

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070318\
 Data File : VU025183.D
 Acq On : 03 Jul 2018 11:37
 Operator : MD/SY
 Sample : VU0703WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 04:56:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	171250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	255915	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	238058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	138694	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	135371	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.84%		
35) Dibromofluoromethane	4.89	113	112414	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.86%		
50) Toluene-d8	7.57	98	349093	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.12%		
62) 4-Bromofluorobenzene	10.31	95	149926	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.48%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	36565	17.058	ug/l	99
3) Chloromethane	1.33	50	39080	17.845	ug/l	99
4) Vinyl Chloride	1.40	62	43038	19.057	ug/l	99
5) Bromomethane	1.62	94	26062	23.872	ug/l	100
6) Chloroethane	1.69	64	27235	20.969	ug/l	100
7) Trichlorofluoromethane	1.89	101	70517	20.460	ug/l	98
8) Diethyl Ether	2.10	74	27000	21.964	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42933	20.079	ug/l	98
10) Methyl Iodide	2.41	142	36323	23.238	ug/l	96
11) Tert butyl alcohol	2.82	59	76537	112.565	ug/l	98
12) 1,1-Dichloroethene	2.28	96	40285	20.660	ug/l	97
13) Acrolein	2.19	56	13482	37.759	ug/l	96
14) Allyl chloride	2.59	41	66408	18.342	ug/l	99
15) Acrylonitrile	2.93	53	141238	106.764	ug/l	98
16) Acetone	2.32	43	162912	108.455	ug/l	99
17) Carbon Disulfide	2.48	76	101668	16.283	ug/l	99
18) Methyl Acetate	2.62	43	84911	26.368	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	154864	21.128	ug/l	97
20) Methylene Chloride	2.70	84	48924	20.757	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	42502	19.790	ug/l	96
22) Diisopropyl ether	3.57	45	147626	20.569	ug/l	91
23) Vinyl Acetate	3.53	43	617261	96.009	ug/l	98
24) 1,1-Dichloroethane	3.45	63	83914	20.324	ug/l	98
25) 2-Butanone	4.26	43	217193	107.644	ug/l	96
26) 2,2-Dichloropropane	4.23	77	78633	20.057	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	52451	21.243	ug/l	96
28) Bromochloromethane	4.55	49	34807	19.140	ug/l #	82
29) Tetrahydrofuran	4.64	42	129648	103.761	ug/l	94
30) Chloroform	4.68	83	89421	21.398	ug/l	97
31) Cyclohexane	5.00	56	77500	19.951	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	80982	20.956	ug/l	96
36) 1,1-Dichloropropene	5.14	75	61131	20.328	ug/l	96
37) Ethyl Acetate	4.38	43	73535	22.435	ug/l	98
38) Carbon Tetrachloride	5.14	117	70256	21.245	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	76289	20.329	ug/l	94
40) Benzene	5.39	78	181726	21.208	ug/l	100
41) Methacrylonitrile	4.54	41	41021	23.213	ug/l	98
42) 1,2-Dichloroethane	5.41	62	76854	23.549	ug/l	100
43) Isopropyl Acetate	5.55	43	117746	20.783	ug/l	99
44) Trichloroethene	6.19	130	50593	20.746	ug/l	100
45) 1,2-Dichloropropane	6.44	63	49336	21.578	ug/l	99
46) Dibromomethane	6.56	93	35727	22.246	ug/l	96
47) Bromodichloromethane	6.76	83	66986	20.946	ug/l	97
48) Methyl methacrylate	6.63	41	60807	22.041	ug/l	99
49) 1,4-Dioxane	6.62	88	29227	541.729	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	389734	109.495	ug/l	99
52) Toluene	7.64	92	117166	21.253	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	72533	20.197	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	76393	19.963	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	48824	21.787	ug/l	98
56) Ethyl methacrylate	8.02	69	76421	20.375	ug/l	98
57) 1,3-Dichloropropane	8.25	76	82493	21.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	136177	94.769	ug/l	95
59) 2-Hexanone	8.36	43	314525	108.237	ug/l	100
60) Dibromochloromethane	8.48	129	53436	19.122	ug/l	100
61) 1,2-Dibromoethane	8.59	107	54195	21.728	ug/l	98
64) Tetrachloroethene	8.23	164	48941	21.628	ug/l	98
65) Chlorobenzene	9.12	112	134485	22.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	50667	21.929	ug/l	97
67) Ethyl Benzene	9.25	91	230921	21.660	ug/l	97
68) m/p-Xylenes	9.38	106	180993	44.210	ug/l	96
69) o-Xylene	9.78	106	89197	22.015	ug/l	96
70) Styrene	9.80	104	137893	20.710	ug/l	99
71) Bromoform	9.96	173	41536	18.913	ug/l #	97
73) Isopropylbenzene	10.17	105	240607	22.596	ug/l	100
74) N-amyl acetate	10.01	43	98438	19.435	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	81231	22.765	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	95226	31.185	ug/l	85
77) Bromobenzene	10.45	156	61020	22.635	ug/l	94
78) n-propylbenzene	10.59	91	263802	21.031	ug/l	98
79) 2-Chlorotoluene	10.66	91	165079	22.316	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	202287	21.918	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	95226	72.176	ug/l #	100
82) 4-Chlorotoluene	10.78	91	182373	21.182	ug/l	99
83) tert-Butylbenzene	11.10	119	204350	23.018	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	208073	22.122	ug/l	99
85) sec-Butylbenzene	11.33	105	237366	21.359	ug/l	98
86) p-Isopropyltoluene	11.48	119	208257	20.924	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	105970	21.277	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	106520	21.249	ug/l	98
89) n-Butylbenzene	11.89	91	161795	18.310	ug/l	97
90) Hexachloroethane	12.15	117	35164	18.111	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	110374	22.125	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19982	20.295	ug/l	94

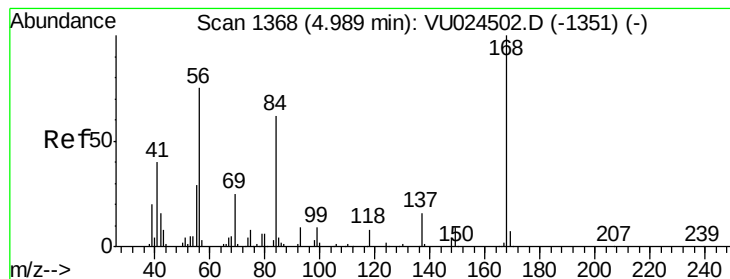
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	64828	21.044	ug/l	99
94) Hexachlorobutadiene	13.70	225	36914	21.290	ug/l	97
95) Naphthalene	13.75	128	217581	21.725	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	67449	21.973	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

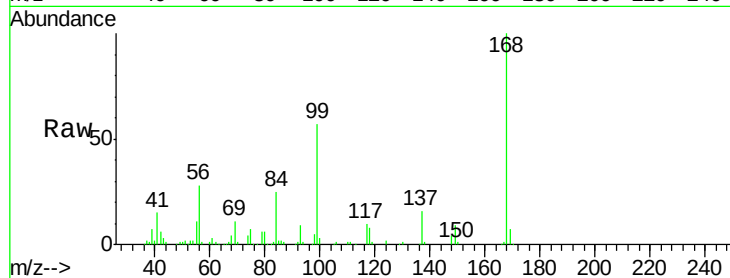
ClientSampleId :

Tot Ion:168 Resp: 171250

Ion Ratio Lower Upper

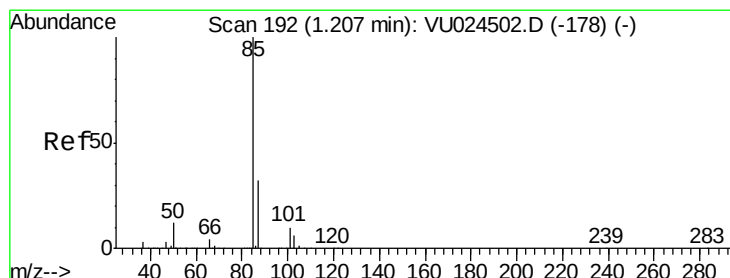
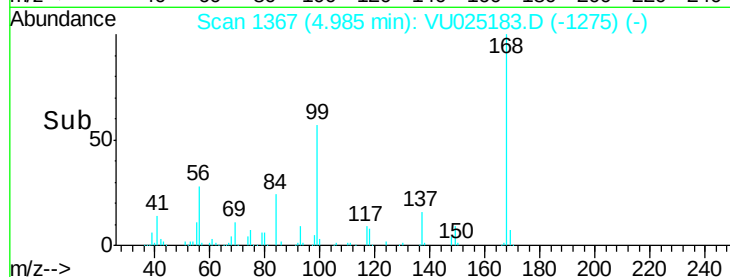
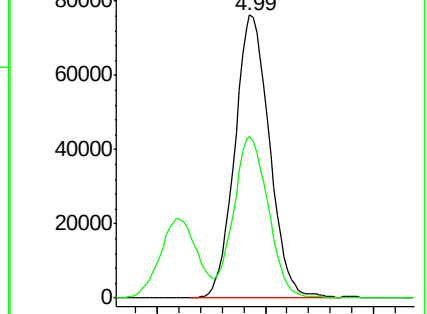
168 100

99 56.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 17.058 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025183.D

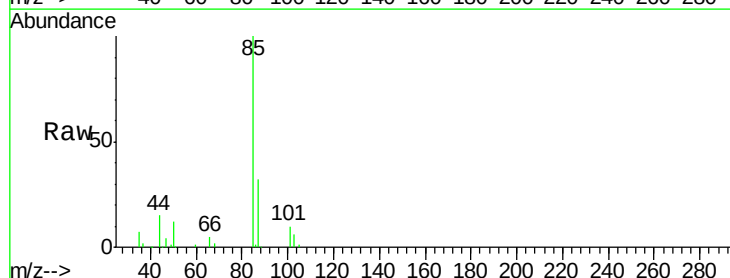
Acq: 03 Jul 2018 11:37

Tgt Ion: 85 Resp: 36565

Ion Ratio Lower Upper

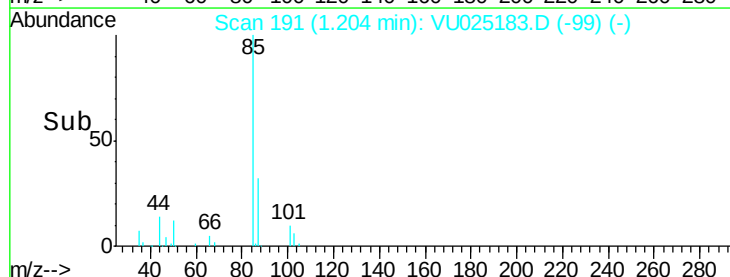
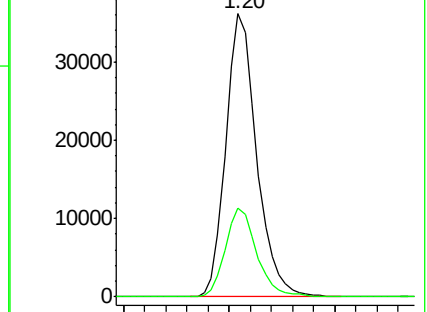
85 100

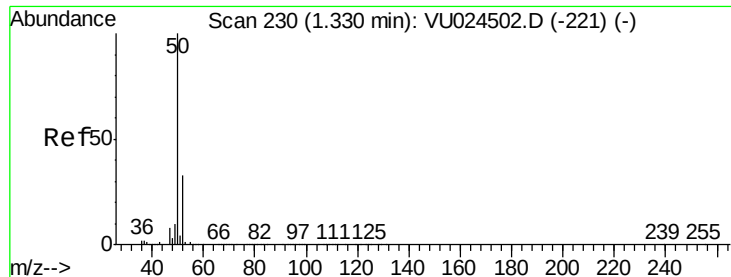
87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 17.845 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

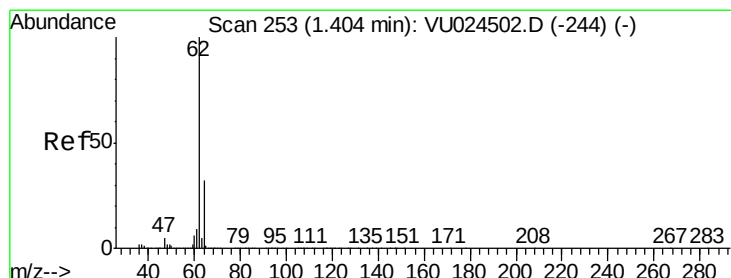
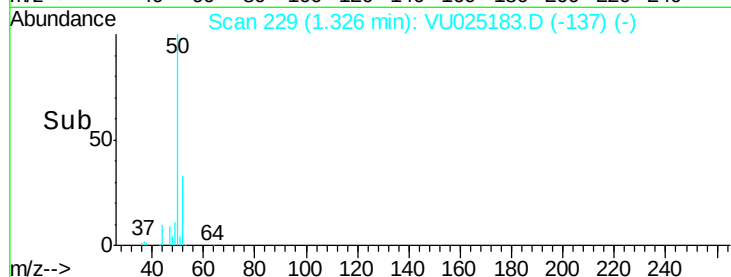
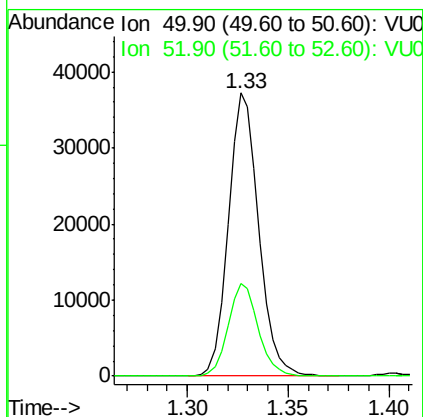
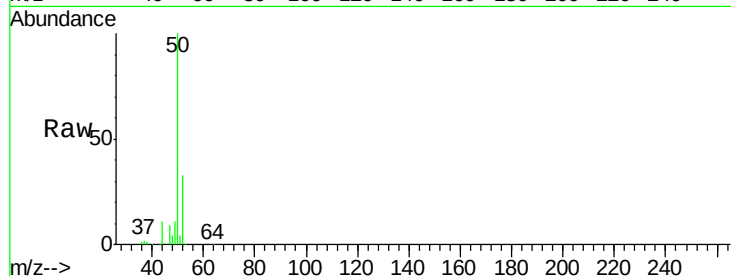
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 39080

Ion Ratio Lower Upper

50 100

52 32.6 26.4 39.6



#4

Vinyl Chloride

Concen: 19.057 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025183.D

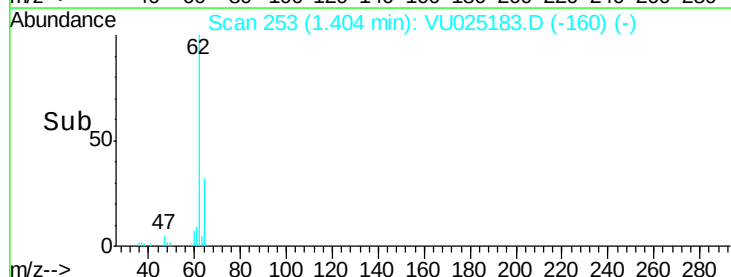
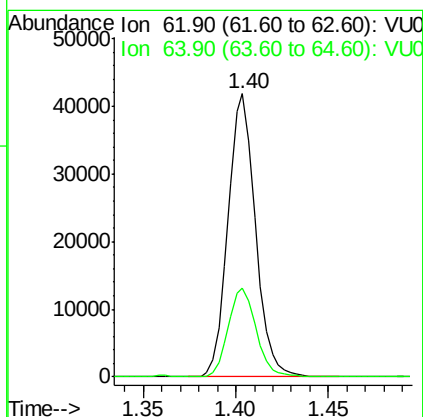
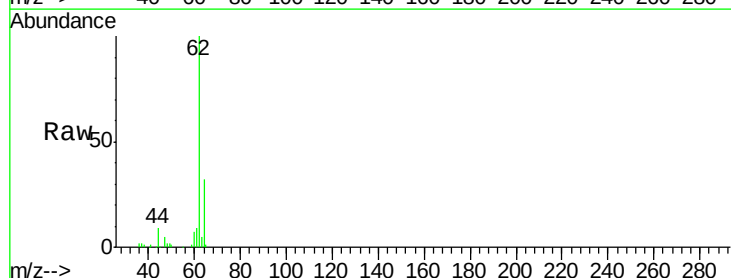
Acq: 03 Jul 2018 11:37

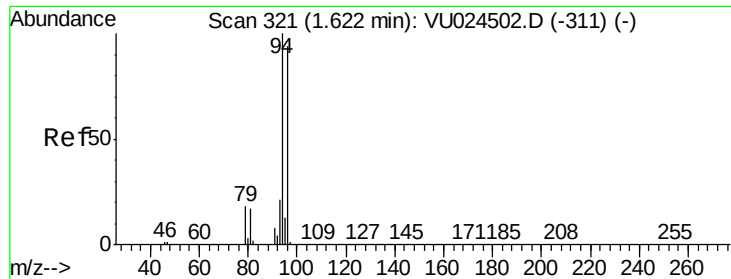
Tgt Ion: 62 Resp: 43038

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 23.872 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

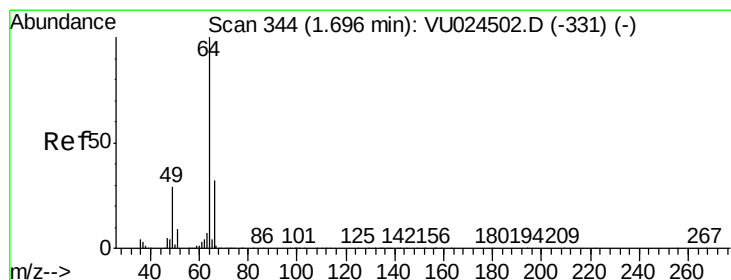
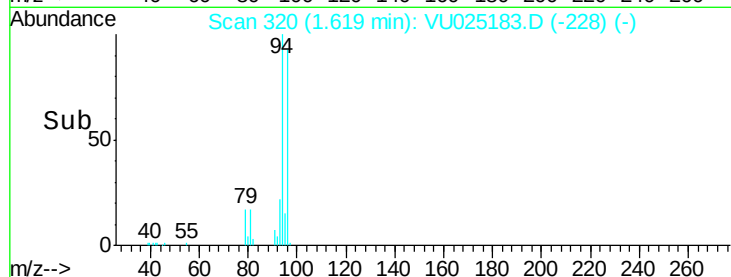
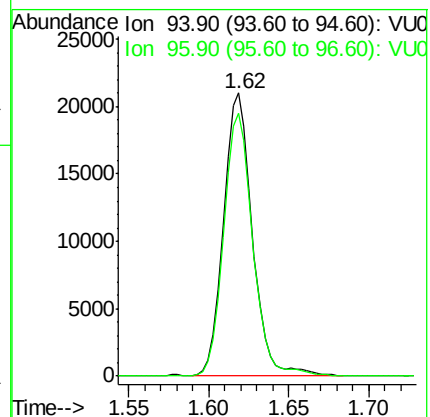
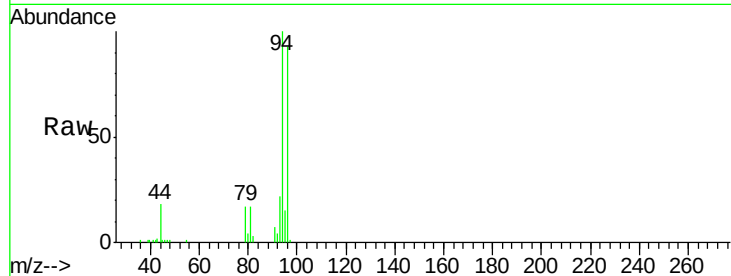
ClientSampleId :

Tot Ion: 94 Resp: 26062

Ion Ratio Lower Upper

94 100

96 92.8 74.5 111.7



#6

Chloroethane

Concen: 20.969 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025183.D

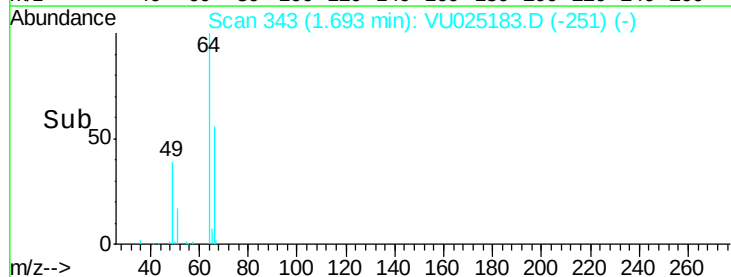
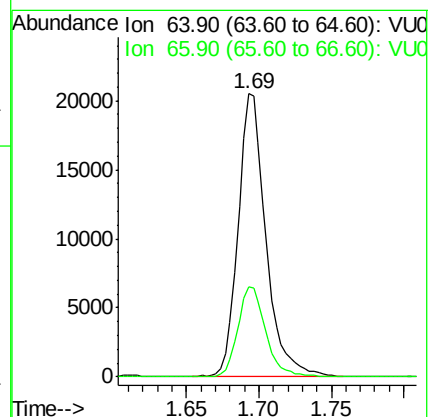
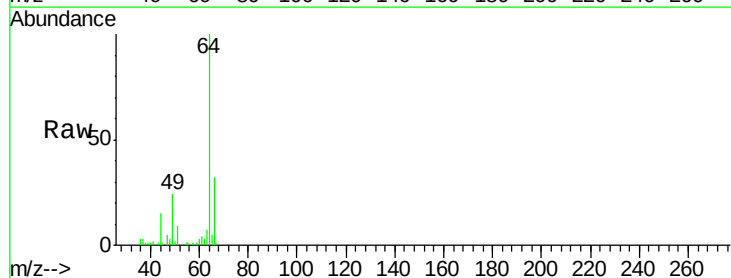
Acq: 03 Jul 2018 11:37

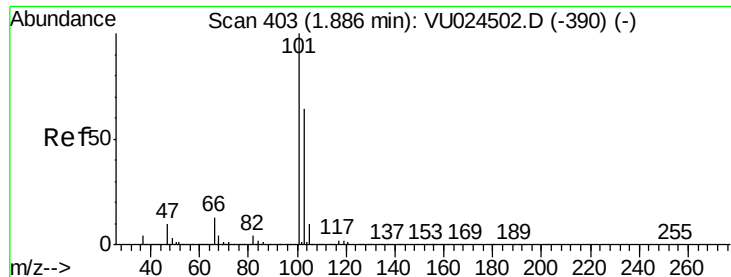
Tgt Ion: 64 Resp: 27235

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



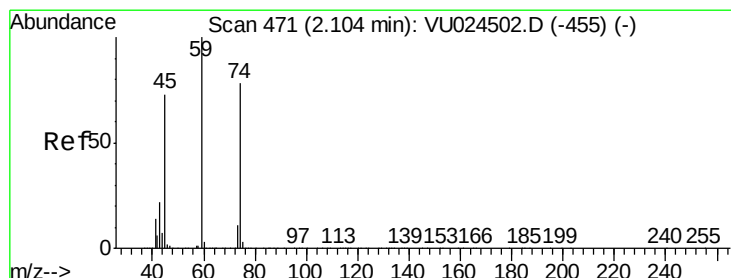
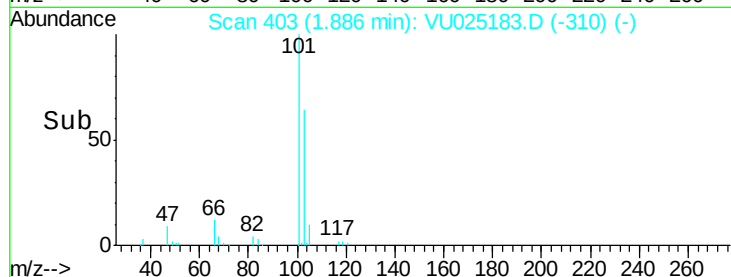
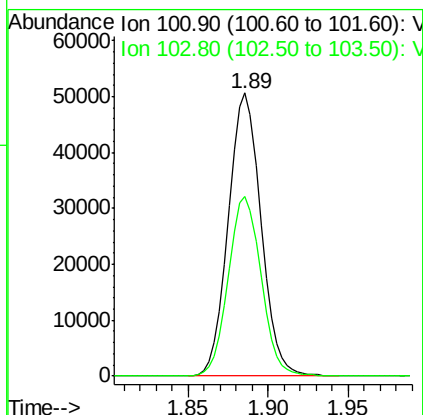
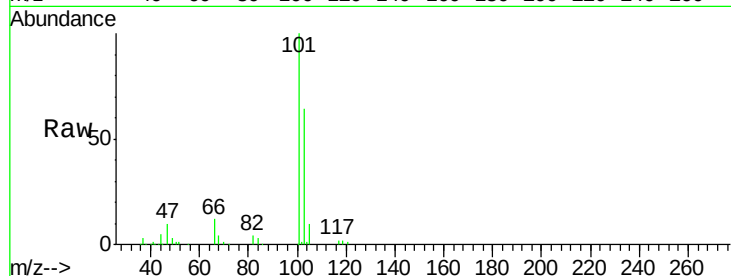


#7

Trichlorofluoromethane
Concen: 20.460 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :

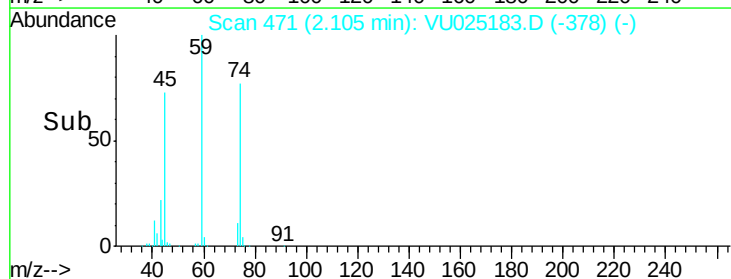
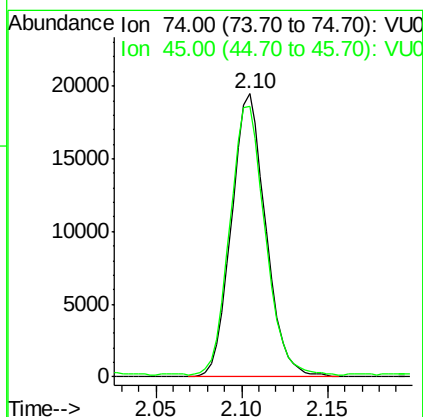
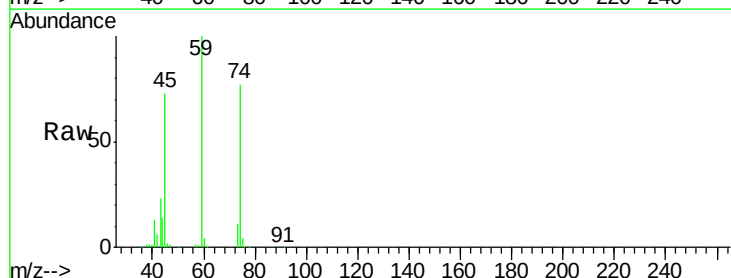
Tot Ion:101 Resp: 70517
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5

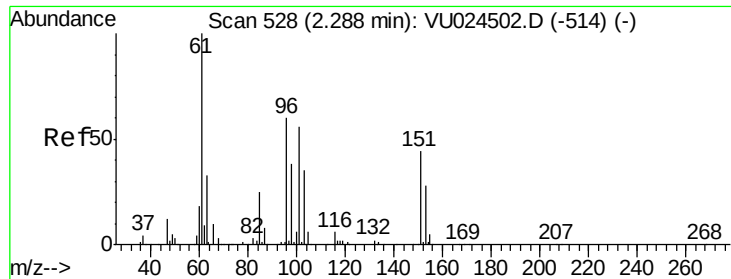


#8

Diethyl Ether
Concen: 21.964 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 74 Resp: 27000
Ion Ratio Lower Upper
74 100
45 97.6 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.079 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

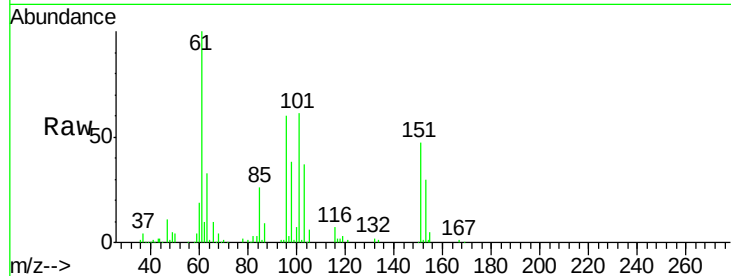
Tot Ion:101 Resp: 42933

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

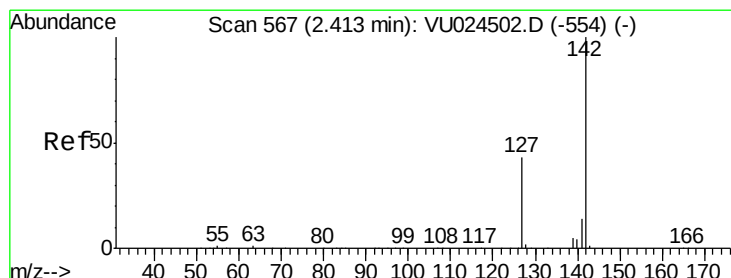
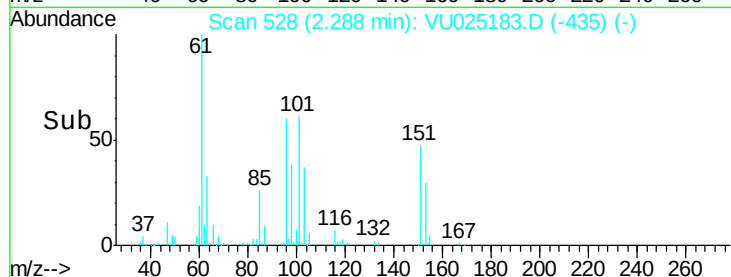
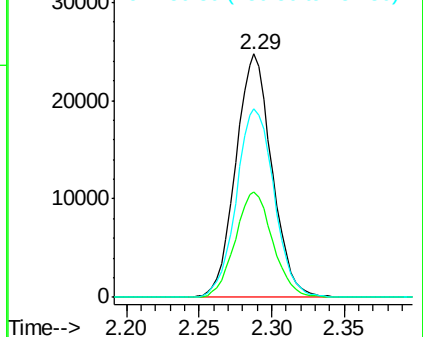
151 80.9 62.3 93.5



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: 23.238 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

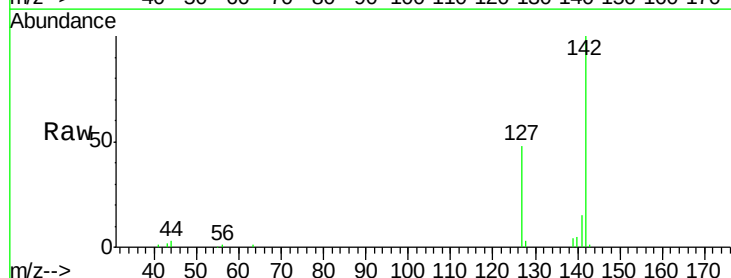
Tgt Ion:142 Resp: 36323

Ion Ratio Lower Upper

142 100

127 47.7 35.6 53.4

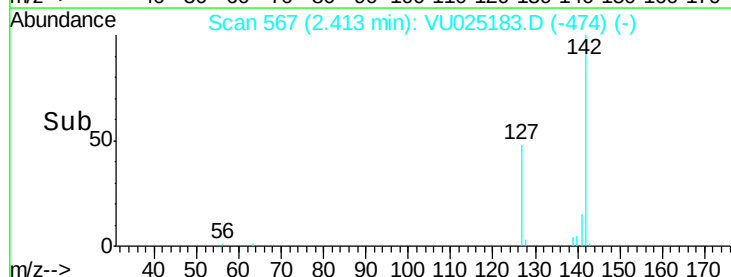
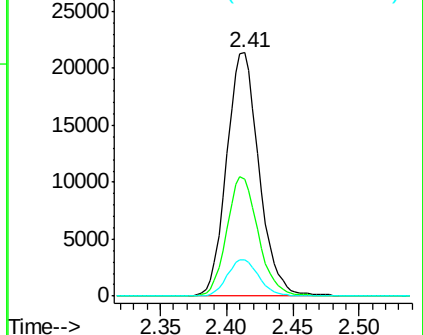
141 14.4 11.7 17.5

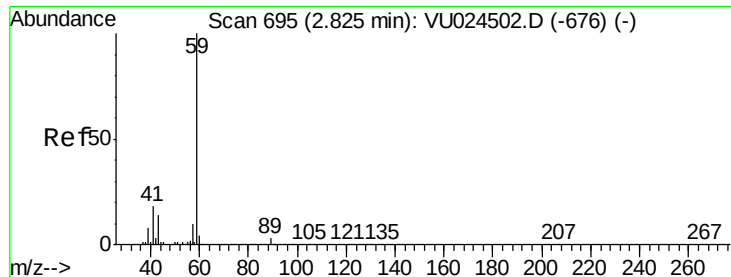


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



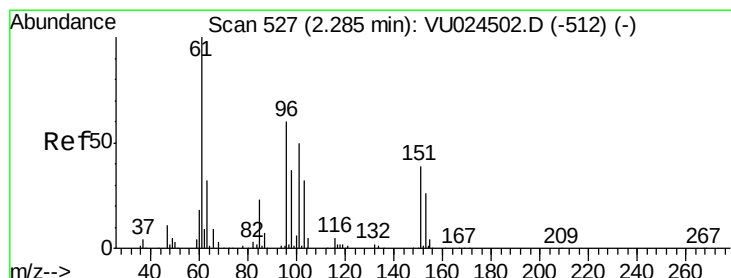
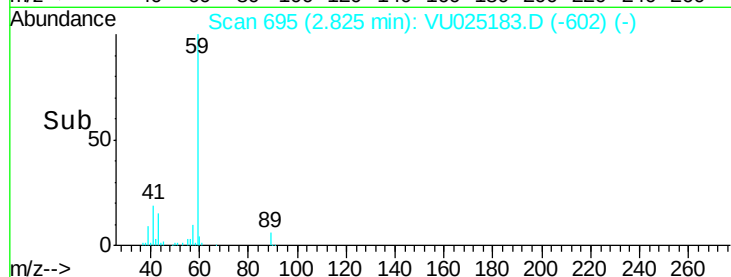
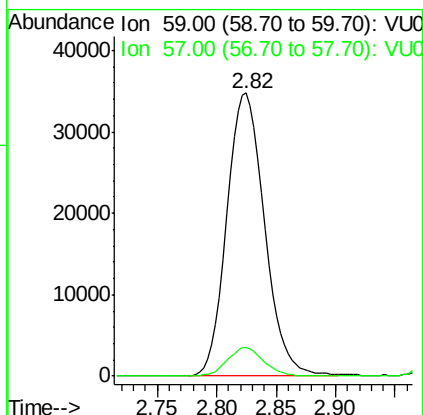
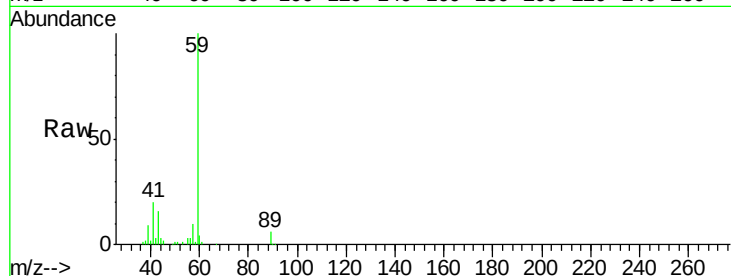


#11

Tert butyl alcohol
 Concen: 112.565 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :

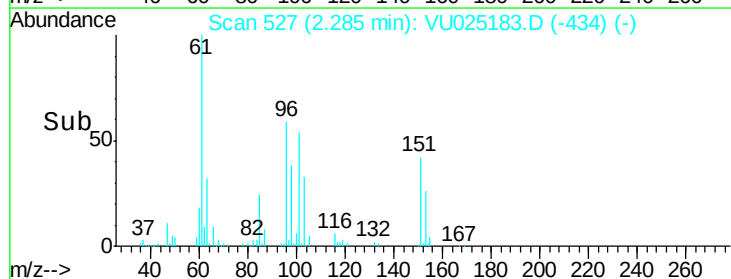
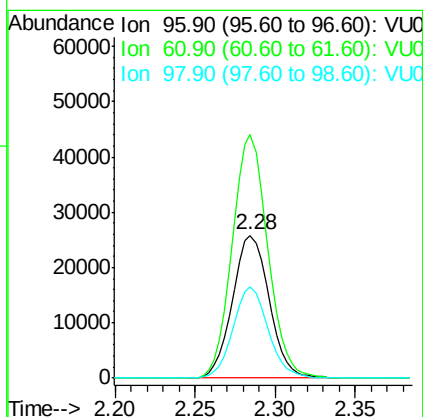
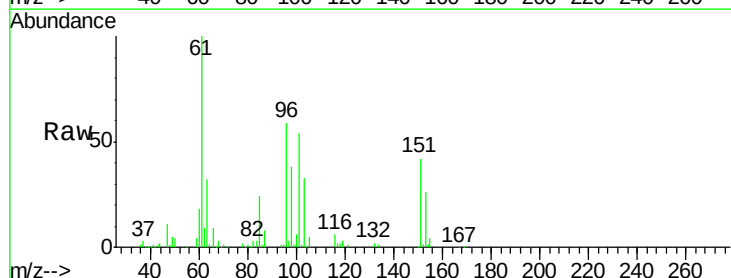
Tot Ion: 59 Resp: 76537
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.5 12.7

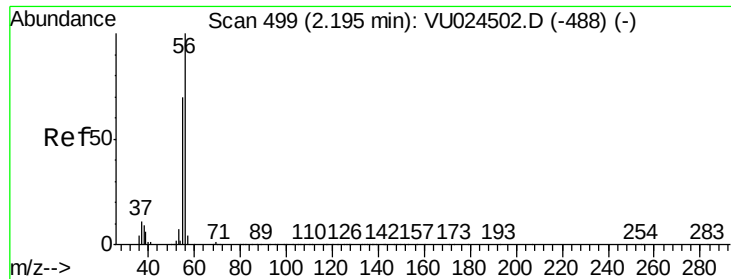


#12

1,1-Dichloroethene
 Concen: 20.660 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion: 96 Resp: 40285
 Ion Ratio Lower Upper
 96 100
 61 170.7 141.7 212.5
 98 64.3 51.6 77.4





#13

Acrolein

Concen: 37.759 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

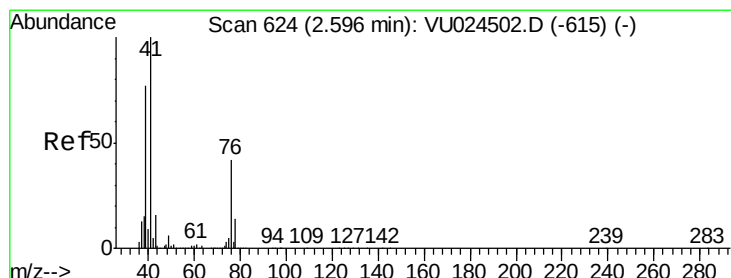
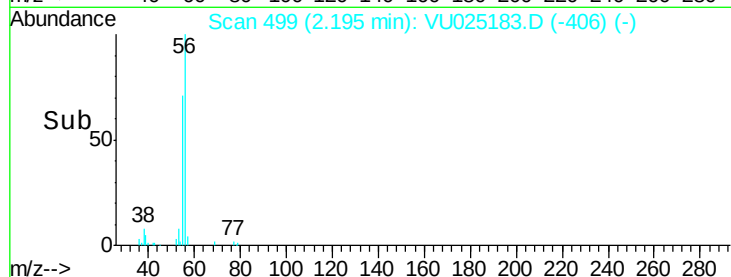
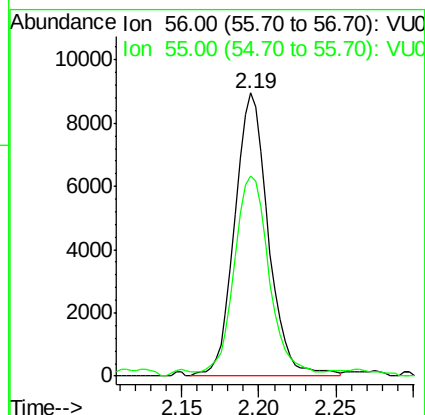
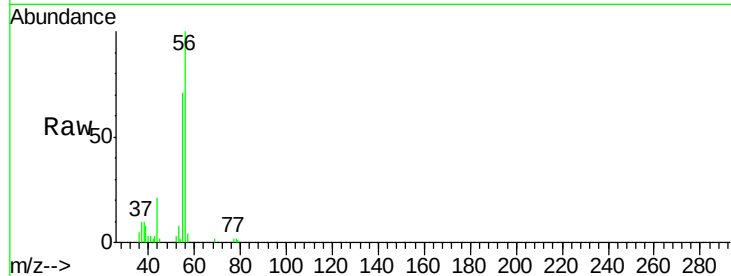
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 13482

Ion Ratio Lower Upper

56 100

55 69.4 58.4 87.6



#14

Allyl chloride

Concen: 18.342 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

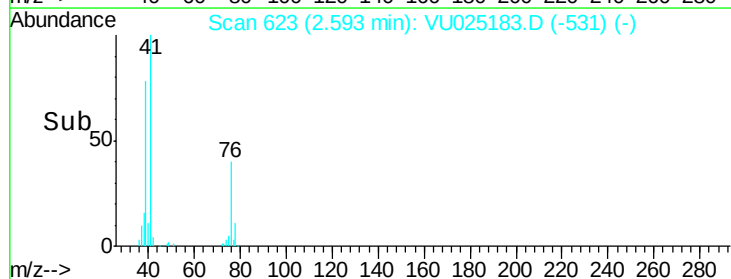
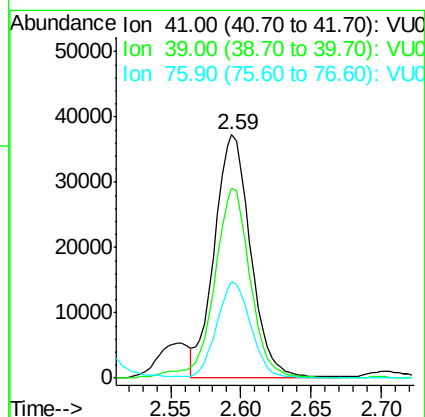
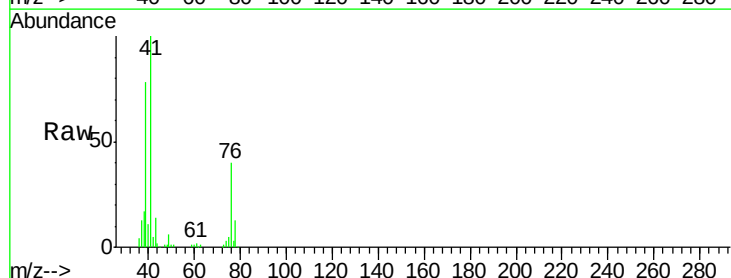
Tgt Ion: 41 Resp: 66408

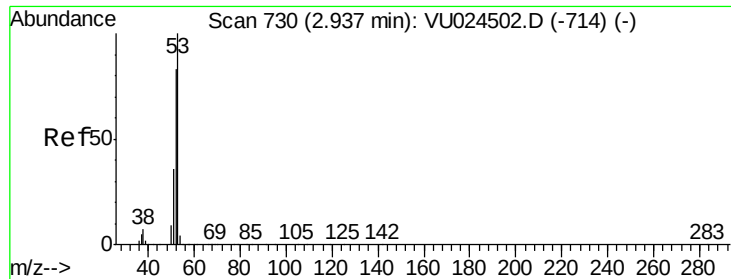
Ion Ratio Lower Upper

41 100

39 77.8 61.6 92.4

76 37.4 29.7 44.5

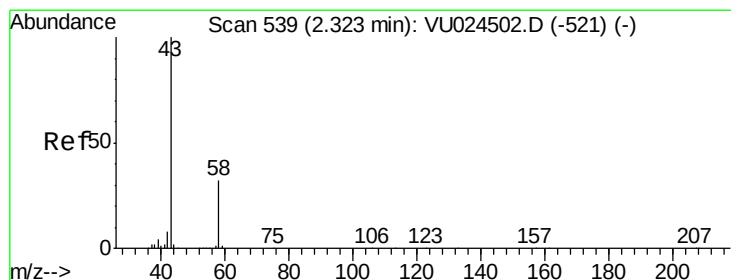
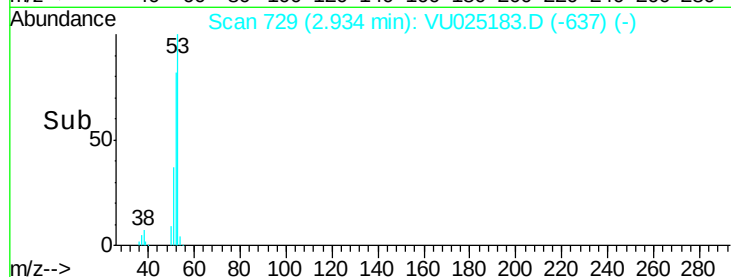
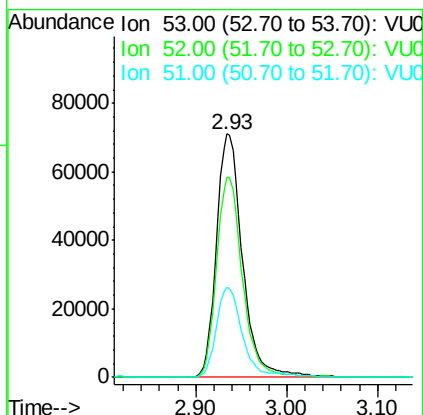
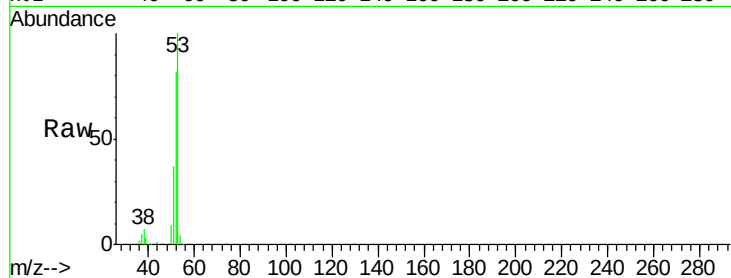




#15
 Acrylonitrile
 Concen: 106.764 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

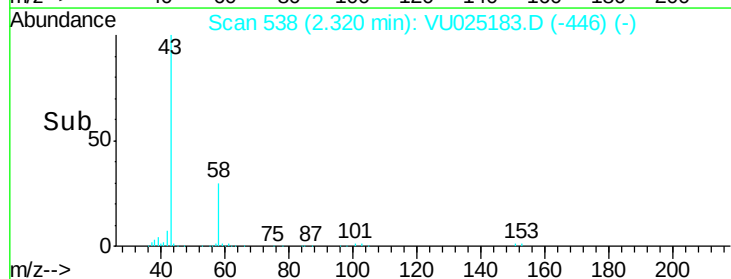
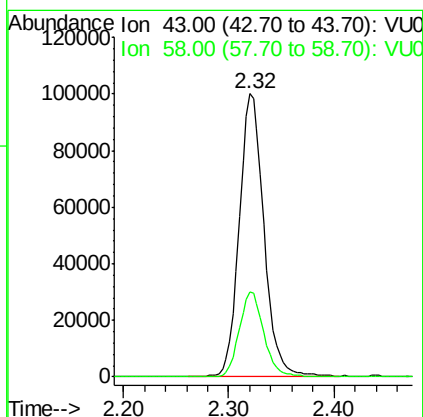
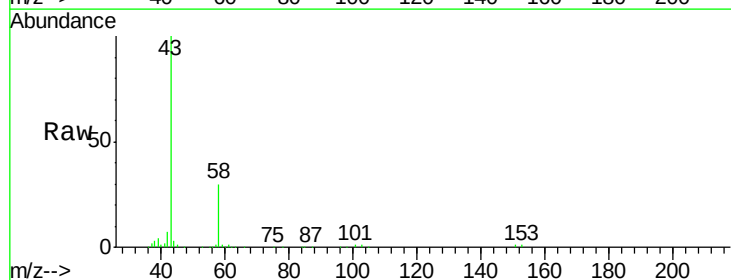
Instrument :
 MSVOA_U
 ClientSampleId :

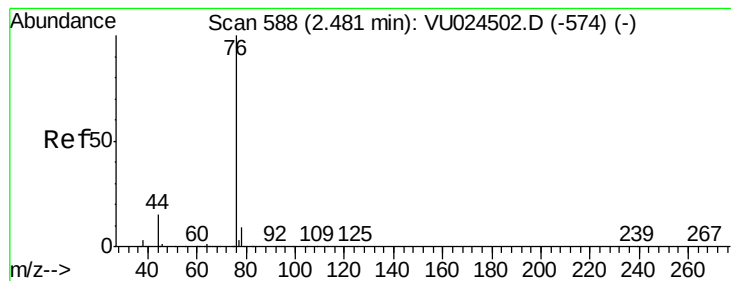
Tot Ion	53	Resp	141238
Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.1	100.7
51	36.0	28.4	42.6



#16
 Acetone
 Concen: 108.455 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	43	Resp	162912
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.4	36.6





#17

Carbon Disulfide

Concen: 16.283 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

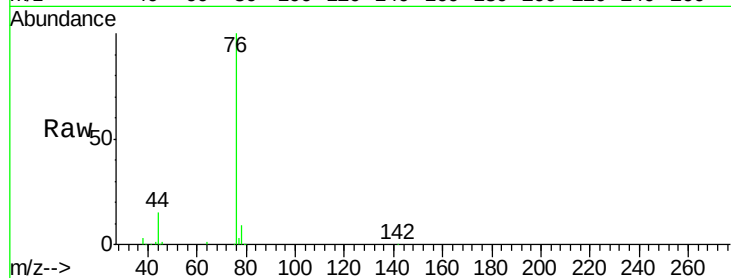
ClientSampleId :

Tot Ion: 76 Resp: 101668

Ion Ratio Lower Upper

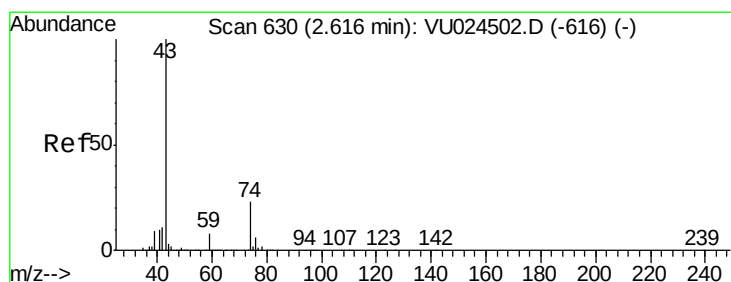
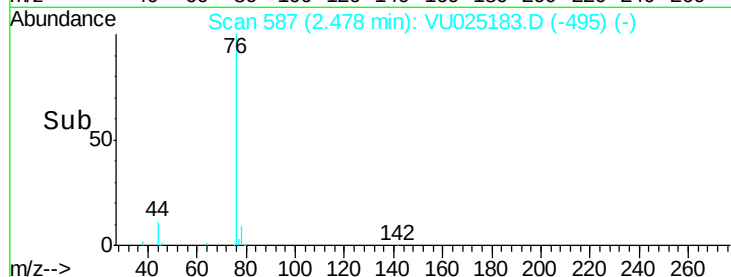
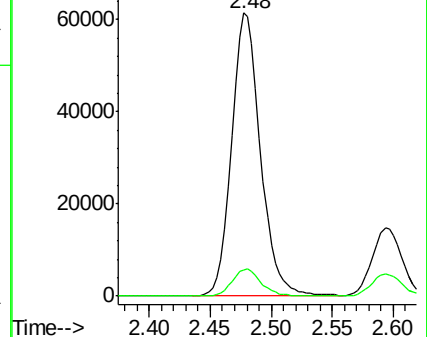
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU024502.D (-574) (-)

Ion 77.90 (77.60 to 78.60): VU024502.D (-574) (-)



#18

Methyl Acetate

Concen: 26.368 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025183.D

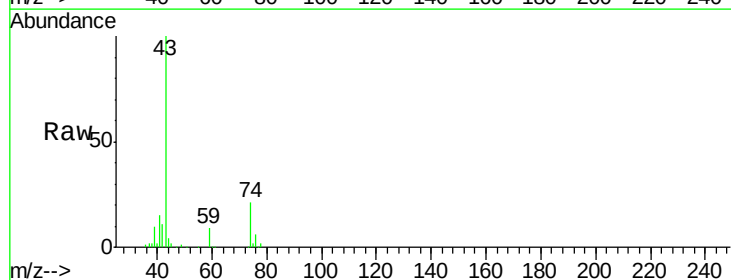
Acq: 03 Jul 2018 11:37

Tgt Ion: 43 Resp: 84911

Ion Ratio Lower Upper

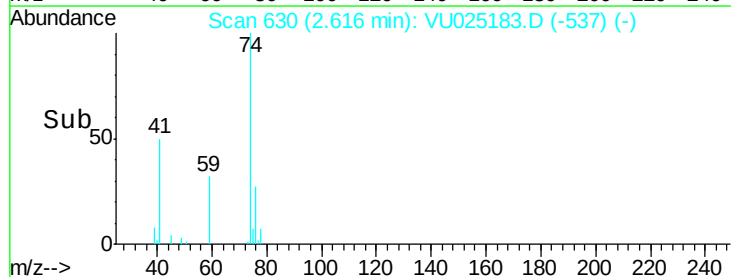
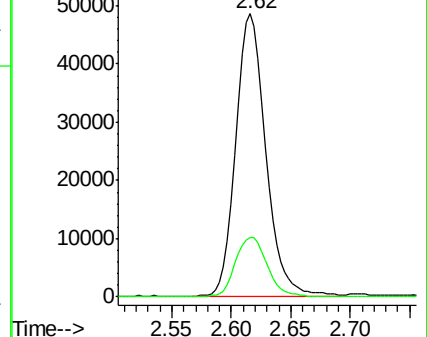
43 100

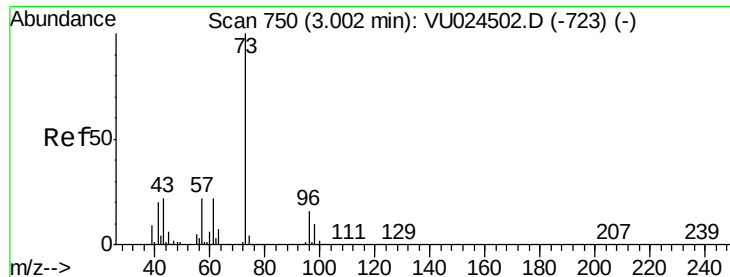
74 22.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-616) (-)

Ion 74.00 (73.70 to 74.70): VU024502.D (-616) (-)



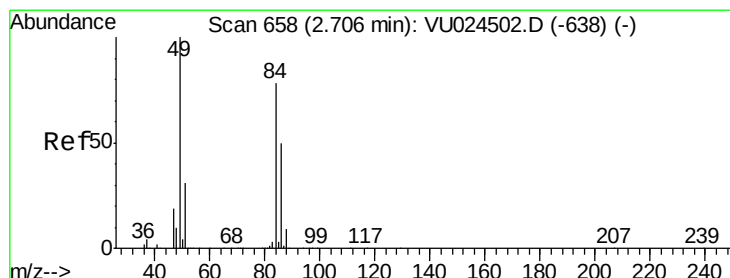
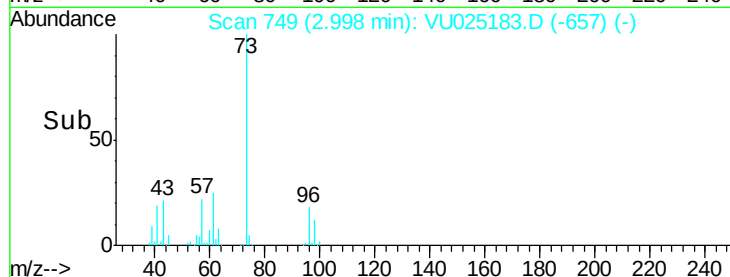
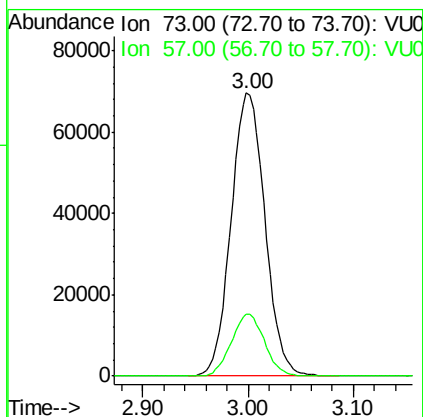
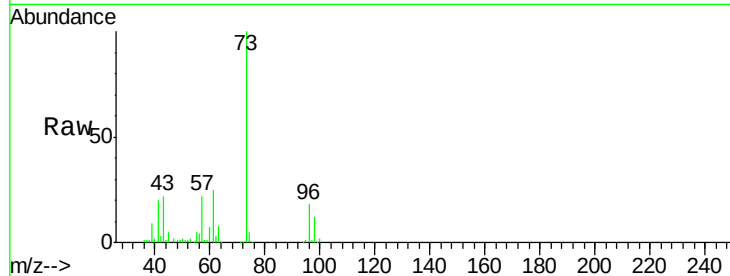


#19

Methyl tert-butyl Ether
 Concen: 21.128 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :

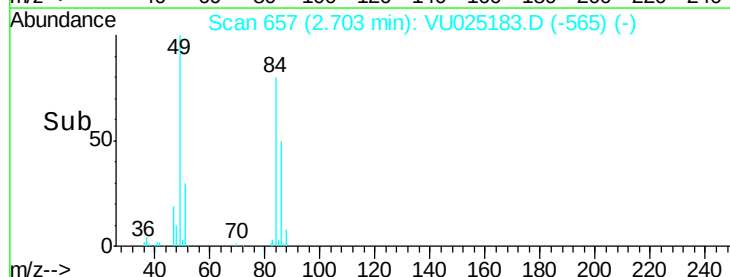
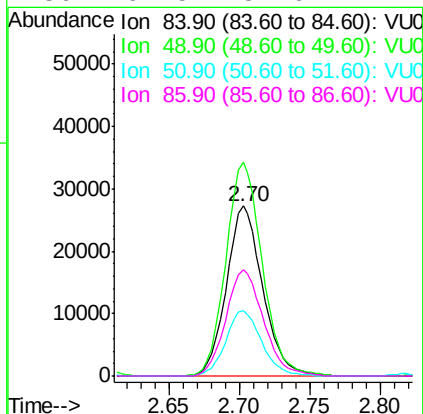
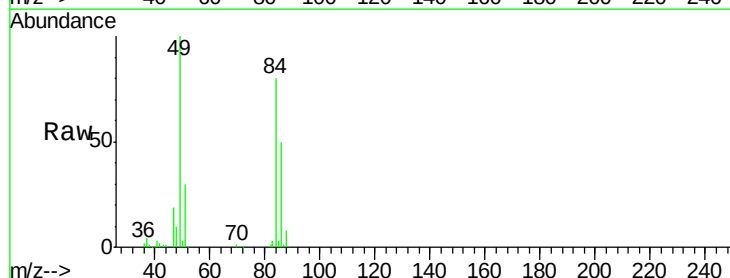
Tot Ion: 73 Resp: 154864
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.8 28.2

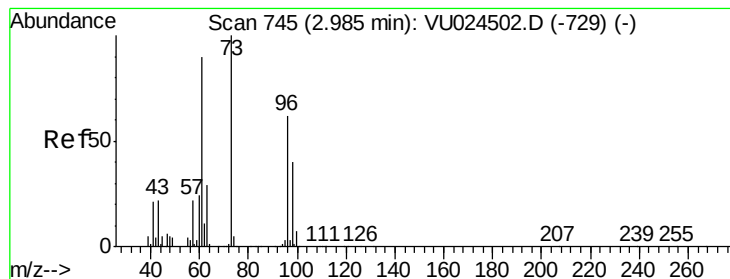


#20

Methylene Chloride
 Concen: 20.757 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion: 84 Resp: 48924
 Ion Ratio Lower Upper
 84 100
 49 125.7 103.8 155.8
 51 38.1 32.0 48.0
 86 62.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.790 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampled :

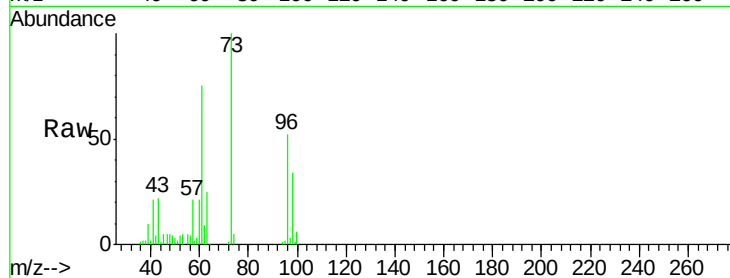
Tot Ion: 96 Resp: 42502

Ion Ratio Lower Upper

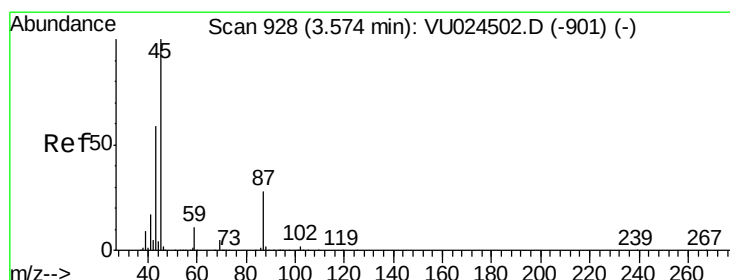
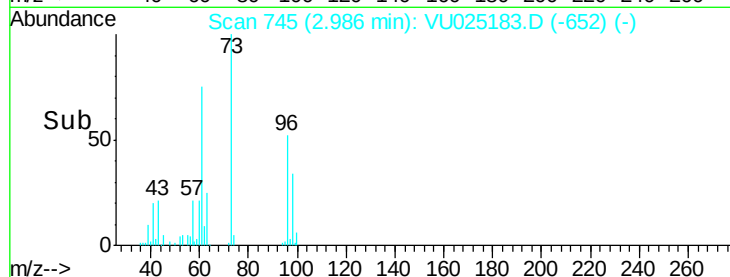
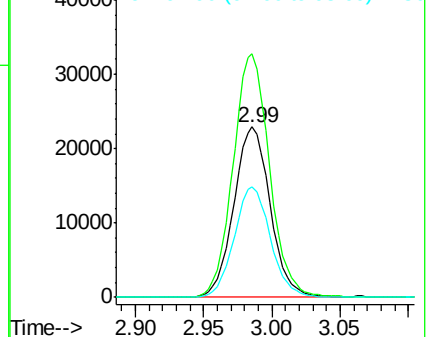
96 100

61 143.1 119.4 179.0

98 64.8 51.1 76.7



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



#22

Diisopropyl ether

Concen: 20.569 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion: 45 Resp: 147626

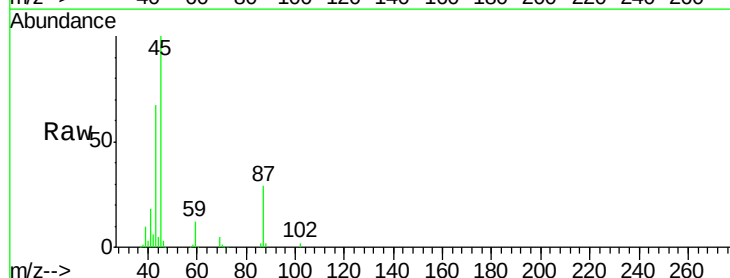
Ion Ratio Lower Upper

45 100

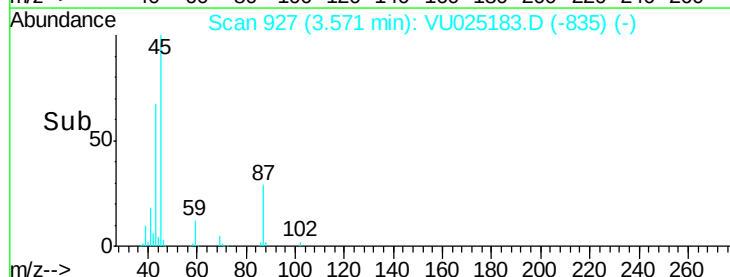
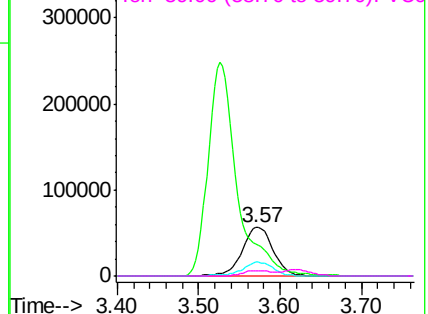
43 65.5 45.8 68.6

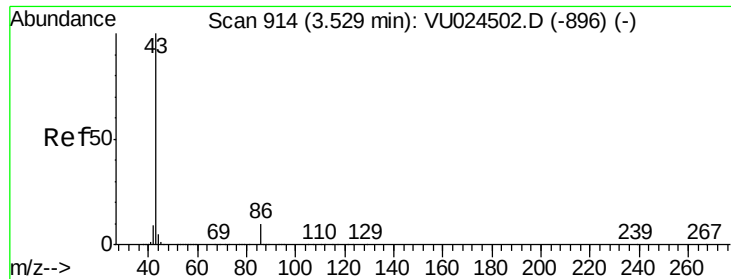
87 29.2 20.6 31.0

59 11.8 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0

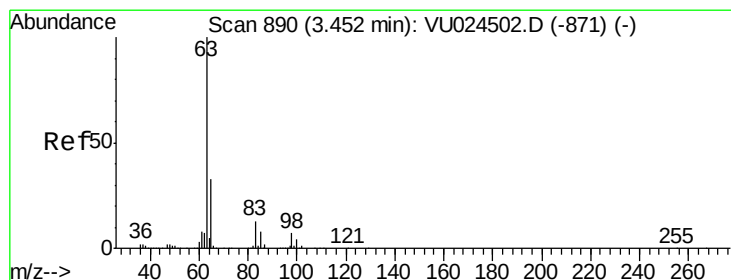
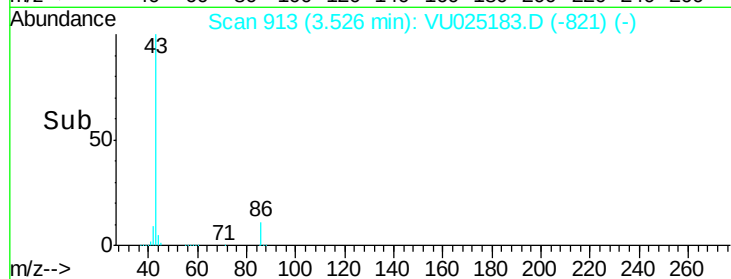
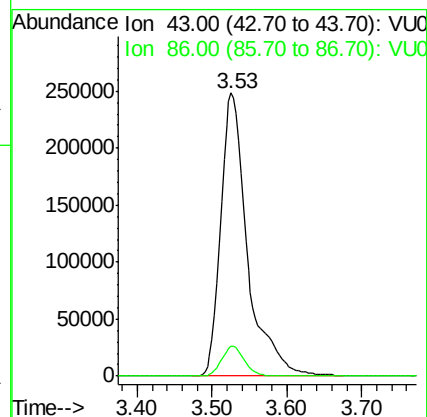
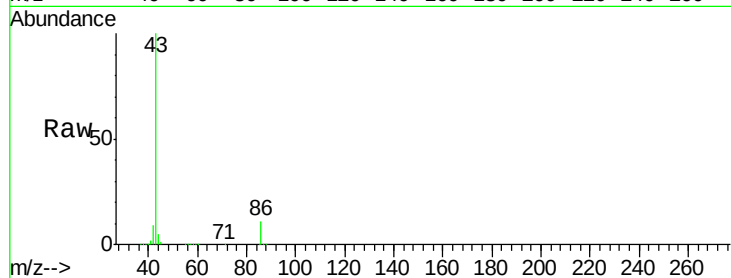




#23
 Vinyl Acetate
 Concen: 96.009 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

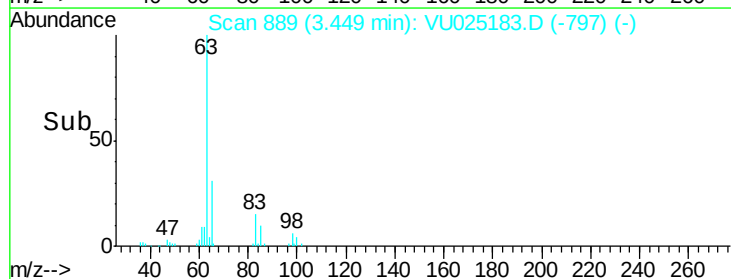
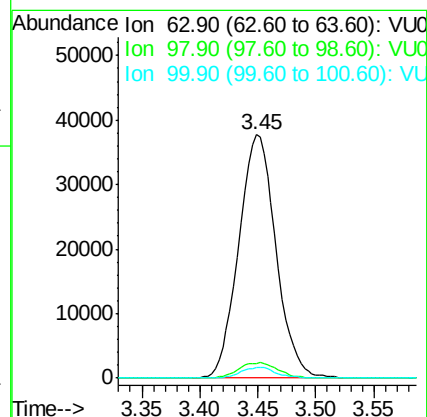
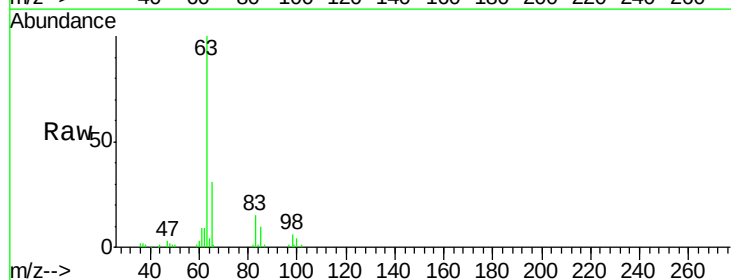
Instrument :
 MSVOA_U
 ClientSampled :

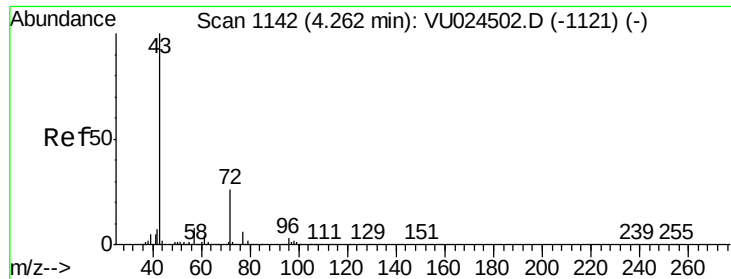
Tot Ion: 43 Resp: 617261
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.324 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion: 63 Resp: 83914
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.3 1.8 5.5

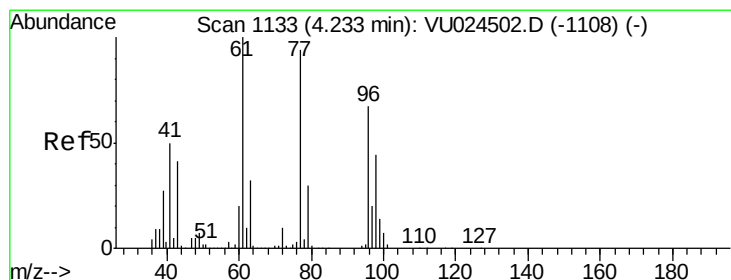
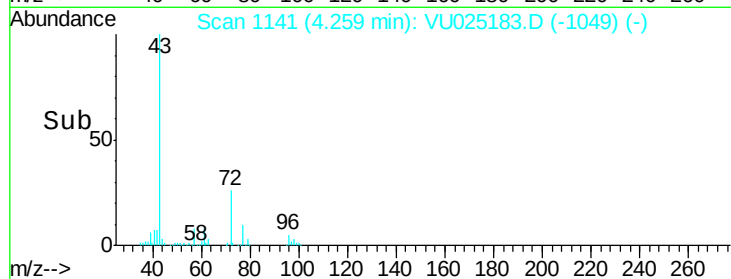
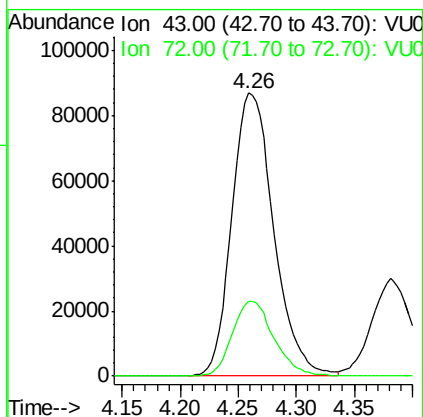
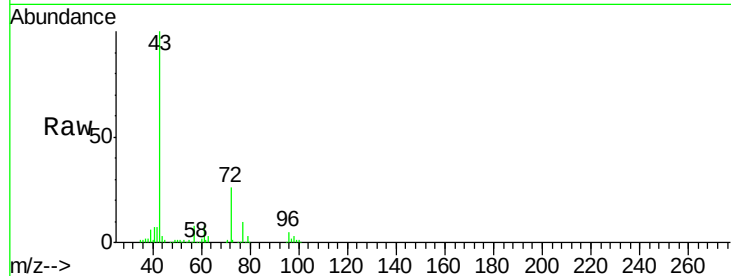




#25
 2-Butanone
 Concen: 107.644 ug/l
 RT: 4.26 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

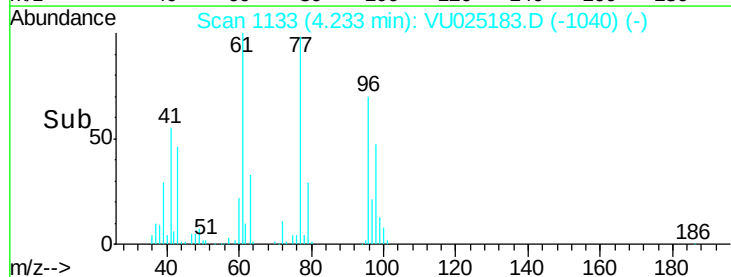
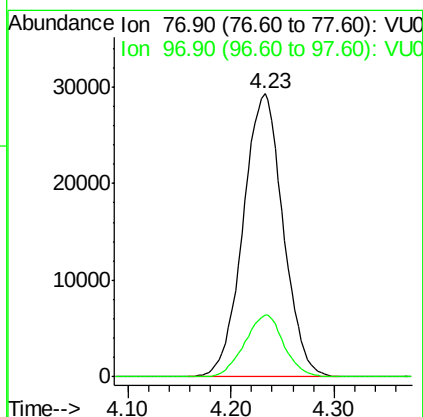
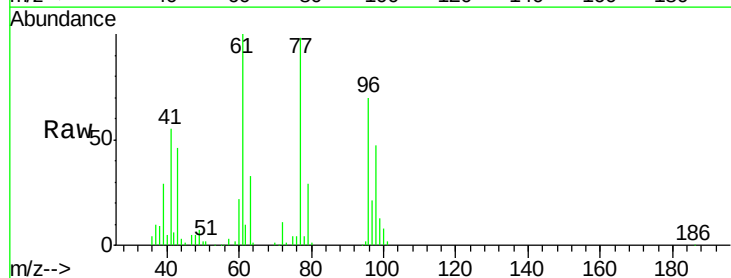
Instrument :
 MSVOA_U
 ClientSampleId :

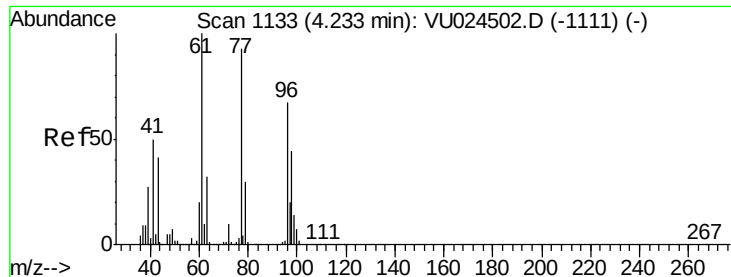
Tot Ion: 43 Resp: 217193
 Ion Ratio Lower Upper
 43 100
 72 26.4 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 20.057 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion: 77 Resp: 78633
 Ion Ratio Lower Upper
 77 100
 97 21.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.243 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

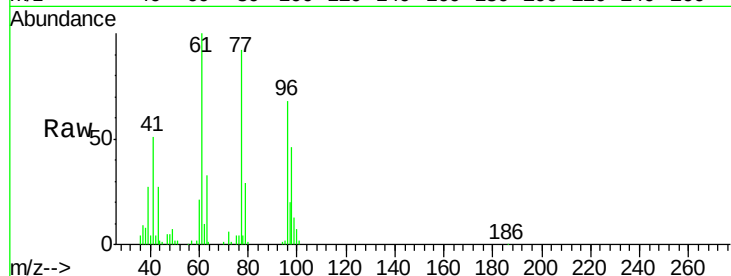
Tot Ion: 96 Resp: 52451

Ion Ratio Lower Upper

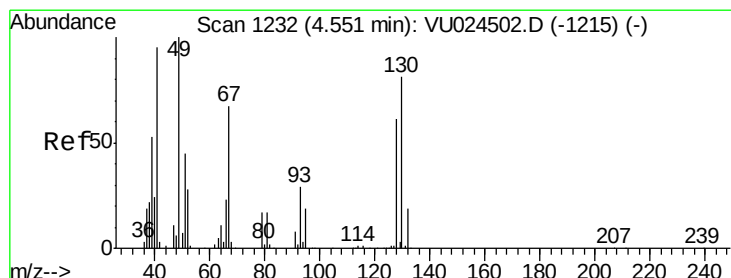
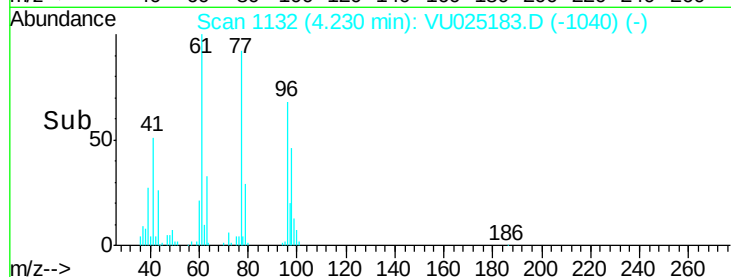
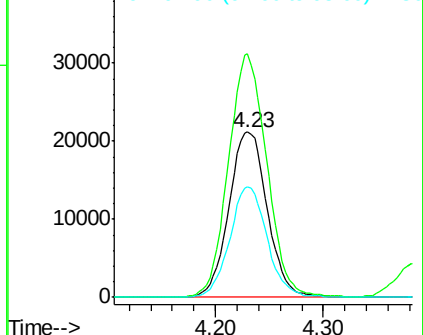
96 100

61 147.3 0.0 306.6

98 65.0 0.0 128.8



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



#28

Bromochloromethane

Concen: 19.140 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

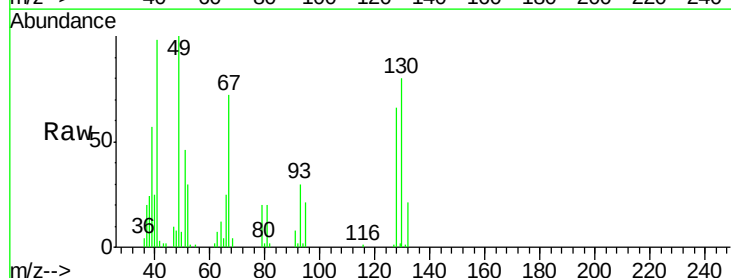
Tgt Ion: 49 Resp: 34807

Ion Ratio Lower Upper

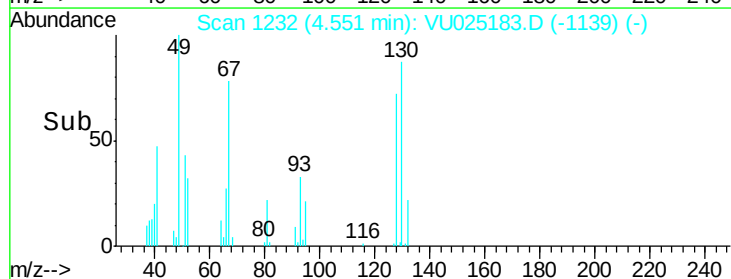
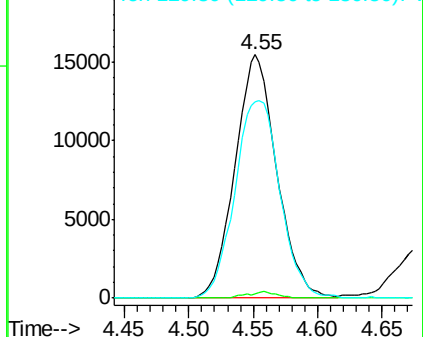
49 100

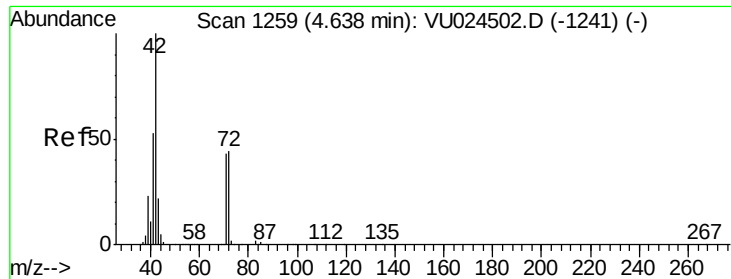
129 1.9 0.0 3.8

130 87.9 57.8 86.6#



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

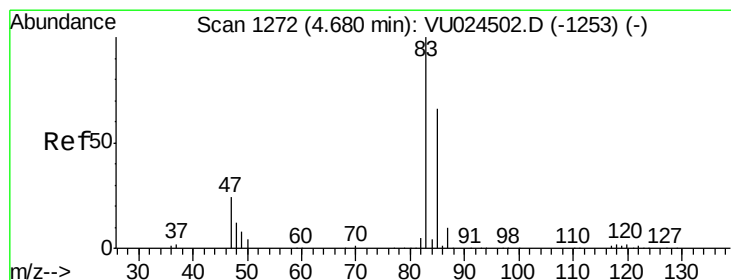
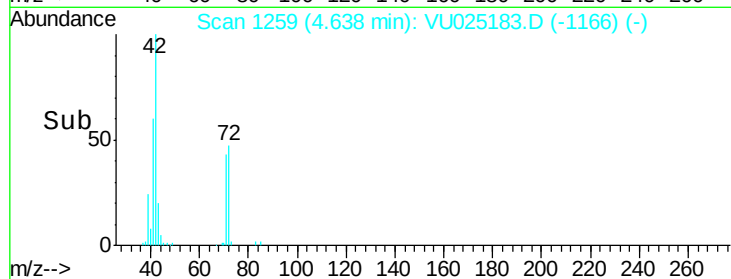
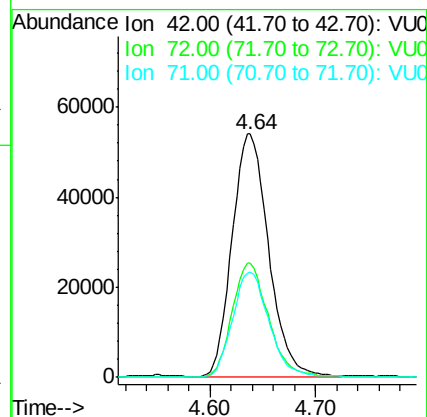
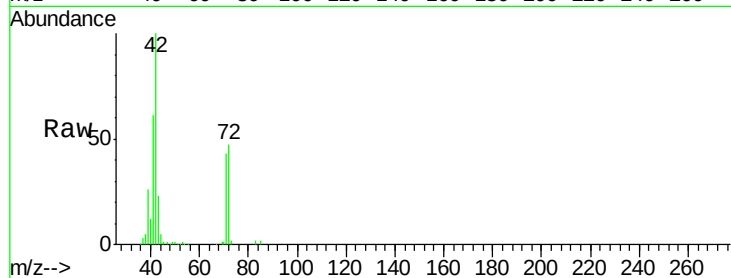




#29
Tetrahydrofuran
Concen: 103.761 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

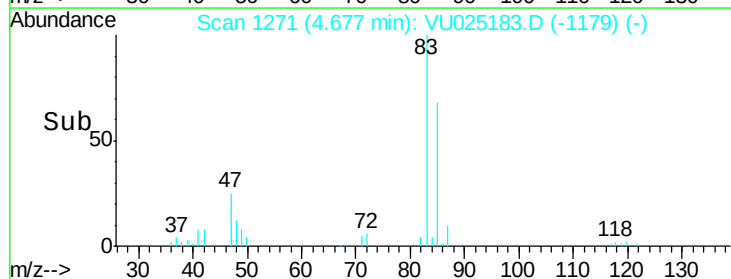
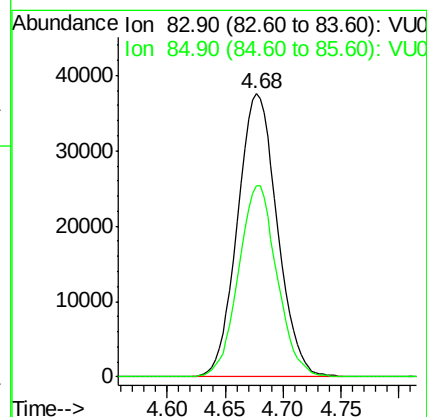
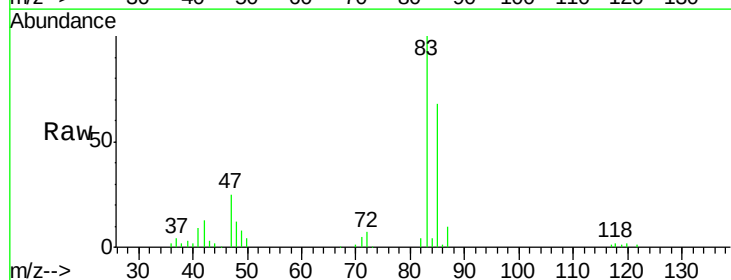
Instrument :
MSVOA_U
ClientSampleId :

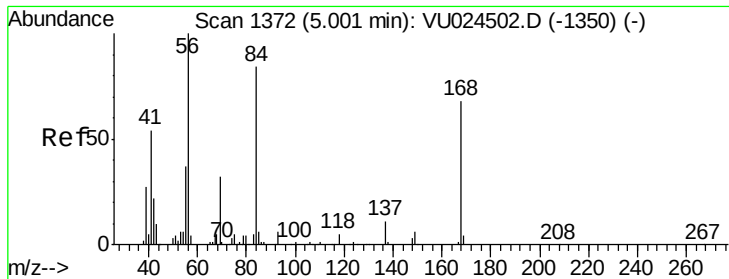
Tot Ion: 42 Resp: 129648
Ion Ratio Lower Upper
42 100
72 47.2 34.5 51.7
71 43.2 32.2 48.4



#30
Chloroform
Concen: 21.398 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 83 Resp: 89421
Ion Ratio Lower Upper
83 100
85 67.6 52.4 78.6

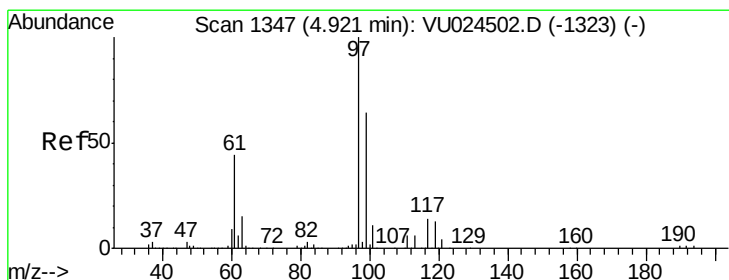
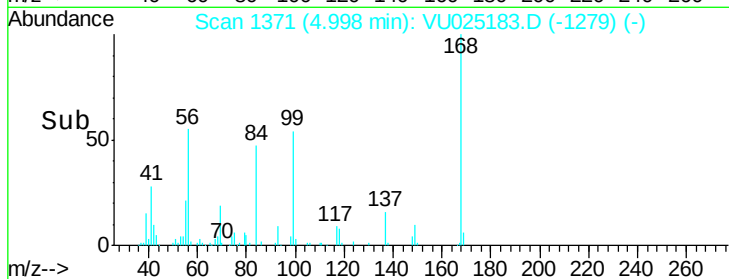
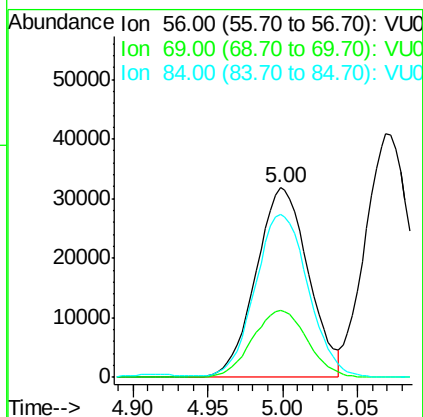
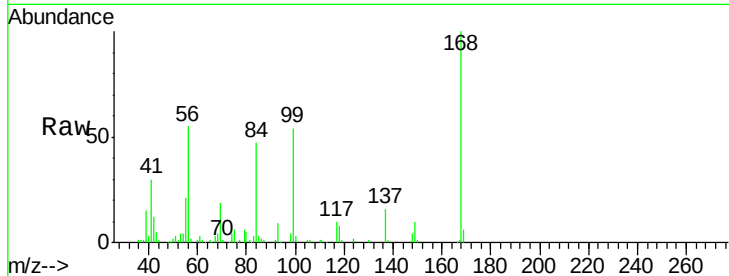




#31
Cyclohexane
Concen: 19.951 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

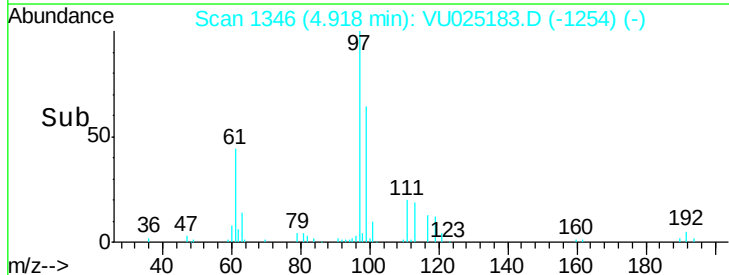
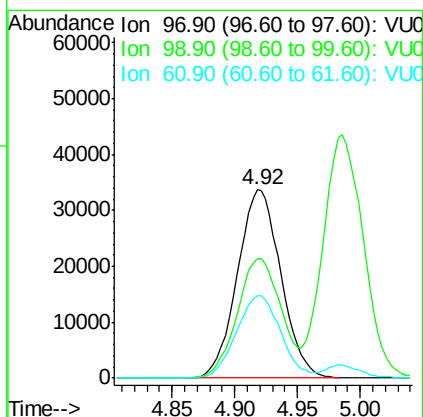
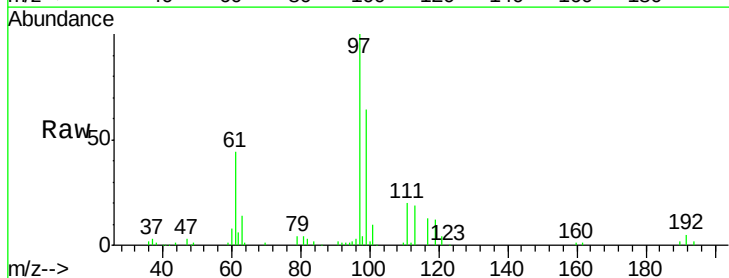
Instrument :
MSVOA_U
ClientSampled :

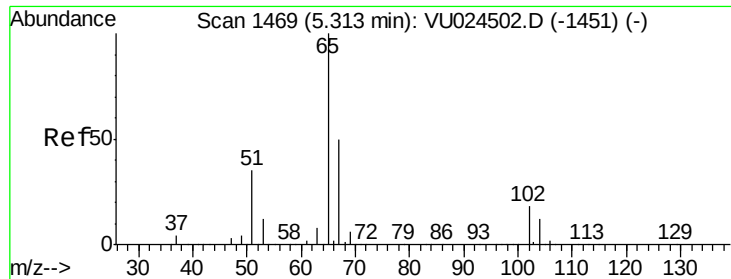
Tot Ion: 56 Resp: 77500
Ion Ratio Lower Upper
56 100
69 35.2 24.8 37.2
84 84.7 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 20.956 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 97 Resp: 80982
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.6
61 44.4 39.4 59.0

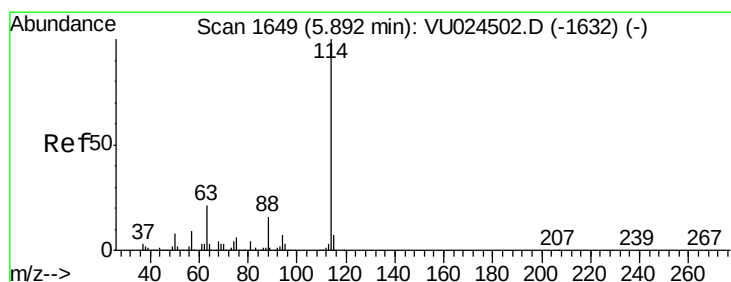
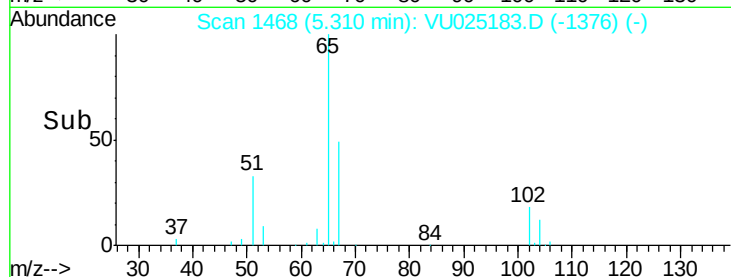
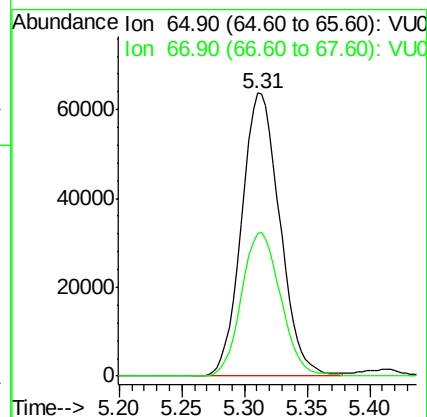
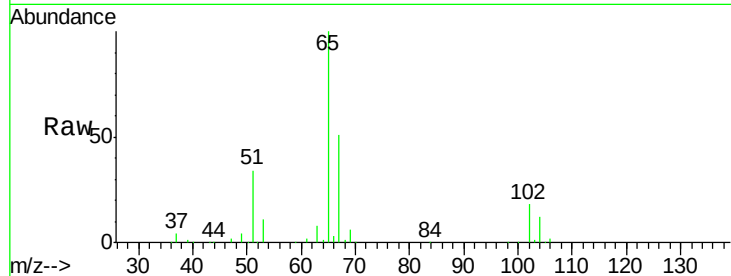




#33
 1,2-Dichloroethane-d4
 Concen: 48.421 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

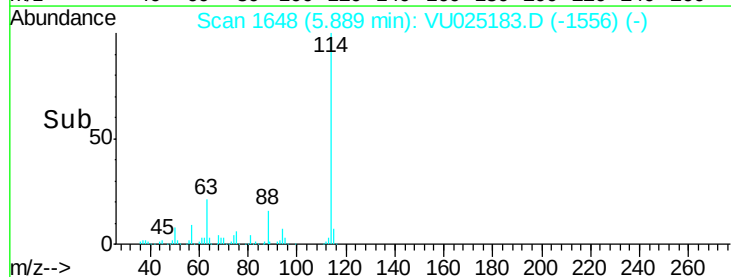
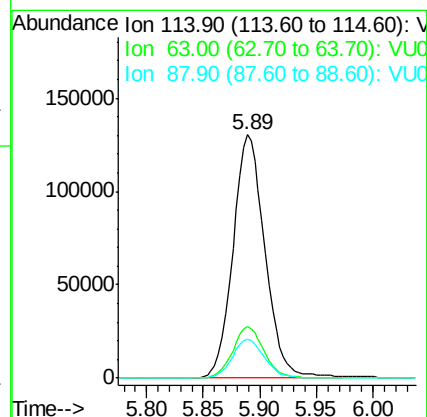
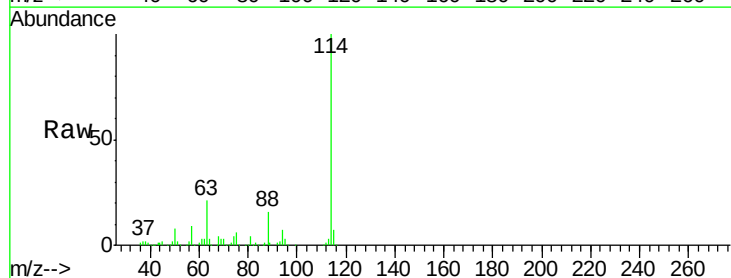
Instrument :
 MSVOA_U
 ClientSampleId :

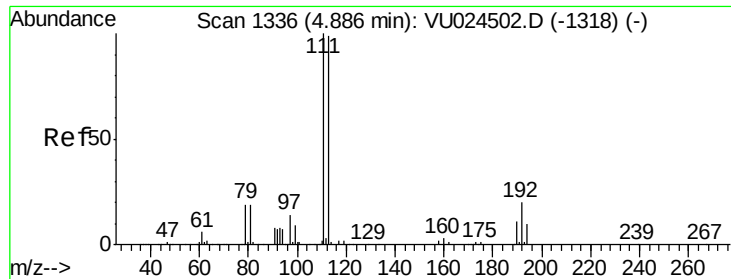
Tot Ion: 65 Resp: 135371
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion: 114 Resp: 255915
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.4
 88 16.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 52.928 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

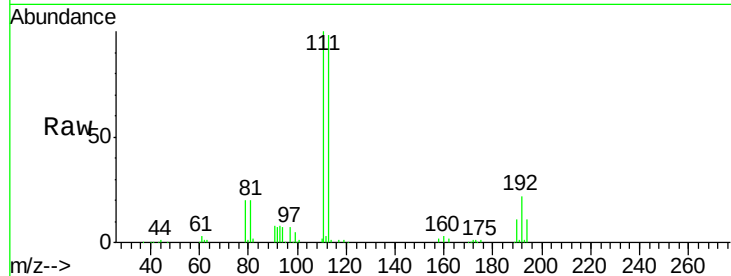
Tot Ion:113 Resp: 112414

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

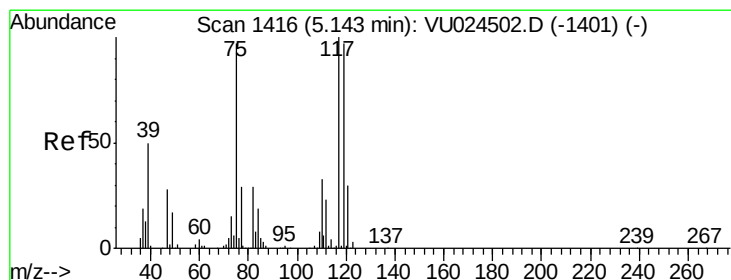
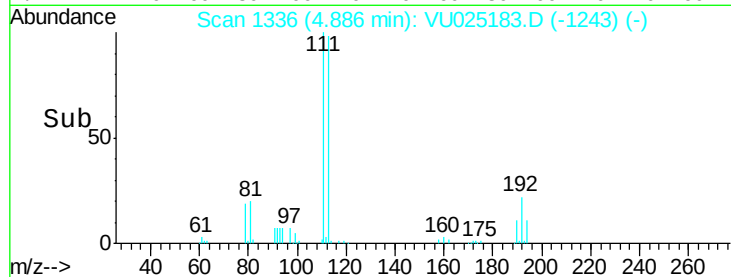
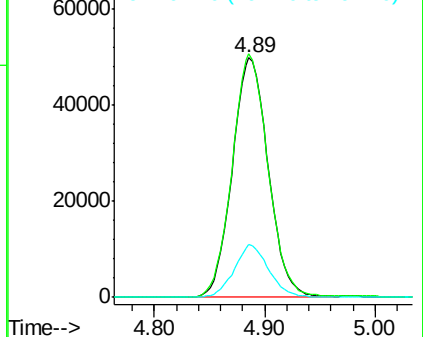
192 21.1 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.328 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

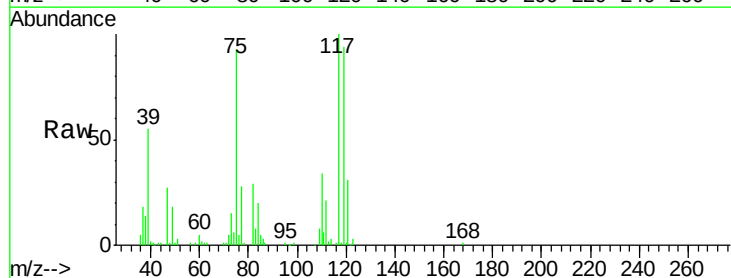
Tgt Ion: 75 Resp: 61131

Ion Ratio Lower Upper

75 100

110 37.1 17.0 50.9

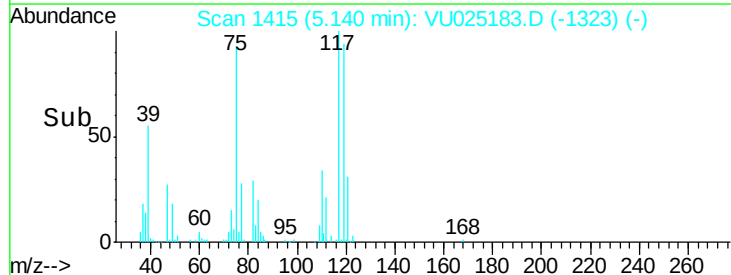
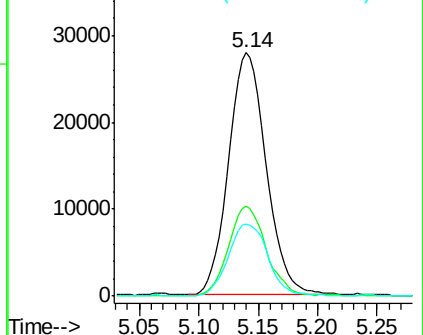
77 31.3 24.2 36.4

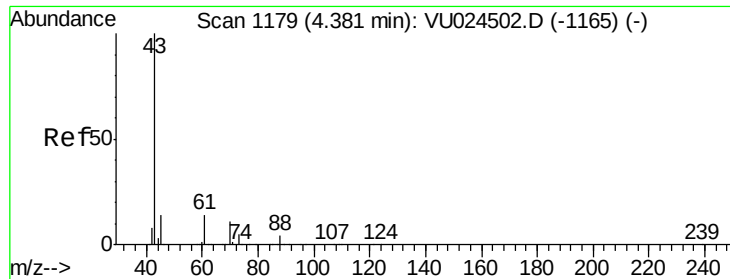


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

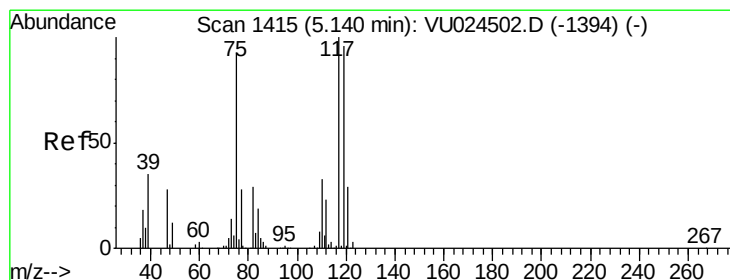
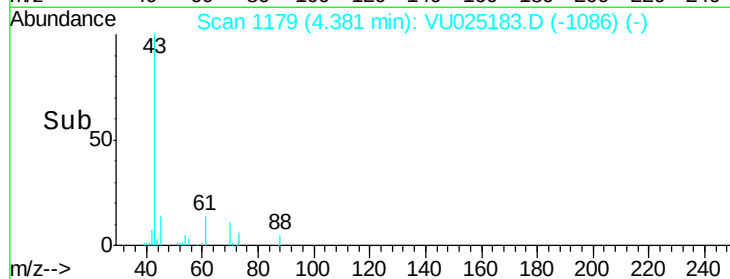
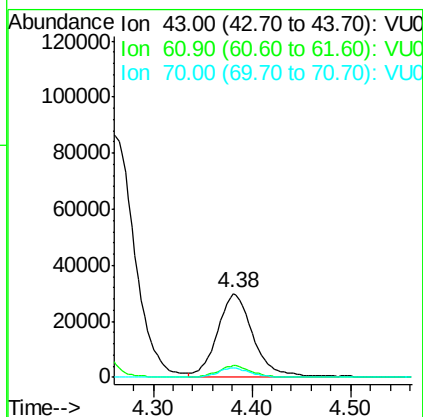
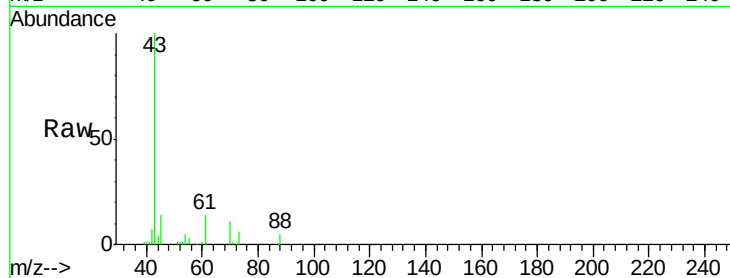




#37
Ethyl Acetate
Concen: 22.435 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

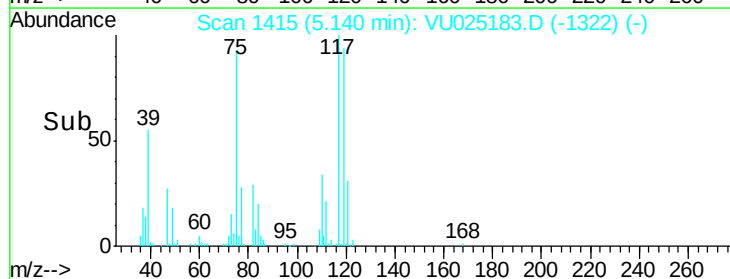
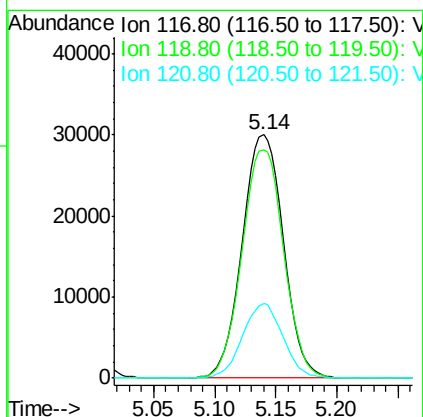
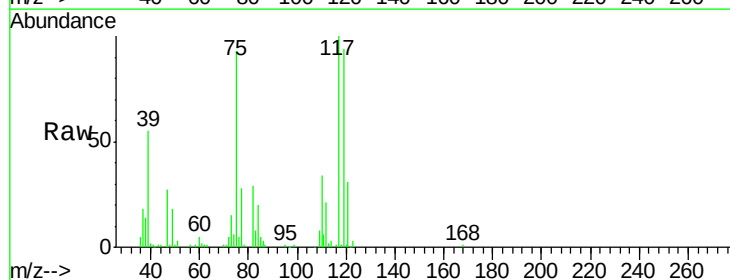
Instrument :
MSVOA_U
ClientSampled :

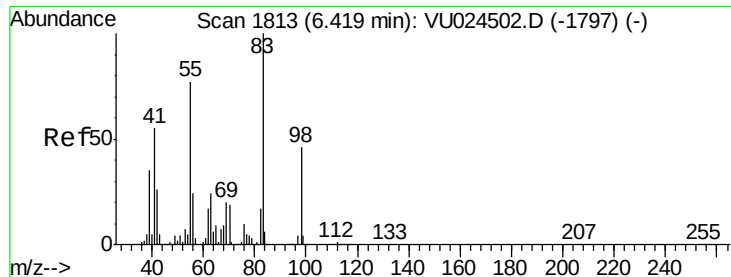
Tot Ion	43	Resp	73535
Ion Ratio	Lower	Upper	
43	100		
61	13.5	10.5	15.7
70	10.2	7.4	11.2



#38
Carbon Tetrachloride
Concen: 21.245 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	117	Resp	70256
Ion Ratio	Lower	Upper	
117	100		
119	94.0	76.1	114.1
121	30.7	23.7	35.5

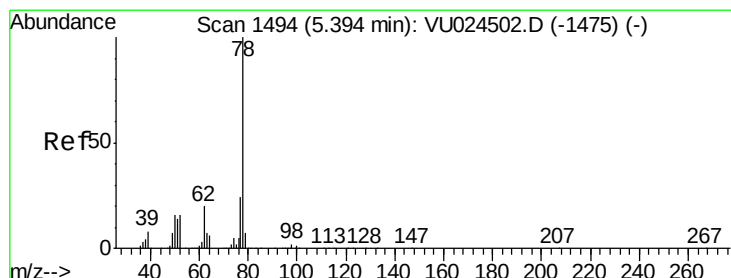
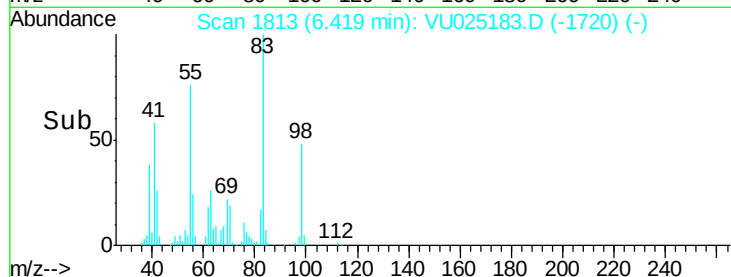
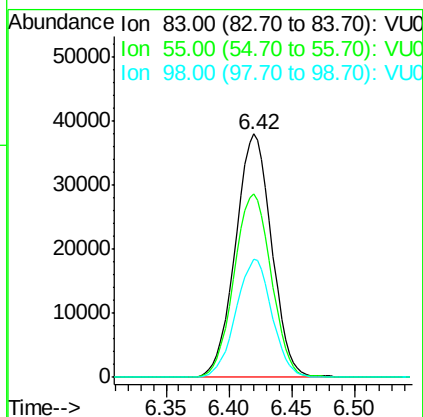
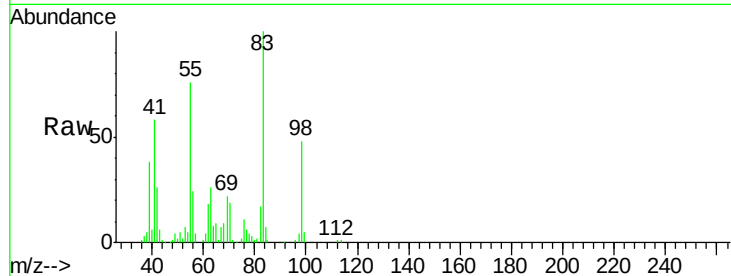




#39
Methvlcvclohexane
Concen: 20.329 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

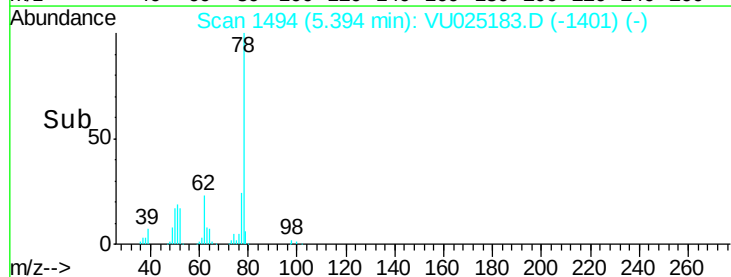
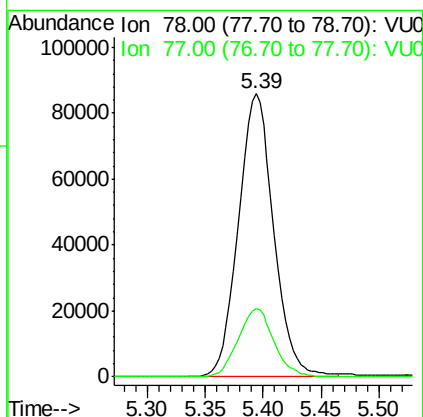
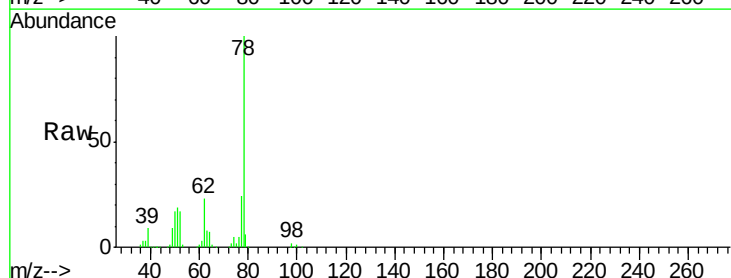
Instrument :
MSVOA_U
ClientSampleId :

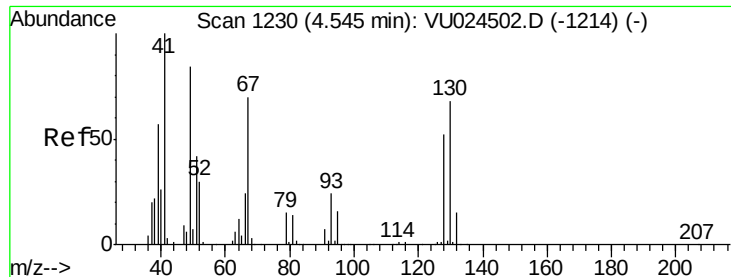
Tot Ion: 83 Resp: 76289
Ion Ratio Lower Upper
83 100
55 75.5 65.8 98.6
98 48.3 36.7 55.1



#40
Benzene
Concen: 21.208 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 78 Resp: 181726
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8

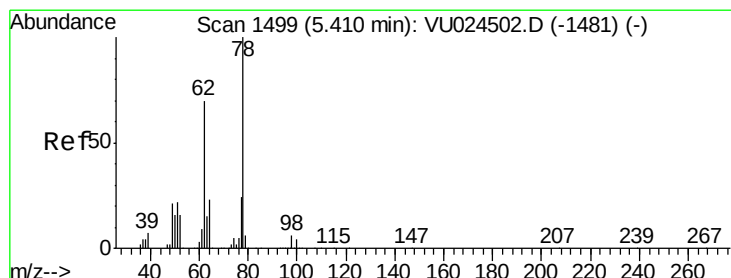
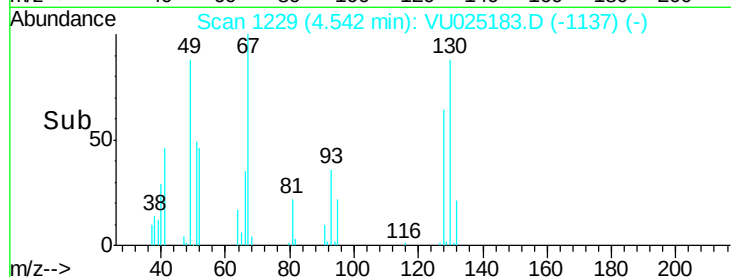
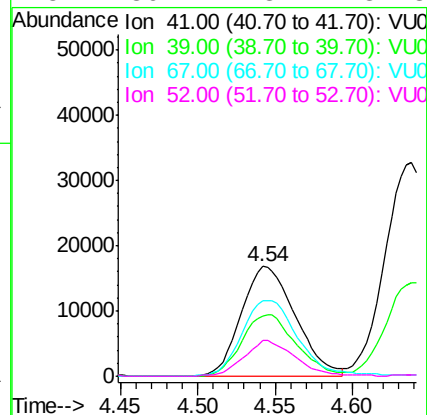
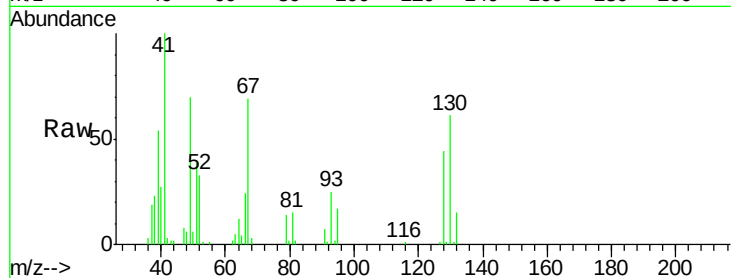




#41
Methacrylonitrile
Concen: 23.213 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

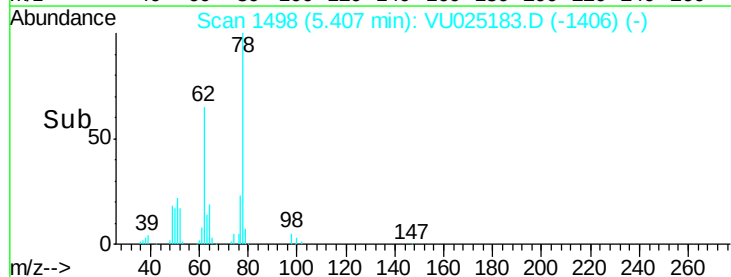
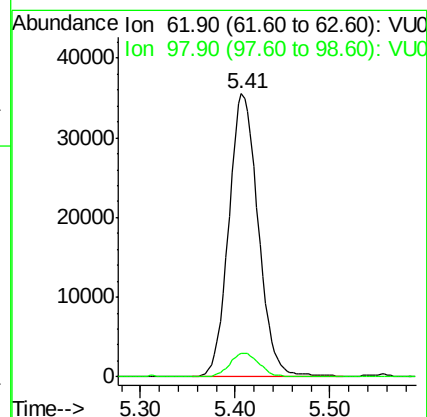
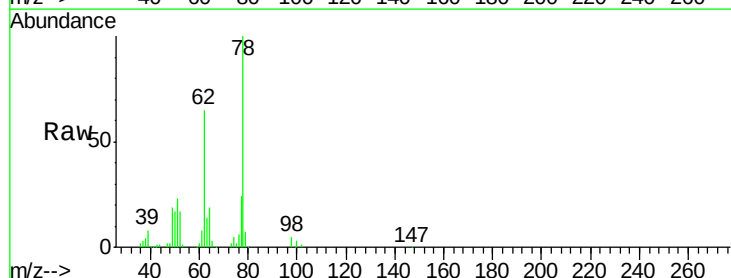
Instrument :
MSVOA_U
ClientSampleId :

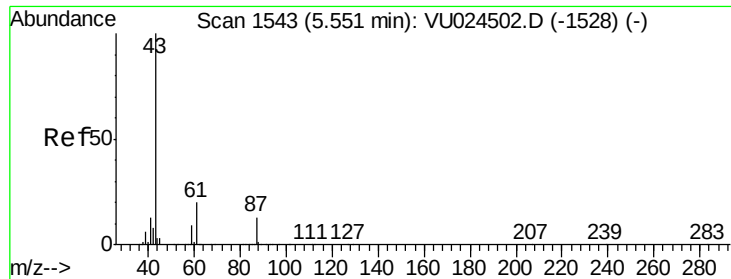
Tot Ion:	41	Resp:	41021
Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.8	65.6
67	72.2	56.3	84.5
52	30.7	23.2	34.8



#42
1,2-Dichloroethane
Concen: 23.549 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:	62	Resp:	76854
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 20.783 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

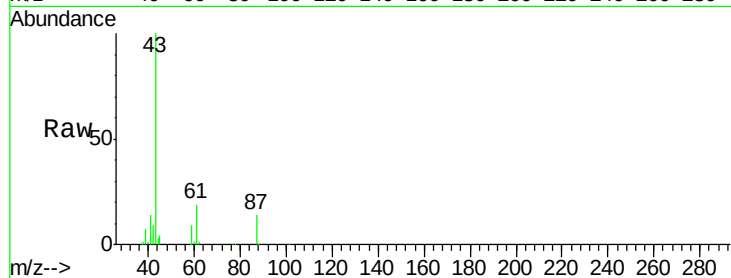
Tot Ion: 43 Resp: 117746

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.0

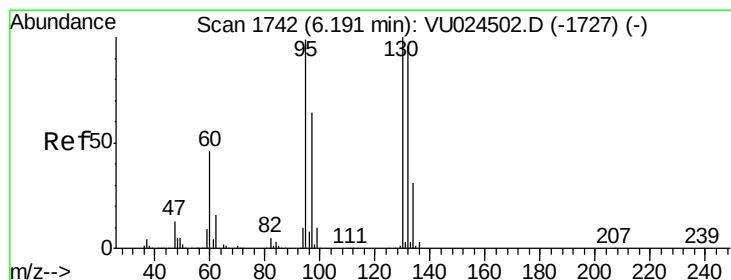
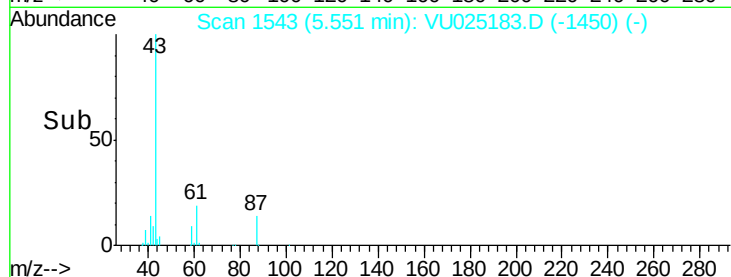
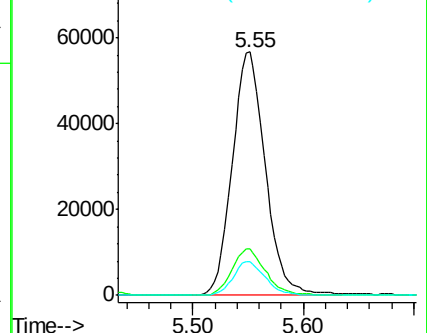
87 13.4 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-1528) (-)

Ion 87.00 (86.70 to 87.70): VU024502.D (-1528) (-)



#44

Trichloroethene

Concen: 20.746 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025183.D

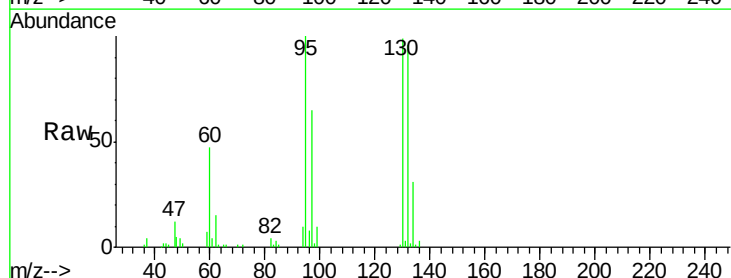
Acq: 03 Jul 2018 11:37

Tgt Ion:130 Resp: 50593

Ion Ratio Lower Upper

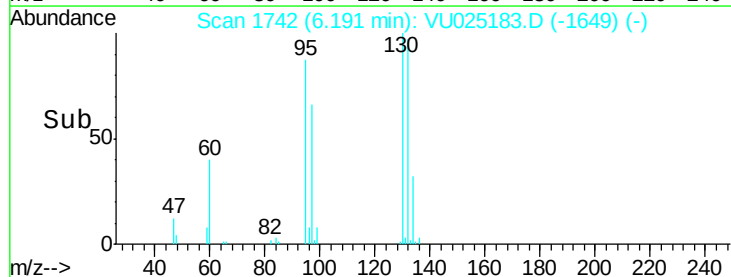
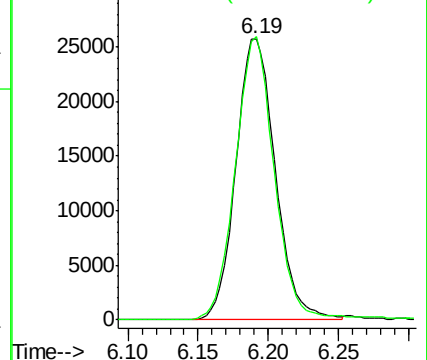
130 100

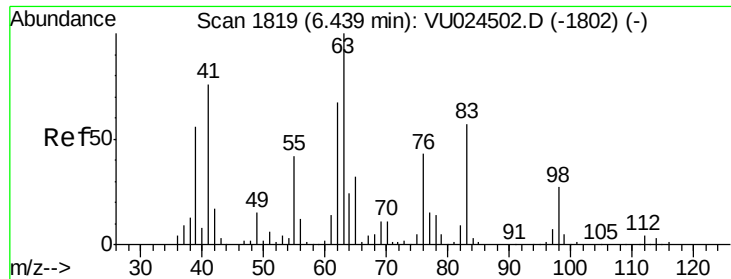
95 100.7 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)

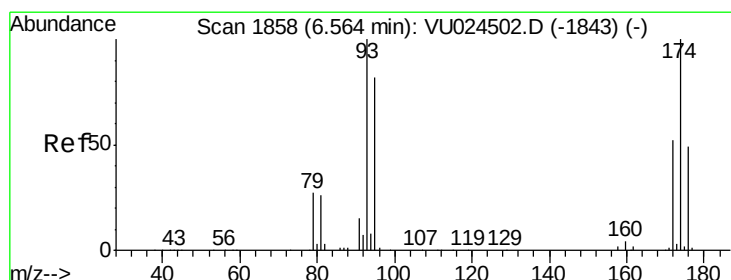
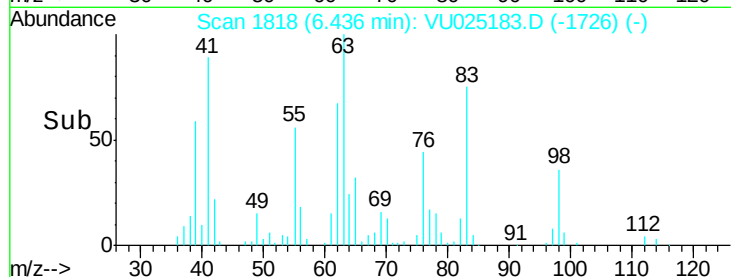
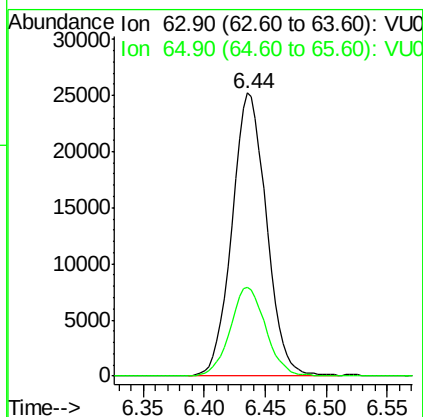
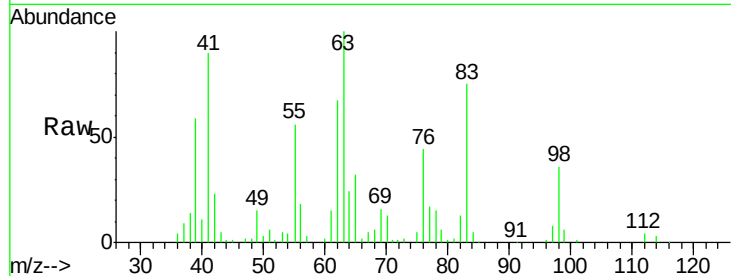




#45
 1,2-Dichloropropane
 Concen: 21.578 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

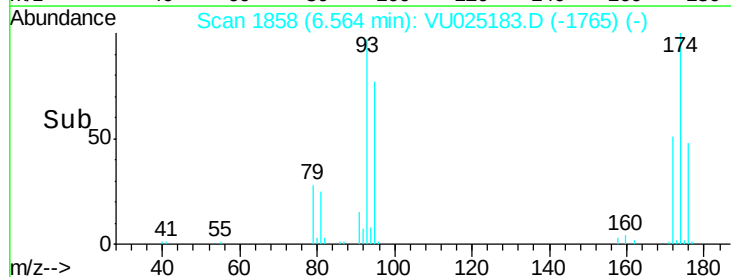
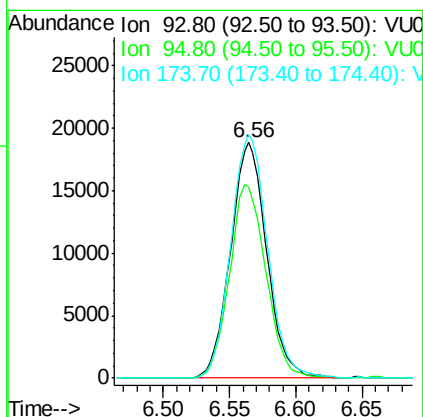
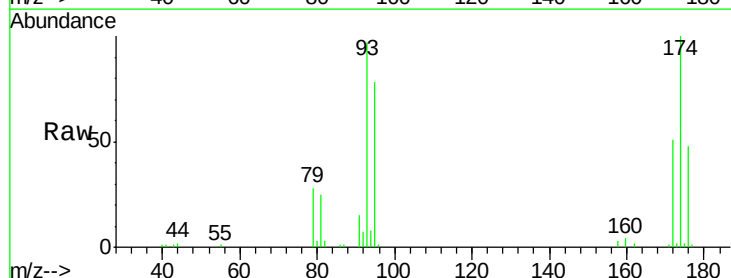
Instrument :
 MSVOA_U
 ClientSampleId :

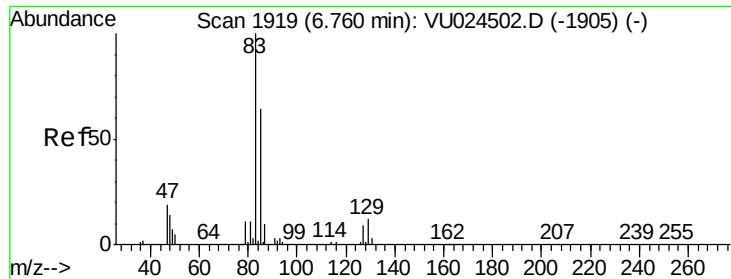
Tot Ion: 63 Resp: 49336
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2



#46
 Dibromomethane
 Concen: 22.246 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion: 93 Resp: 35727
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.5 98.3
 174 104.9 78.7 118.1





#47

Bromodichloromethane

Concen: 20.946 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :

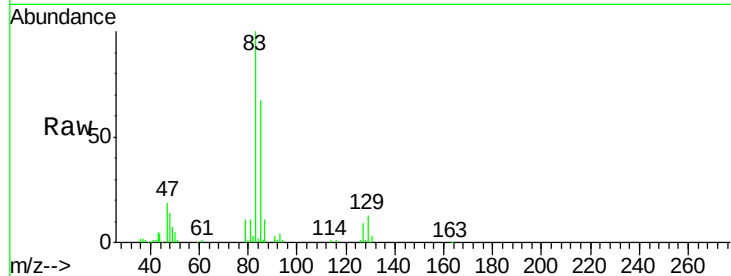
Tot Ion: 83 Resp: 66986

Ion Ratio Lower Upper

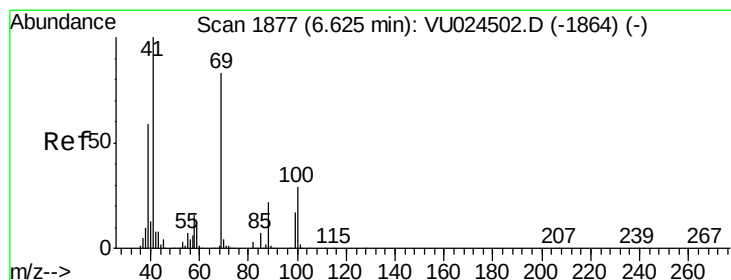
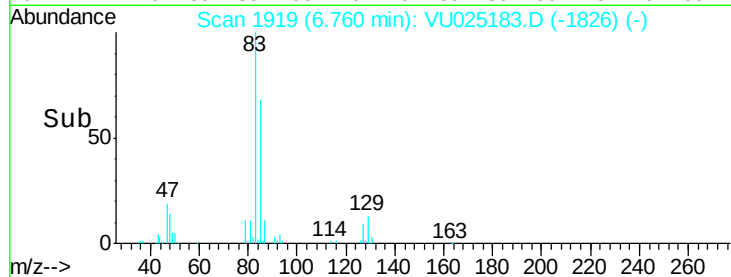
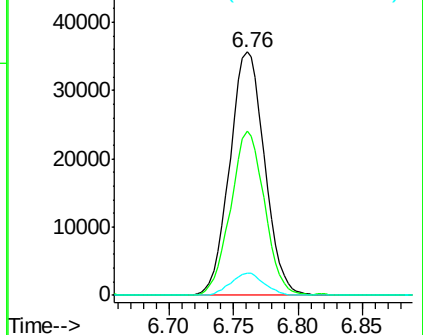
83 100

85 67.3 51.9 77.9

127 9.0 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.041 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

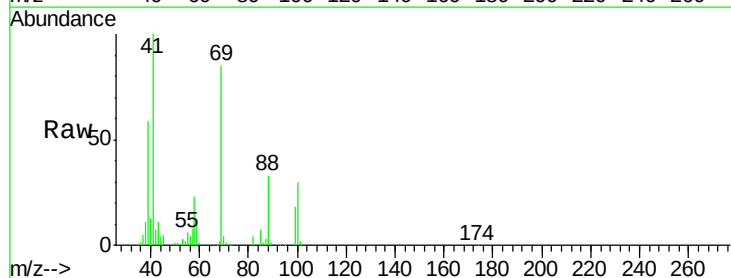
Tgt Ion: 41 Resp: 60807

Ion Ratio Lower Upper

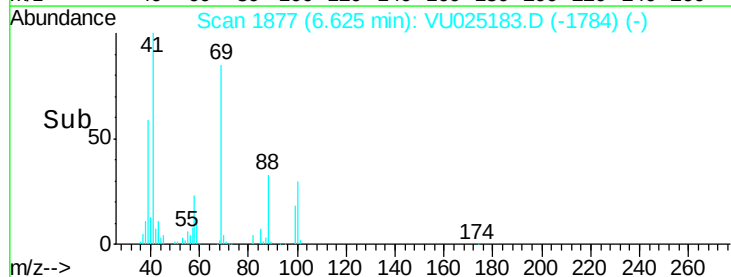
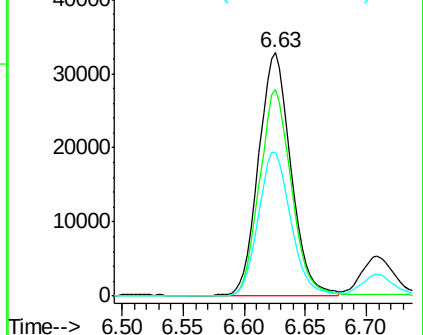
41 100

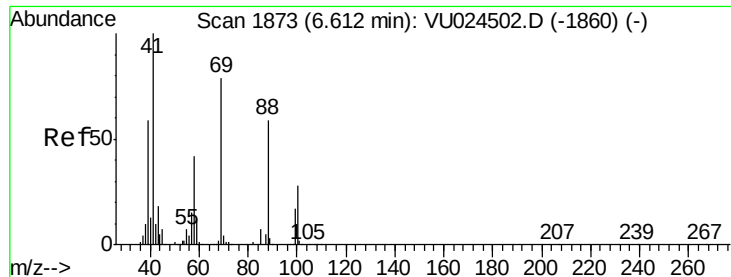
69 83.5 67.3 100.9

39 59.1 46.5 69.7



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





#49

1,4-Dioxane

Concen: 541.729 ug/l

RT: 6.62 min Scan# 1874

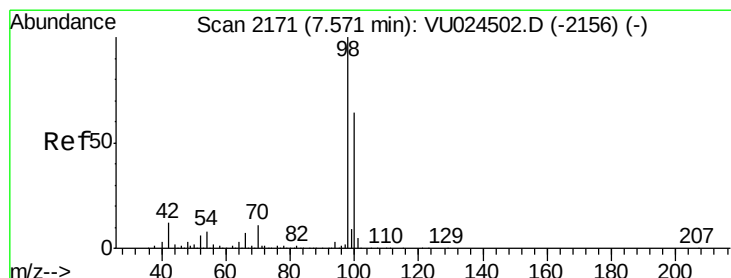
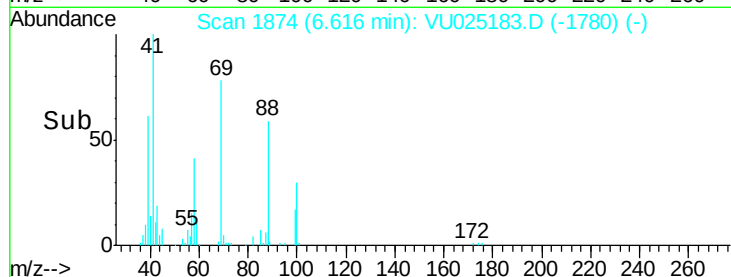
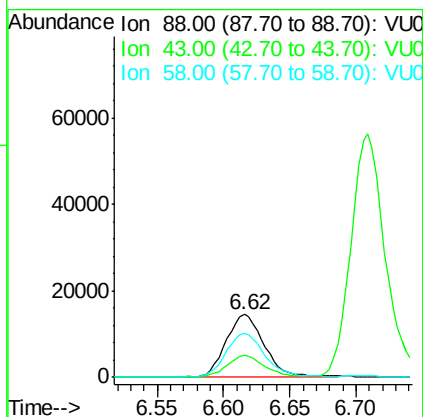
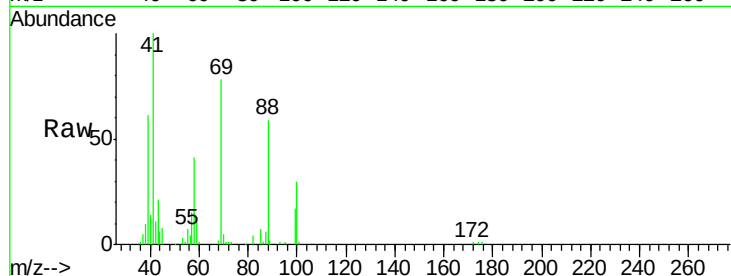
Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	88	Resp:	29227
Ion	Ratio	Lower	Upper
88	100		
43	32.4	28.6	42.8
58	71.0	58.2	87.4



#50

Toluene-d8

Concen: 45.061 ug/l

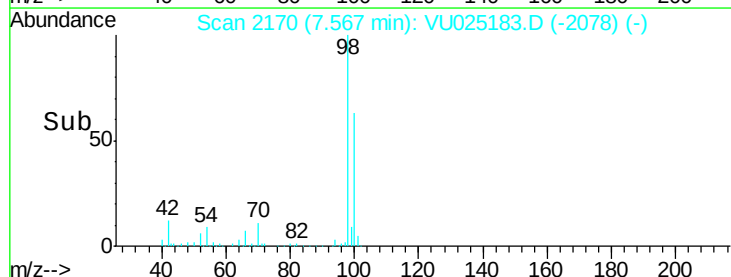
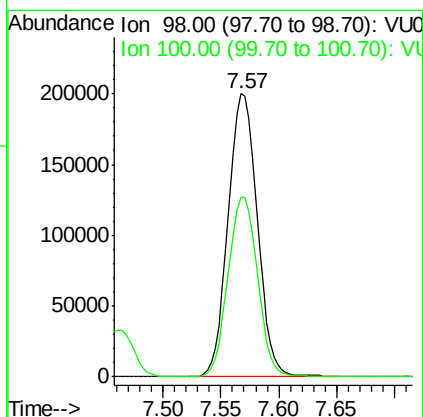
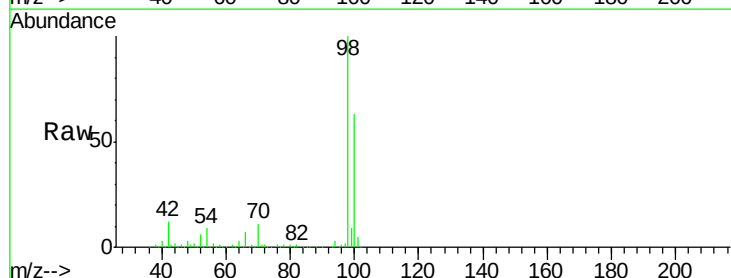
RT: 7.57 min Scan# 2170

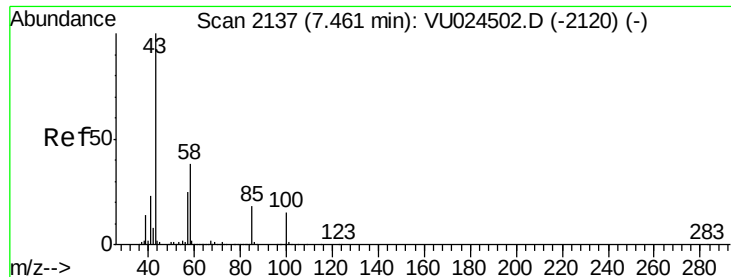
Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion:	98	Resp:	349093
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 109.495 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

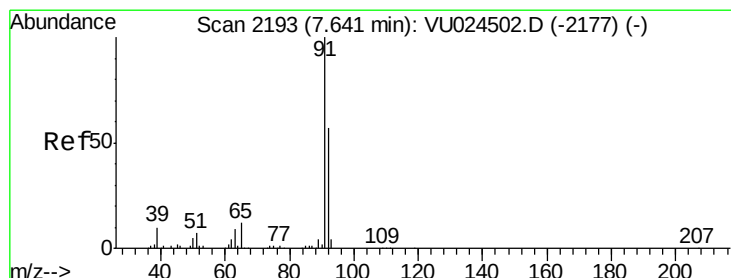
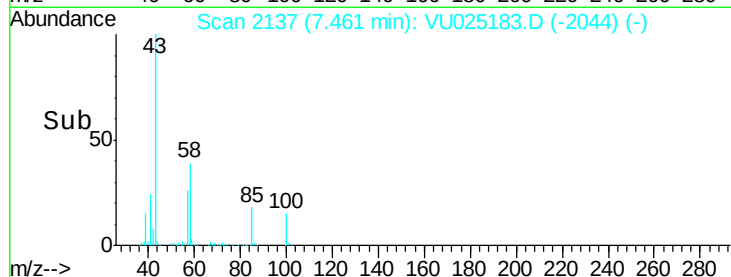
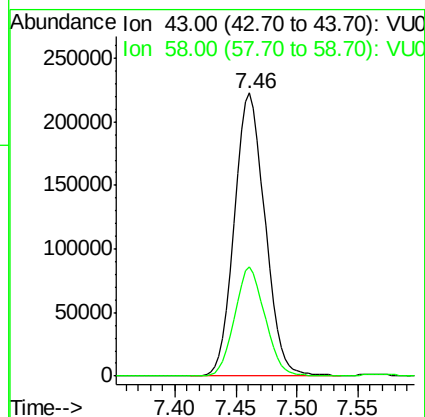
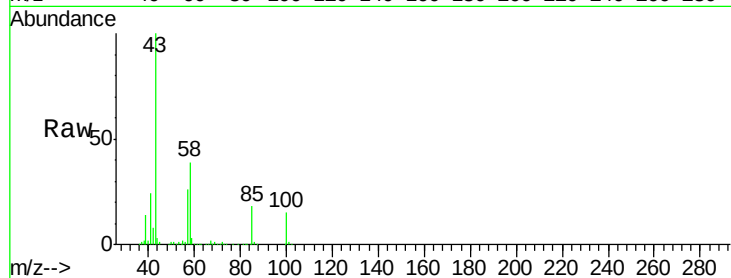
ClientSampled :

Tot Ion: 43 Resp: 389734

Ion Ratio Lower Upper

43 100

58 38.2 30.0 45.0



#52

Toluene

Concen: 21.253 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025183.D

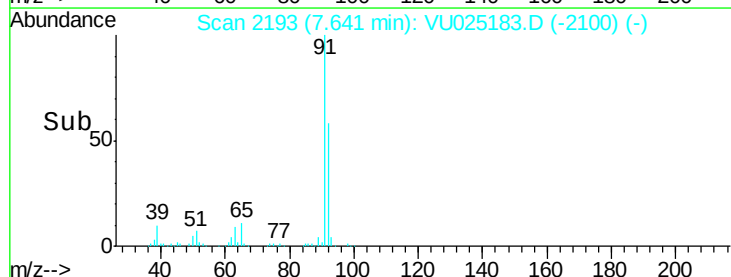
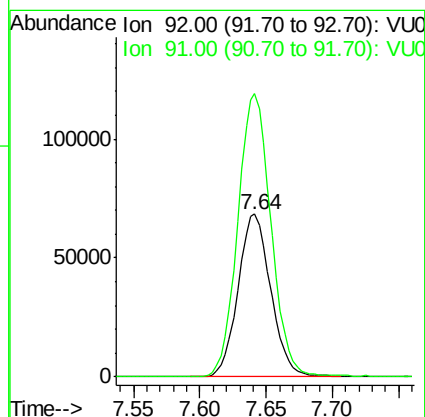
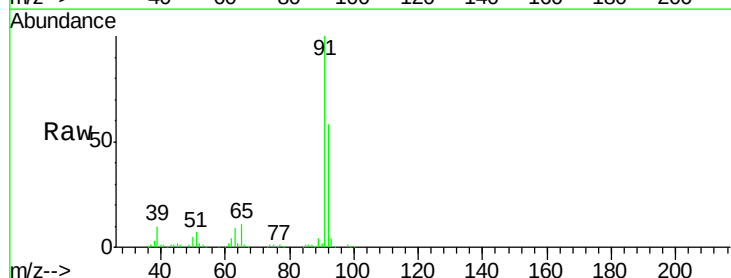
Acq: 03 Jul 2018 11:37

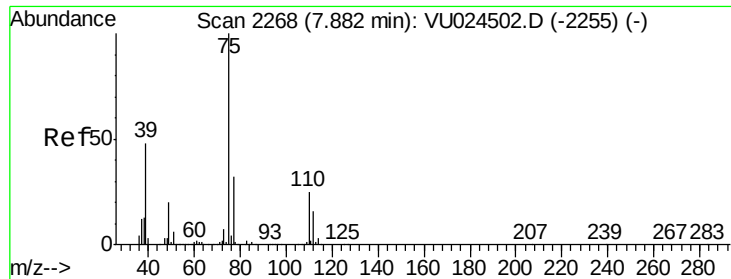
Tgt Ion: 92 Resp: 117166

Ion Ratio Lower Upper

92 100

91 176.7 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 20.197 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

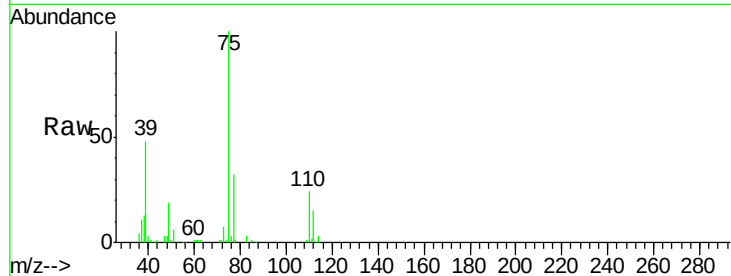
ClientSampled :

Tot Ion: 75 Resp: 72533

Ion Ratio Lower Upper

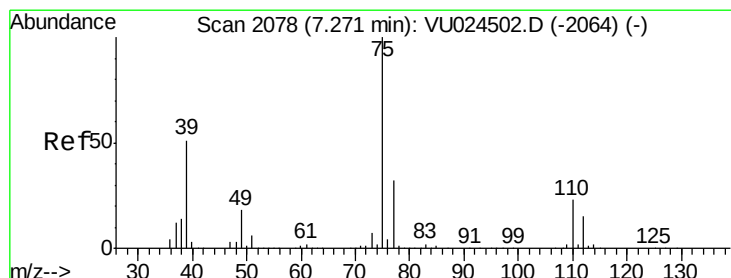
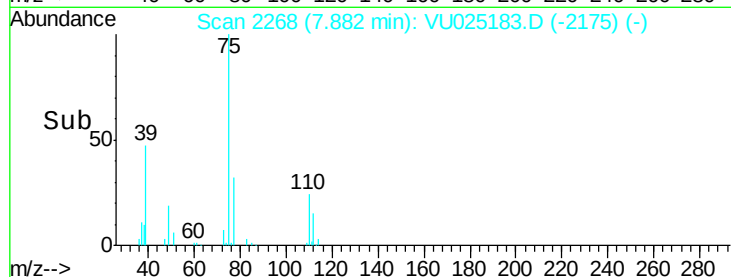
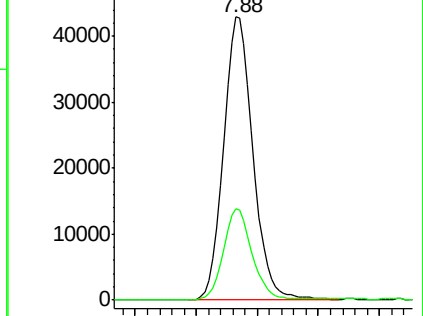
75 100

77 32.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.963 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

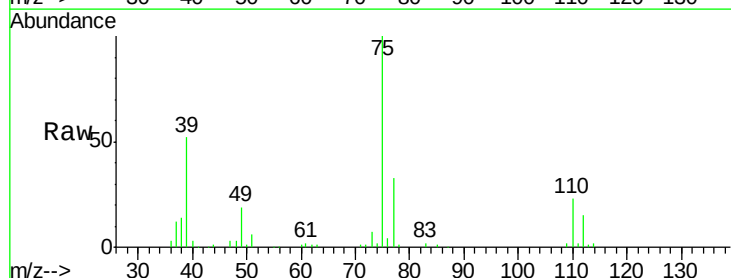
Tgt Ion: 75 Resp: 76393

Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8

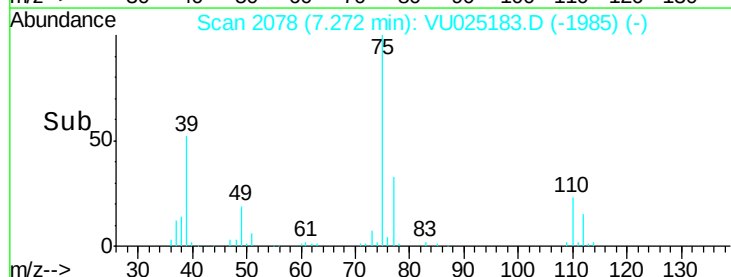
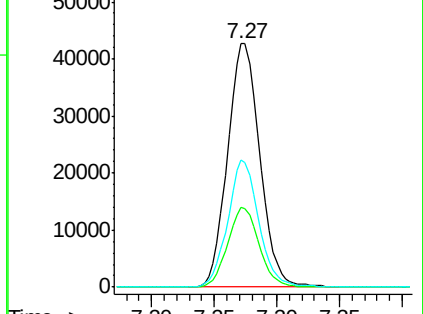
39 52.3 39.8 59.6

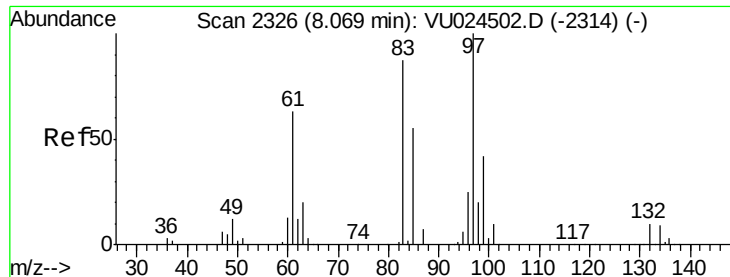


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

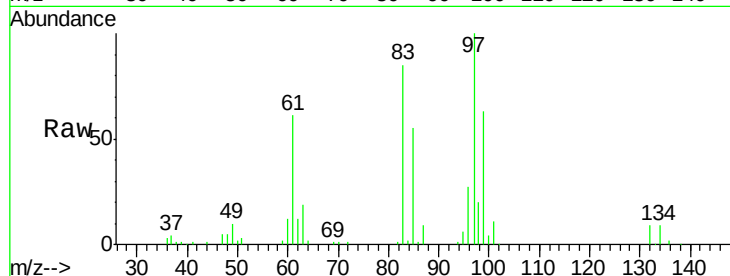




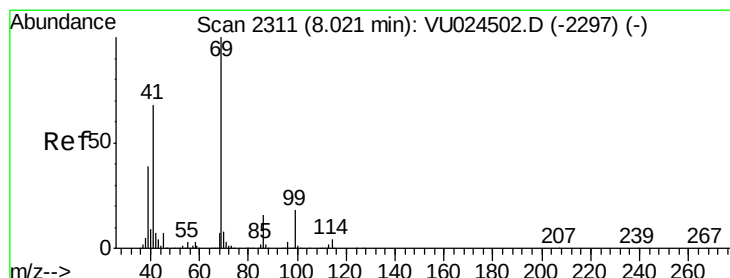
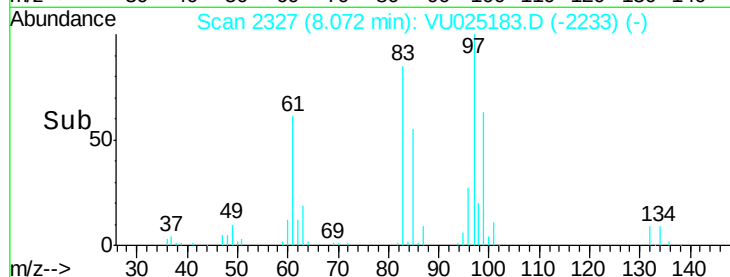
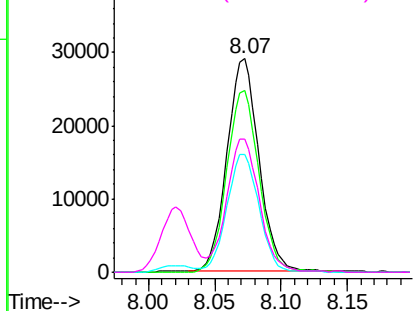
#55
1,1,2-Trichloroethane
Concen: 21.787 ug/l
RT: 8.07 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 97 Resp: 48824
Ion Ratio Lower Upper
97 100
83 85.6 70.5 105.7
85 55.5 46.4 69.6
99 62.4 50.2 75.2

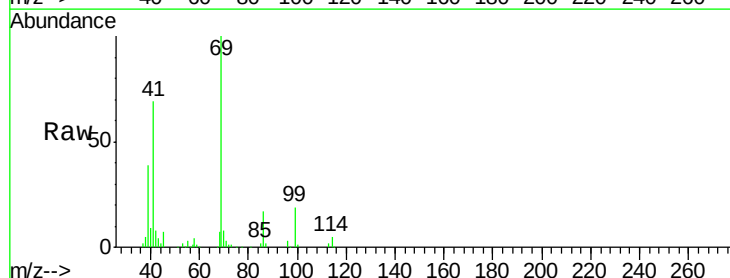


Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 98.90 (98.60 to 99.60): VU0

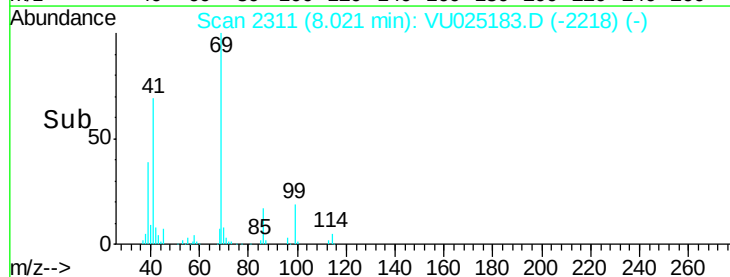
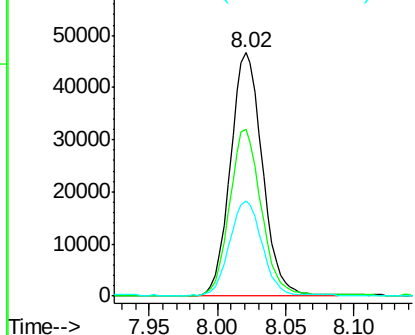


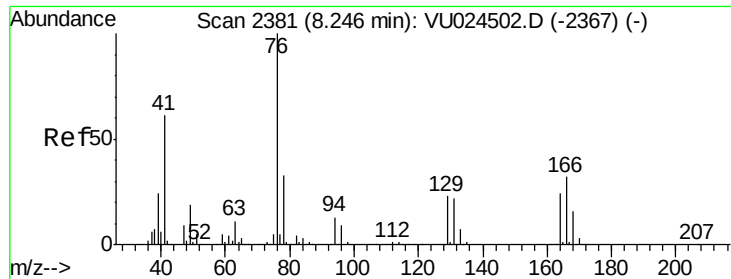
#56
Ethyl methacrylate
Concen: 20.375 ug/l
RT: 8.02 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 69 Resp: 76421
Ion Ratio Lower Upper
69 100
41 67.8 54.1 81.1
39 40.5 30.3 45.5



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

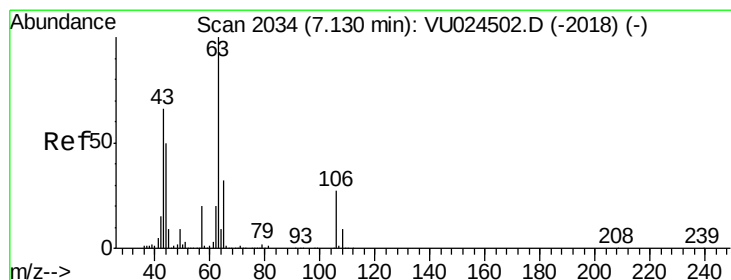
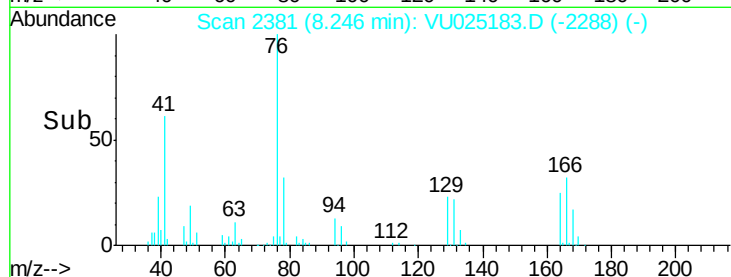
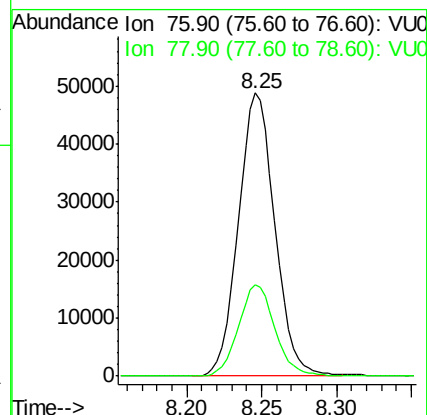
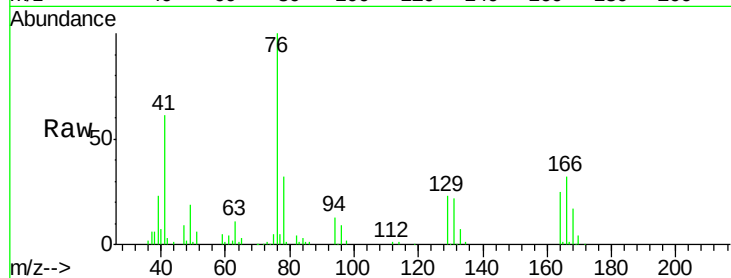




#57
 1,3-Dichloropropane
 Concen: 21.822 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

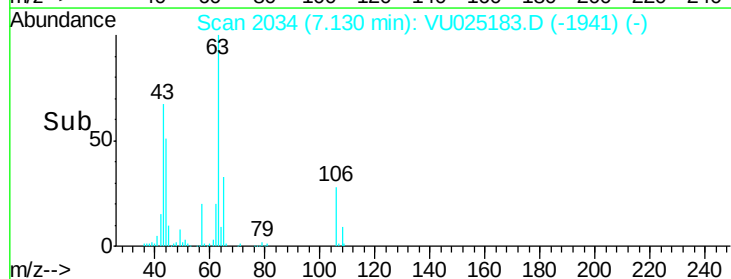
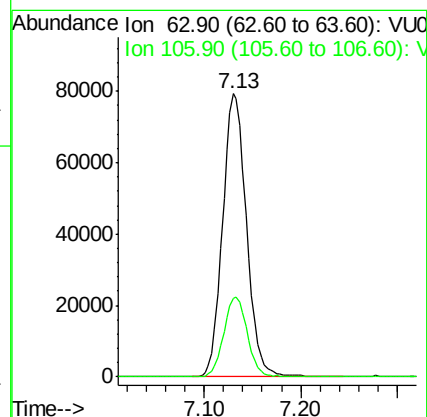
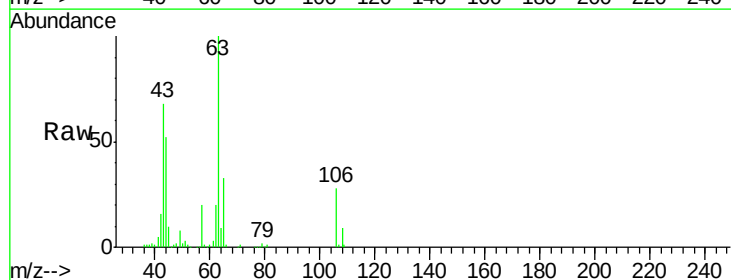
Instrument :
 MSVOA_U
 ClientSampleId :

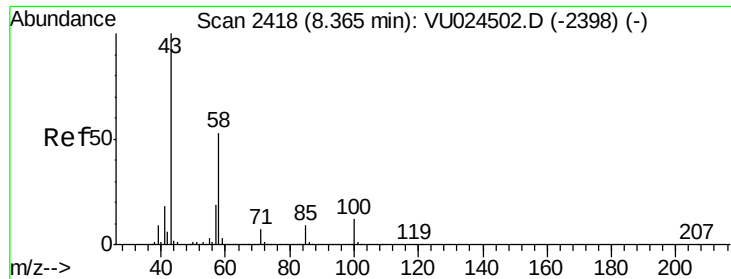
Tot Ion: 76 Resp: 82493
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.769 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion: 63 Resp: 136177
 Ion Ratio Lower Upper
 63 100
 106 27.7 20.2 30.2

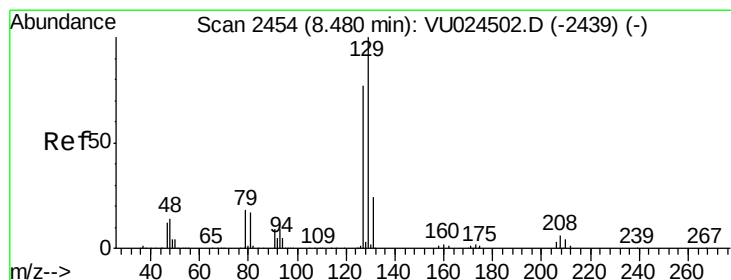
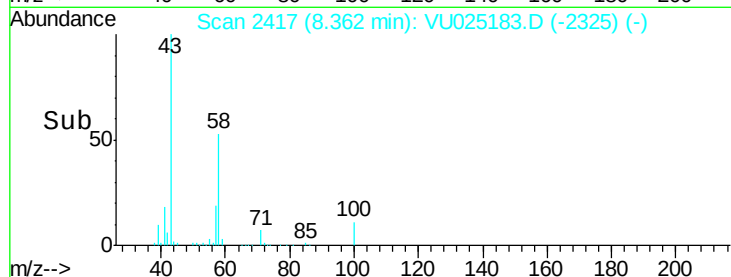
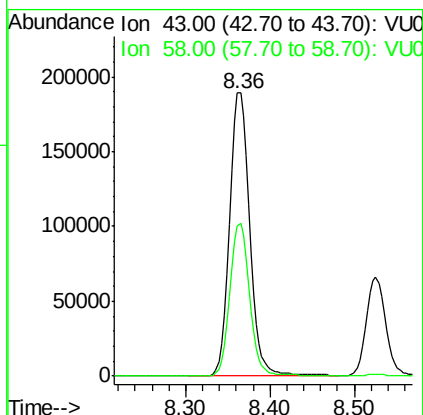
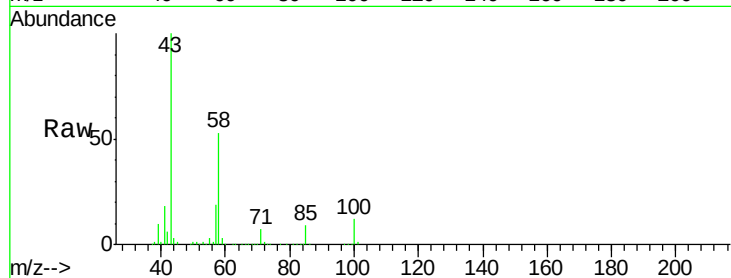




#59
2-Hexanone
Concen: 108.237 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

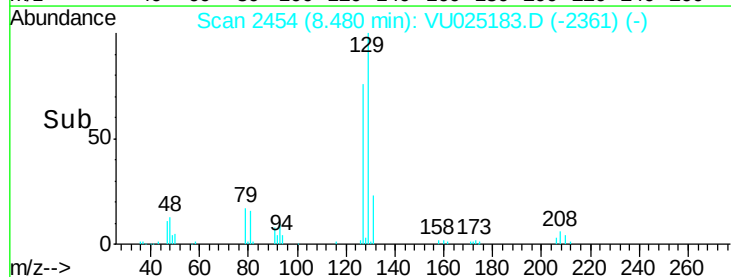
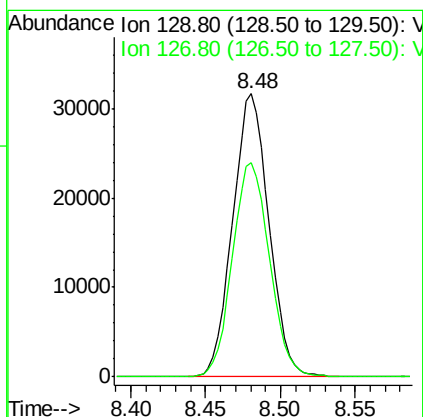
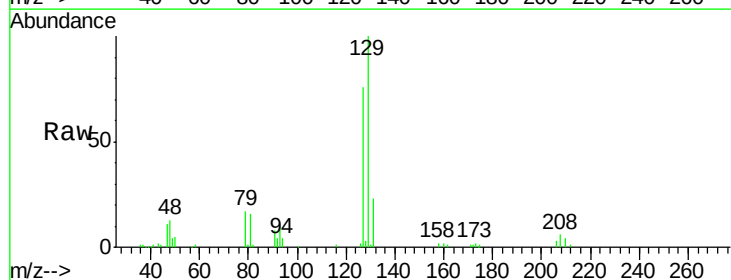
Instrument :
MSVOA_U
ClientSampleId :

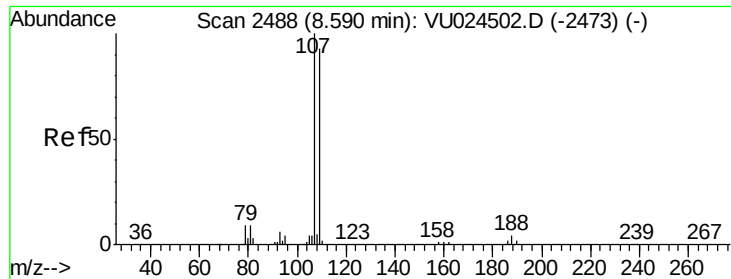
Tot Ion: 43 Resp: 314525
Ion Ratio Lower Upper
43 100
58 52.4 26.4 79.0



#60
Dibromochloromethane
Concen: 19.122 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:129 Resp: 53436
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.728 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

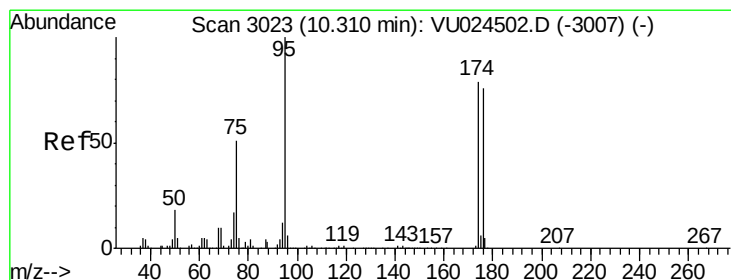
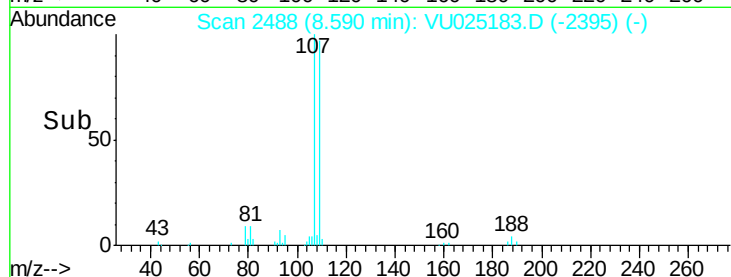
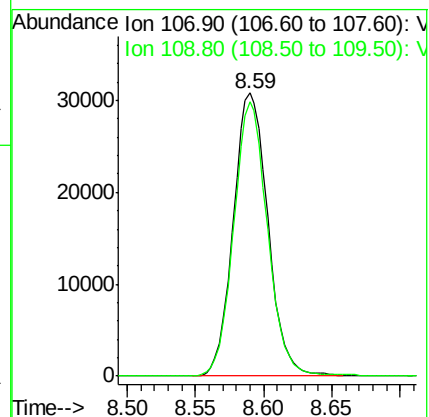
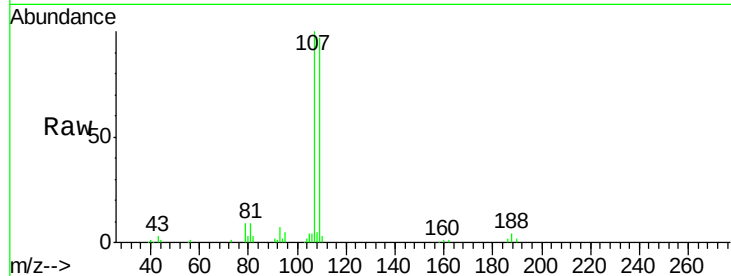
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:107 Resp: 54195

Ion Ratio Lower Upper

107 100

109 95.0 74.5 111.7



#62

4-Bromofluorobenzene

Concen: 48.742 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

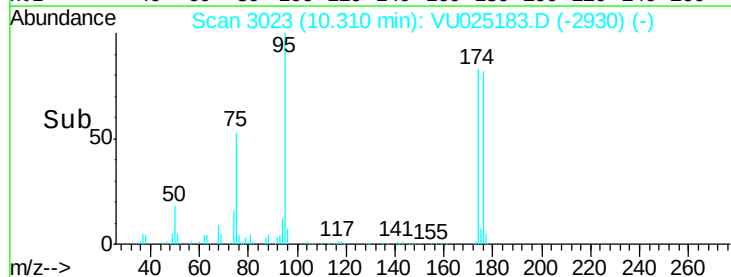
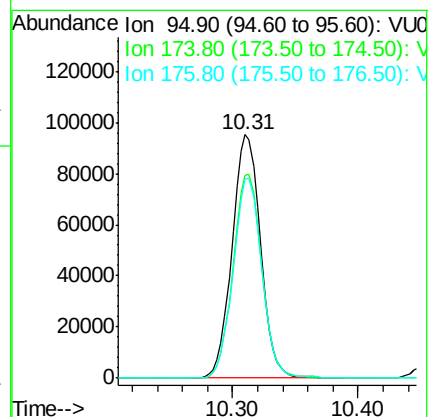
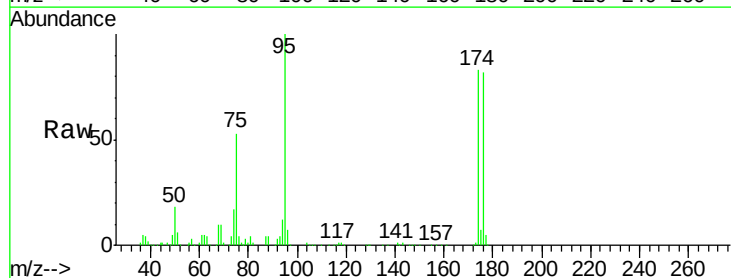
Tgt Ion: 95 Resp: 149926

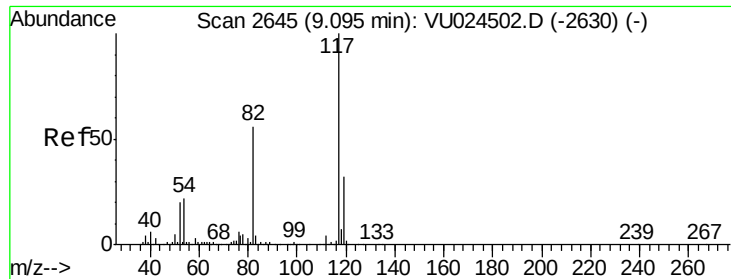
Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

176 82.8 0.0 159.4

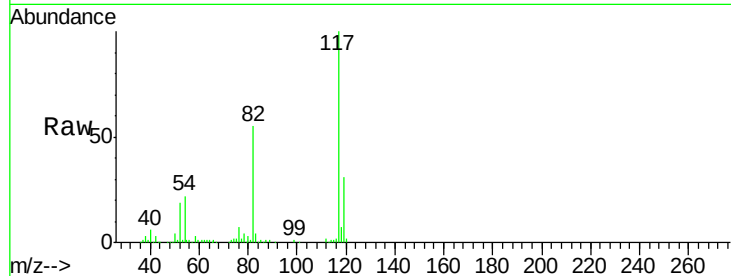




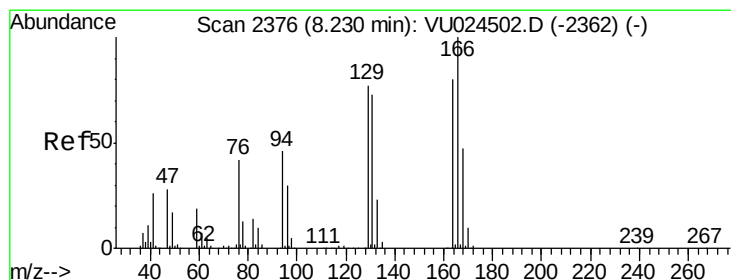
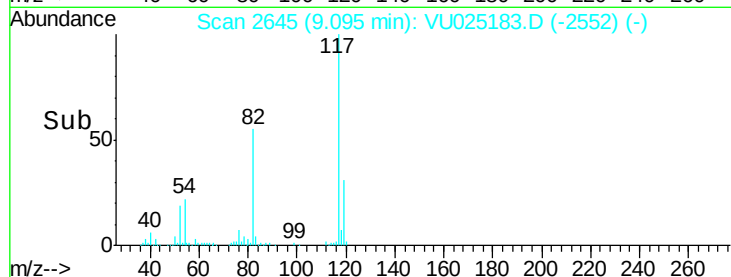
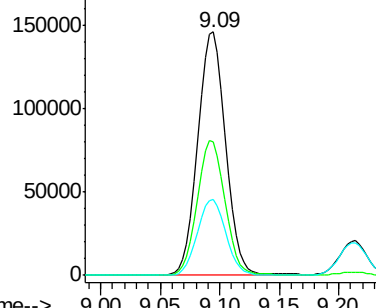
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.3	66.5
119	31.0	25.4	38.2



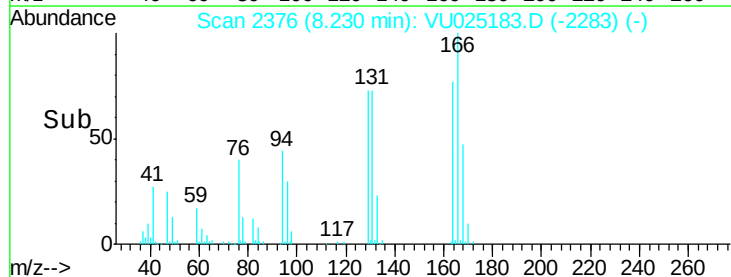
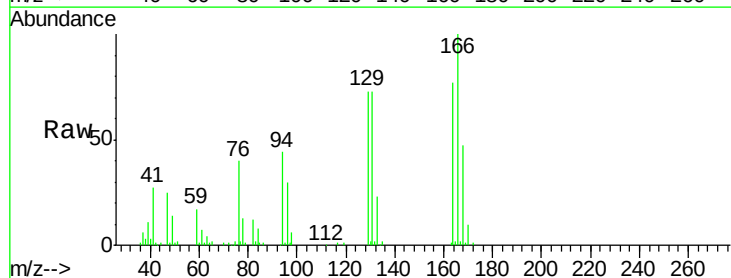
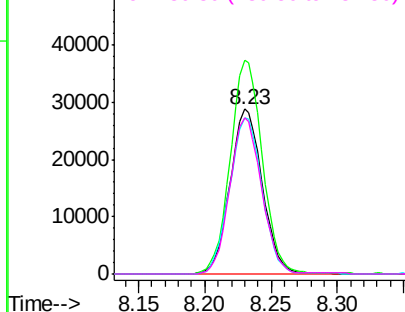
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

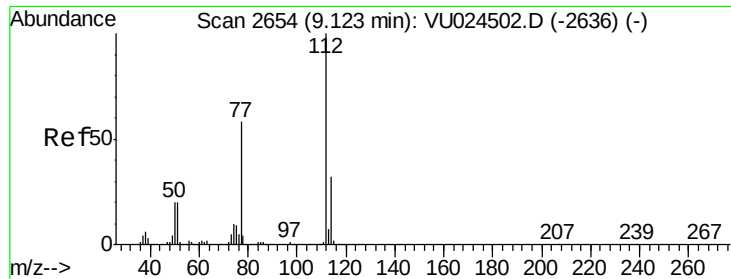


#64
Tetrachloroethene
Concen: 21.628 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	101.7	152.5
129	94.7	76.9	115.3
131	95.0	74.9	112.3

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

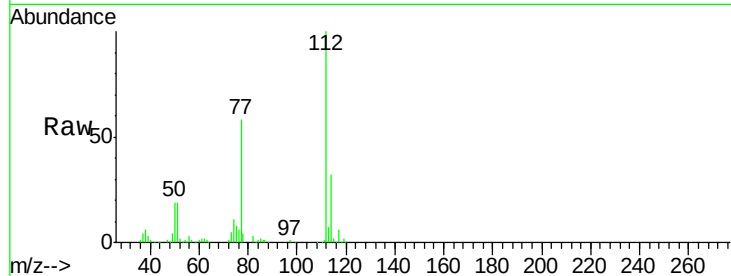




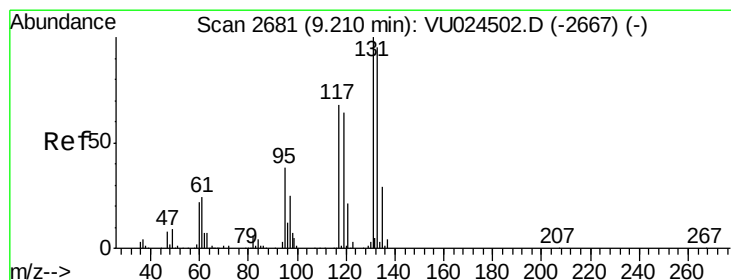
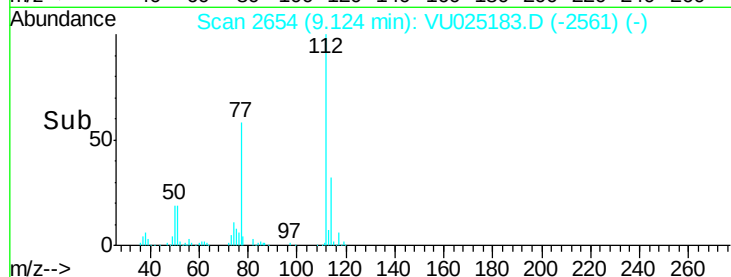
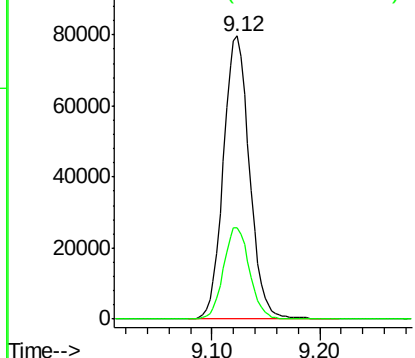
#65
Chlorobenzene
Concen: 22.114 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:112 Resp: 134485
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4

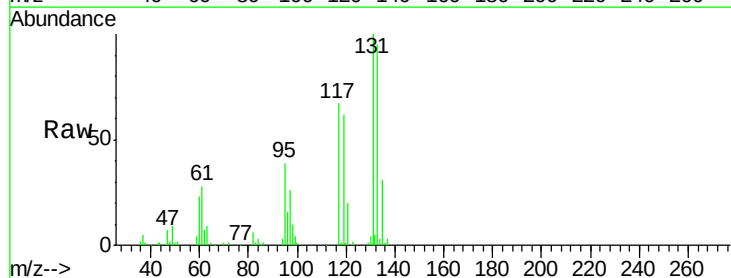


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

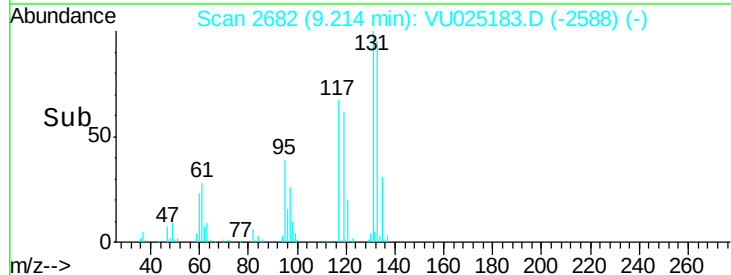
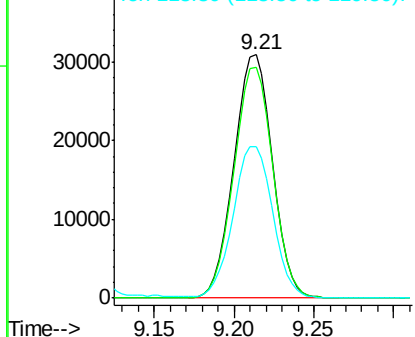


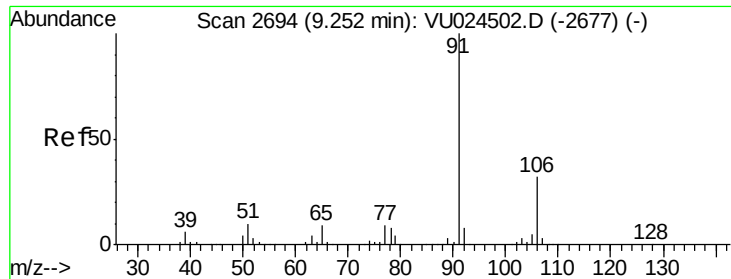
#66
1,1,1,2-Tetrachloroethane
Concen: 21.929 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:131 Resp: 50667
Ion Ratio Lower Upper
131 100
133 95.8 46.9 140.8
119 64.2 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

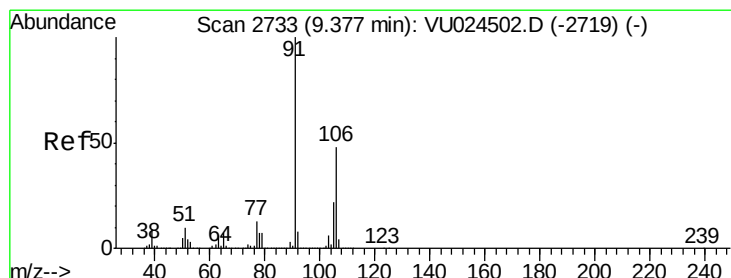
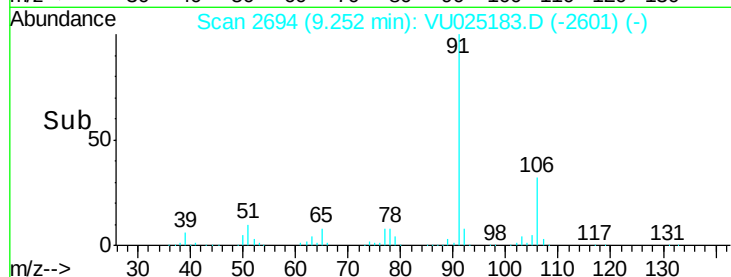
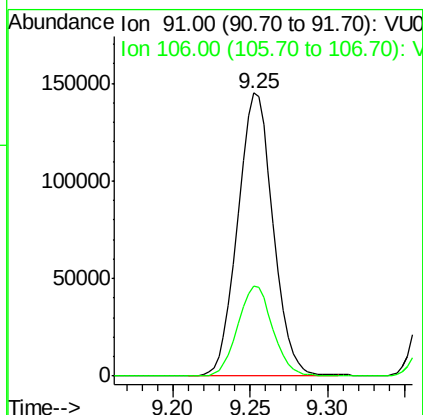
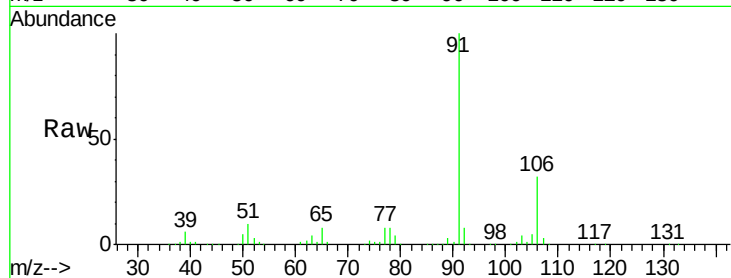




#67
Ethyl Benzene
Concen: 21.660 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

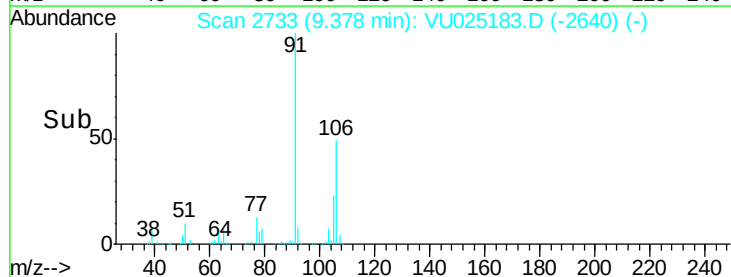
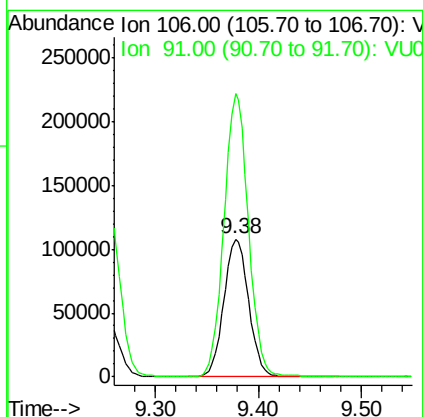
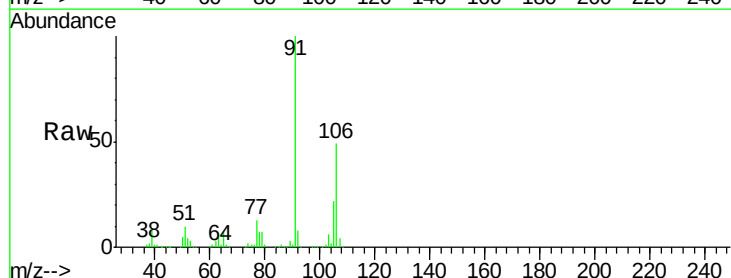
Instrument :
MSVOA_U
ClientSampled :

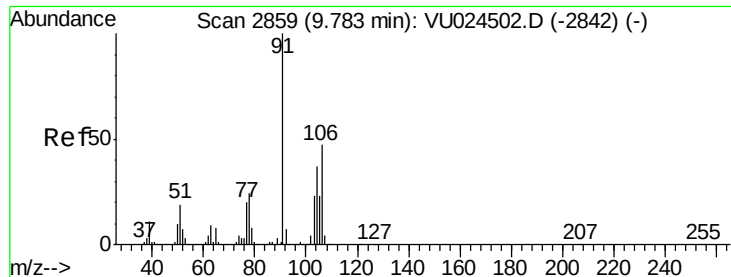
Tot Ion: 91 Resp: 230921
Ion Ratio Lower Upper
91 100
106 31.8 24.2 36.4



#68
m/p-Xylenes
Concen: 44.210 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 106 Resp: 180993
Ion Ratio Lower Upper
106 100
91 201.5 166.5 249.7

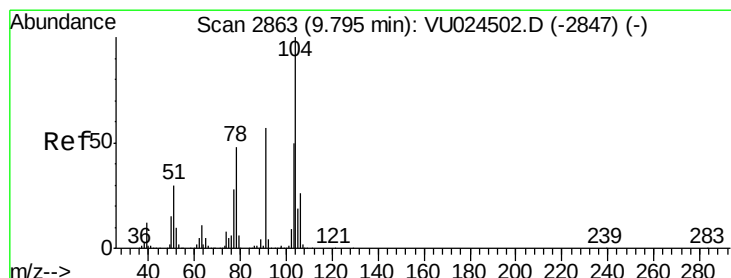
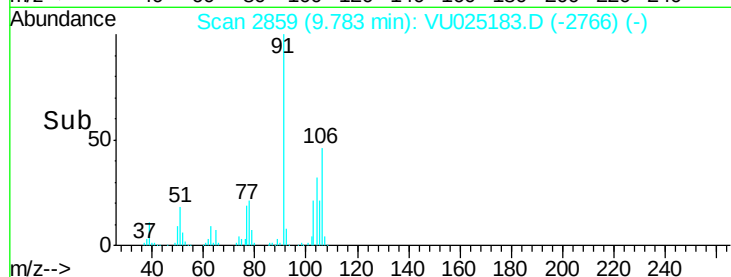
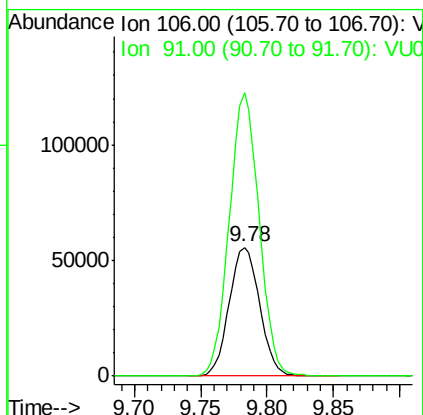
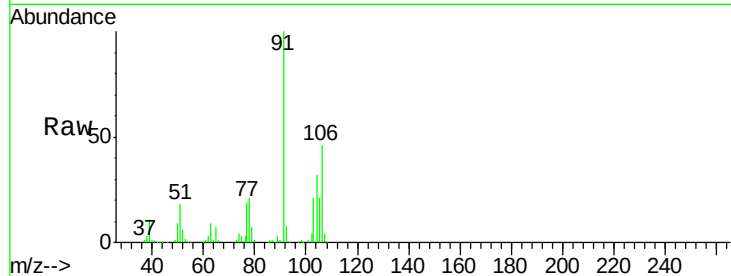




#69
o-Xylene
Concen: 22.015 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

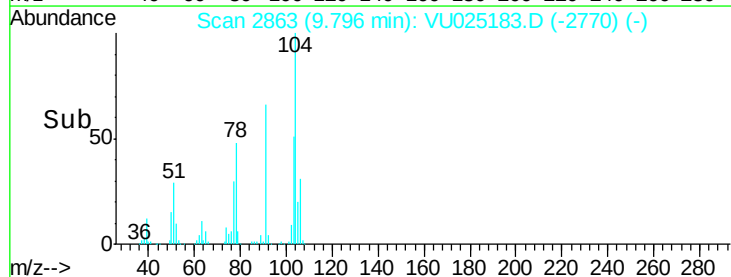
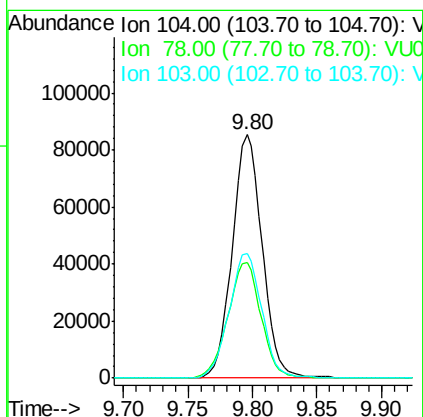
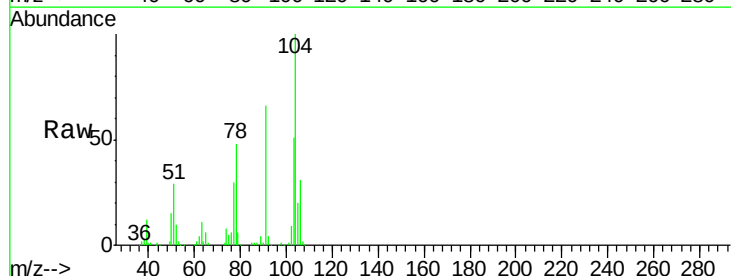
Instrument :
MSVOA_U
ClientSampleId :

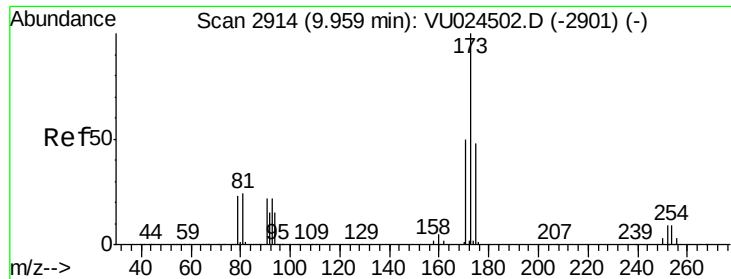
Tot Ion:106 Resp: 89197
Ion Ratio Lower Upper
106 100
91 214.9 110.7 331.9



#70
Styrene
Concen: 20.710 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:104 Resp: 137893
Ion Ratio Lower Upper
104 100
78 52.5 40.6 60.8
103 55.9 44.7 67.1





#71

Bromoform

Concen: 18.913 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :

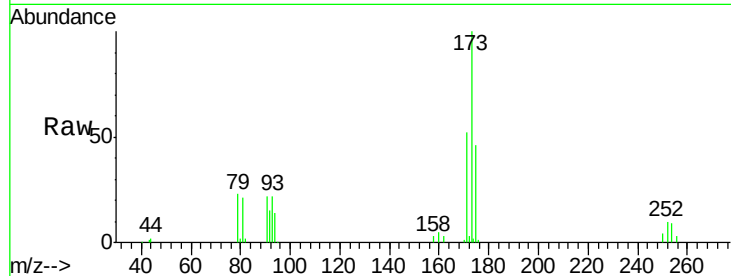
Tot Ion:173 Resp: 41536

Ion Ratio Lower Upper

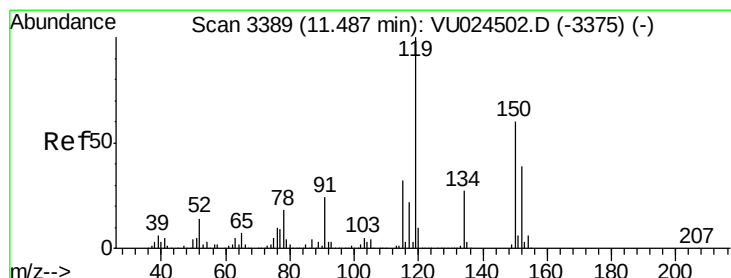
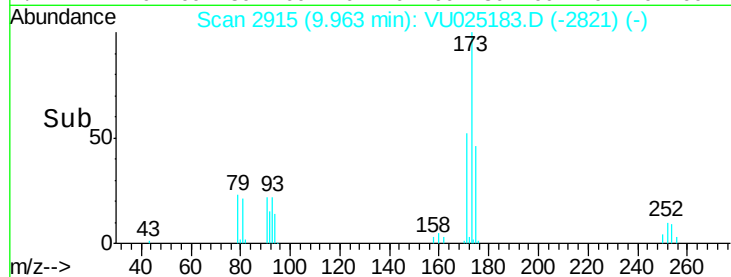
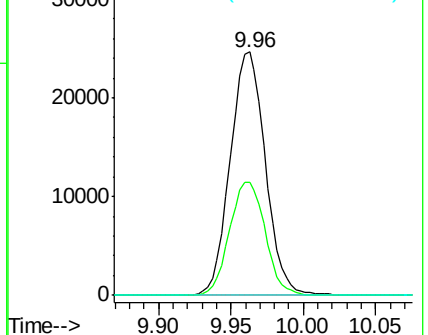
173 100

175 47.1 24.6 74.0

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# 3389

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

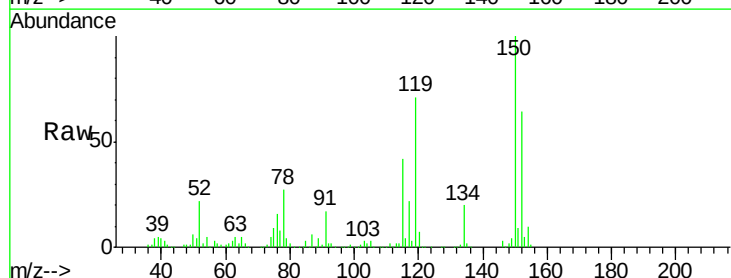
Tgt Ion:152 Resp: 138694

Ion Ratio Lower Upper

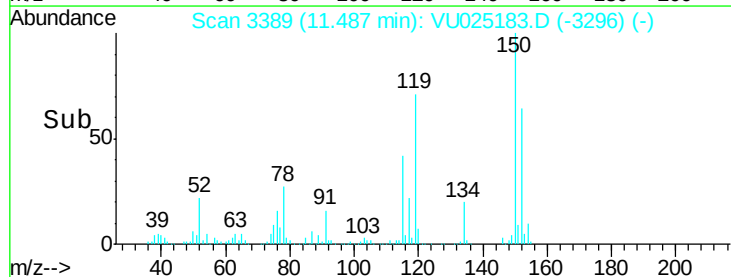
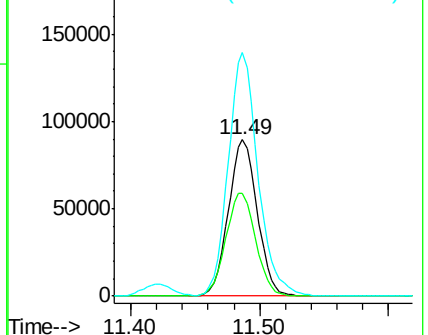
152 100

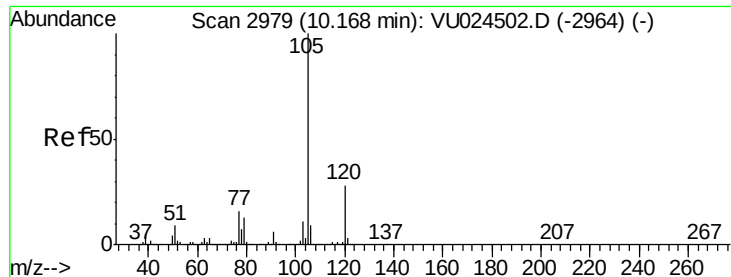
115 68.4 43.0 129.0

150 160.6 0.0 354.0



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: 22.596 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

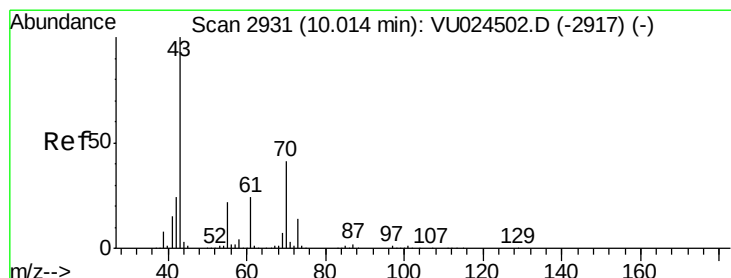
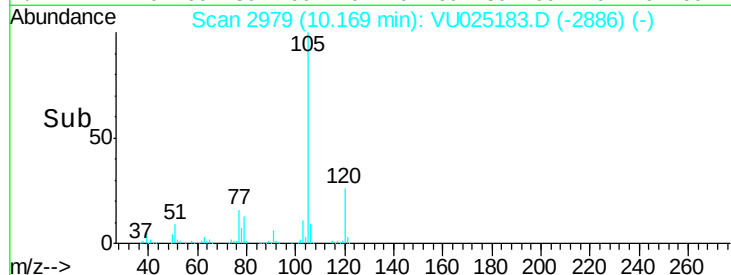
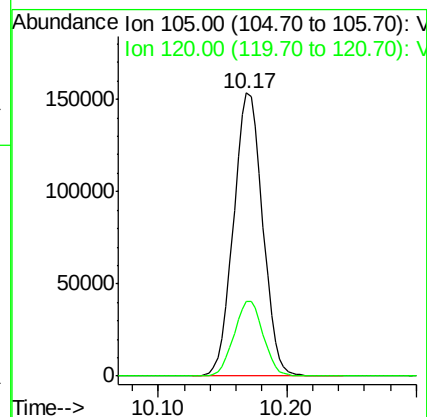
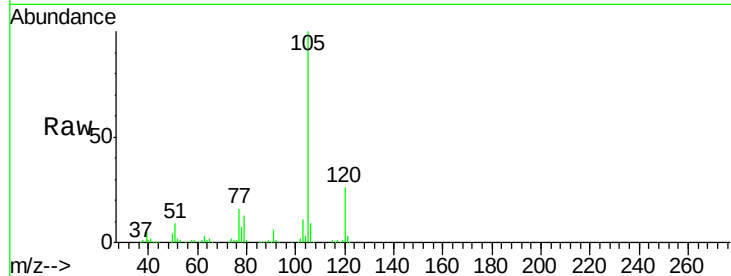
ClientSampleId :

Tot Ion:105 Resp: 240607

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 19.435 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion: 43 Resp: 98438

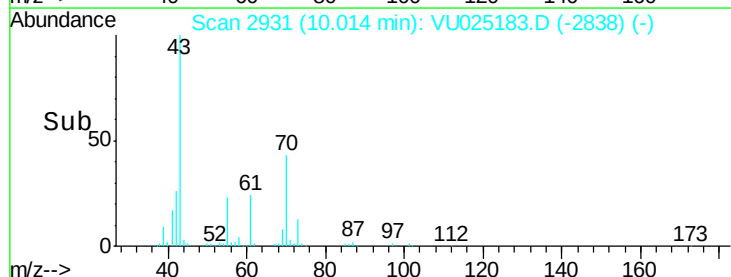
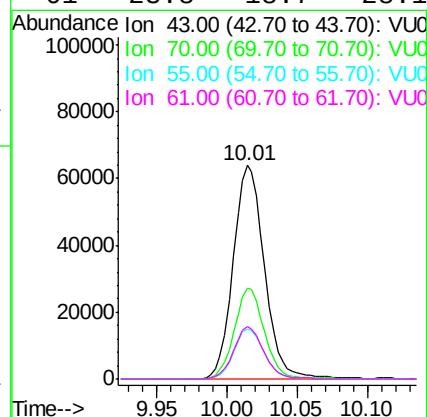
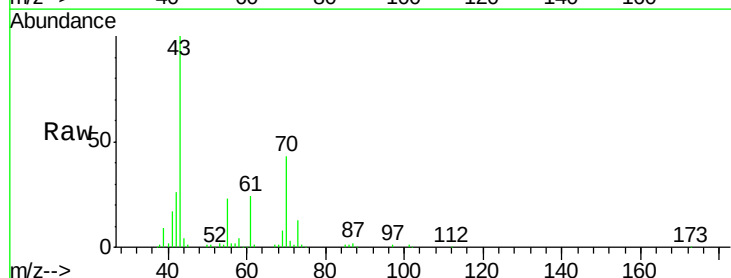
Ion Ratio Lower Upper

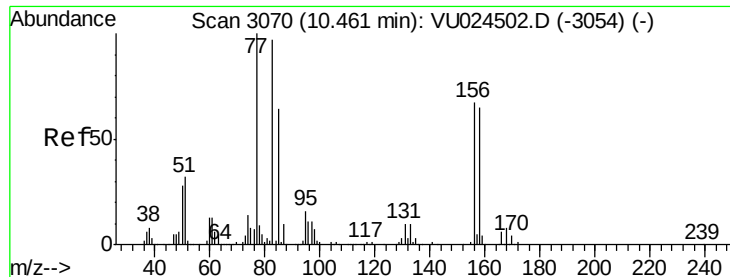
43 100

70 41.4 32.2 48.4

55 23.3 20.5 30.7

61 23.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.765 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

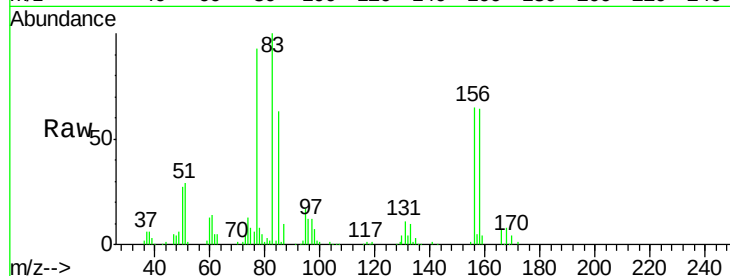
Tot Ion: 83 Resp: 81231

Ion Ratio Lower Upper

83 100

131 10.9 4.7 14.1

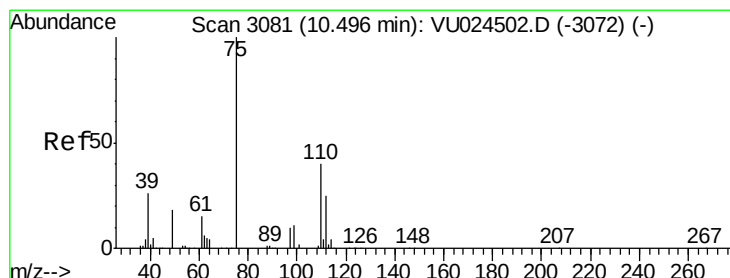
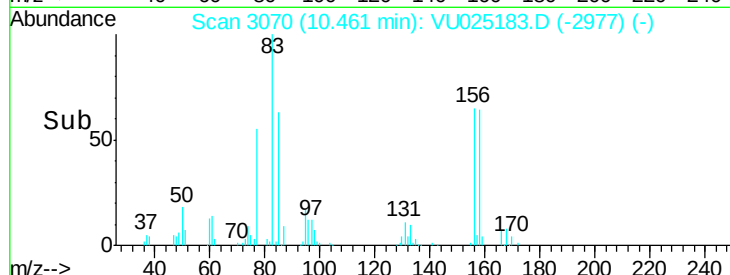
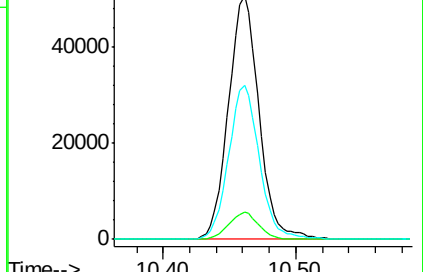
85 63.7 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU025183.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025183.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025183.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 31.185 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025183.D

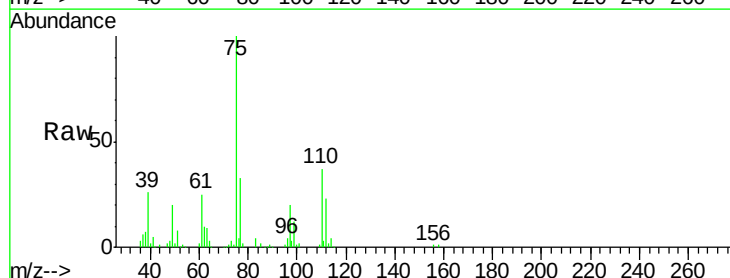
Acq: 03 Jul 2018 11:37

Tgt Ion: 75 Resp: 95226

Ion Ratio Lower Upper

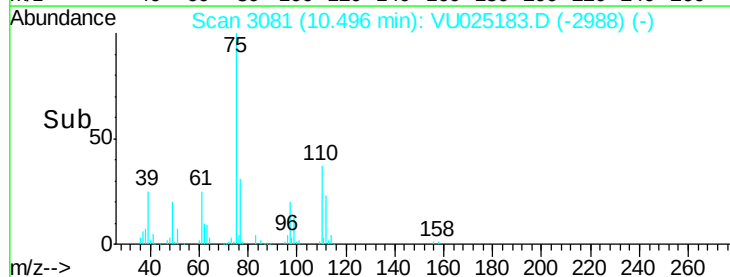
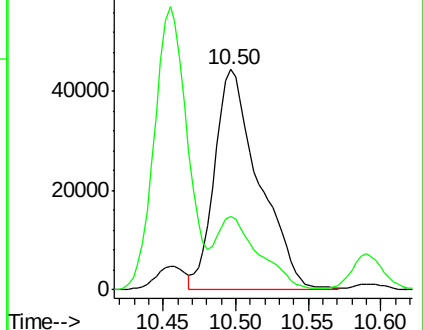
75 100

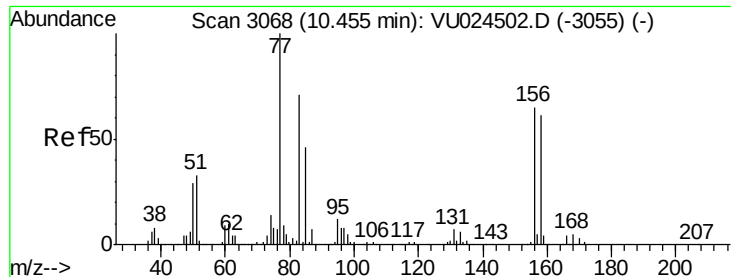
77 32.2 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025183.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025183.D (-2988) (-)





#77

Bromobenzene

Concen: 22.635 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampled :

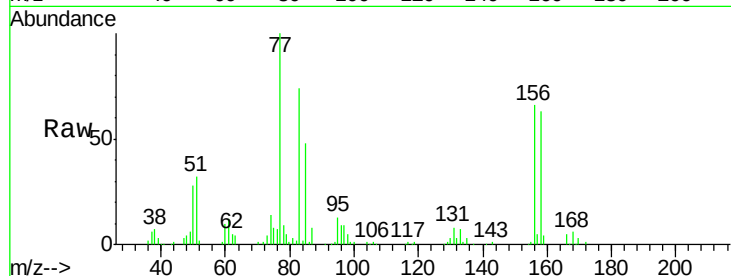
Tot Ion:156 Resp: 61020

Ion Ratio Lower Upper

156 100

77 148.8 80.5 241.3

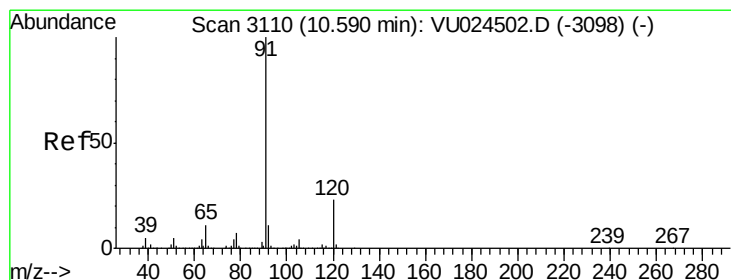
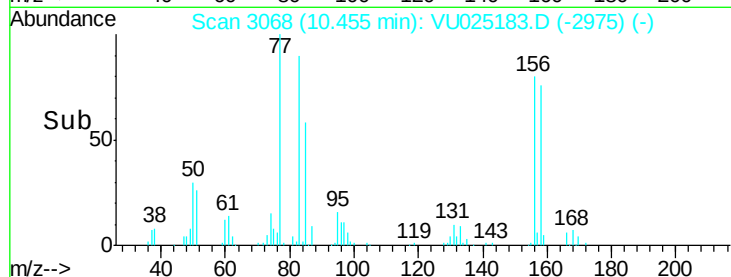
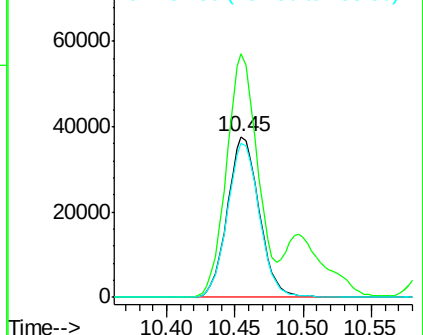
158 96.4 48.2 144.6



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: 21.031 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025183.D

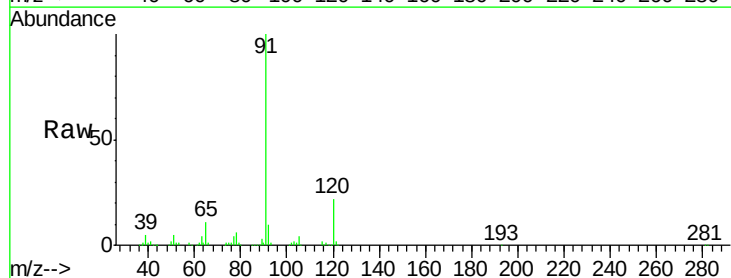
Acq: 03 Jul 2018 11:37

Tgt Ion: 91 Resp: 263802

Ion Ratio Lower Upper

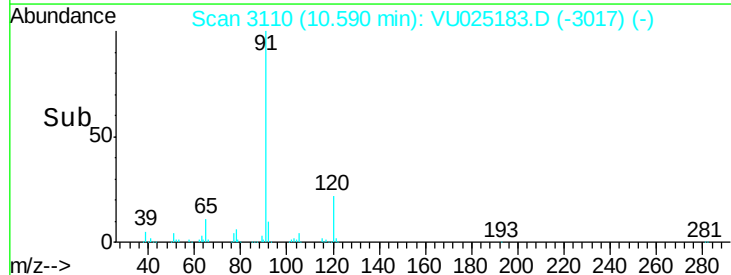
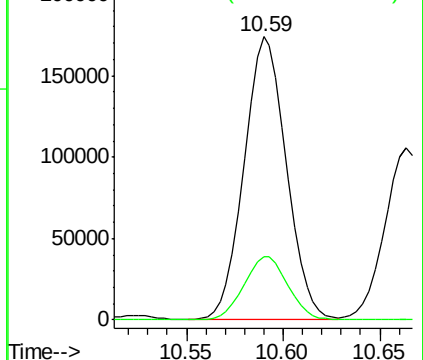
91 100

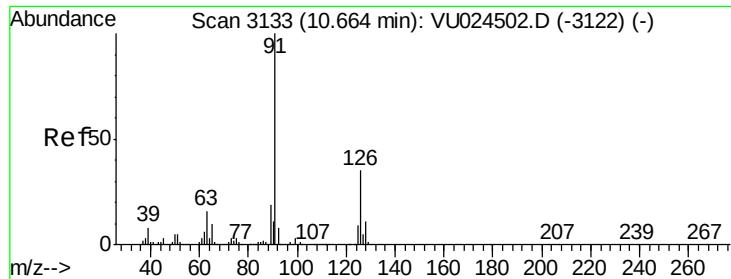
120 23.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.316 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

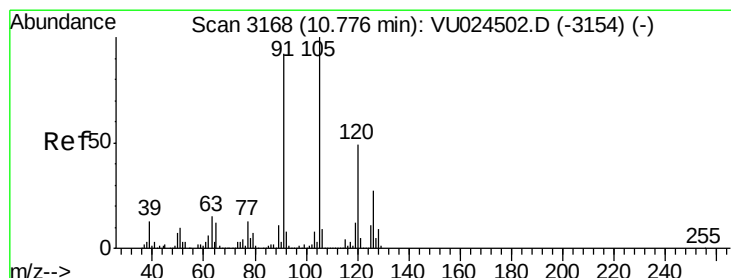
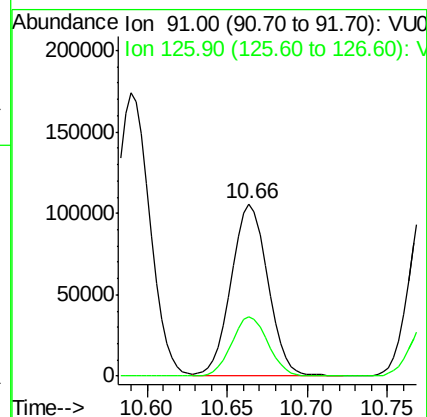
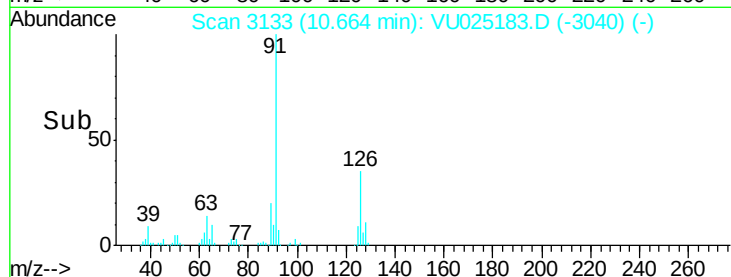
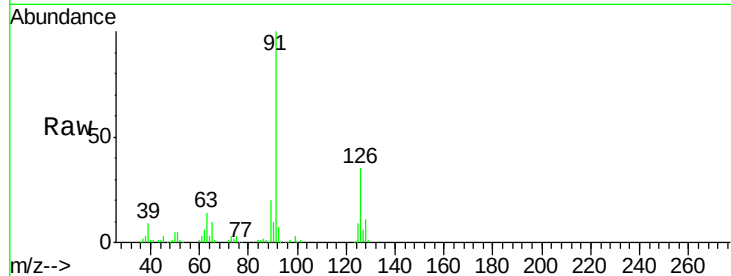
ClientSampleId :

Tot Ion: 91 Resp: 165079

Ion Ratio Lower Upper

91 100

126 34.2 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 21.918 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025183.D

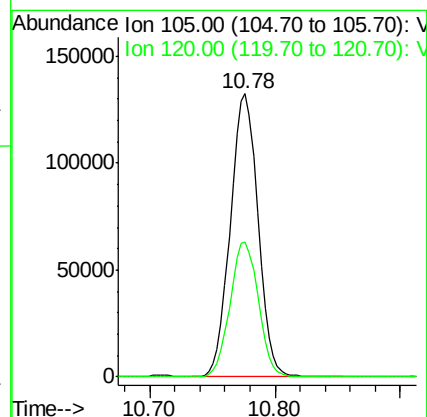
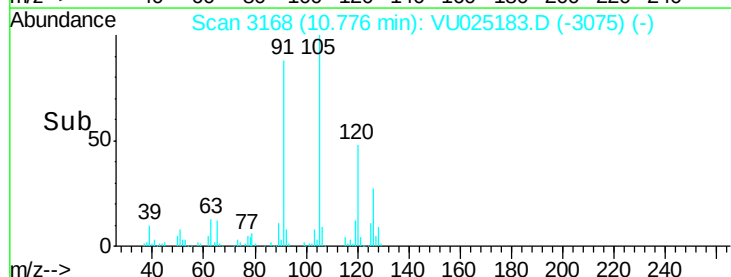
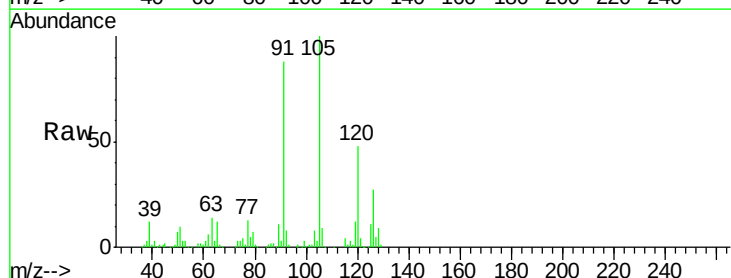
Acq: 03 Jul 2018 11:37

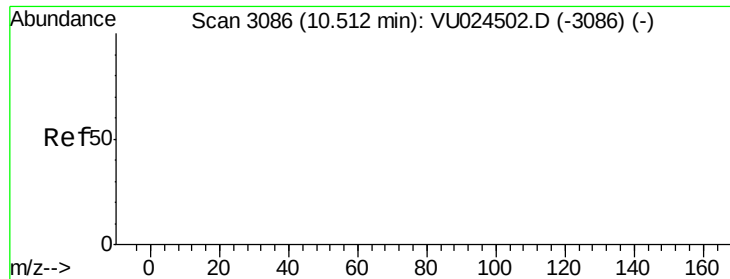
Tgt Ion: 105 Resp: 202287

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2

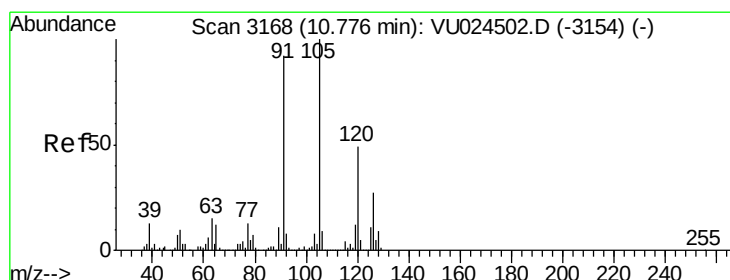
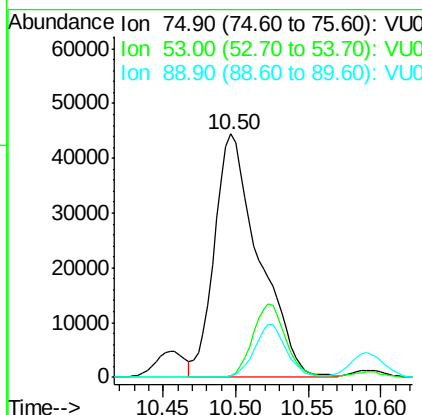
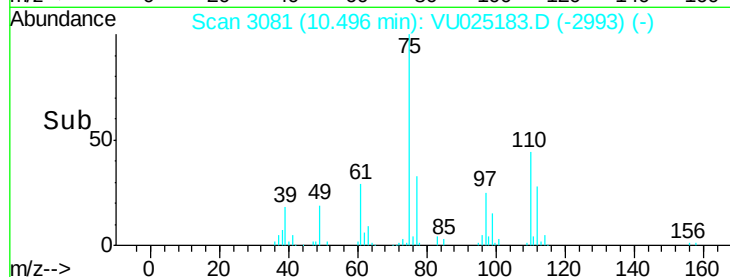
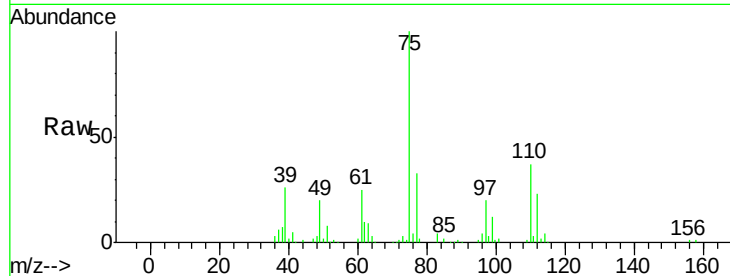




#81
trans-1,4-Dichloro-2-butene
Concen: 72.176 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

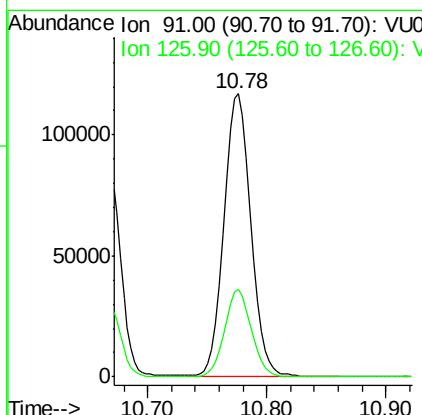
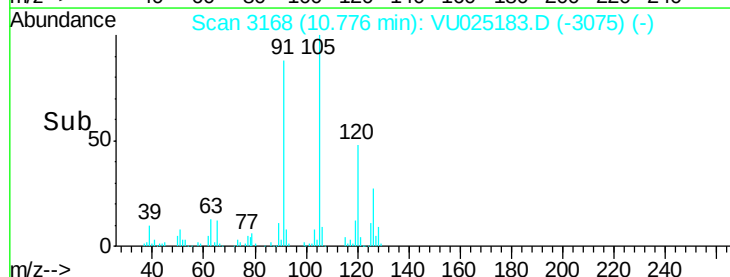
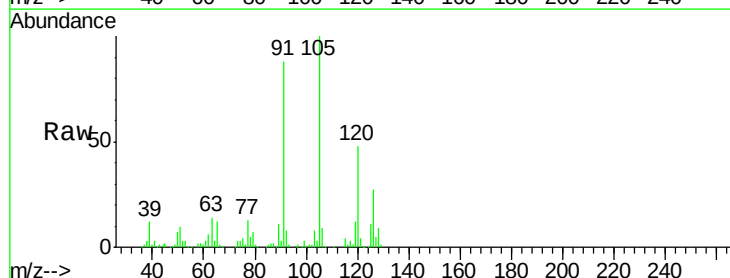
Instrument :
MSVOA_U
ClientSampleId :

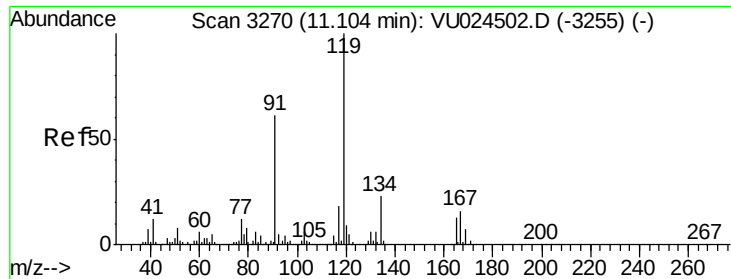
Tot Ion: 75 Resp: 95226
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.182 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 91 Resp: 182373
Ion Ratio Lower Upper
91 100
126 30.7 14.9 44.9

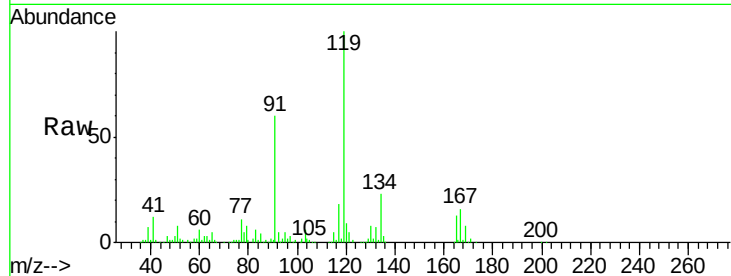




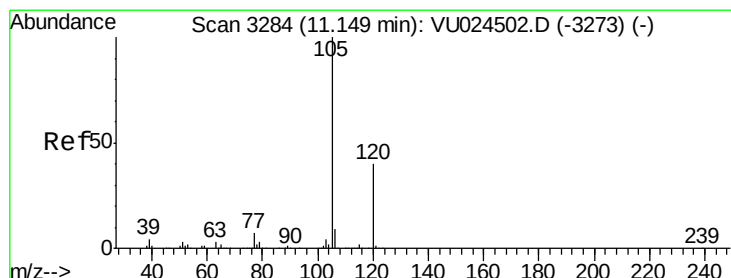
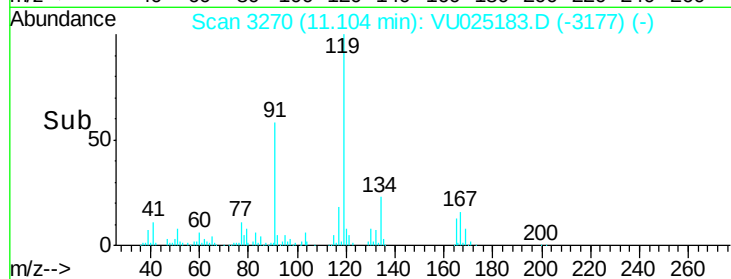
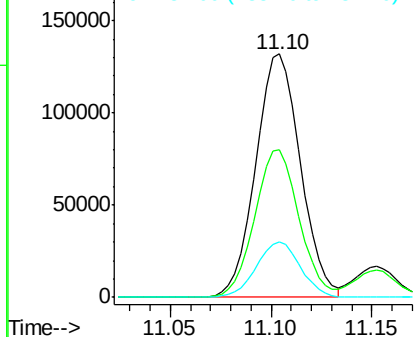
#83
 tert-Butylbenzene
 Concen: 23.018 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.7	89.1
134	22.5	11.6	34.7

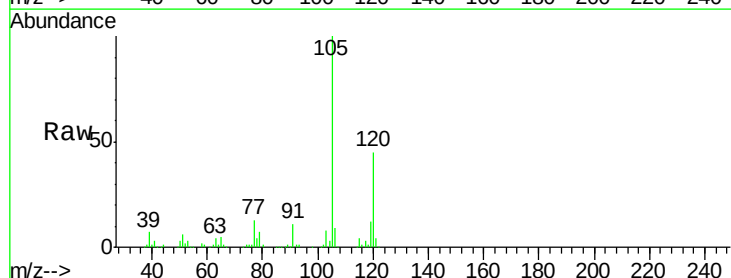


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

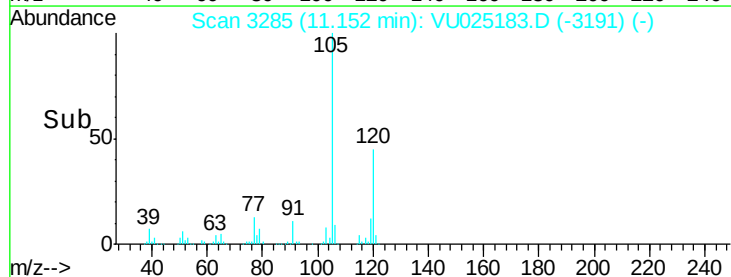
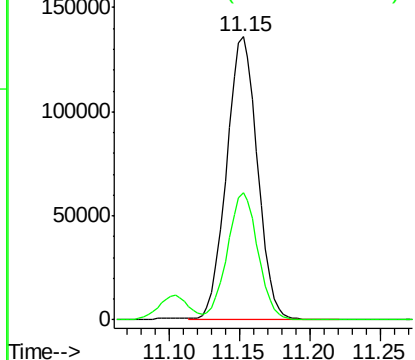


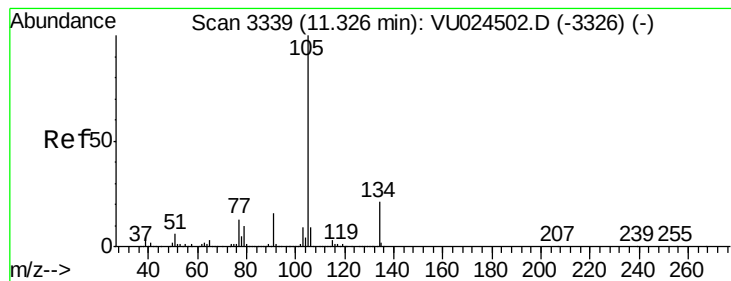
#84
 1,2,4-Trimethylbenzene
 Concen: 22.122 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.6	67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.359 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

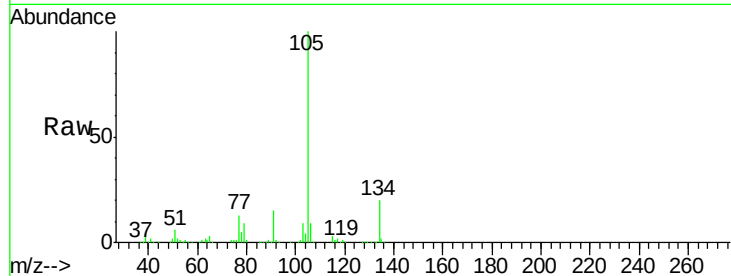
ClientSampleId :

Tot Ion:105 Resp: 237366

Ion Ratio Lower Upper

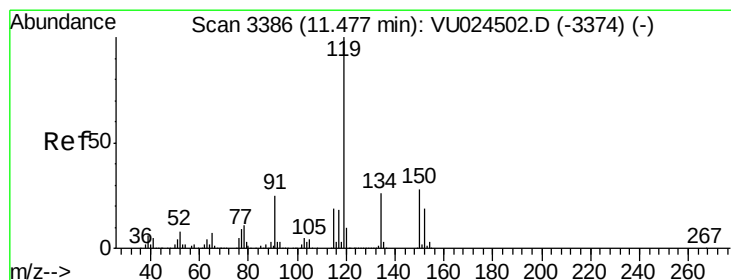
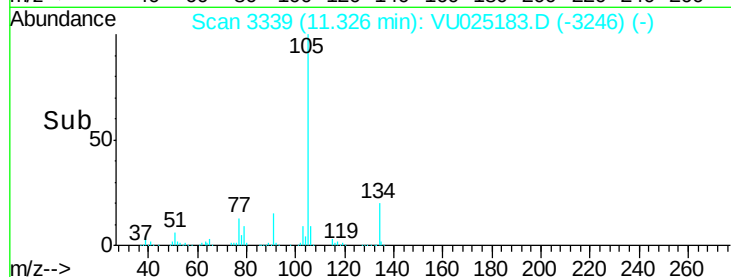
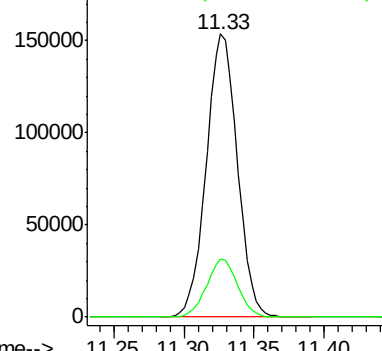
105 100

134 20.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.924 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

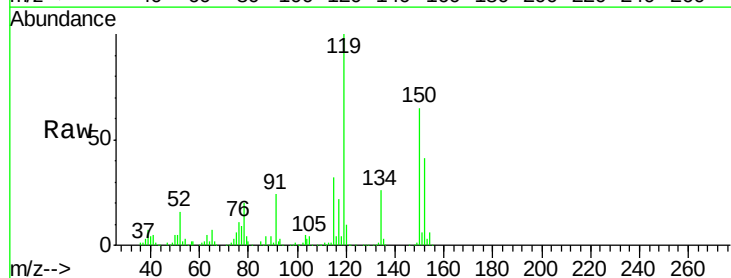
Tgt Ion:119 Resp: 208257

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

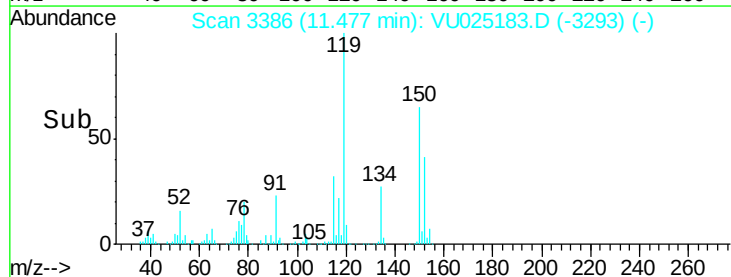
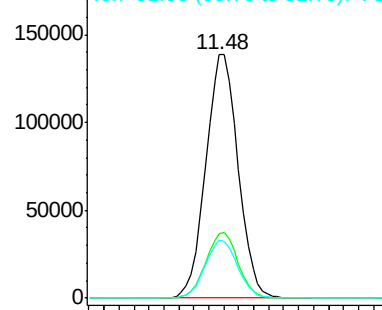
91 24.0 12.0 36.1

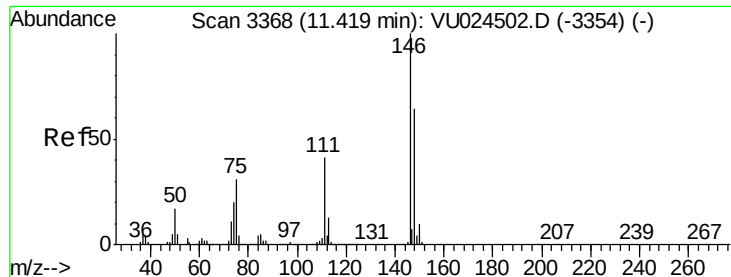


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

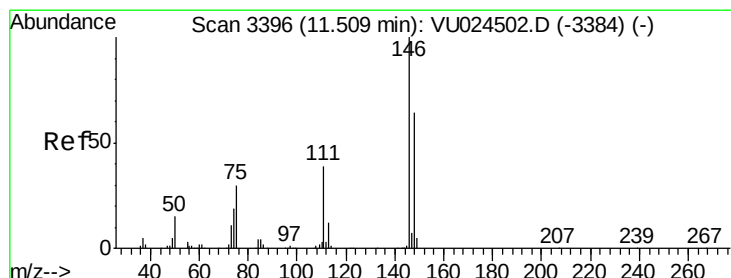
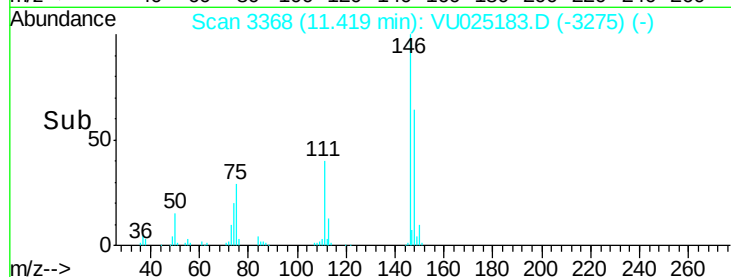
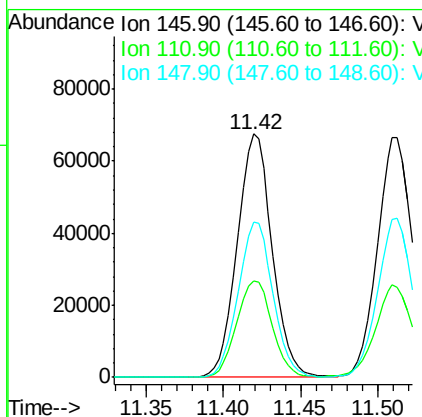
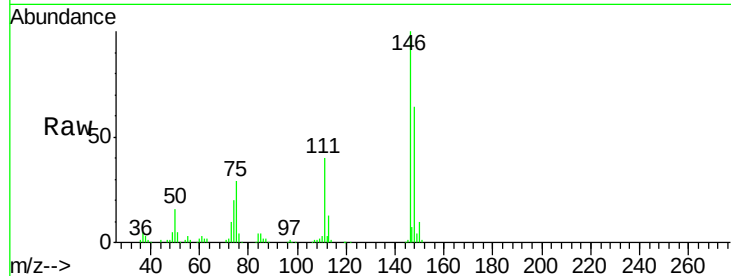




#87
 1,3-Dichlorobenzene
 Concen: 21.277 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

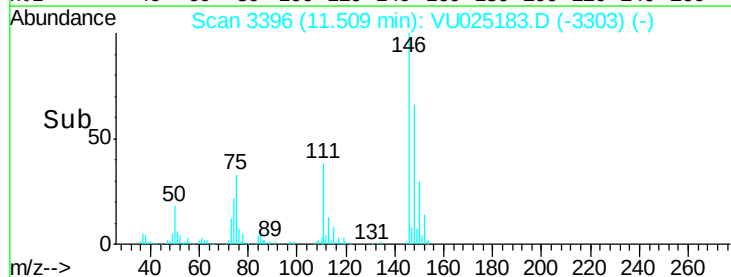
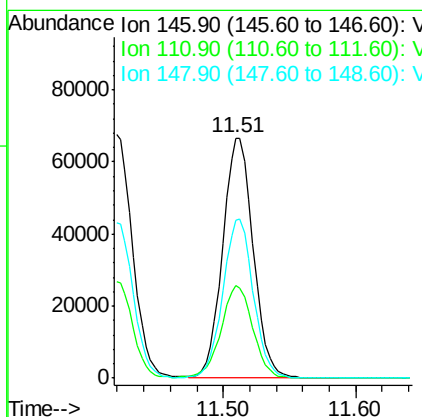
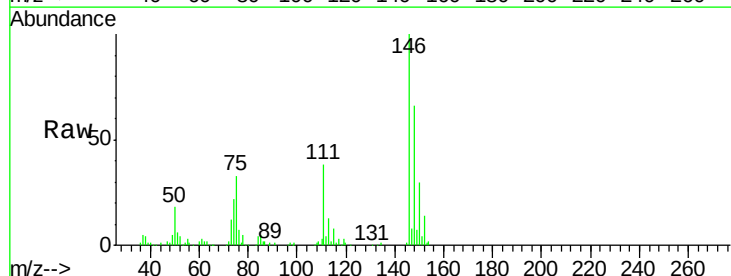
Instrument :
 MSVOA_U
 ClientSampleId :

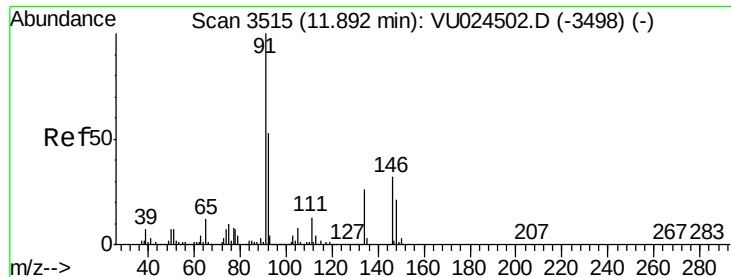
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	63.6	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.249 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.5	58.5
148	66.0	32.4	97.0





#89

n-Butylbenzene

Concen: 18.310 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampled :

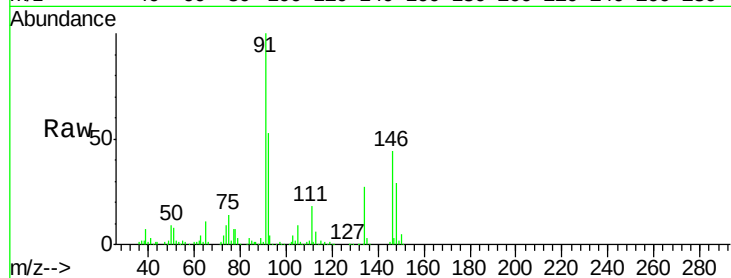
Tot Ion: 91 Resp: 161795

Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.6	76.8
134	27.0	12.3	36.8

91 100

92 52.6 25.6 76.8

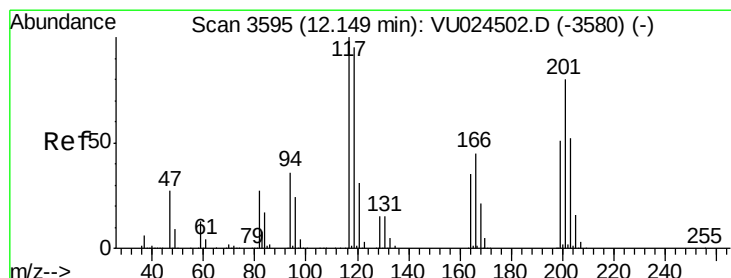
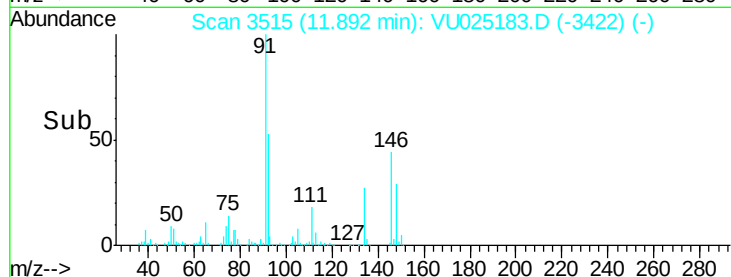
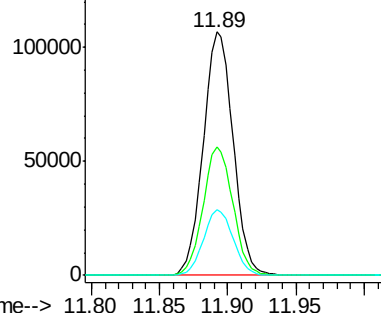
134 27.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

Ion 92.00 (91.70 to 92.70): VU024502.D (-3498) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3498) (-)



#90

Hexachloroethane

Concen: 18.111 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025183.D

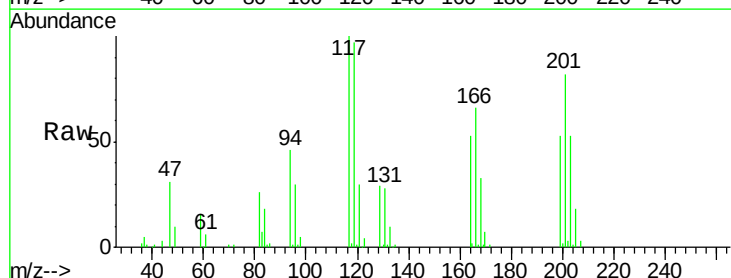
Acq: 03 Jul 2018 11:37

Tgt Ion: 117 Resp: 35164

Ion	Ratio	Lower	Upper
117	100		
201	85.2	41.1	123.3

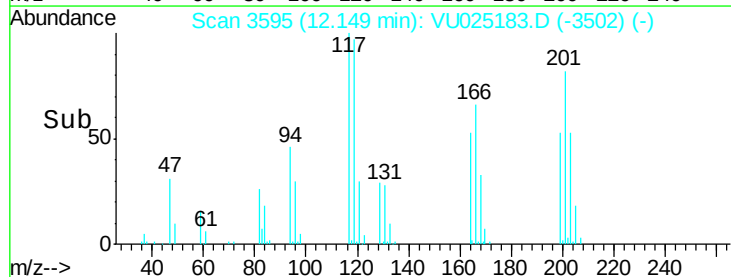
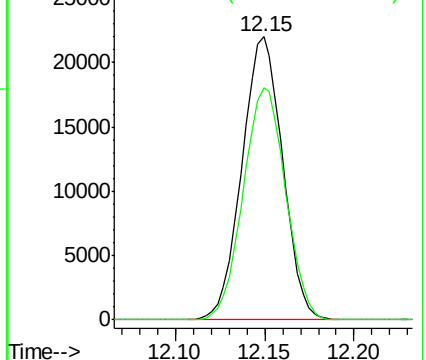
117 100

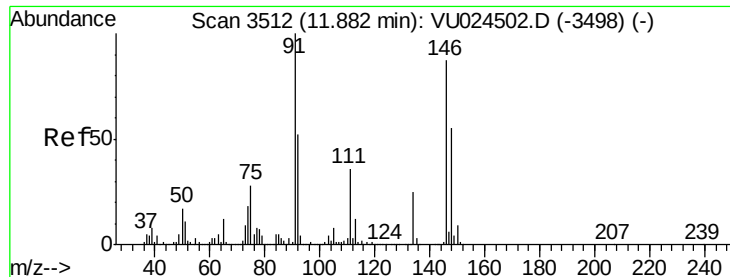
201 85.2 41.1 123.3



Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-3580) (-)

Ion 200.70 (200.40 to 201.40): VU024502.D (-3580) (-)

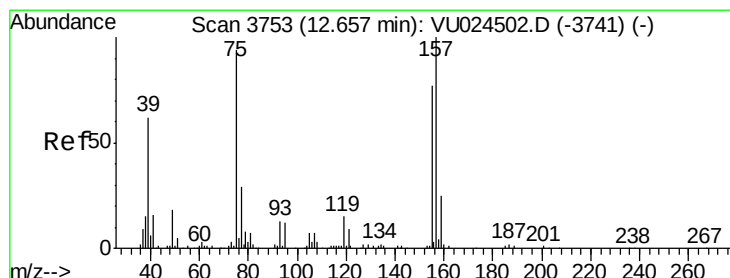
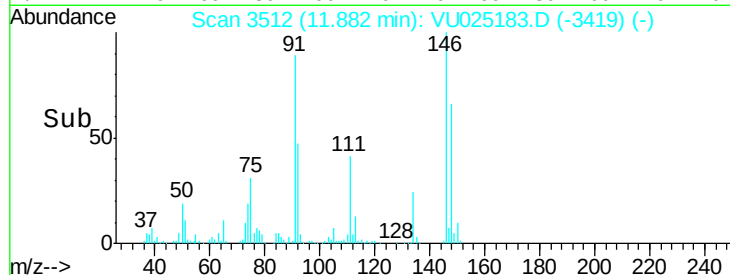
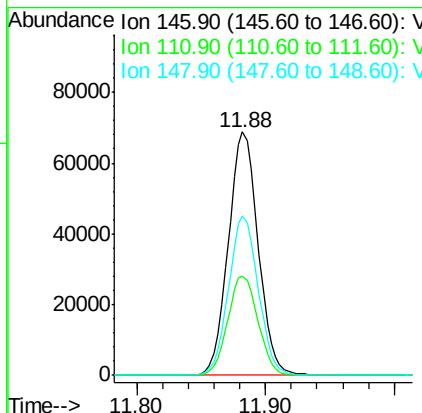
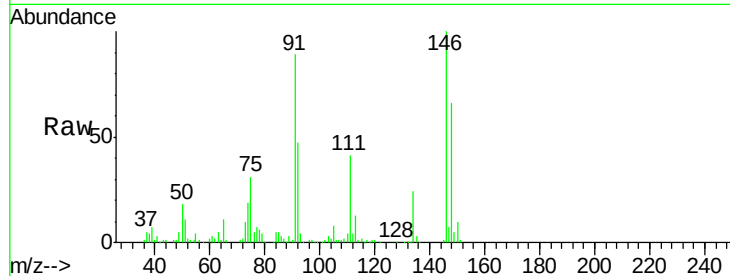




#91
 1,2-Dichlorobenzene
 Concen: 22.125 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

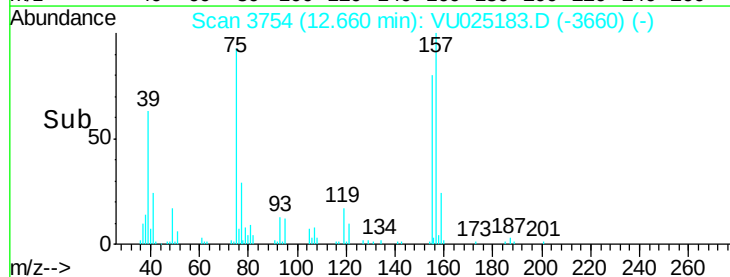
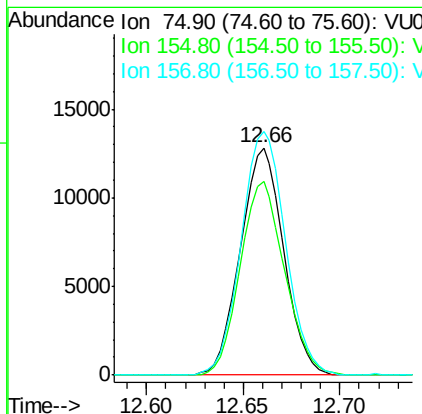
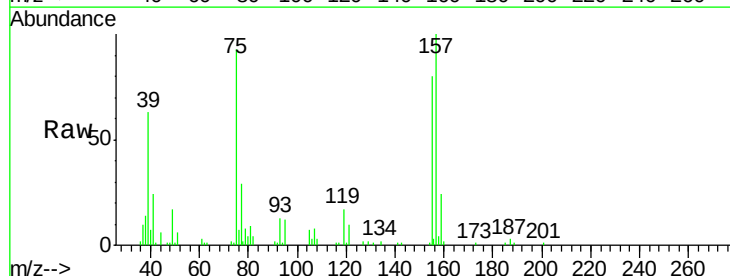
Instrument :
 MSVOA_U
 ClientSampled :

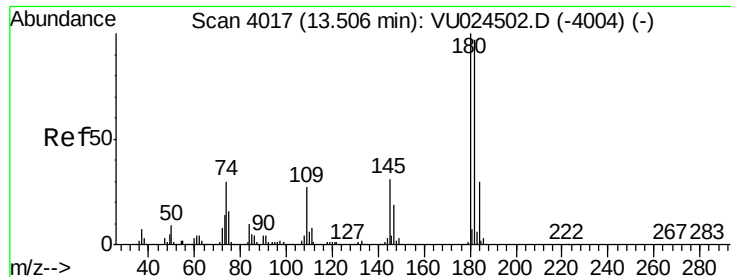
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.6
148	65.2	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.295 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	40.4	121.2
157	109.7	52.3	156.8

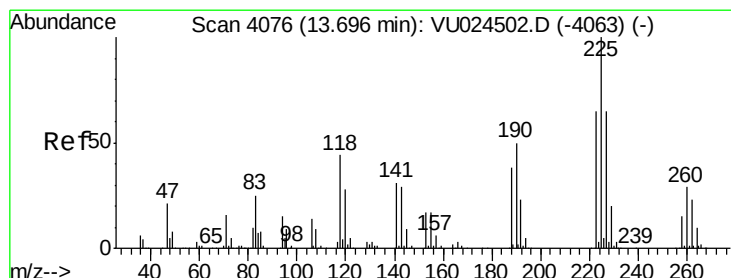
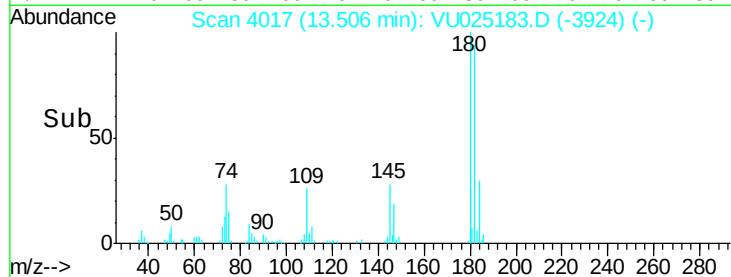
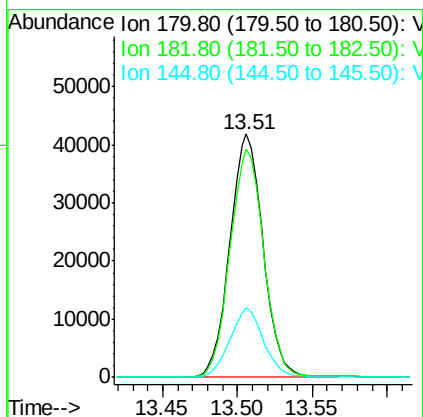
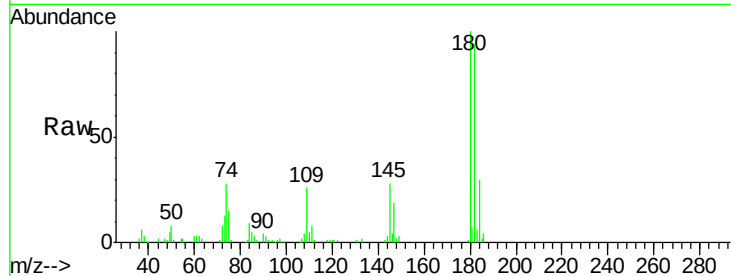




#93
 1,2,4-Trichlorobenzene
 Concen: 21.044 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

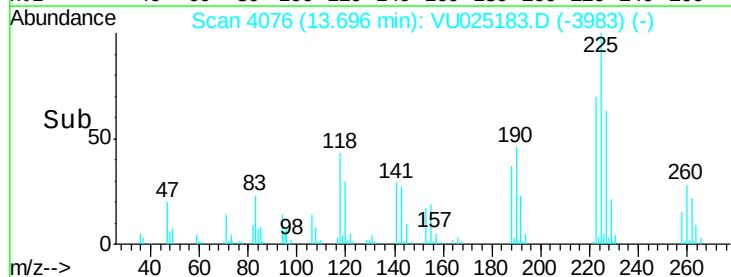
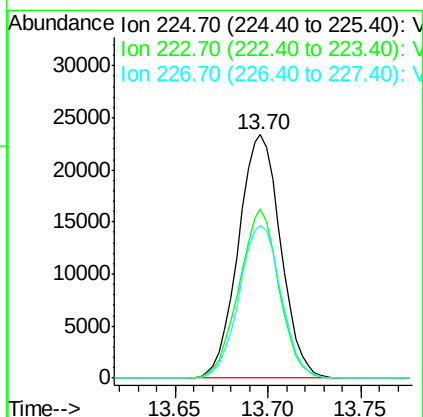
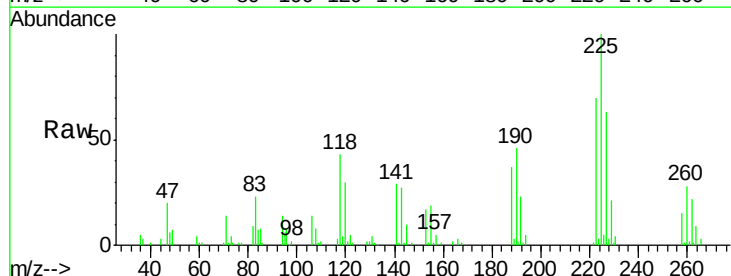
Instrument :
 MSVOA_U
 ClientSampled :

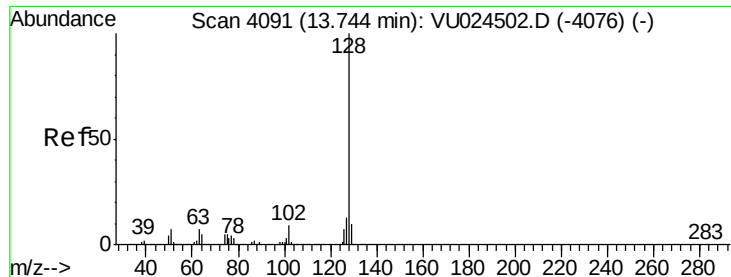
Tot Ion:180 Resp: 64828
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.0 144.2
 145 28.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 21.290 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion:225 Resp: 36914
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.3 93.8
 227 62.2 31.8 95.4





#95

Naphthalene

Concen: 21.725 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

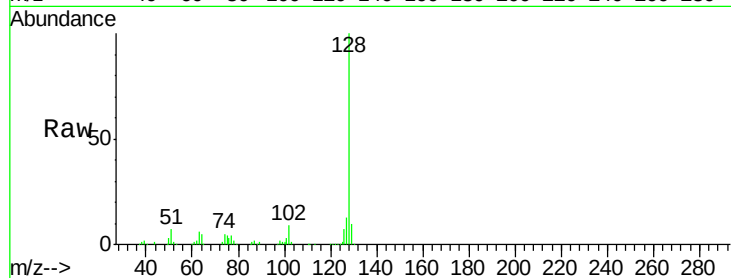
Tot Ion:128 Resp: 217581

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

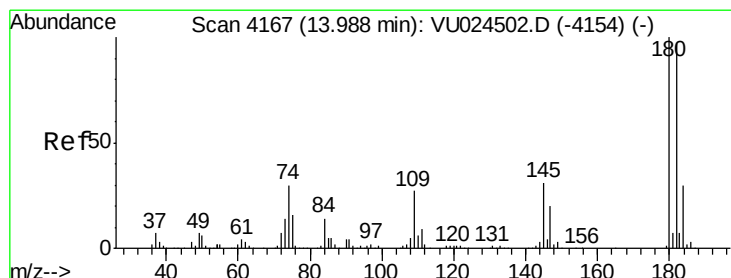
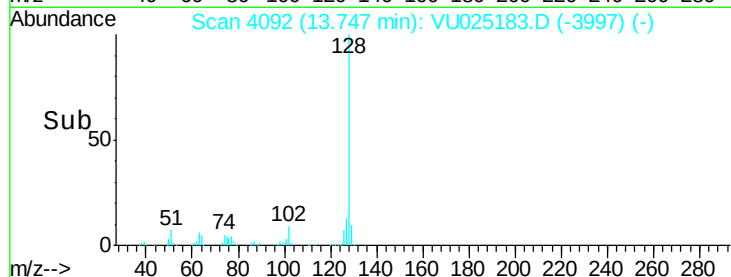
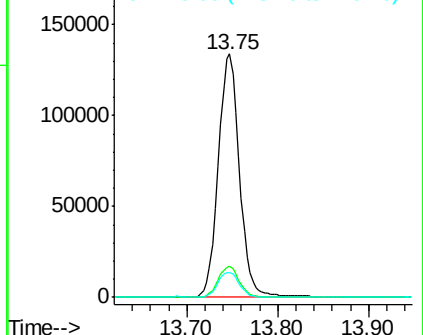
129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.973 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

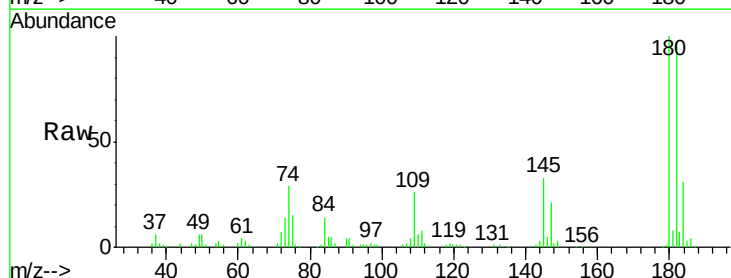
Tgt Ion:180 Resp: 67449

Ion Ratio Lower Upper

180 100

182 97.5 47.9 143.7

145 31.5 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

