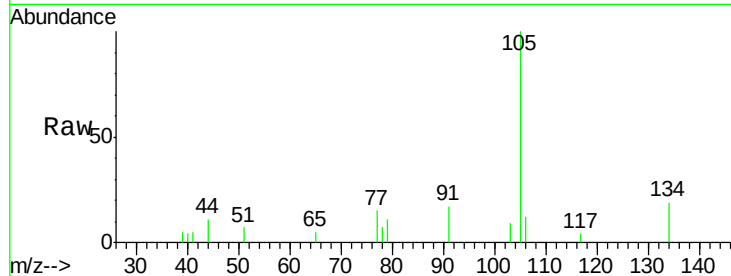




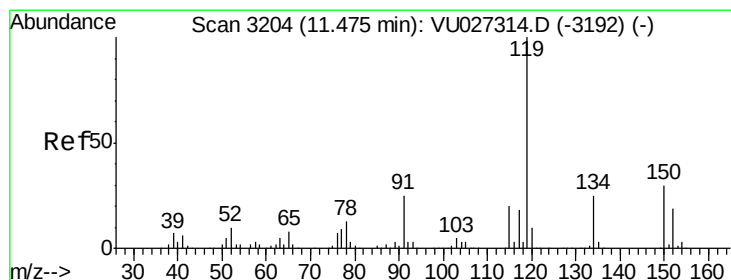
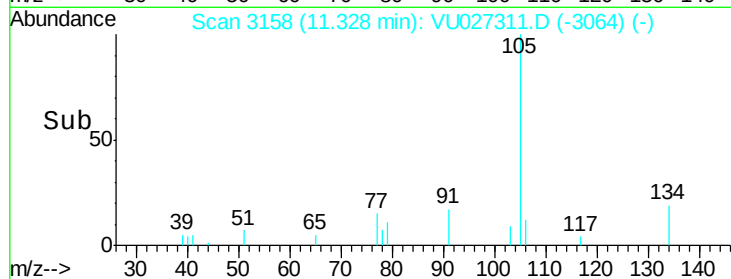
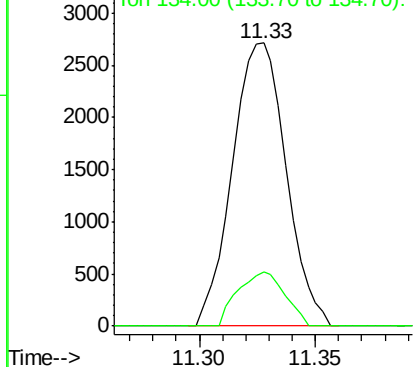
#85
 sec-Butylbenzene
 Concen: 0.801 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 4363
 Ion Ratio Lower Upper
 105 100
 134 16.8 9.6 28.6

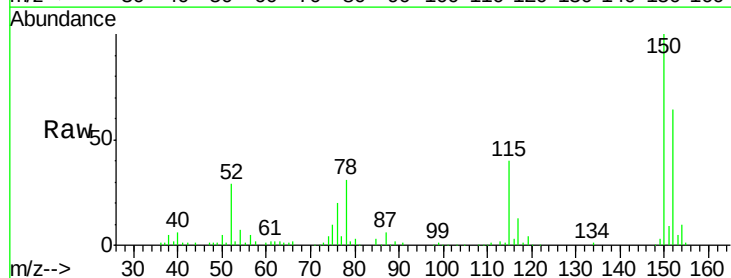


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

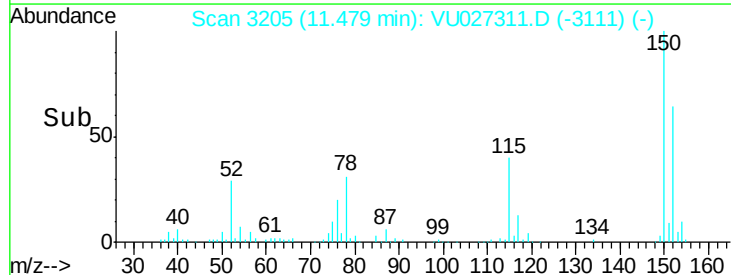
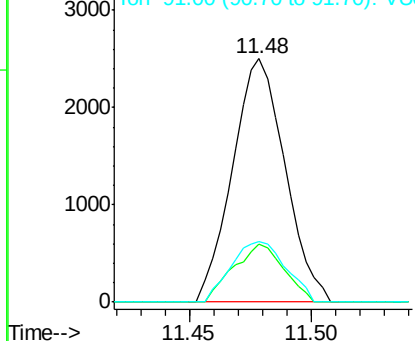


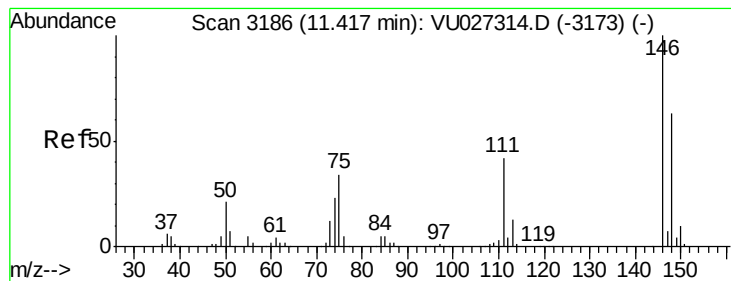
#86
 p-Isopropyltoluene
 Concen: 0.801 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Tgt Ion:119 Resp: 3732
 Ion Ratio Lower Upper
 119 100
 134 22.9 12.7 38.1
 91 26.1 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): V





#87

1,3-Dichlorobenzene

Concen: 1.029 ug/l

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

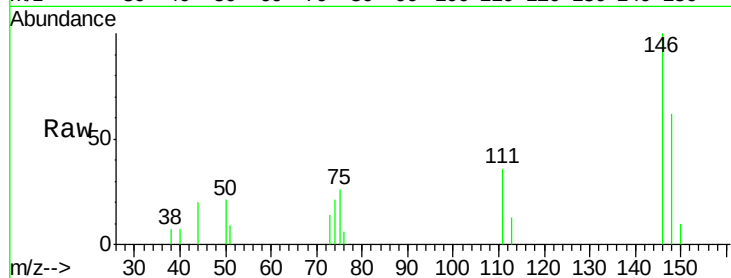
Tgt Ion:146 Resp: 2487

Ion Ratio Lower Upper

146 100

111 38.5 20.8 62.5

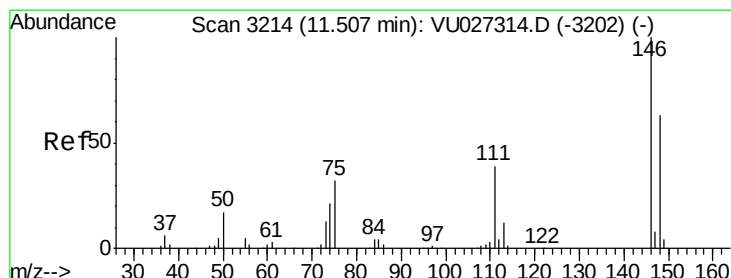
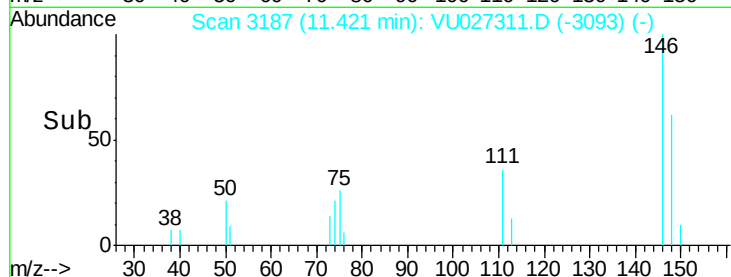
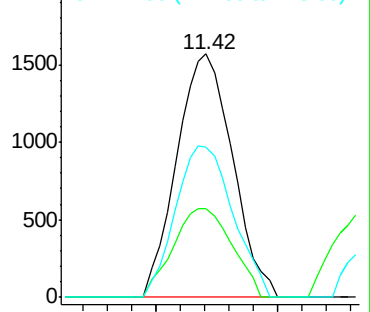
148 64.0 31.6 94.8



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



#88

1,4-Dichlorobenzene

Concen: 1.033 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027311.D

Acq: 01 Oct 2018 10:07

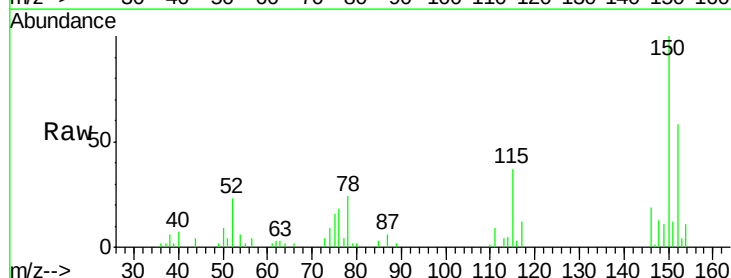
Tgt Ion:146 Resp: 2549

Ion Ratio Lower Upper

146 100

111 46.8 20.4 61.2

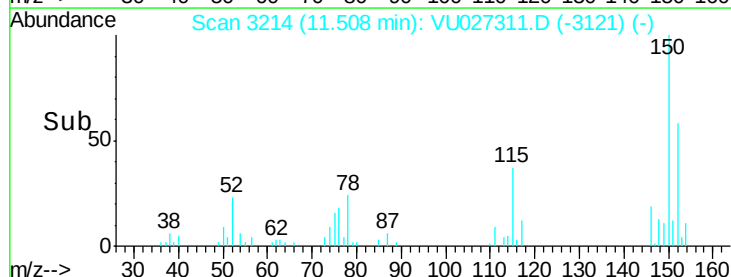
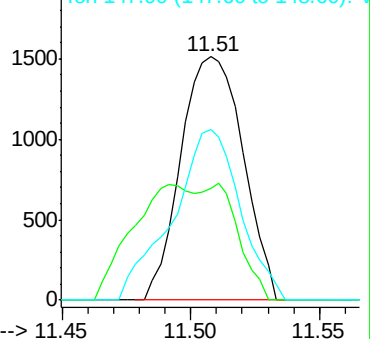
148 76.0 31.9 95.5

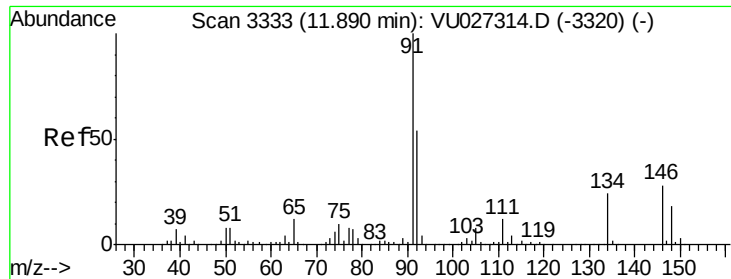


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

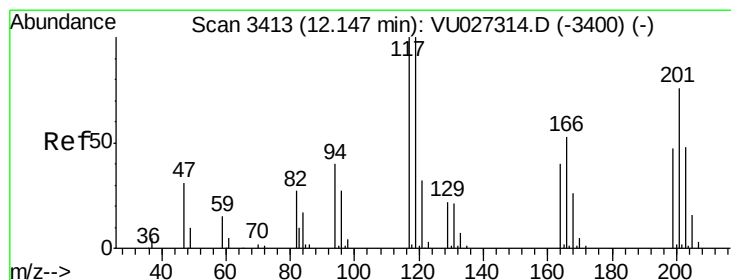
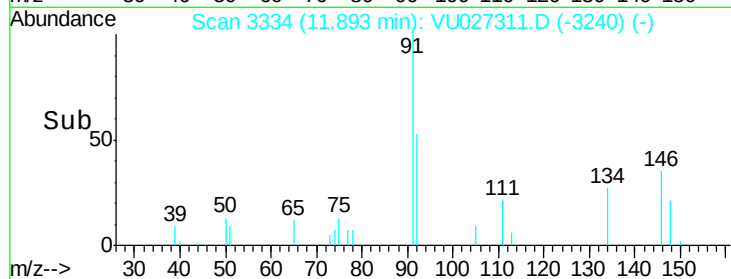
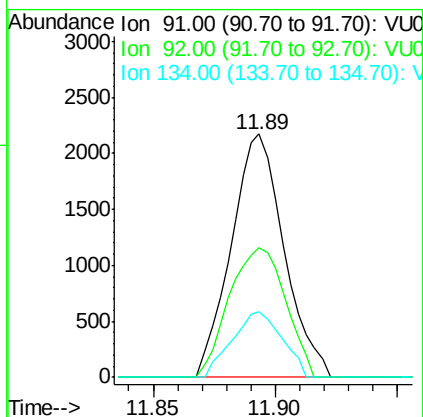
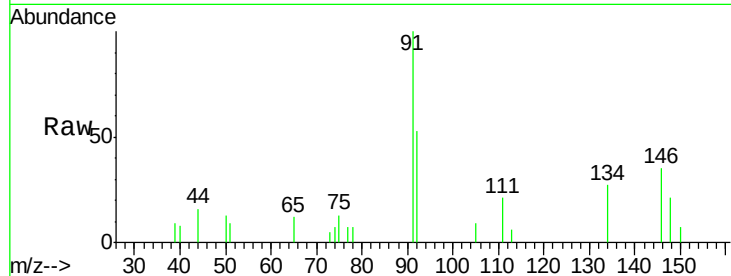




#89
n-Butylbenzene
Concen: 0.748 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

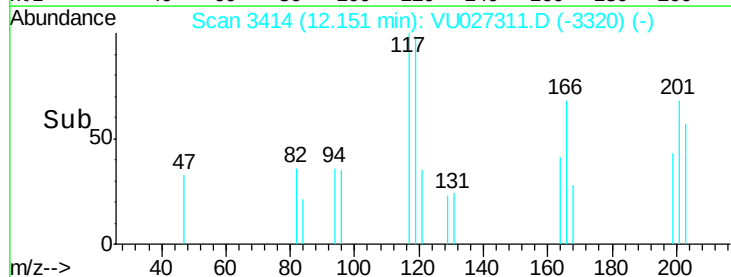
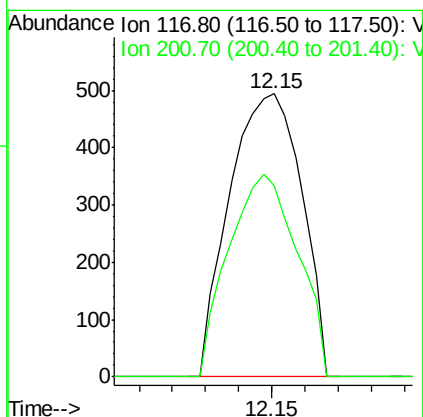
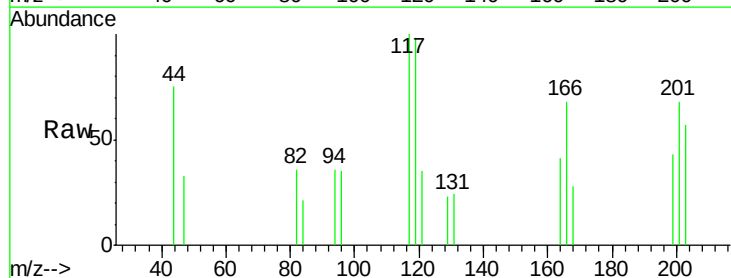
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

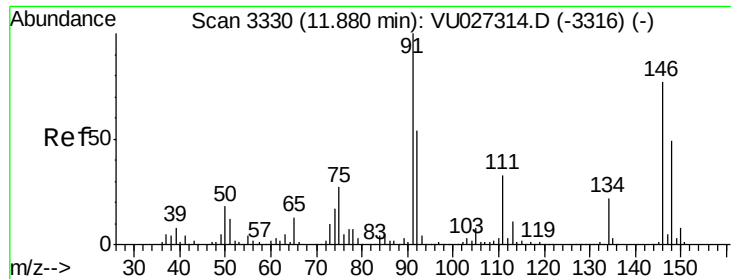
Tgt Ion: 91 Resp: 3253
Ion Ratio Lower Upper
91 100
92 57.1 27.0 81.0
134 25.6 11.7 35.1



#90
Hexachloroethane
Concen: 0.851 ug/l
RT: 12.15 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion: 117 Resp: 748
Ion Ratio Lower Upper
117 100
201 68.6 37.9 113.6

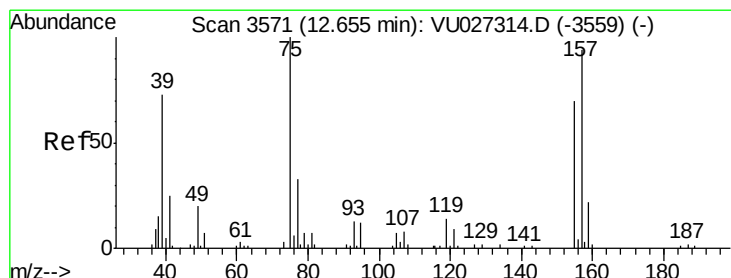
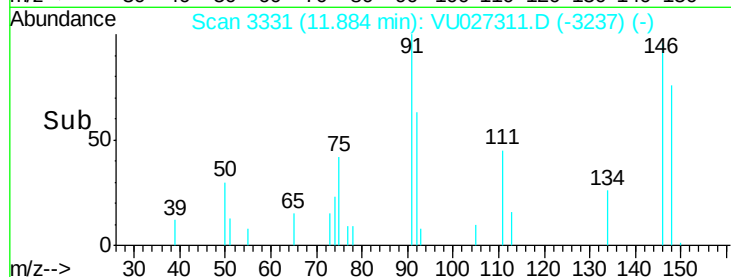
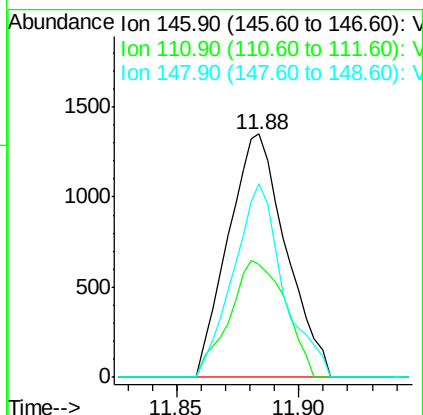
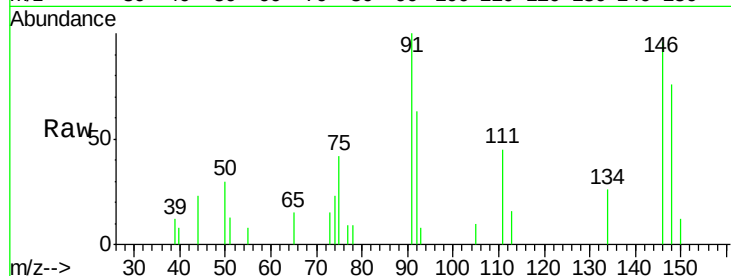




#91
 1,2-Dichlorobenzene
 Concen: 0.942 ug/l
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

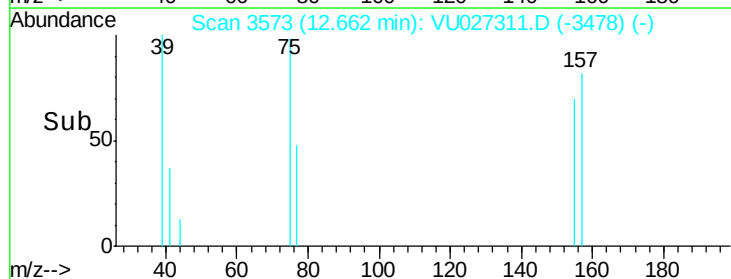
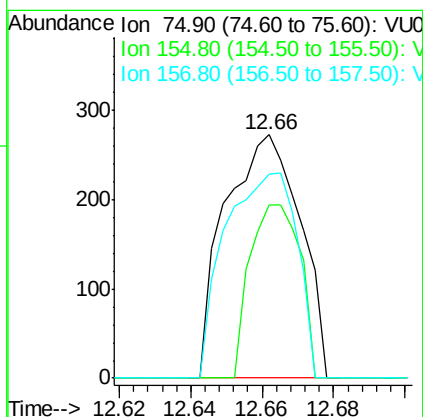
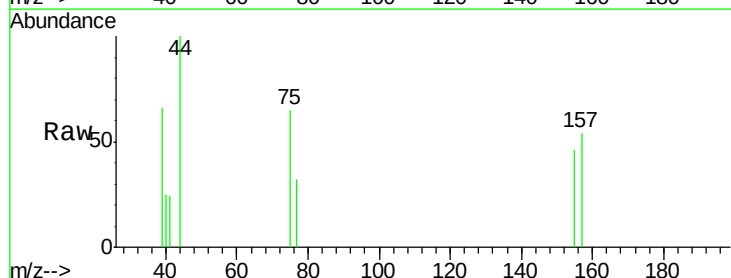
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

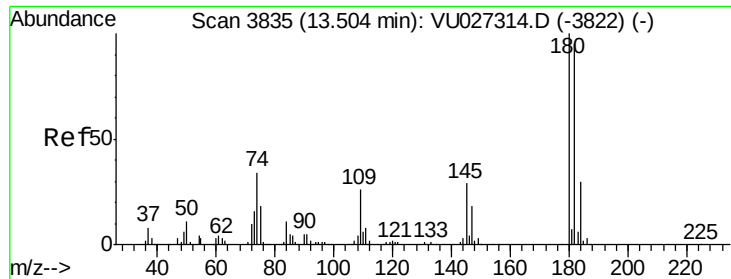
Tgt Ion: 146 Resp: 2215
 Ion Ratio Lower Upper
 146 100
 111 46.4 21.8 65.4
 148 68.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.827 ug/l
 RT: 12.66 min Scan# 3573
 Delta R.T. 0.01 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Tgt Ion: 75 Resp: 395
 Ion Ratio Lower Upper
 75 100
 155 47.6 35.9 107.8
 157 80.5 46.9 140.6

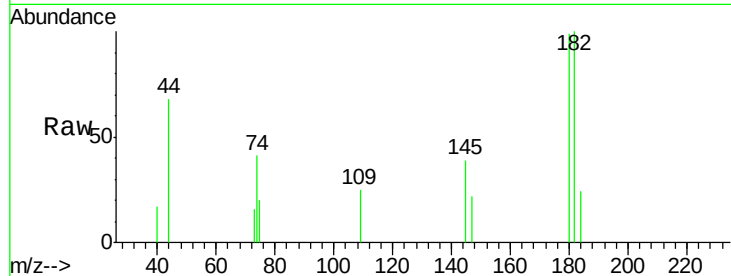




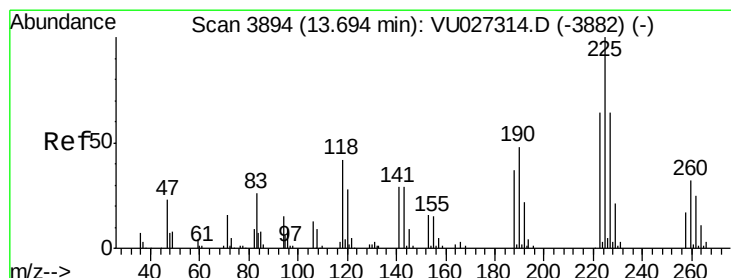
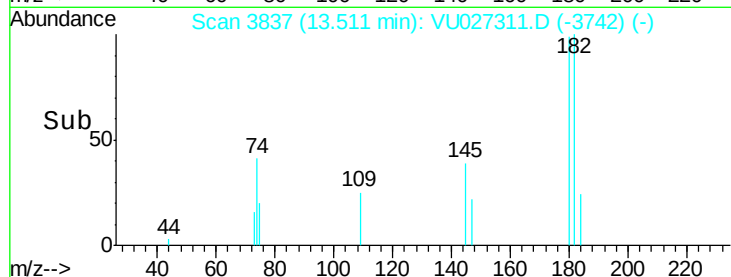
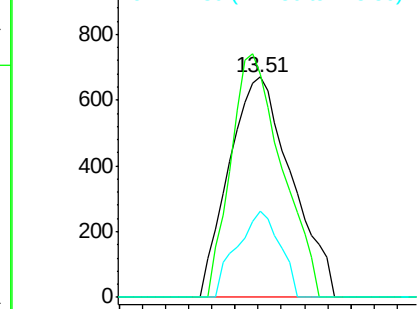
#93
 1,2,4-Trichlorobenzene
 Concen: 0.824 ug/l
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 1254
 Ion Ratio Lower Upper
 180 100
 182 89.8 47.4 142.3
 145 27.0 14.6 44.0

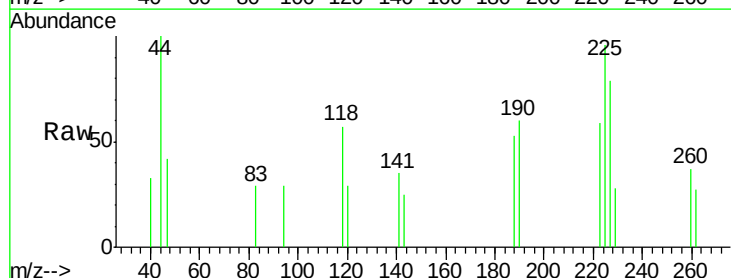


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

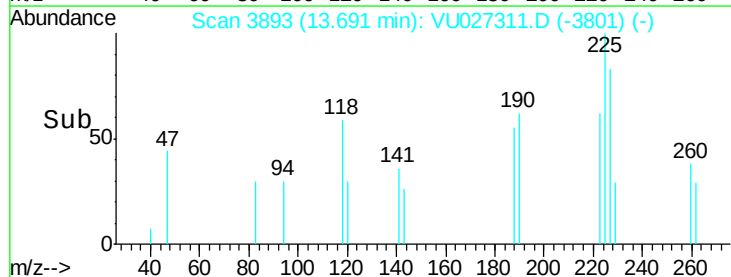
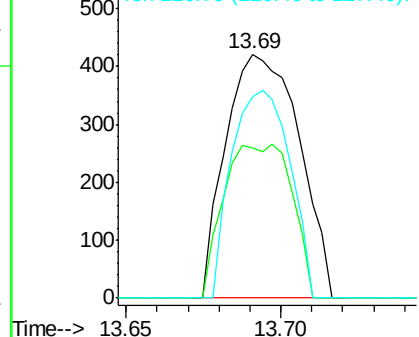


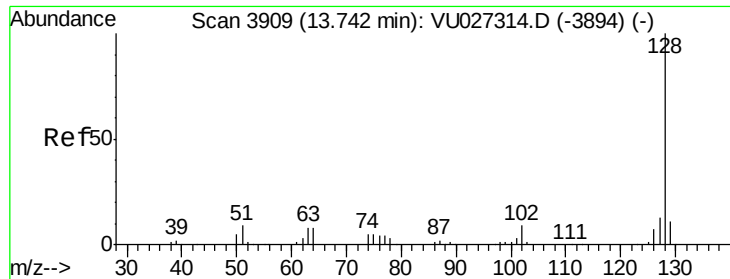
#94
 Hexachlorobutadiene
 Concen: 0.900 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027311.D
 Acq: 01 Oct 2018 10:07

Tgt Ion:225 Resp: 692
 Ion Ratio Lower Upper
 225 100
 223 58.2 31.8 95.3
 227 67.8 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

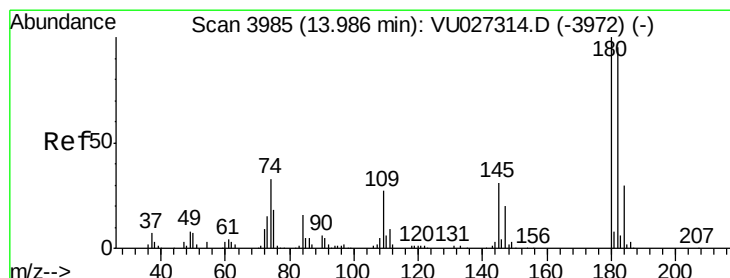
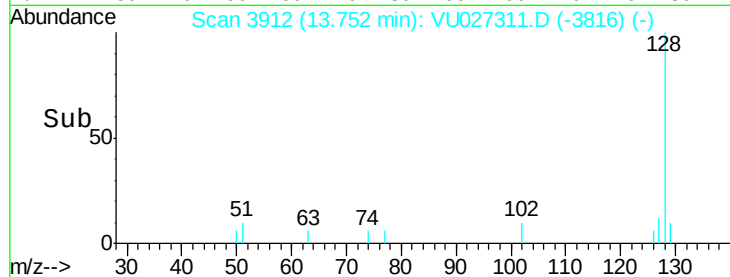
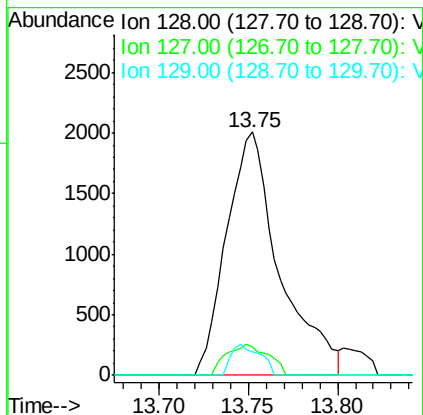
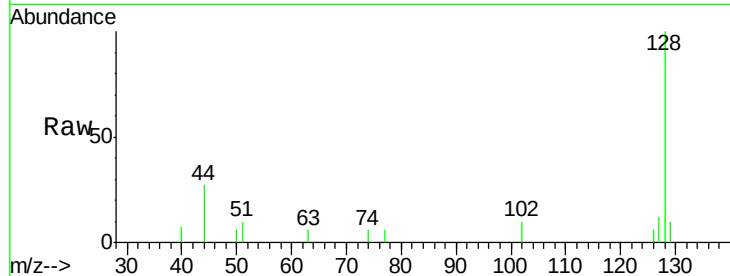




#95
Naphthalene
Concen: 0.813 ug/l
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 4149
Ion Ratio Lower Upper
128 100
127 10.1 10.5 15.7#
129 6.9 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.931 ug/l
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU027311.D
Acq: 01 Oct 2018 10:07

Tgt Ion:180 Resp: 1476
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 21.4 15.9 47.7

