

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025260.D
 Acq On : 06 Jul 2018 23:20
 Operator : MD/SY
 Sample : J3842-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 07 01:00:09 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	158262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	243083	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	234051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	138025	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
35) Dibromofluoromethane	4.89	113	109902	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
50) Toluene-d8	7.57	98	367183	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	10.31	95	151537	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81105	40.943	ug/l	100
3) Chloromethane	1.33	50	88256	43.609	ug/l	97
4) Vinyl Chloride	1.40	62	99136	47.499	ug/l	97
5) Bromomethane	1.61	94	55042	54.553	ug/l	100
6) Chloroethane	1.69	64	63323	54.388	ug/l	97
7) Trichlorofluoromethane	1.88	101	151237	47.482	ug/l	100
8) Diethyl Ether	2.10	74	58610	54.230	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	89838	45.463	ug/l	98
10) Methyl Iodide	2.41	142	110251	64.242	ug/l	98
11) Tert butyl alcohol	2.82	59	157713	250.988	ug/l	100
12) 1,1-Dichloroethene	2.28	96	83432	46.298	ug/l	96
13) Acrolein	2.19	56	83715	253.703	ug/l	97
14) Allyl chloride	2.59	41	147001	43.934	ug/l	100
15) Acrylonitrile	2.93	53	316695	259.041	ug/l	99
16) Acetone	2.32	43	303979	218.974	ug/l	98
17) Carbon Disulfide	2.48	76	219956	38.119	ug/l	99
18) Methyl Acetate	2.62	43	143668	48.275	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	350235	51.704	ug/l	97
20) Methylene Chloride	2.70	84	104511	47.981	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	92948	46.831	ug/l	97
22) Diisopropyl ether	3.57	45	335911	50.644	ug/l	98
23) Vinyl Acetate	3.53	43	1410157	237.336	ug/l	99
24) 1,1-Dichloroethane	3.45	63	189461	49.654	ug/l	99
25) 2-Butanone	4.26	43	470358	252.248	ug/l	98
26) 2,2-Dichloropropane	4.23	77	141545	39.067	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	134152	58.792	ug/l	97
28) Bromochloromethane	4.55	49	99915	59.450	ug/l	85
29) Tetrahydrofuran	4.63	42	298447	258.457	ug/l	97
30) Chloroform	4.68	83	202703	52.486	ug/l	100
31) Cyclohexane	5.00	56	156223	45.945	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	178460	49.970	ug/l	97
36) 1,1-Dichloropropene	5.14	75	138373	48.443	ug/l	97
37) Ethyl Acetate	4.38	43	161923	52.010	ug/l	97
38) Carbon Tetrachloride	5.14	117	158854	50.573	ug/l	99

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 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)
39) Methylcyclohexane	6.42	83	160322	44.976	ug/l	95
40) Benzene	5.39	78	459776	56.489	ug/l	99
41) Methacrylonitrile	4.54	41	94955	56.569	ug/l	98
42) 1,2-Dichloroethane	5.41	62	175062	56.473	ug/l	99
43) Isopropyl Acetate	5.55	43	264023	49.062	ug/l	99
44) Trichloroethene	6.19	130	120969	52.223	ug/l	93
45) 1,2-Dichloropropane	6.44	63	111867	51.510	ug/l	99
46) Dibromomethane	6.56	93	81803	53.625	ug/l	96
47) Bromodichloromethane	6.76	83	154556	50.881	ug/l	100
48) Methyl methacrylate	6.62	41	140162	53.488	ug/l	97
49) 1,4-Dioxane	6.62	88	65006	1268.505	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	899824	266.149	ug/l	99
52) Toluene	7.64	92	269717	51.507	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	160917	47.172	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	168490	46.353	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	115996	54.495	ug/l	97
56) Ethyl methacrylate	8.02	69	181034	50.814	ug/l	100
57) 1,3-Dichloropropane	8.25	76	190204	52.971	ug/l	99
59) 2-Hexanone	8.36	43	708735	256.771	ug/l	99
60) Dibromochloromethane	8.48	129	128949	48.581	ug/l	99
61) 1,2-Dibromoethane	8.59	107	123911	52.302	ug/l	99
64) Tetrachloroethene	8.23	164	102163	45.921	ug/l	98
65) Chlorobenzene	9.12	112	488474	81.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	117753	51.837	ug/l	97
67) Ethyl Benzene	9.25	91	523763	49.968	ug/l	98
68) m/p-Xylenes	9.38	106	411939	102.344	ug/l	97
69) o-Xylene	9.78	106	205839	51.674	ug/l	97
70) Styrene	9.80	104	333733	50.982	ug/l	99
71) Bromoform	9.96	173	99372	46.024	ug/l #	99
73) Isopropylbenzene	10.17	105	554141	50.020	ug/l	99
74) N-amyl acetate	10.01	43	228048	43.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	195360	52.624	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	224088	70.538	ug/l	84
77) Bromobenzene	10.45	156	143217	51.064	ug/l	93
78) n-propylbenzene	10.59	91	617716	47.334	ug/l	97
79) 2-Chlorotoluene	10.66	91	379089	49.258	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	475101	49.479	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	224088	163.254	ug/l #	100
82) 4-Chlorotoluene	10.78	91	432409	48.274	ug/l	99
83) tert-Butylbenzene	11.10	119	491542	53.217	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	480751	49.129	ug/l	100
85) sec-Butylbenzene	11.33	105	597270	51.659	ug/l	94
86) p-Isopropyltoluene	11.48	119	493075	47.618	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	260619	50.297	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	265641	50.935	ug/l	99
89) n-Butylbenzene	11.89	91	393368	42.789	ug/l	97
90) Hexachloroethane	12.15	117	86928	43.034	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	325820	62.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	49900	48.713	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	160283	50.011	ug/l	99

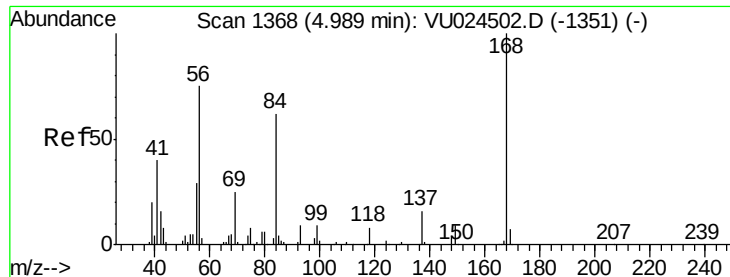
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	88666	49.152	ug/l	98
95) Naphthalene	13.74	128	539756	50.860	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	173250	54.250	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

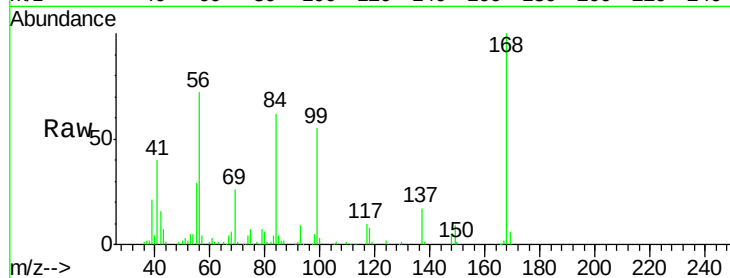
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 158262

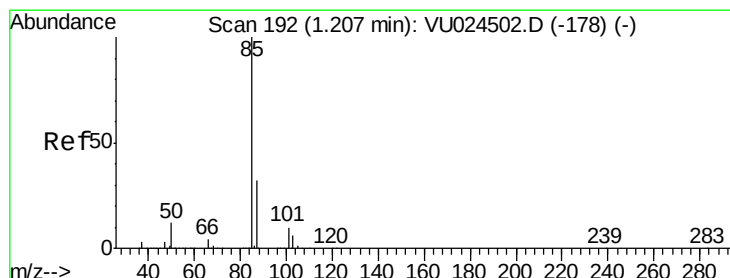
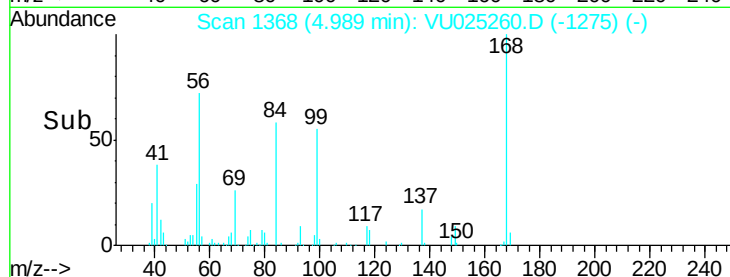
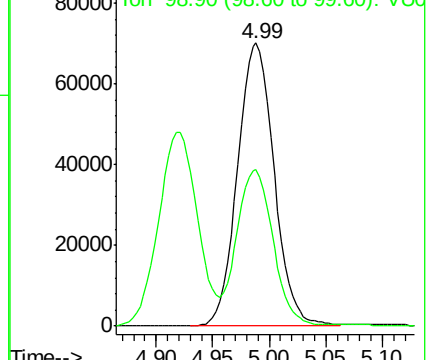
Ion Ratio Lower Upper

168 100

99 54.6 43.2 64.8



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



#2

Dichlorodifluoromethane

Concen: 40.943 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025260.D

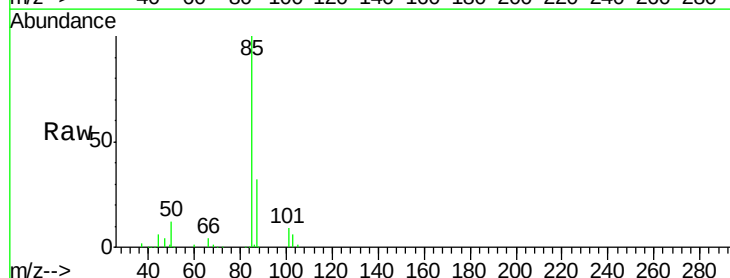
Acq: 06 Jul 2018 23:20

Tgt Ion: 85 Resp: 81105

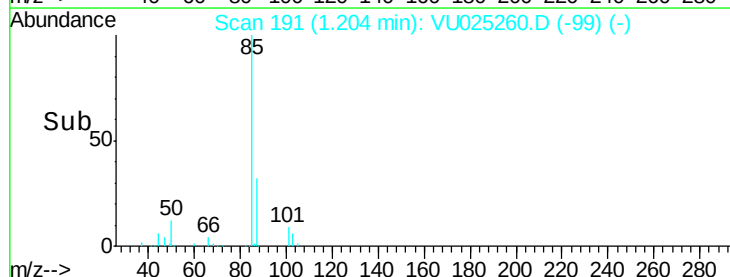
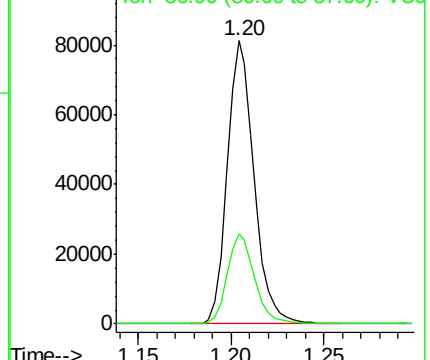
Ion Ratio Lower Upper

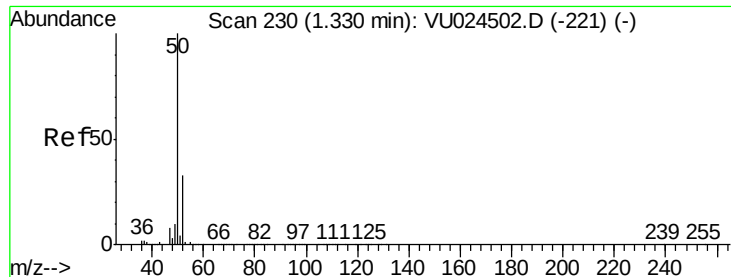
85 100

87 32.0 16.1 48.2



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





#3

Chloromethane

Concen: 43.609 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

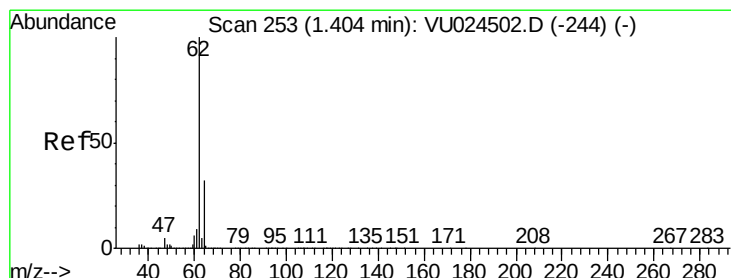
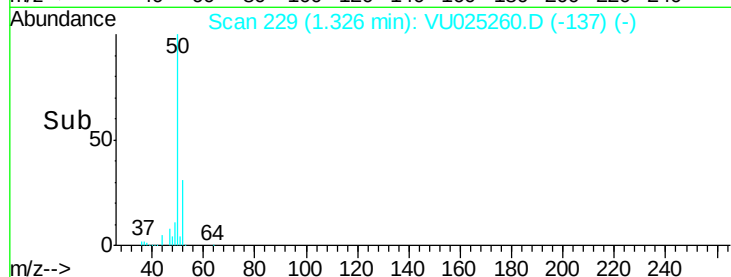
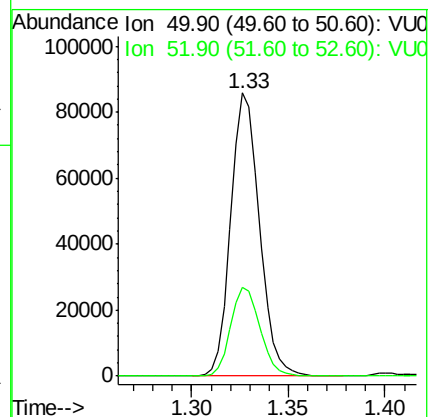
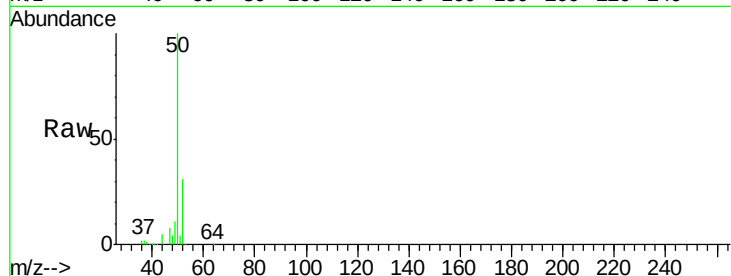
ClientSampleId :

Tot Ion: 50 Resp: 88256

Ion Ratio Lower Upper

50 100

52 31.4 26.4 39.6



#4

Vinyl Chloride

Concen: 47.499 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025260.D

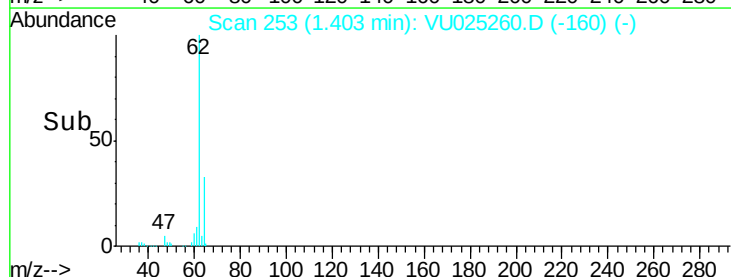
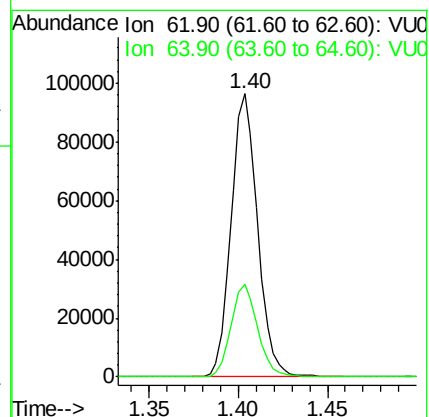
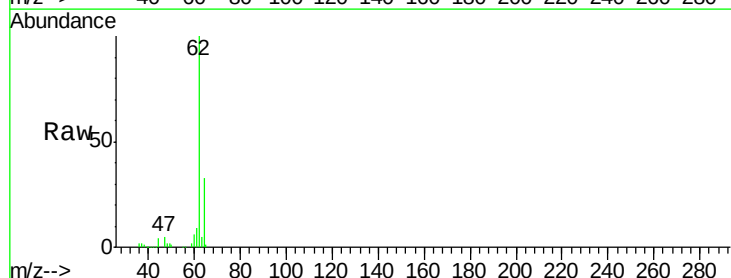
Acq: 06 Jul 2018 23:20

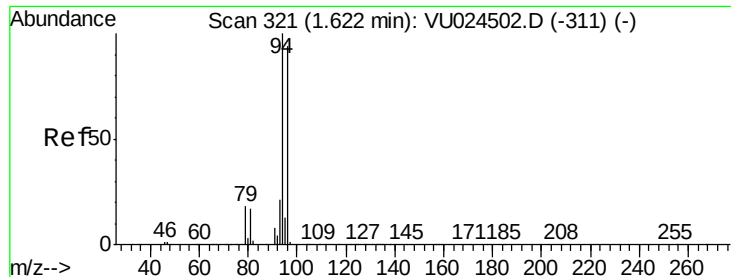
Tgt Ion: 62 Resp: 99136

Ion Ratio Lower Upper

62 100

64 32.4 24.8 37.2





#5

Bromomethane

Concen: 54.553 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

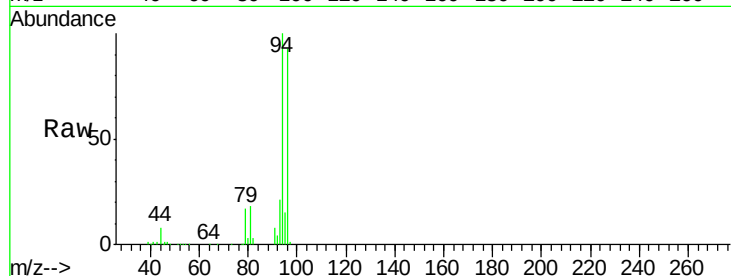
ClientSampleId :

Tot Ion: 94 Resp: 55042

Ion Ratio Lower Upper

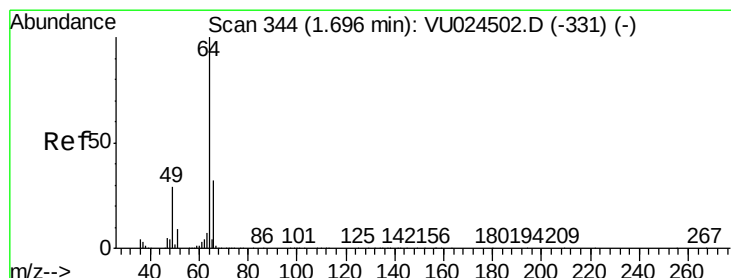
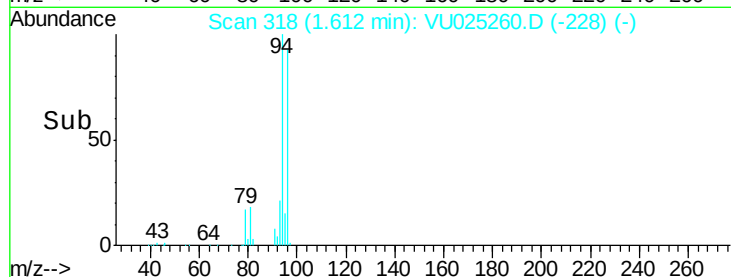
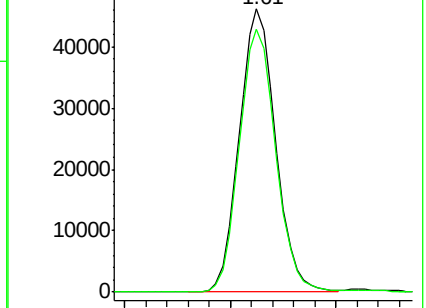
94 100

96 93.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 54.388 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU025260.D

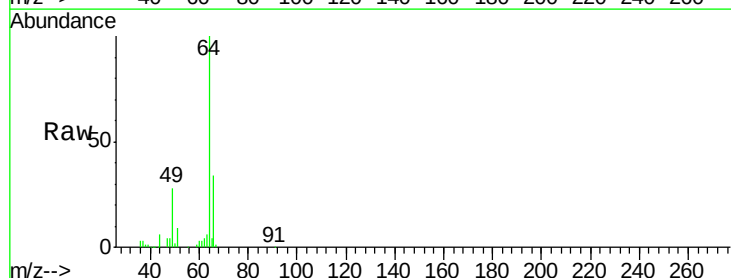
Acq: 06 Jul 2018 23:20

Tgt Ion: 64 Resp: 63323

Ion Ratio Lower Upper

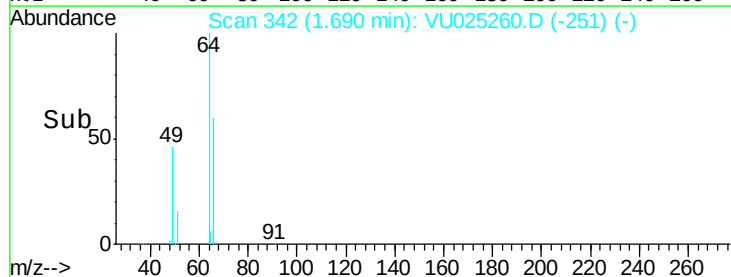
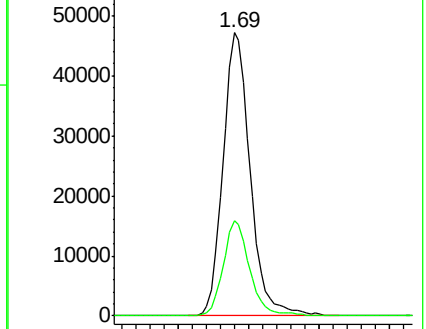
64 100

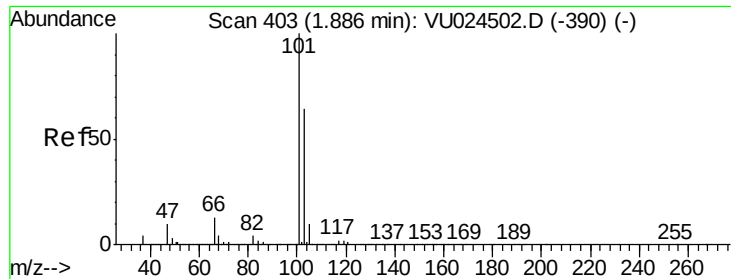
66 33.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



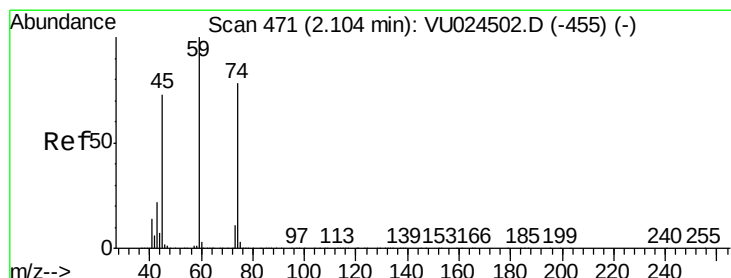
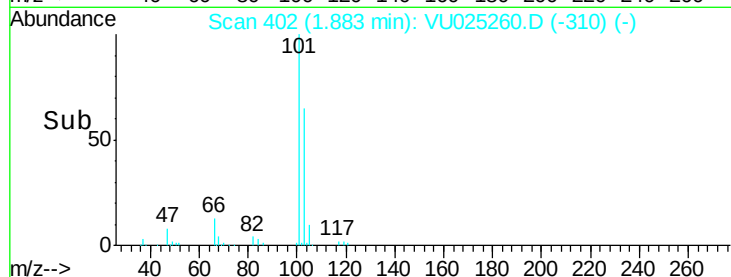
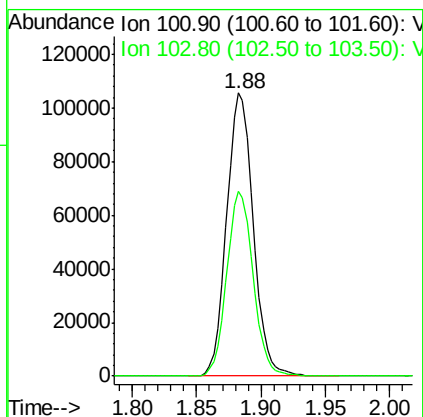
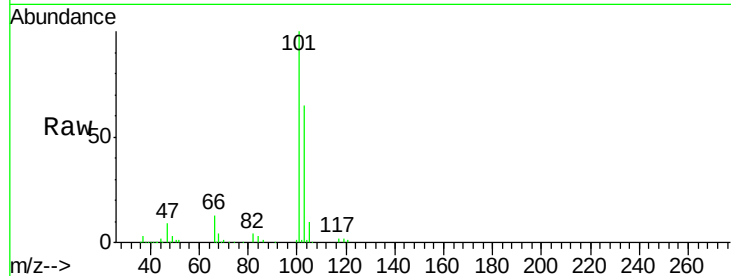


#7

Trichlorofluoromethane
Concen: 47.482 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampled :

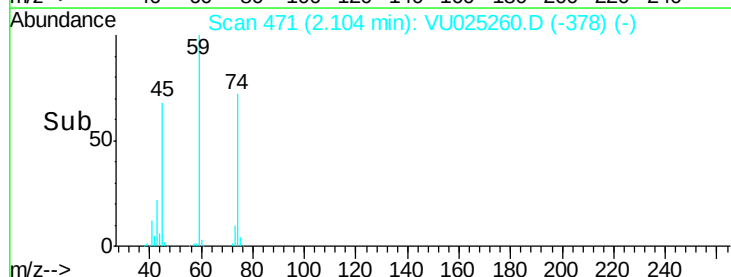
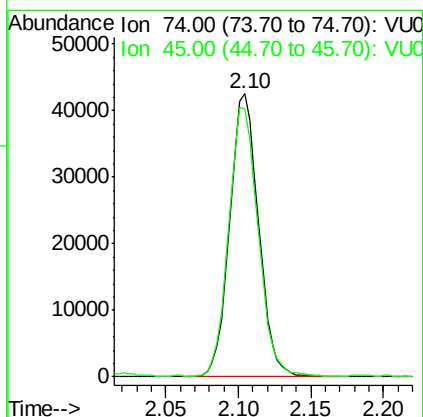
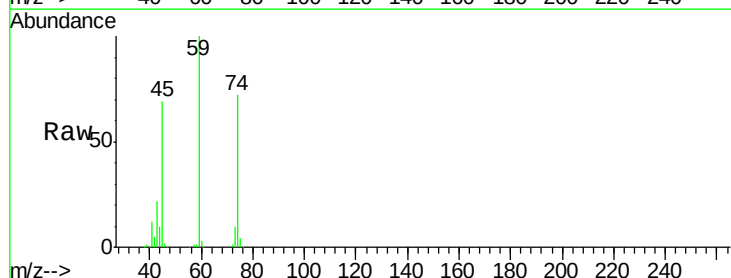
Tot Ion:101 Resp: 151237
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

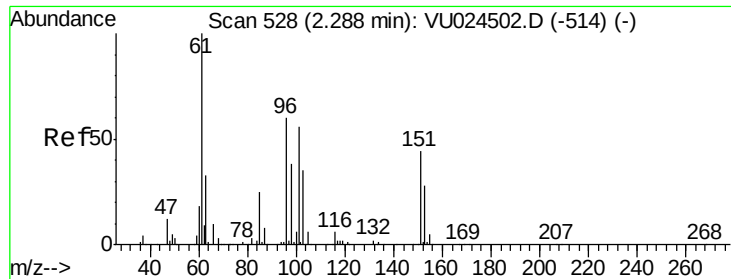


#8

Diethyl Ether
Concen: 54.230 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion: 74 Resp: 58610
Ion Ratio Lower Upper
74 100
45 97.1 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.463 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

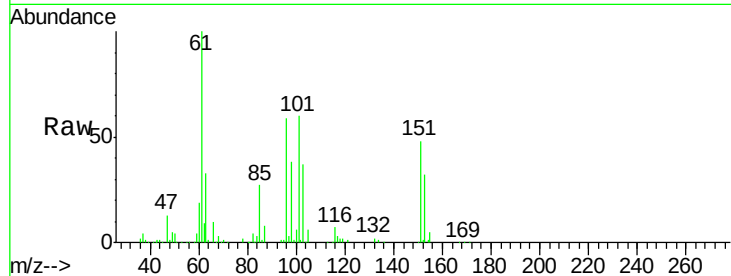
Tot Ion:101 Resp: 89838

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

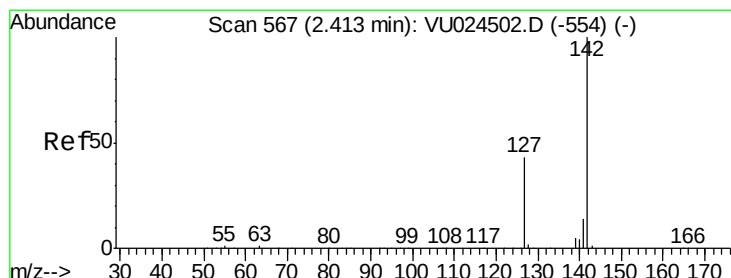
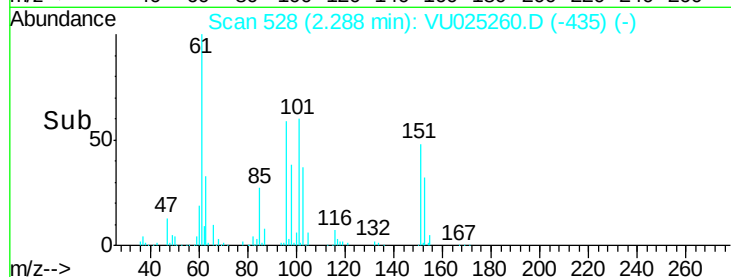
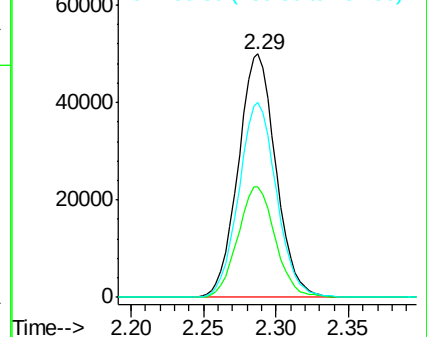
151 80.4 62.3 93.5



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: 64.242 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

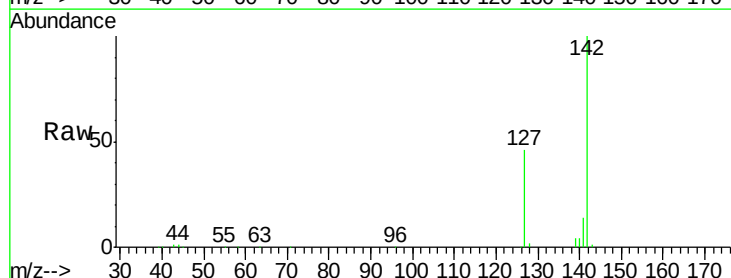
Tgt Ion:142 Resp: 110251

Ion Ratio Lower Upper

142 100

127 45.6 35.6 53.4

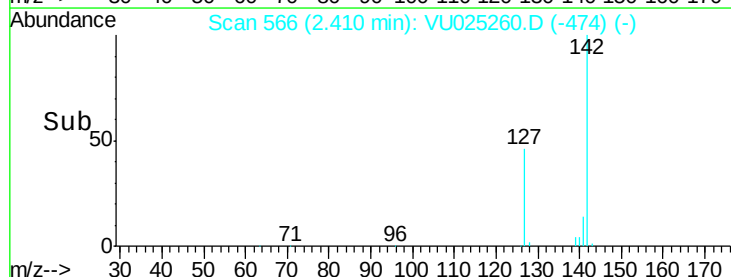
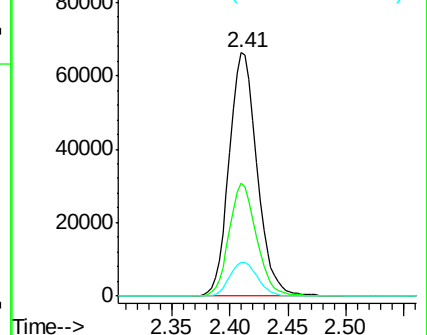
141 14.1 11.7 17.5

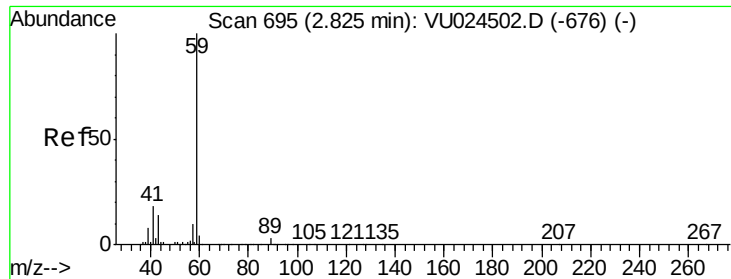


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



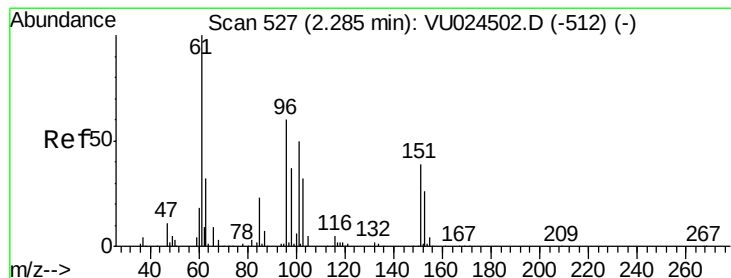
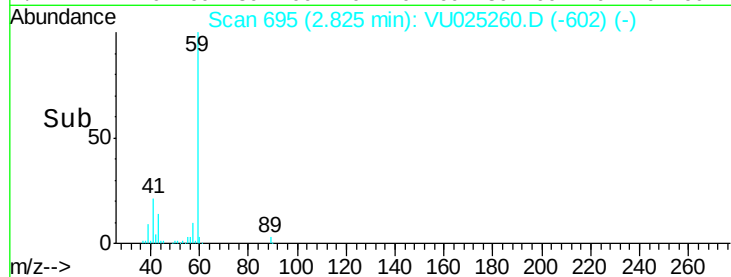
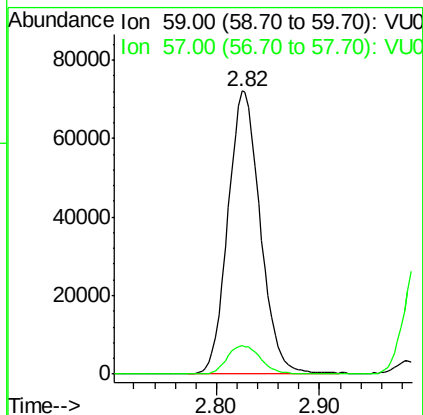
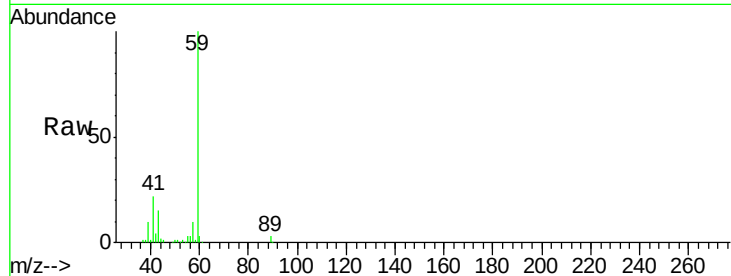


#11

Tert butyl alcohol
 Concen: 250.988 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :

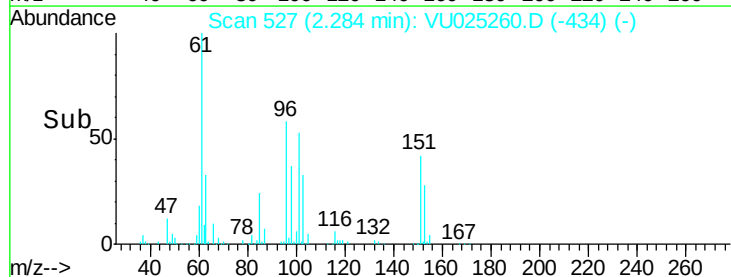
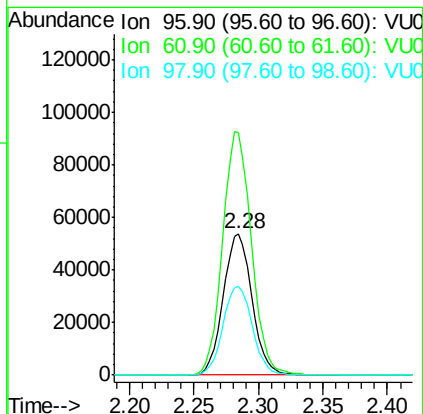
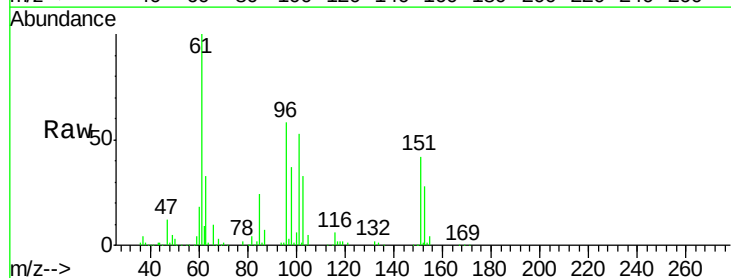
Tot Ion: 59 Resp: 157713
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

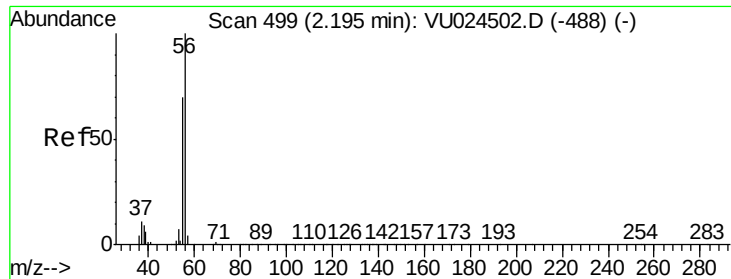


#12

1,1-Dichloroethene
 Concen: 46.298 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion: 96 Resp: 83432
 Ion Ratio Lower Upper
 96 100
 61 171.3 141.7 212.5
 98 62.9 51.6 77.4





#13

Acrolein

Concen: 253.703 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

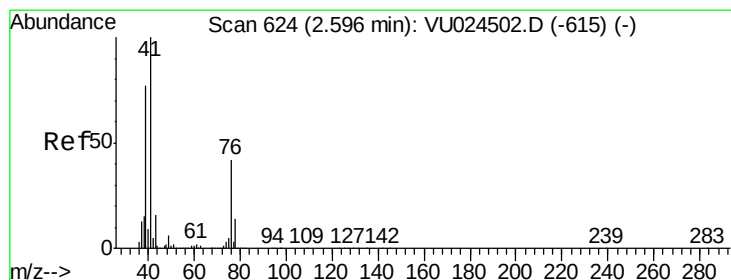
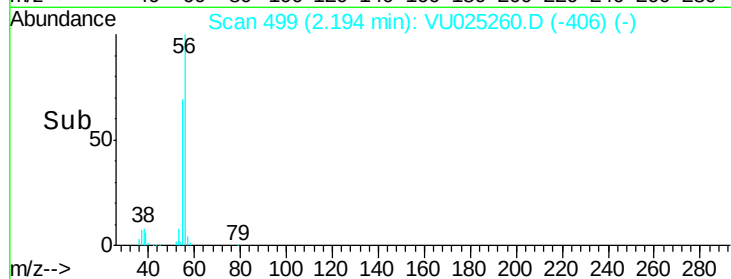
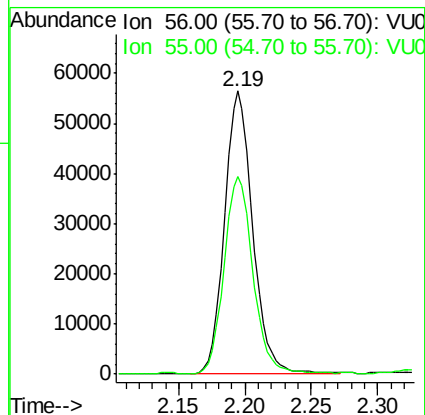
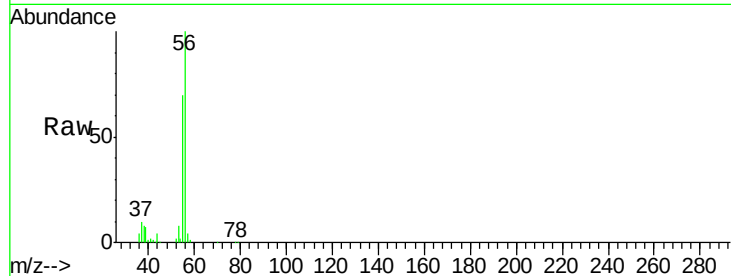
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 83715

Ion Ratio Lower Upper

56 100

55 70.4 58.4 87.6



#14

Allyl chloride

Concen: 43.934 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

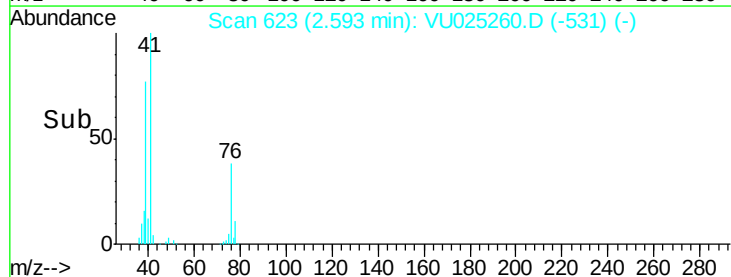
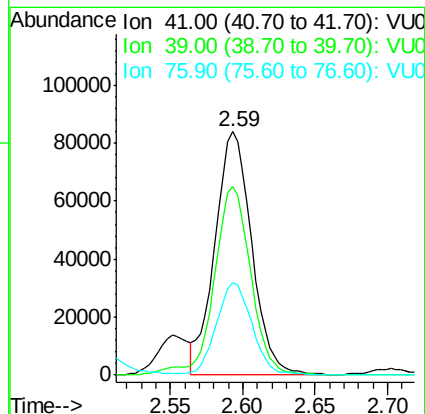
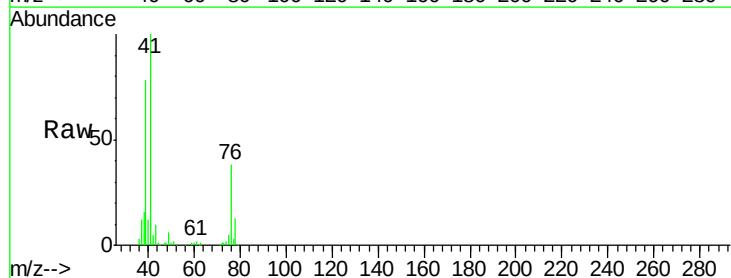
Tgt Ion: 41 Resp: 147001

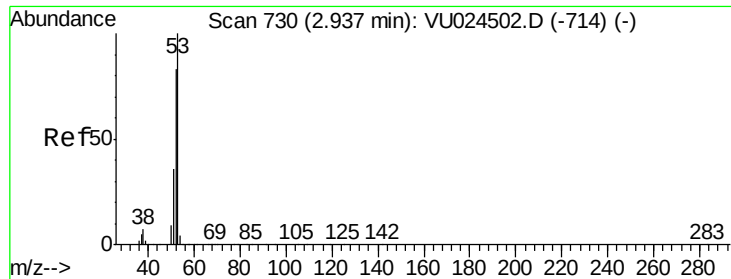
Ion Ratio Lower Upper

41 100

39 77.1 61.6 92.4

76 37.1 29.7 44.5





#15

Acrylonitrile

Concen: 259.041 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampled :

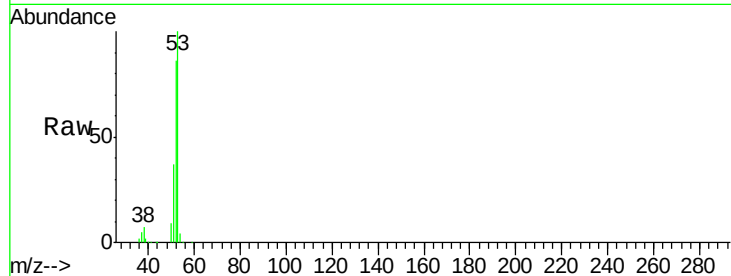
Tot Ion: 53 Resp: 316695

Ion Ratio Lower Upper

53 100

52 84.4 67.1 100.7

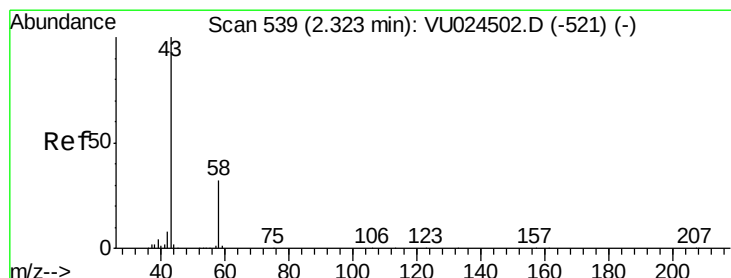
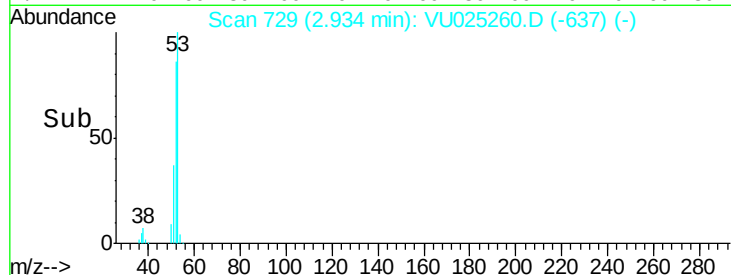
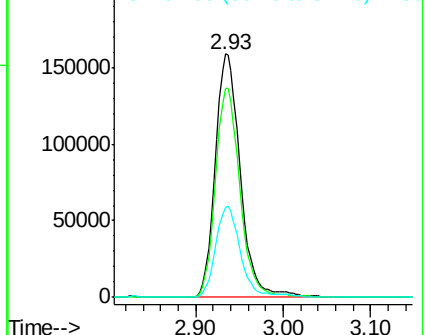
51 37.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 218.974 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025260.D

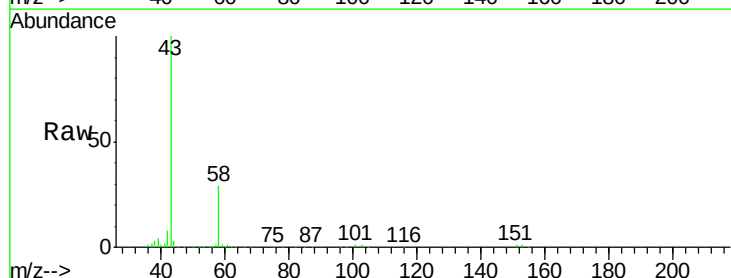
Acq: 06 Jul 2018 23:20

Tgt Ion: 43 Resp: 303979

Ion Ratio Lower Upper

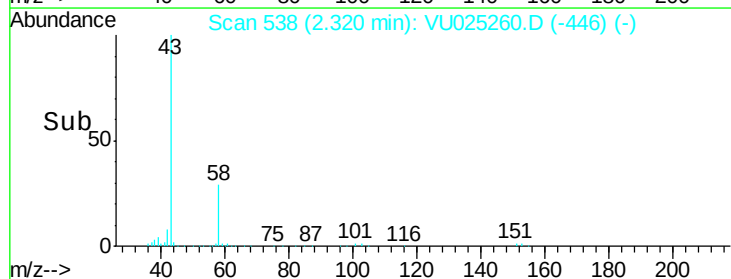
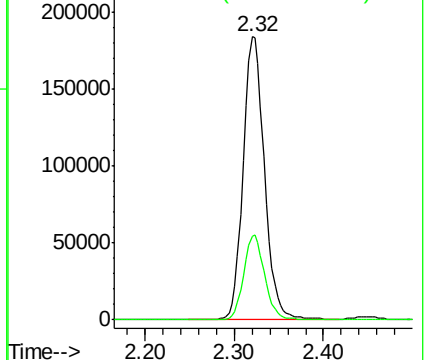
43 100

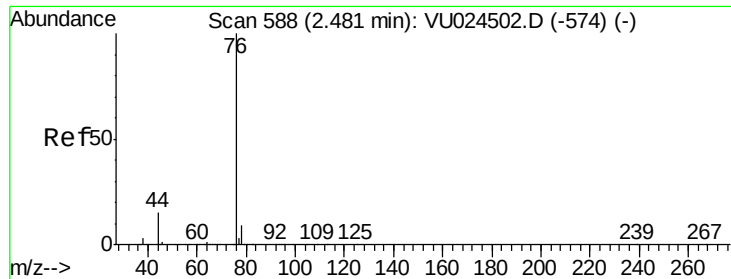
58 29.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 38.119 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

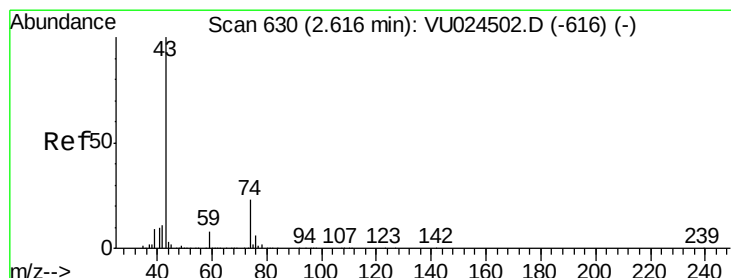
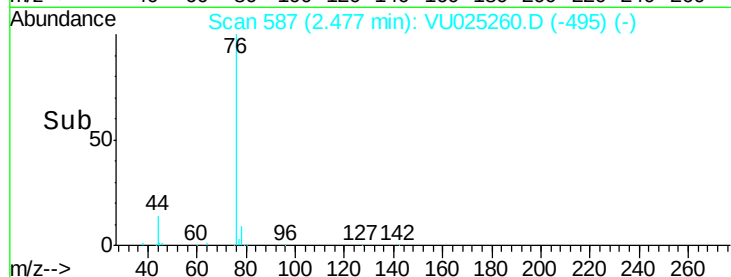
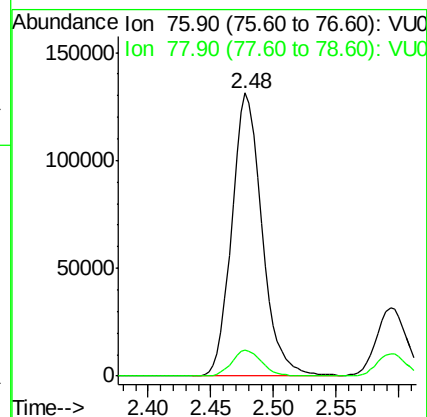
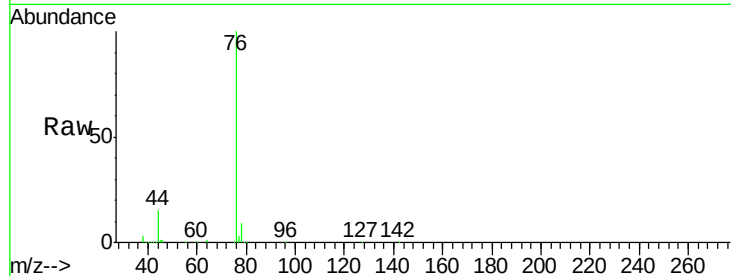
ClientSampleId :

Tot Ion: 76 Resp: 219956

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 48.275 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025260.D

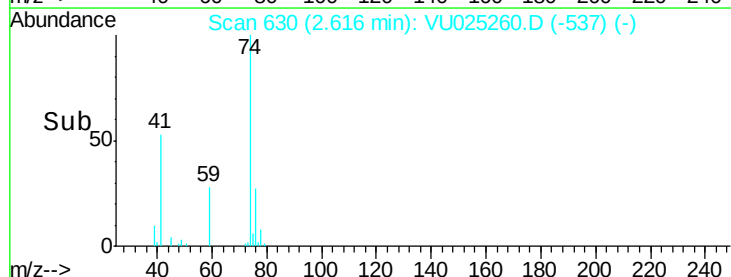
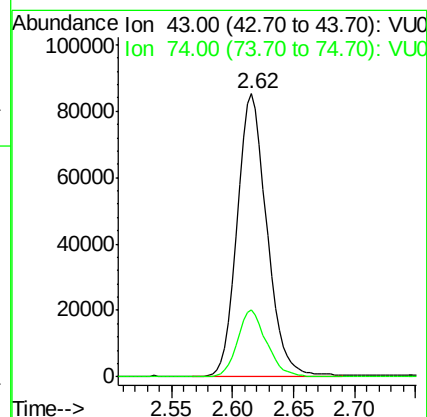
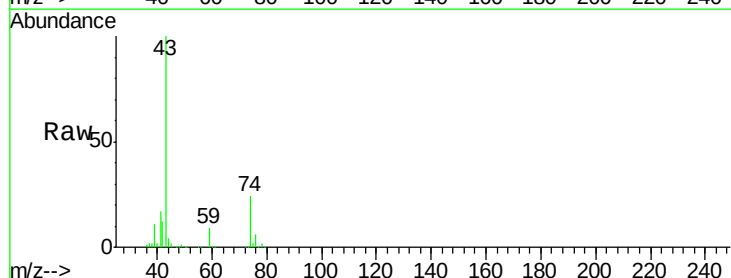
Acq: 06 Jul 2018 23:20

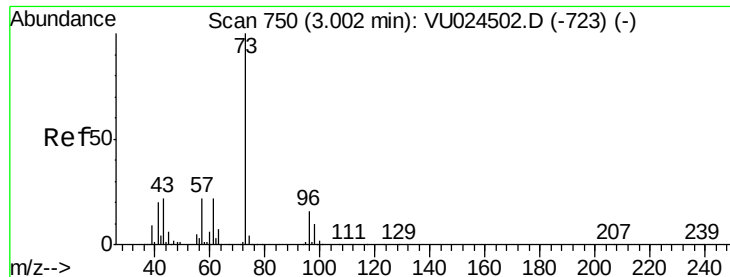
Tgt Ion: 43 Resp: 143668

Ion Ratio Lower Upper

43 100

74 23.4 18.0 27.0

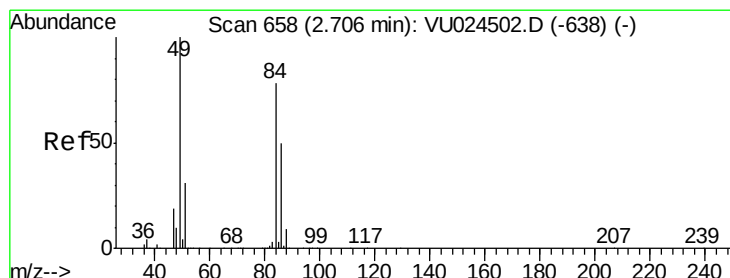
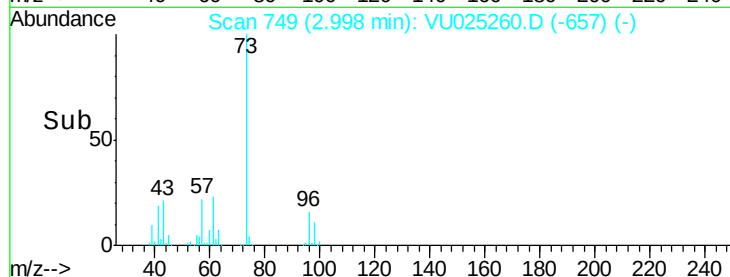
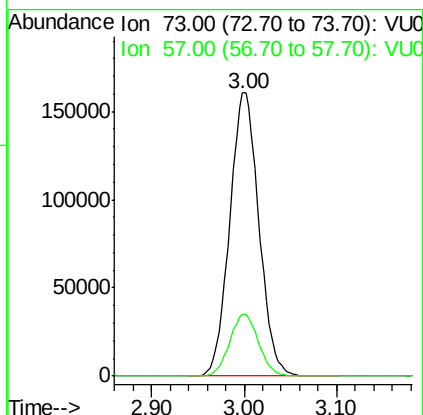
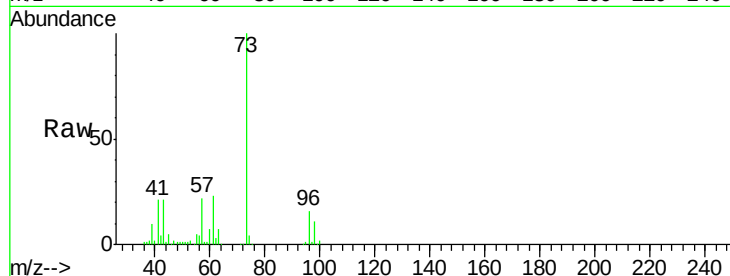




#19
Methyl tert-butyl Ether
Concen: 51.704 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

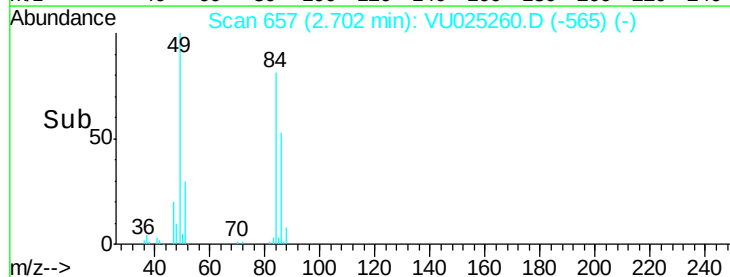
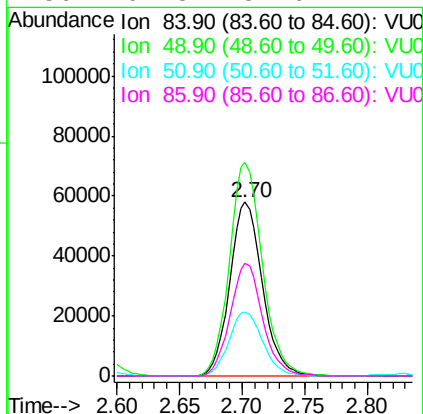
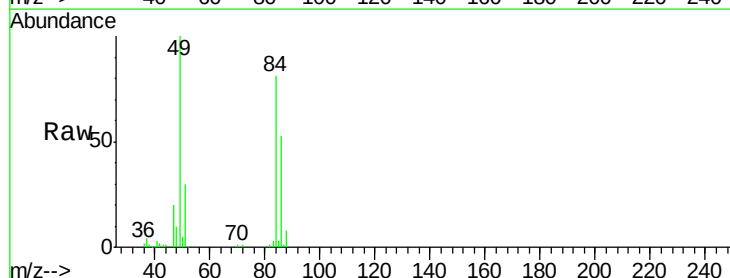
Instrument :
MSVOA_U
ClientSampleId :

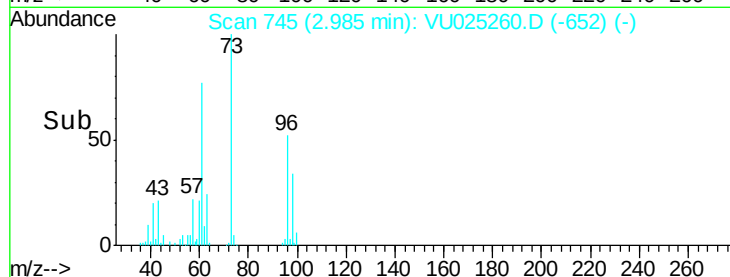
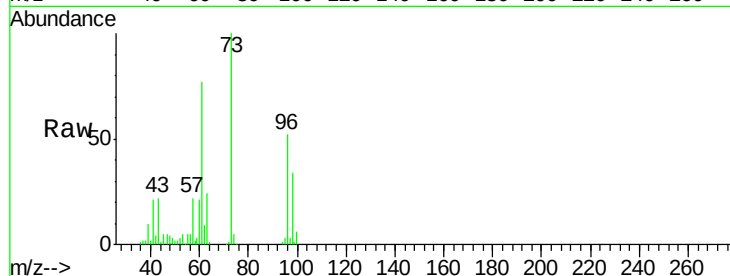
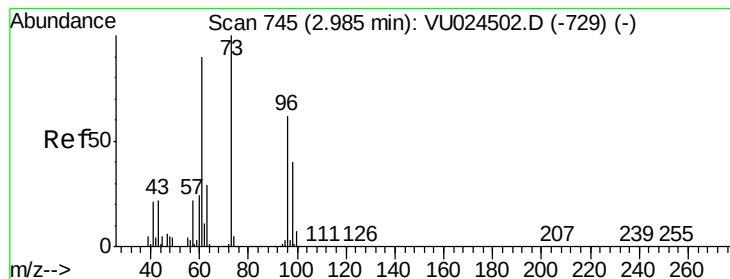
Tot Ion: 73 Resp: 350235
Ion Ratio Lower Upper
73 100
57 21.9 18.8 28.2



#20
Methylene Chloride
Concen: 47.981 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion: 84 Resp: 104511
Ion Ratio Lower Upper
84 100
49 122.8 103.8 155.8
51 36.9 32.0 48.0
86 64.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 46.831 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

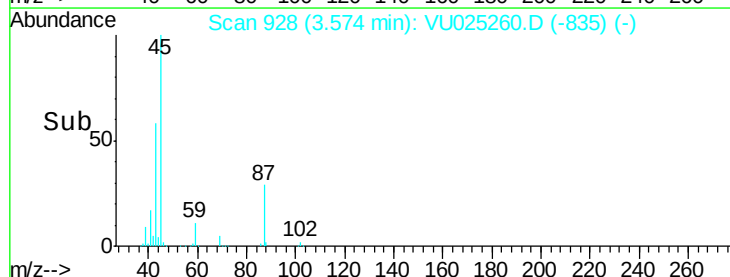
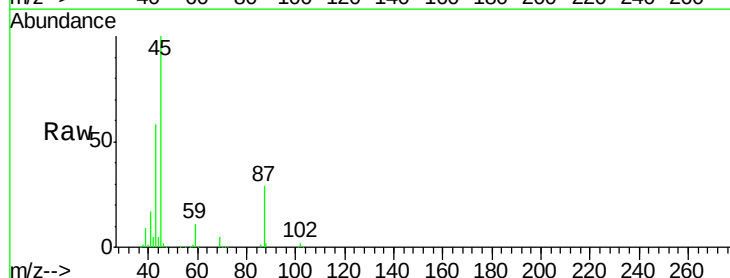
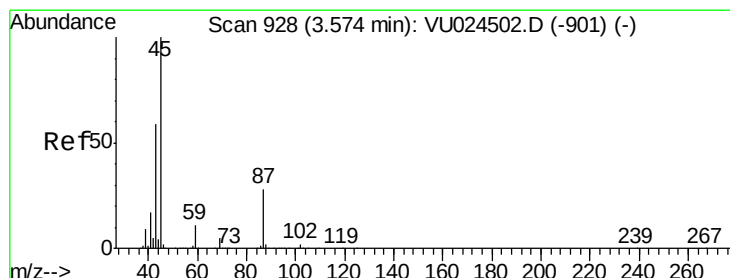
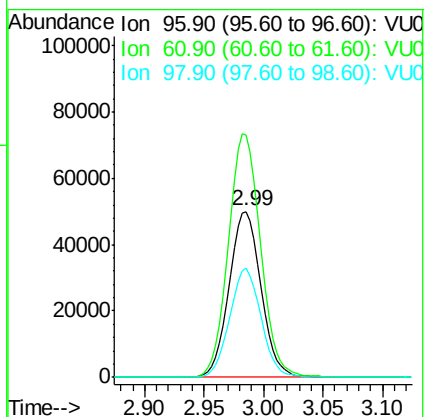
Tot Ion: 96 Resp: 92948

Ion Ratio Lower Upper

96 100

61 145.8 119.4 179.0

98 65.7 51.1 76.7



#22

Diisopropyl ether

Concen: 50.644 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tgt Ion: 45 Resp: 335911

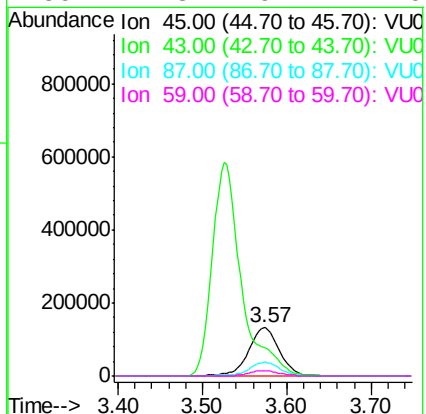
Ion Ratio Lower Upper

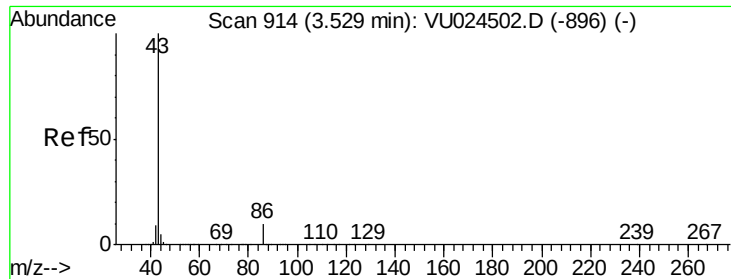
45 100

43 57.3 45.8 68.6

87 28.5 20.6 31.0

59 11.3 9.4 14.0

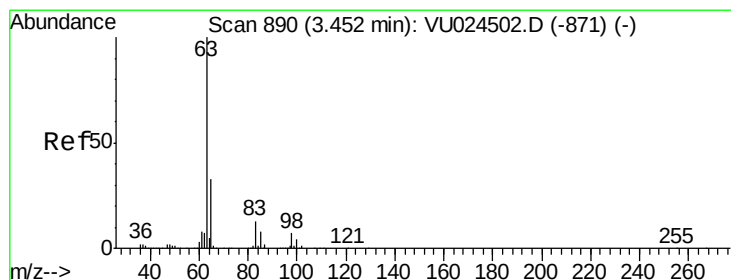
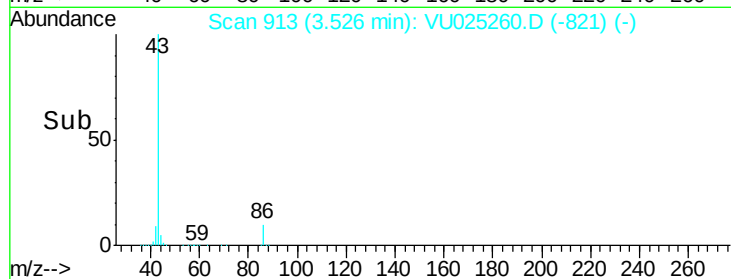
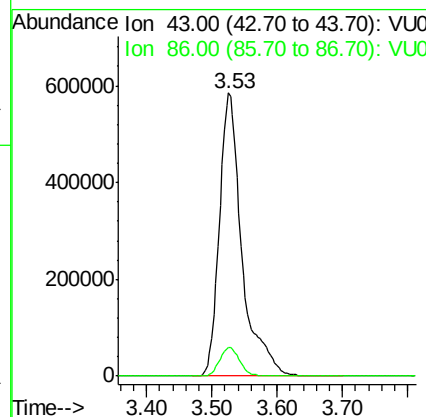
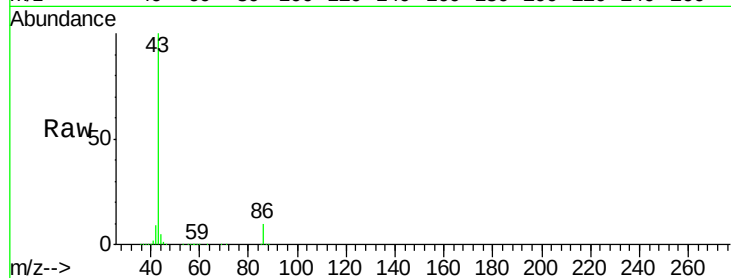




#23
 Vinyl Acetate
 Concen: 237.336 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

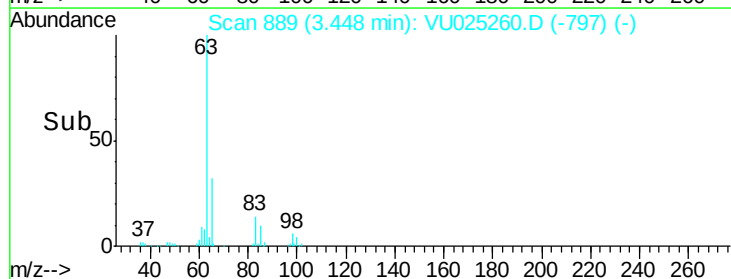
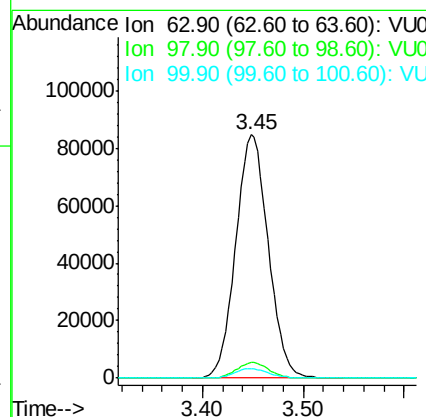
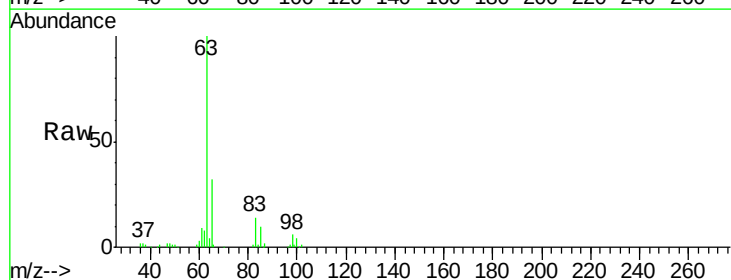
Instrument :
 MSVOA_U
 ClientSampleId :

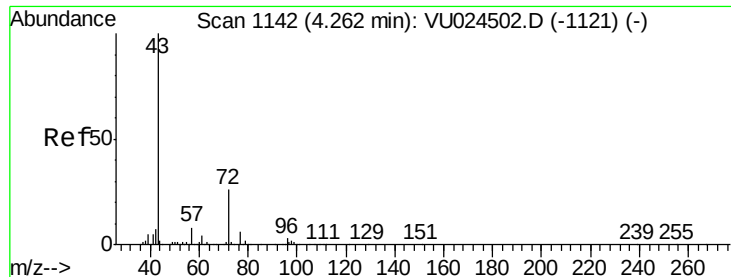
Tot Ion: 43 Resp: 1410157
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 49.654 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion: 63 Resp: 189461
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 3.9 1.8 5.5

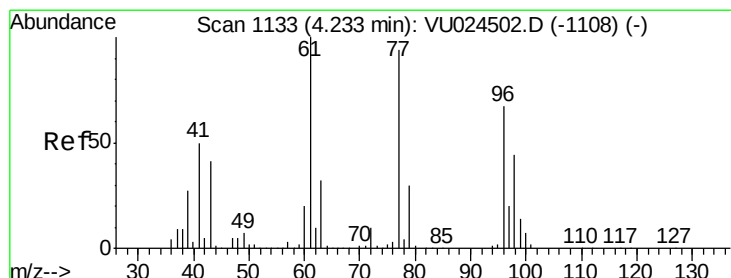
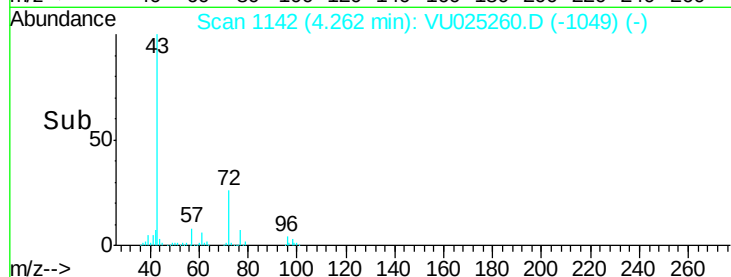
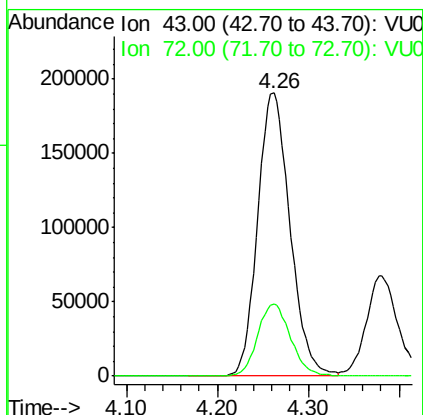
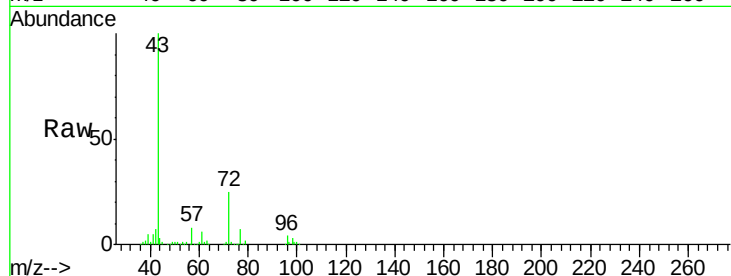




#25
2-Butanone
Concen: 252.248 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

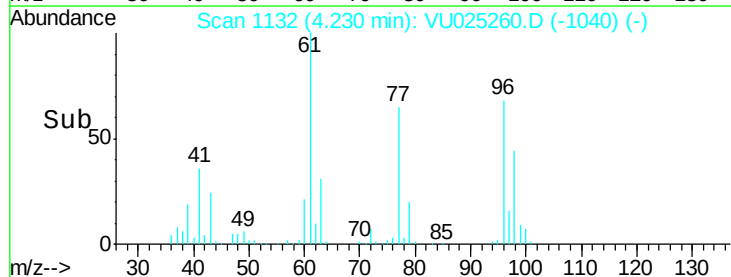
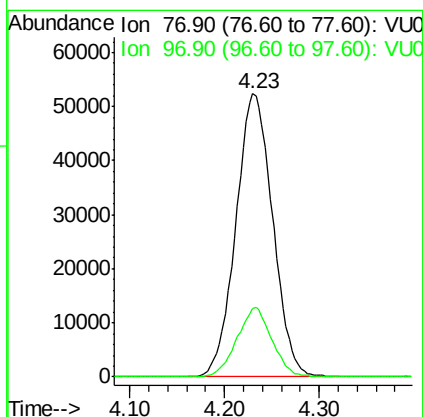
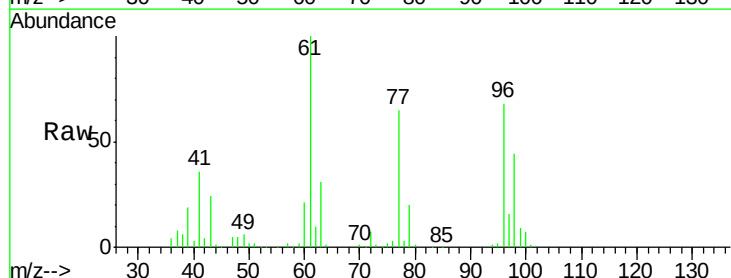
Instrument :
MSVOA_U
ClientSampleId :

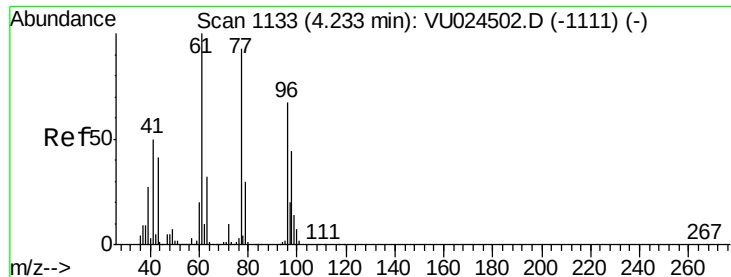
Tot Ion: 43 Resp: 470358
Ion Ratio Lower Upper
43 100
72 25.5 19.6 29.4



#26
2,2-Dichloropropane
Concen: 39.067 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion: 77 Resp: 141545
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8

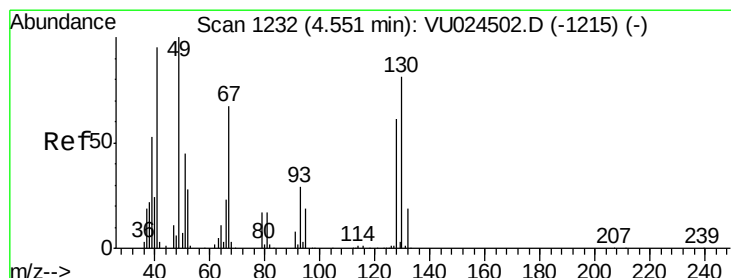
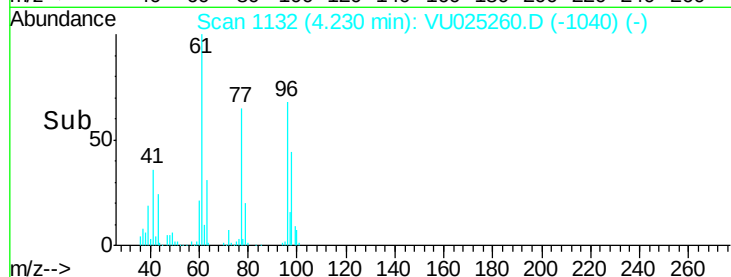
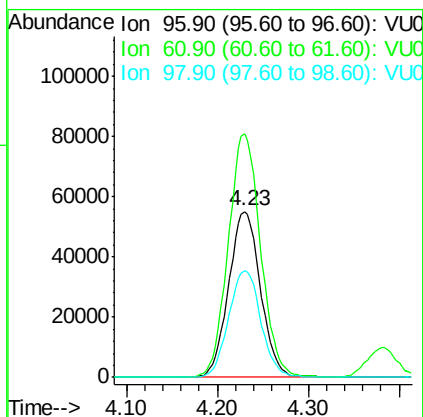
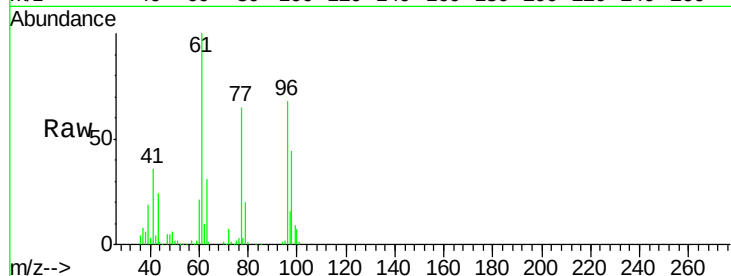




#27
 cis-1,2-Dichloroethene
 Concen: 58.792 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

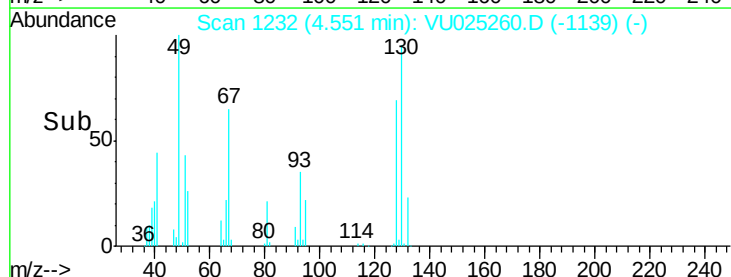
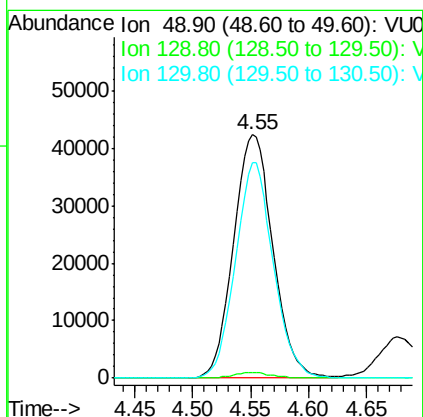
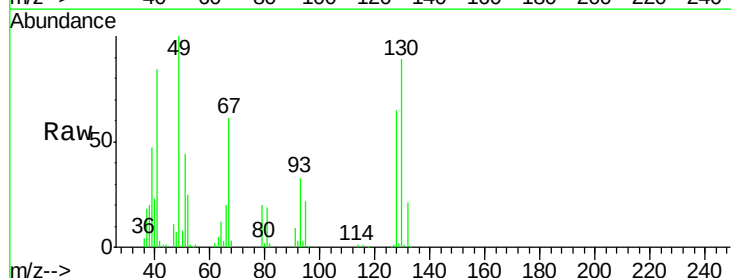
Instrument :
 MSVOA_U
 ClientSampleId :

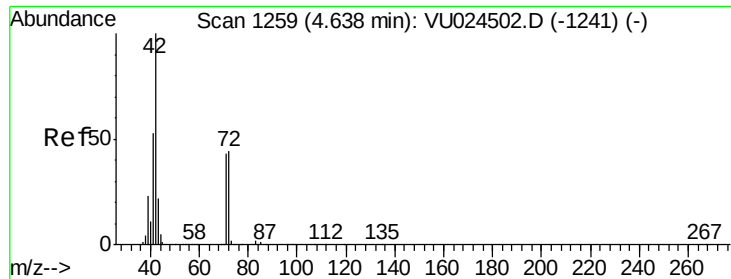
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	306.6
98	65.0	0.0	128.8



#28
 Bromochloromethane
 Concen: 59.450 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	85.2	57.8	86.6

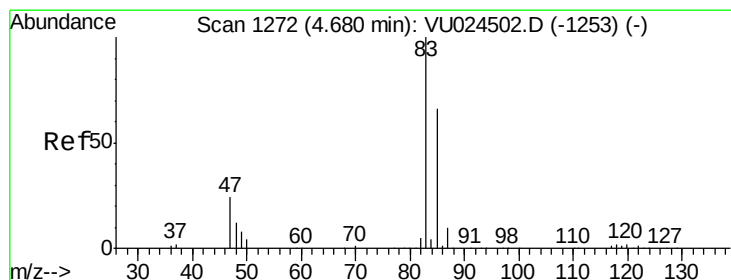
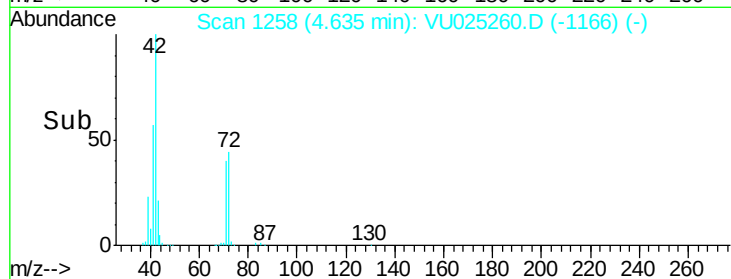
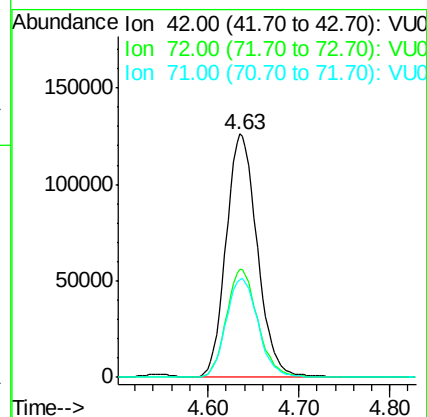
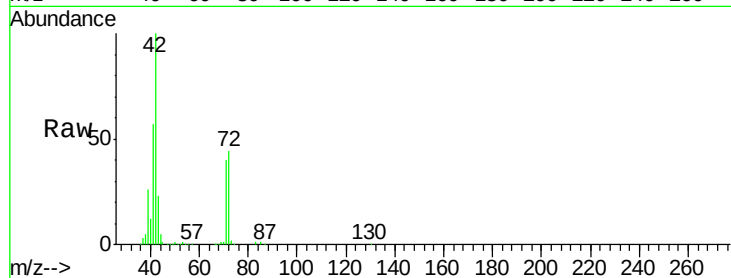




#29
Tetrahydrofuran
Concen: 258.457 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

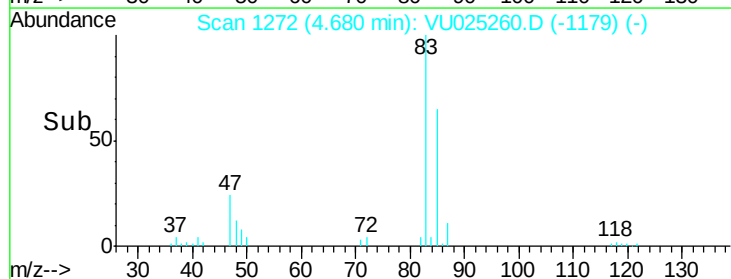
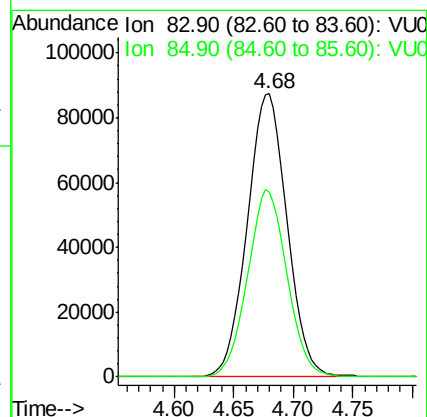
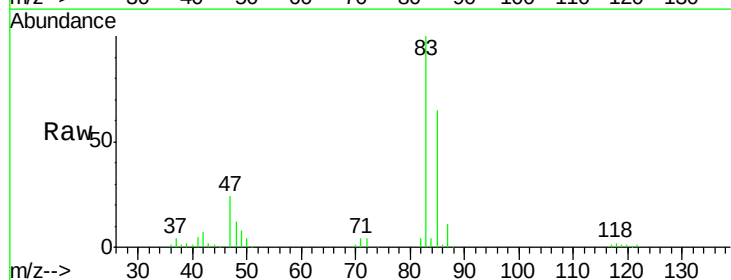
Instrument :
MSVOA_U
ClientSampleId :

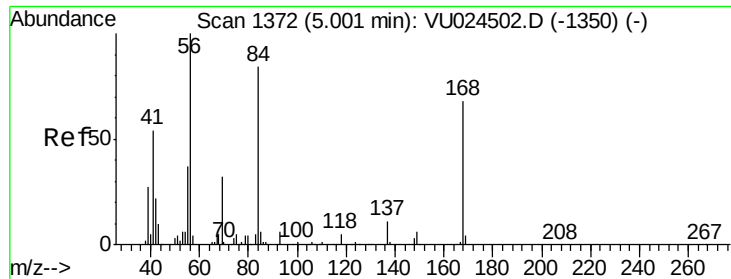
Tot Ion: 42 Resp: 298447
Ion Ratio Lower Upper
42 100
72 45.0 34.5 51.7
71 41.8 32.2 48.4



#30
Chloroform
Concen: 52.486 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion: 83 Resp: 202703
Ion Ratio Lower Upper
83 100
85 65.3 52.4 78.6

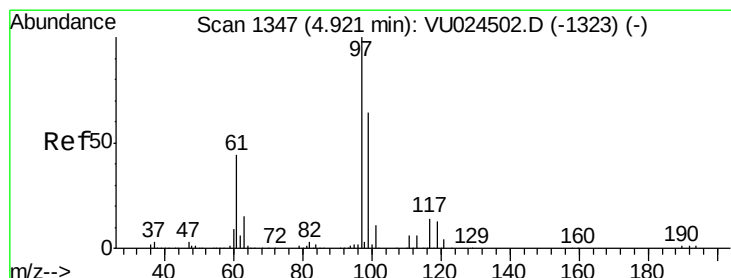
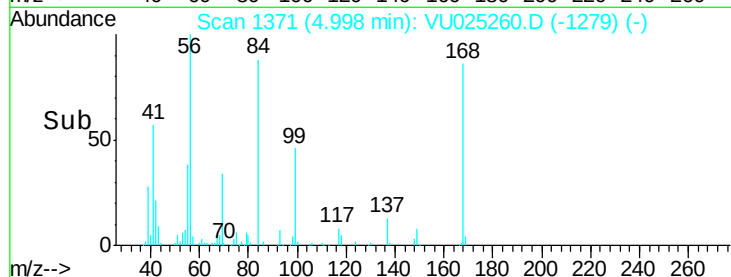
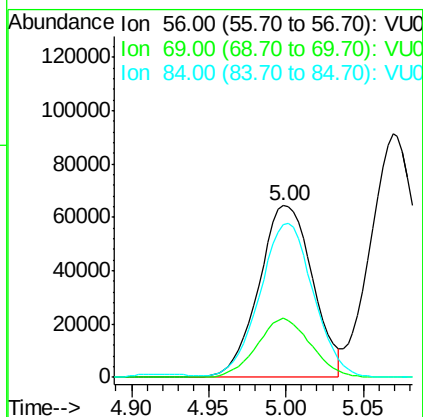
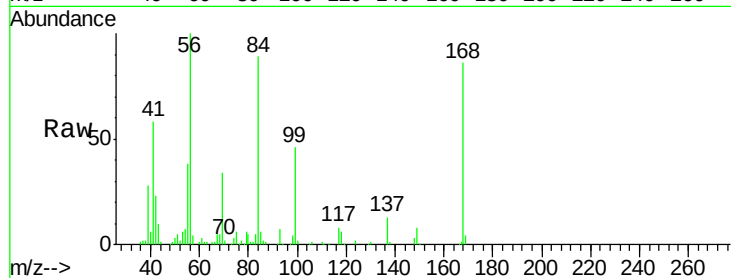




#31
Cyclohexane
Concen: 45.945 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

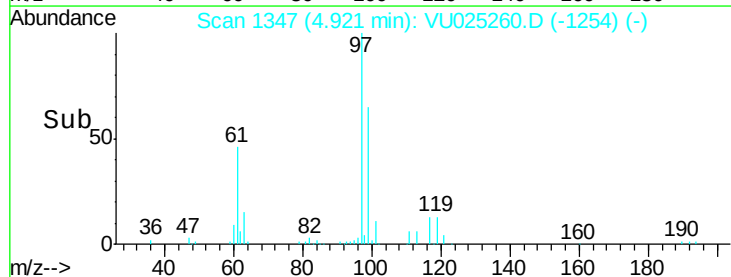
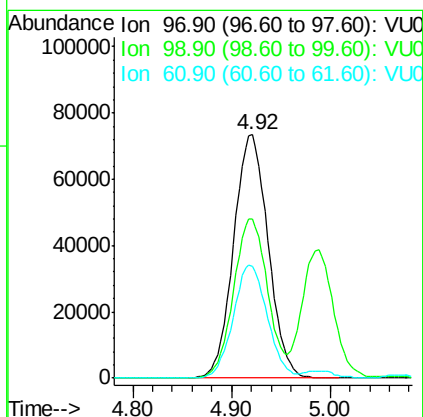
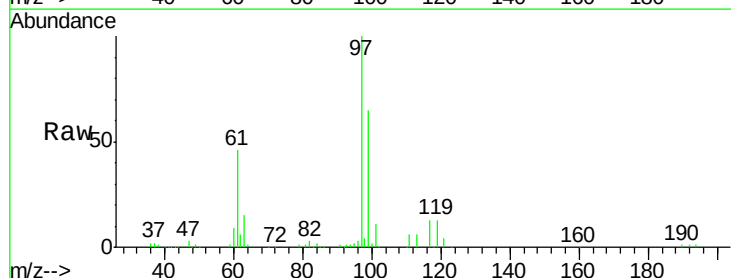
Instrument :
MSVOA_U
ClientSampled :

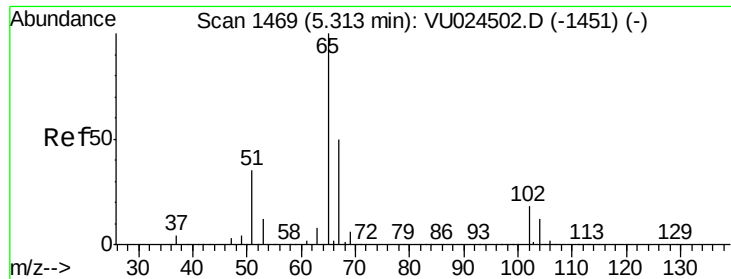
Tot Ion: 56 Resp: 156223
Ion Ratio Lower Upper
56 100
69 34.3 24.8 37.2
84 87.9 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 49.970 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion: 97 Resp: 178460
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 45.9 39.4 59.0

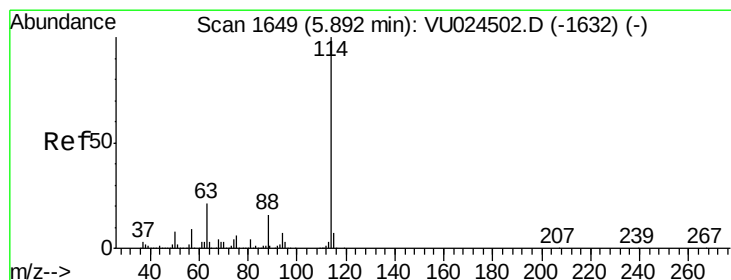
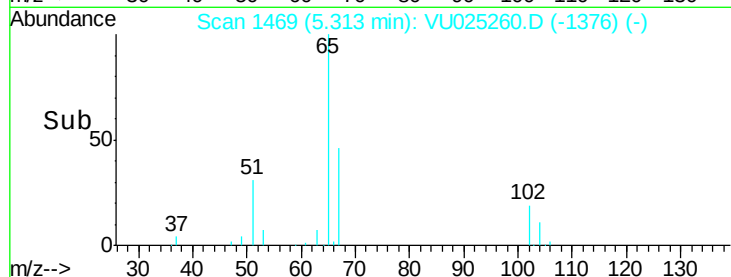
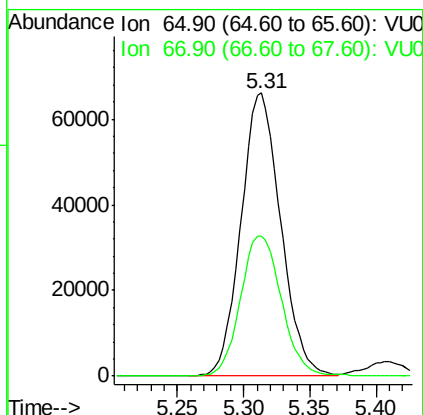
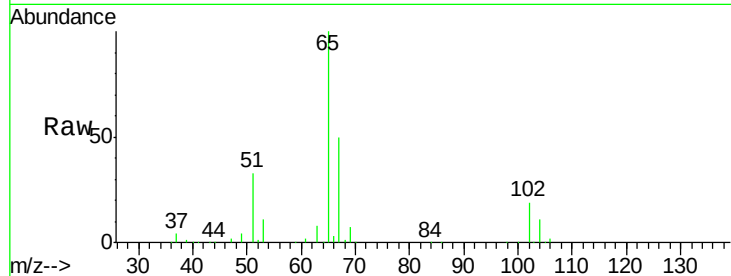




#33
 1,2-Dichloroethane-d4
 Concen: 53.422 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

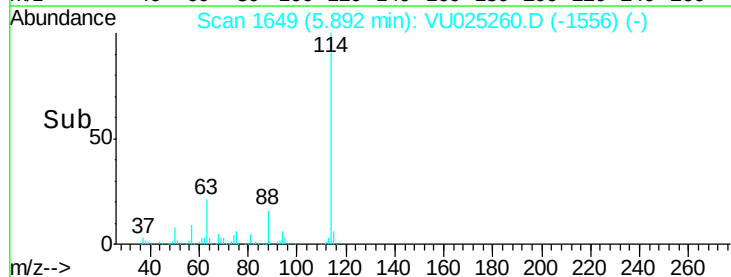
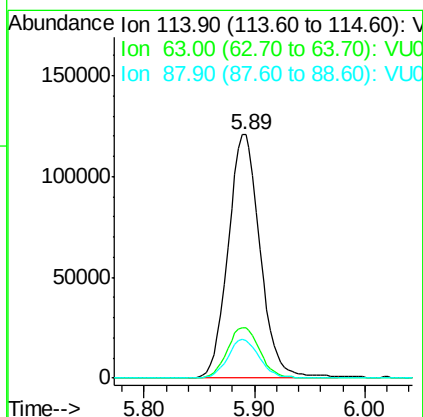
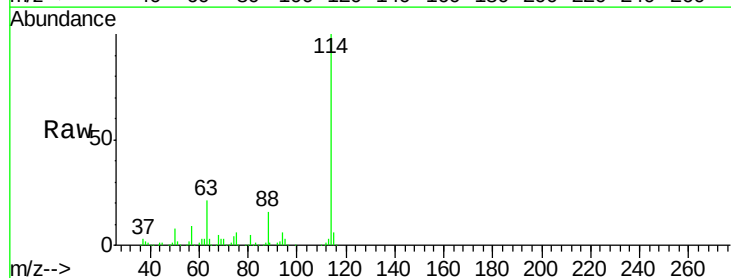
Instrument :
 MSVOA_U
 ClientSampled :

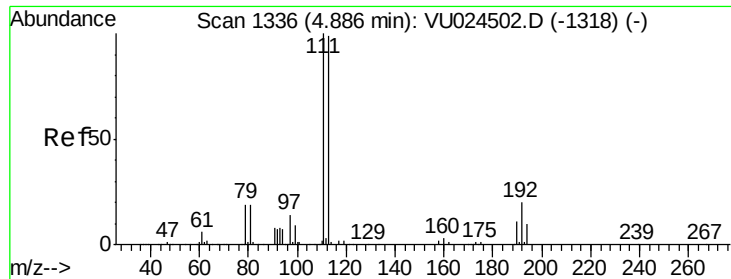
Tot Ion: 65 Resp: 138025
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion: 114 Resp: 243083
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 15.6 0.0 31.0

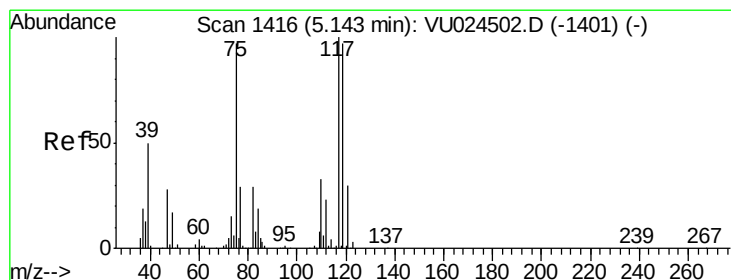
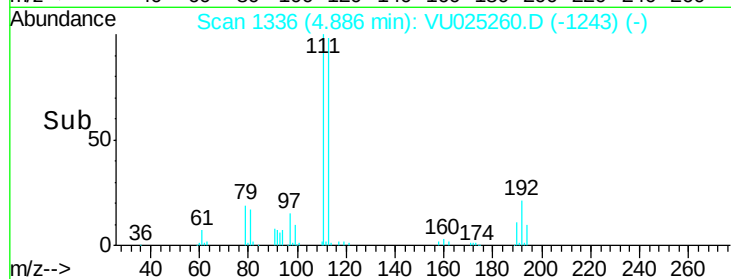
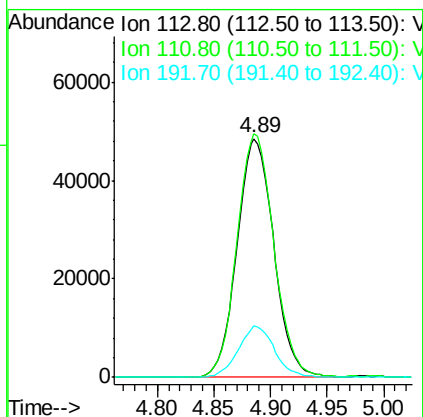
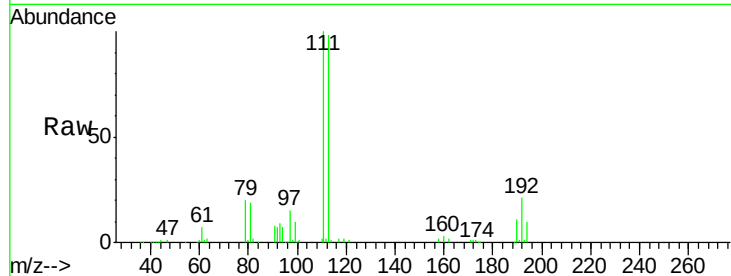




#35
Dibromofluoromethane
Concen: 54.477 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

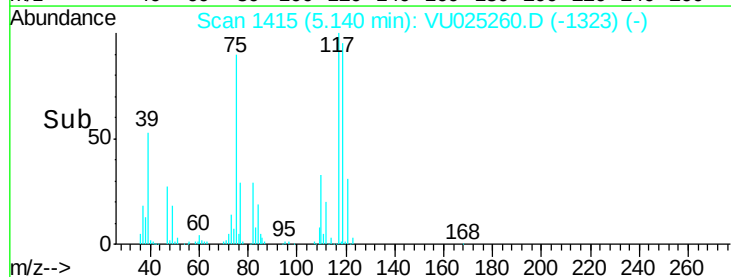
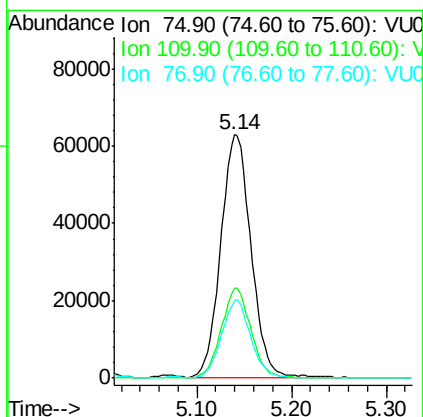
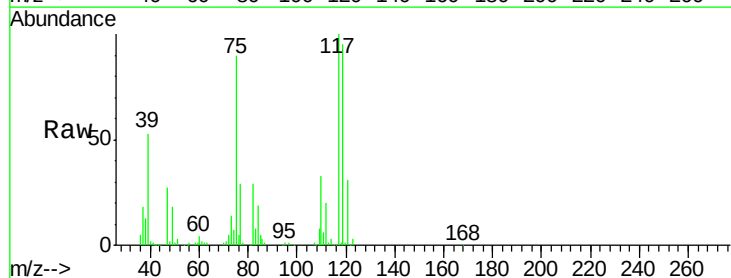
Instrument :
MSVOA_U
ClientSampleId :

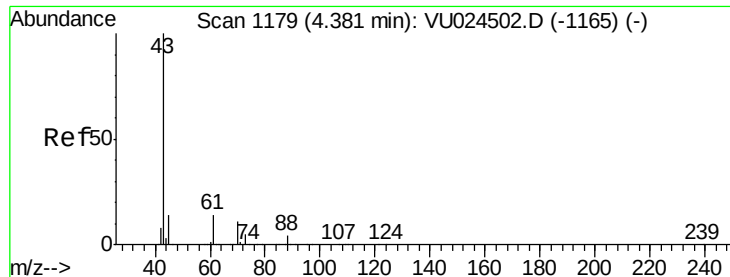
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	21.1	16.2	24.4



#36
1,1-Dichloropropene
Concen: 48.443 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.0	50.9
77	30.7	24.2	36.4

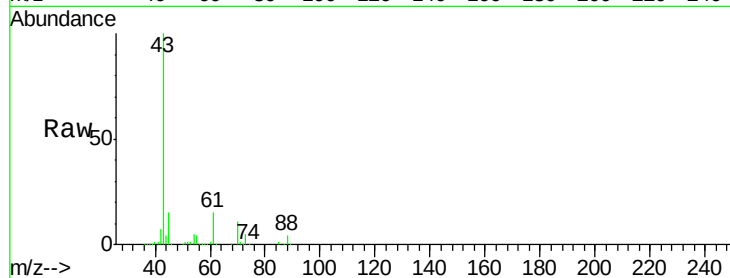




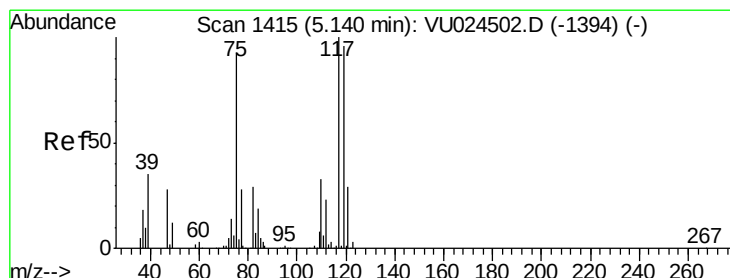
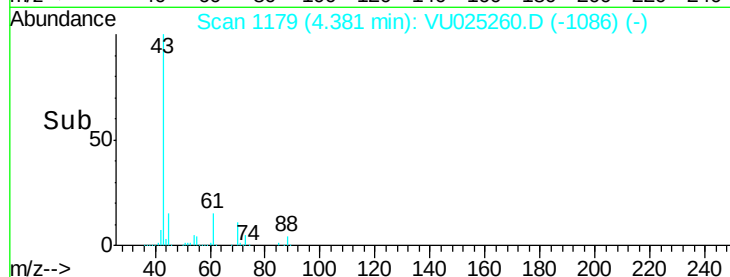
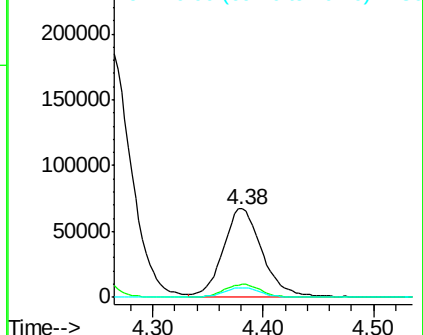
#37
Ethyl Acetate
Concen: 52.010 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 161923
Ion Ratio Lower Upper
43 100
61 13.9 10.5 15.7
70 10.7 7.4 11.2

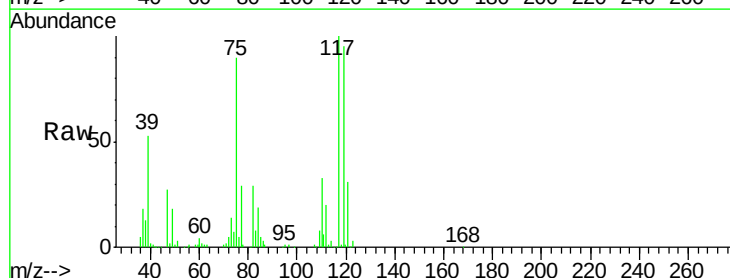


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

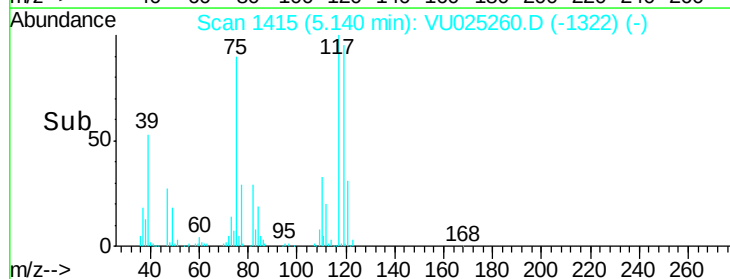
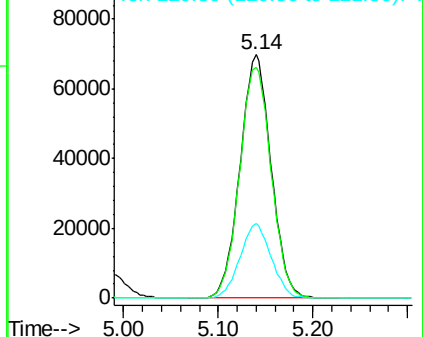


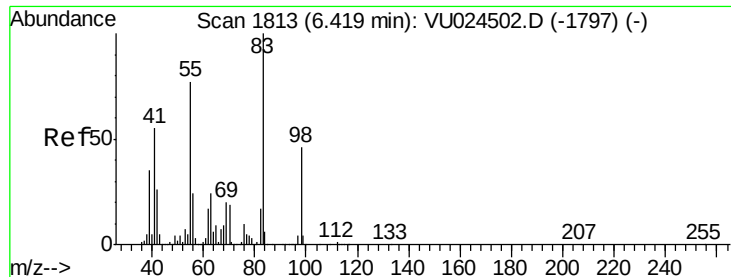
#38
Carbon Tetrachloride
Concen: 50.573 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion: 117 Resp: 158854
Ion Ratio Lower Upper
117 100
119 94.8 76.1 114.1
121 30.6 23.7 35.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

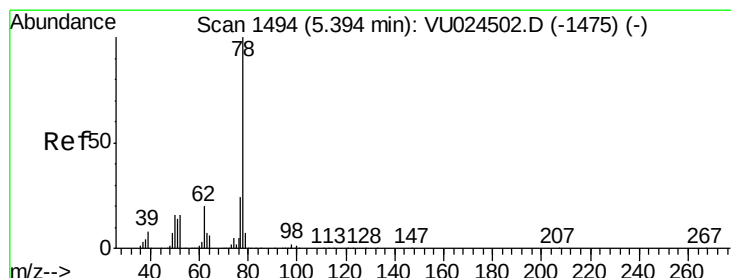
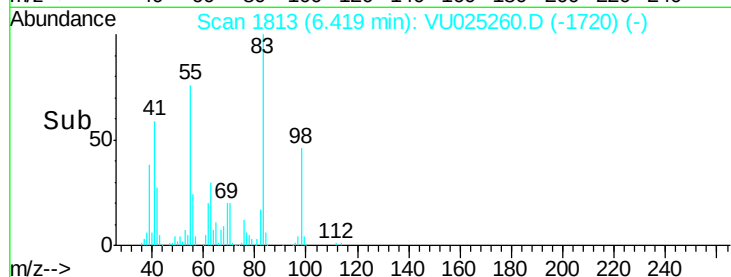
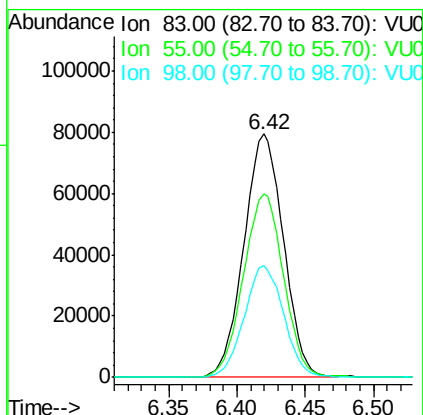
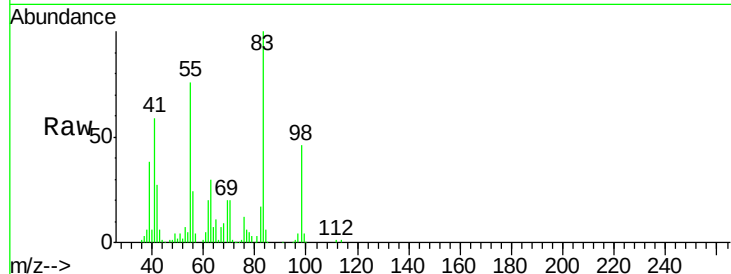




#39
Methylvlcyclohexane
Concen: 44.976 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

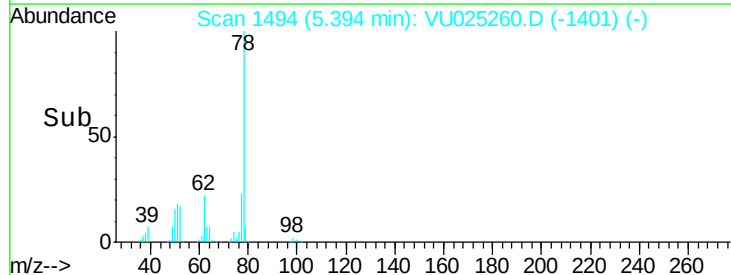
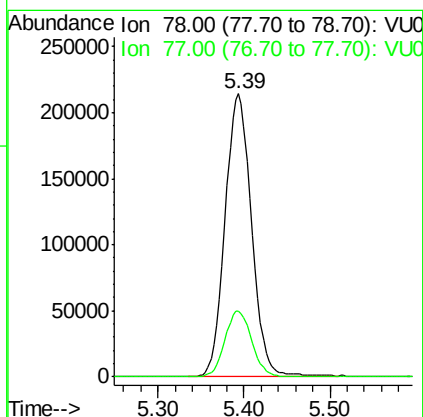
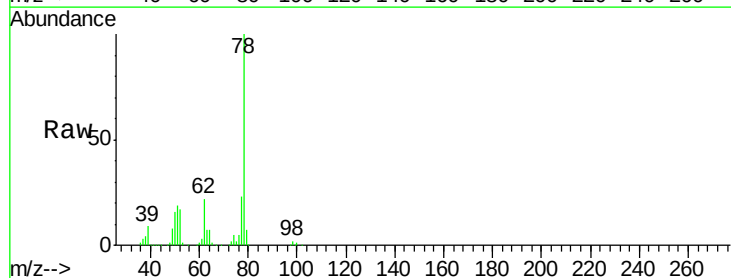
Instrument :
MSVOA_U
ClientSampleId :

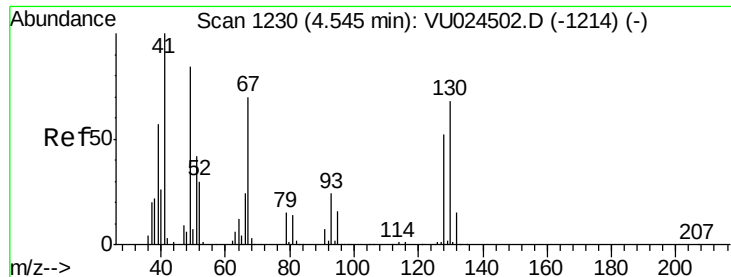
Tot Ion: 83 Resp: 160322
Ion Ratio Lower Upper
83 100
55 75.6 65.8 98.6
98 45.7 36.7 55.1



#40
Benzene
Concen: 56.489 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion: 78 Resp: 459776
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8

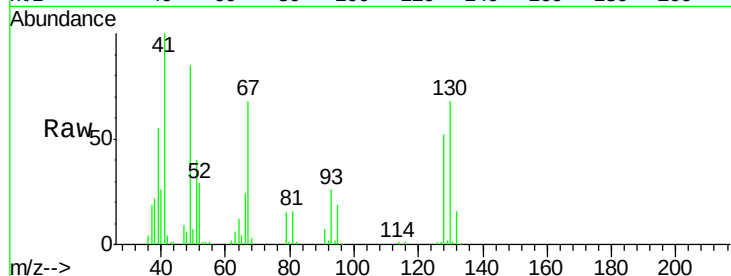




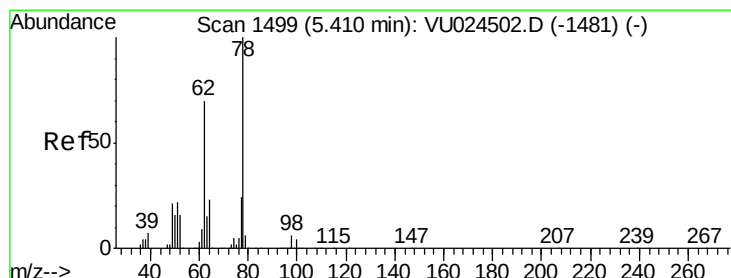
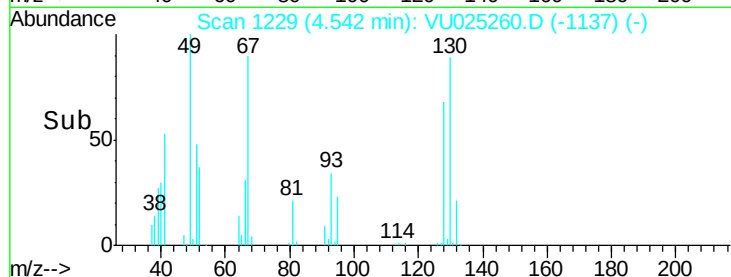
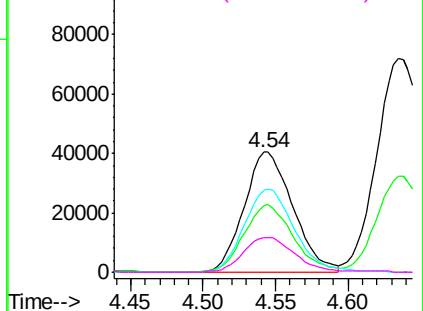
#41
Methacrylonitrile
Concen: 56.569 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	41	Resp:	94955
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.8	65.6
67	71.2	56.3	84.5
52	30.8	23.2	34.8

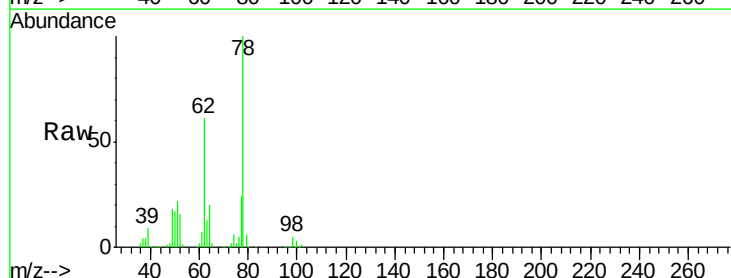


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

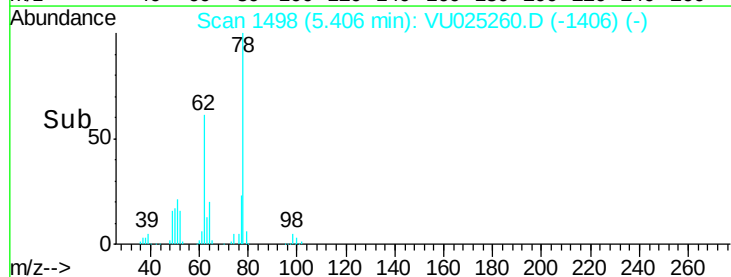
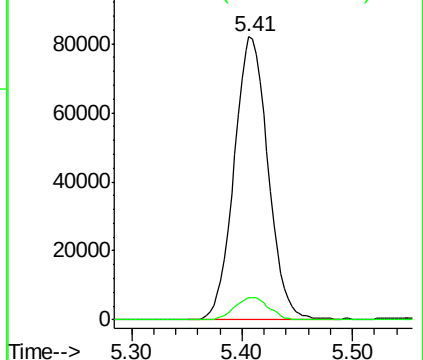


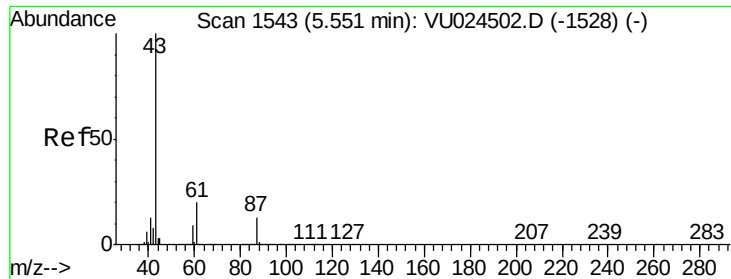
#42
1,2-Dichloroethane
Concen: 56.473 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion:	62	Resp:	175062
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 49.062 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

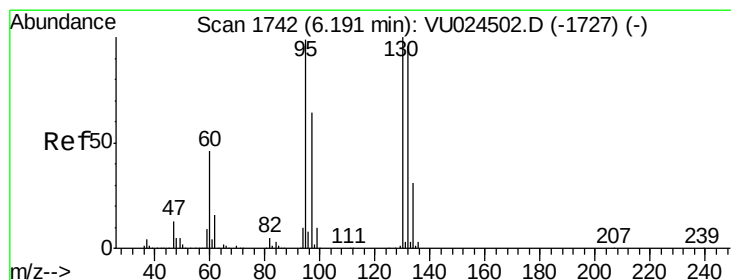
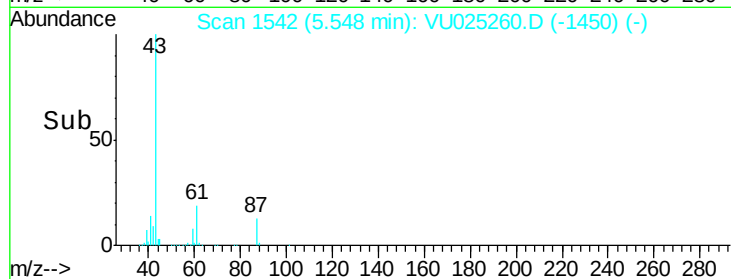
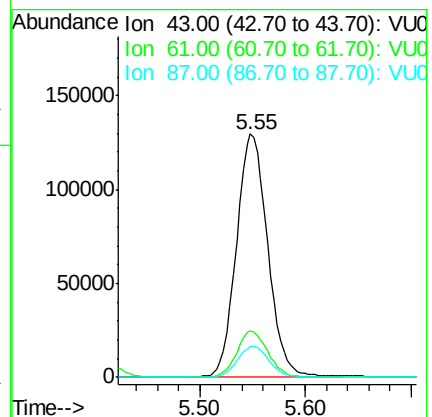
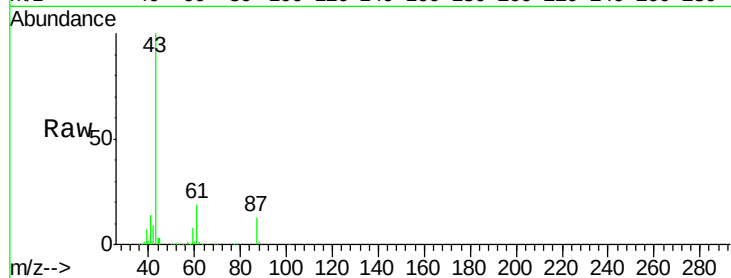
Tot Ion: 43 Resp: 264023

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

87 13.1 10.0 15.0



#44

Trichloroethene

Concen: 52.223 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025260.D

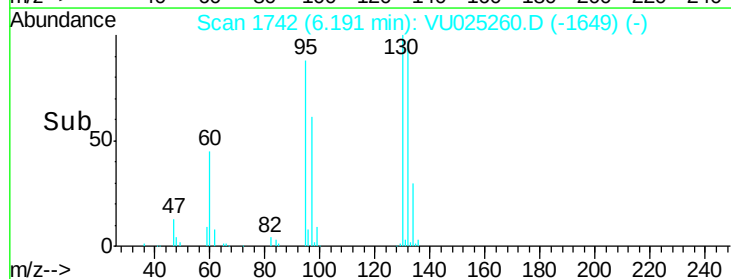
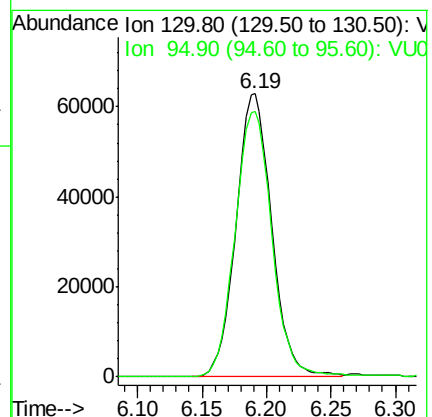
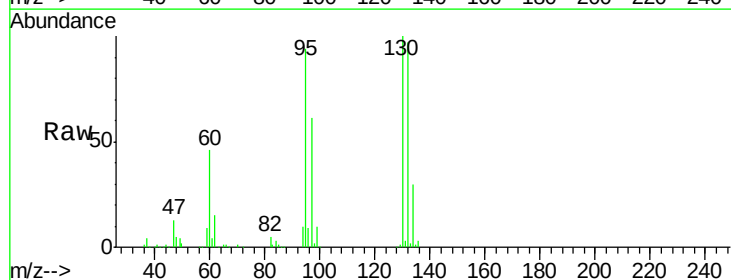
Acq: 06 Jul 2018 23:20

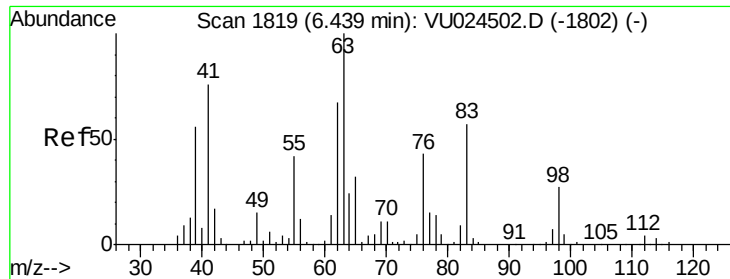
Tgt Ion:130 Resp: 120969

Ion Ratio Lower Upper

130 100

95 93.8 0.0 202.4





#45

1,2-Dichloropropane

Concen: 51.510 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

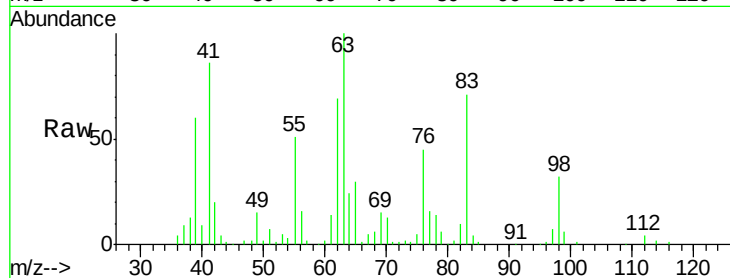
ClientSampleId :

Tot Ion: 63 Resp: 111867

Ion Ratio Lower Upper

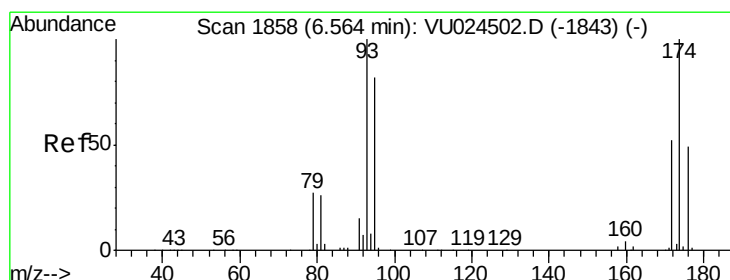
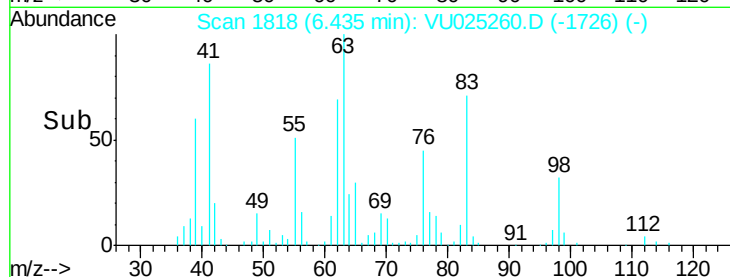
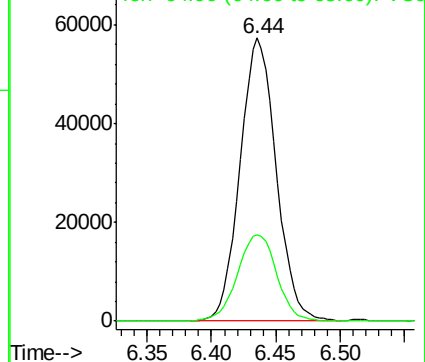
63 100

65 30.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 53.625 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

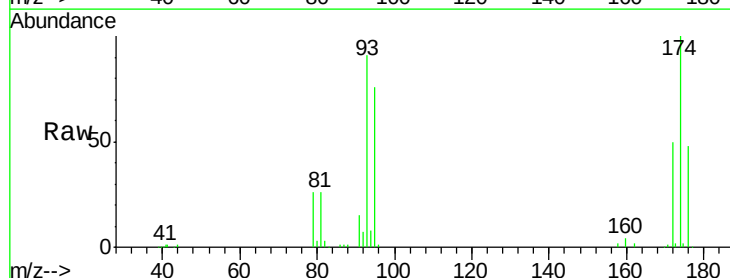
Tgt Ion: 93 Resp: 81803

Ion Ratio Lower Upper

93 100

95 81.9 65.5 98.3

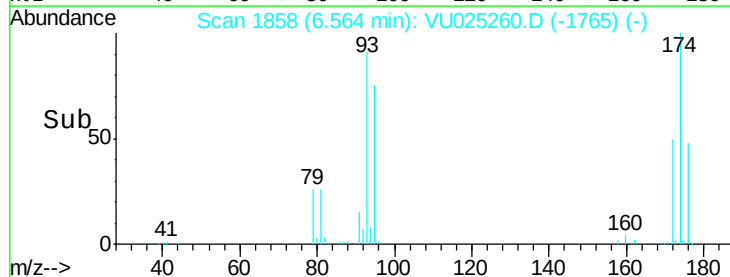
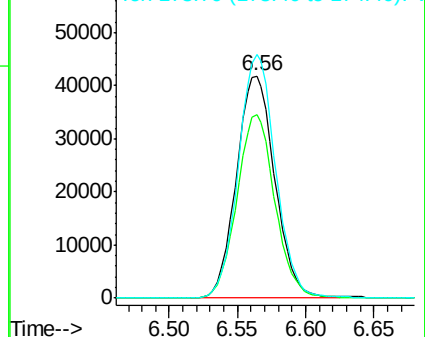
174 106.1 78.7 118.1

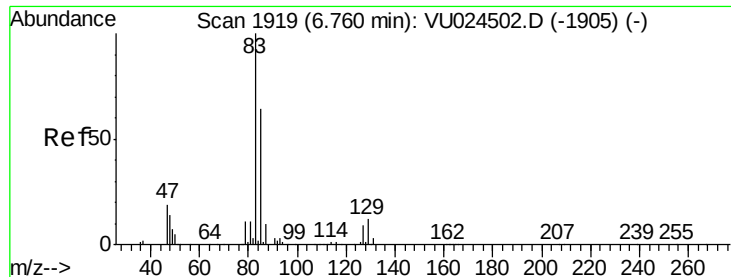


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

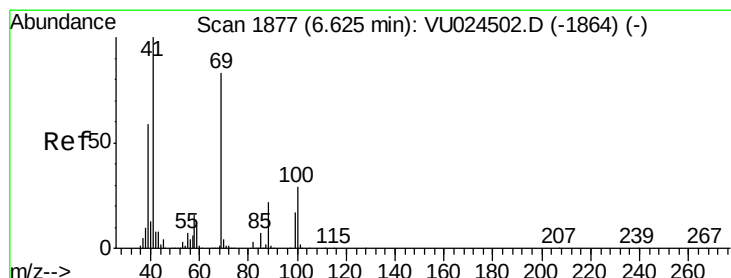
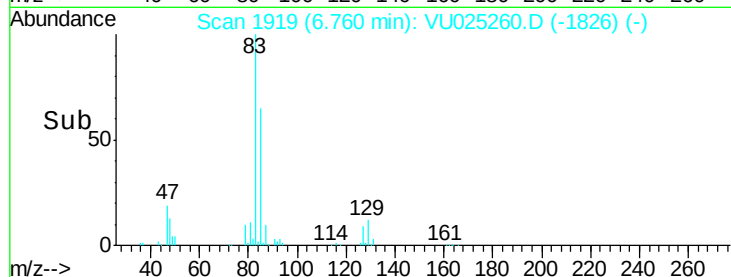
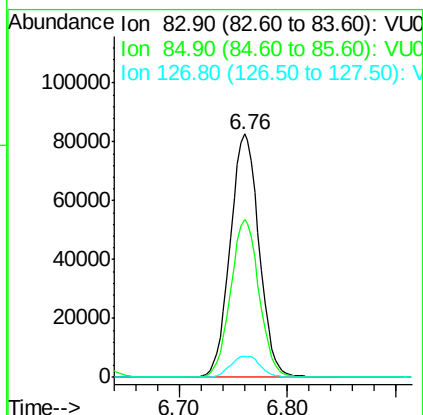
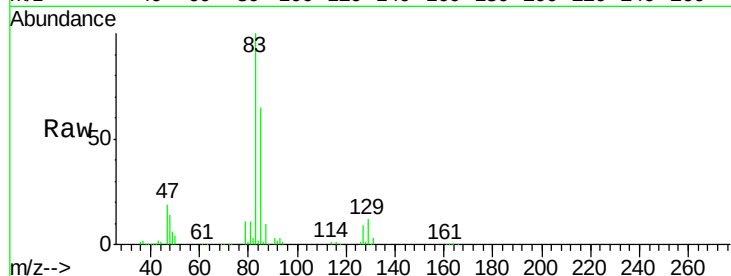




#47
 Bromodichloromethane
 Concen: 50.881 ug/l
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

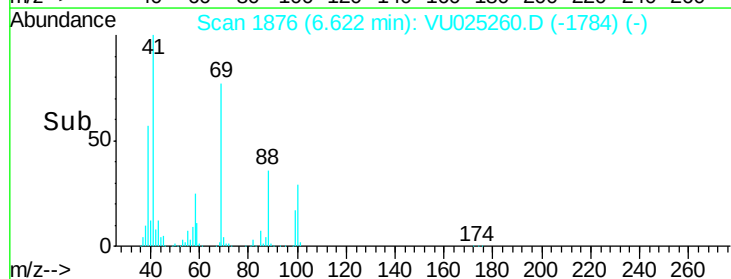
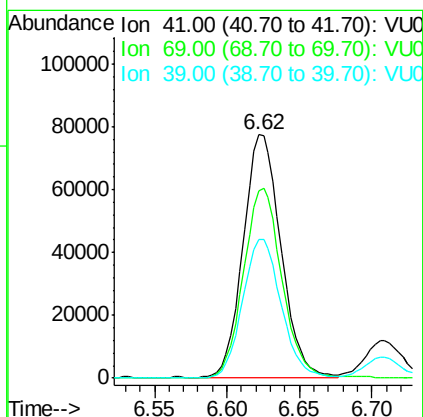
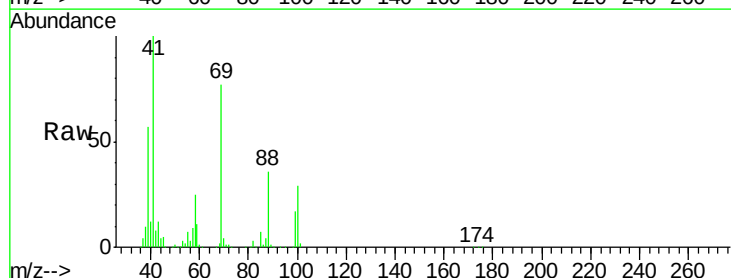
Instrument :
 MSVOA_U
 ClientSampleId :

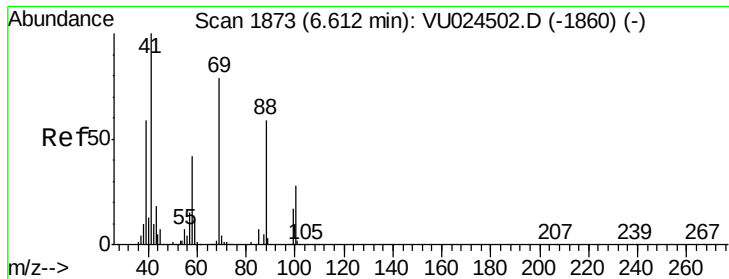
Tot Ion	83	Resp	154556
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.9	77.9
127	8.8	6.6	9.8



#48
 Methyl methacrylate
 Concen: 53.488 ug/l
 RT: 6.62 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion	41	Resp	140162
Ion Ratio	Lower	Upper	
41	100		
69	79.5	67.3	100.9
39	58.0	46.5	69.7





#49

1,4-Dioxane

Concen: 1268.505 ug/l

RT: 6.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :

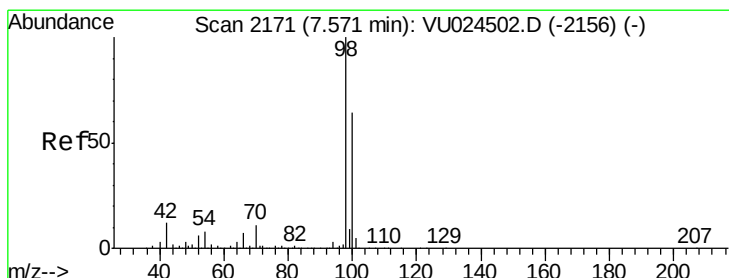
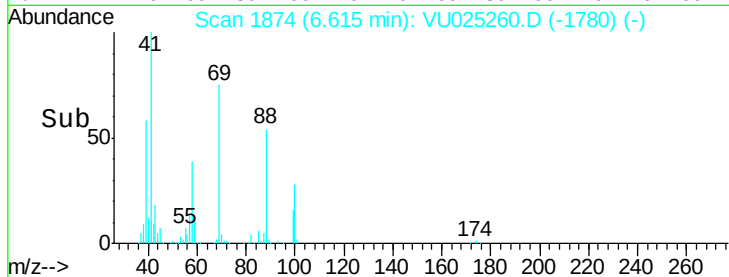
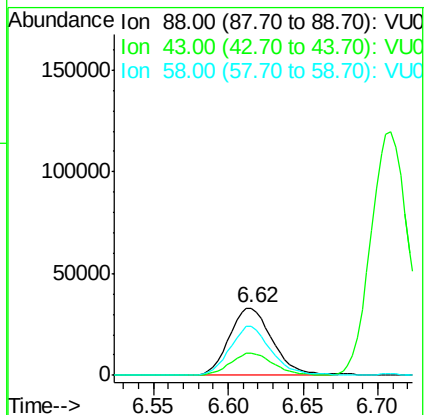
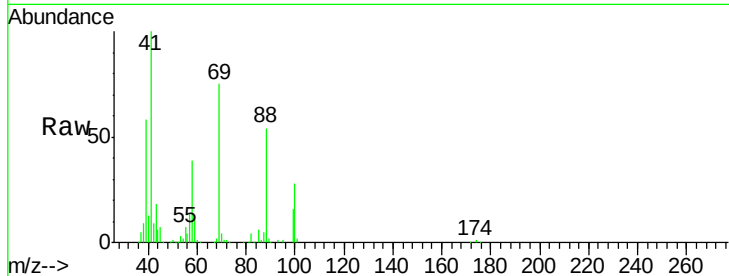
Tot Ion: 88 Resp: 65006

Ion Ratio Lower Upper

88 100

43 32.8 28.6 42.8

58 71.3 58.2 87.4



#50

Toluene-d8

Concen: 49.898 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025260.D

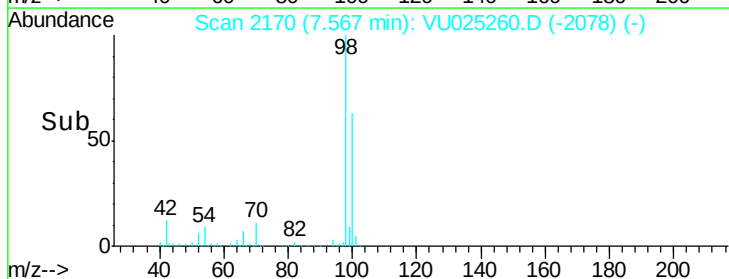
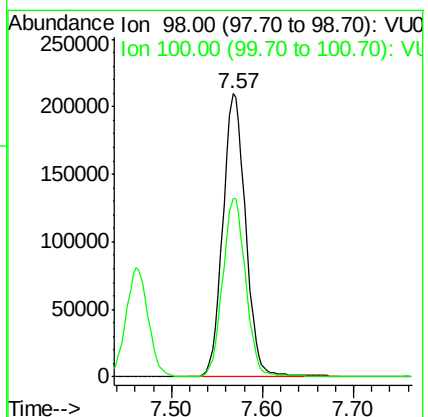
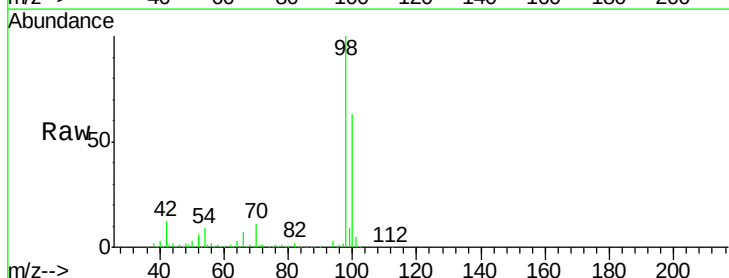
Acq: 06 Jul 2018 23:20

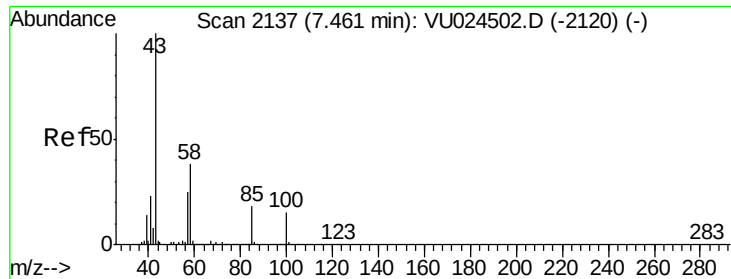
Tgt Ion: 98 Resp: 367183

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7

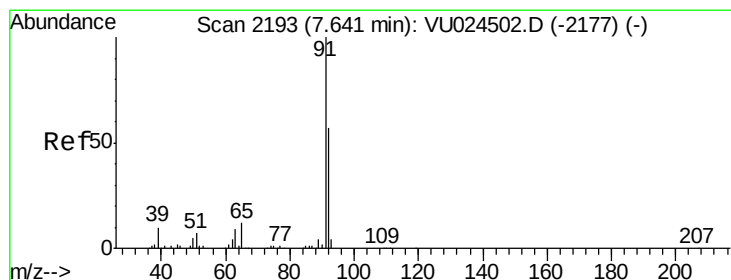
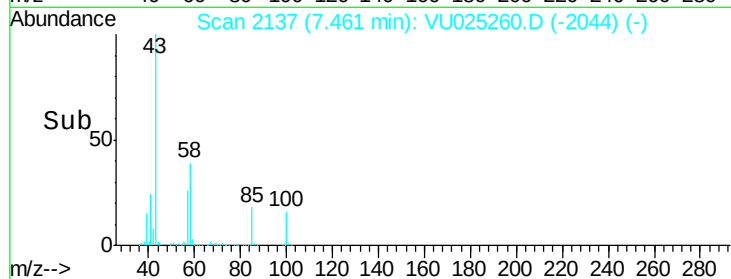
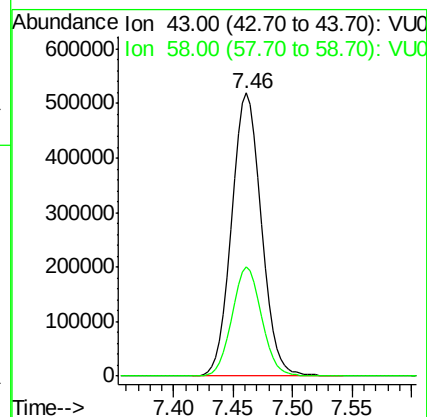
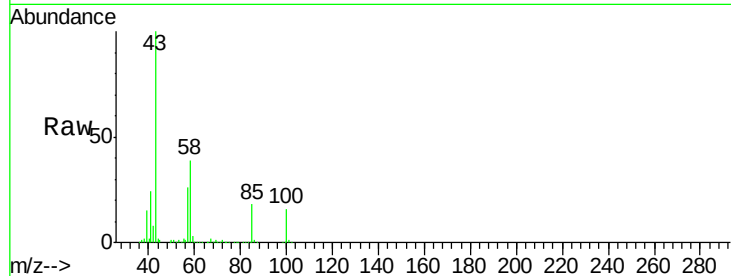




#51
 4-Methyl-2-Pentanone
 Concen: 266.149 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

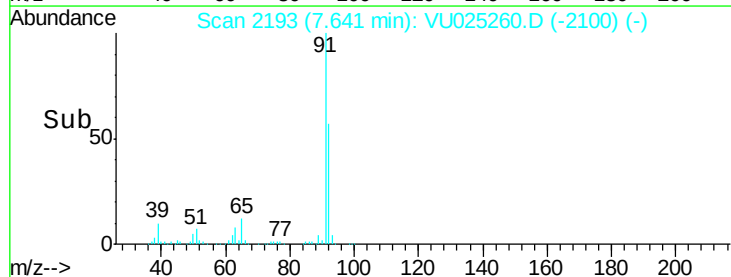
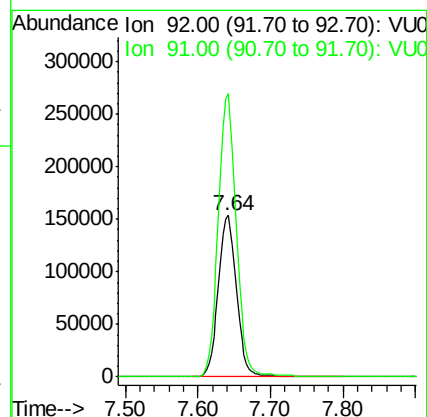
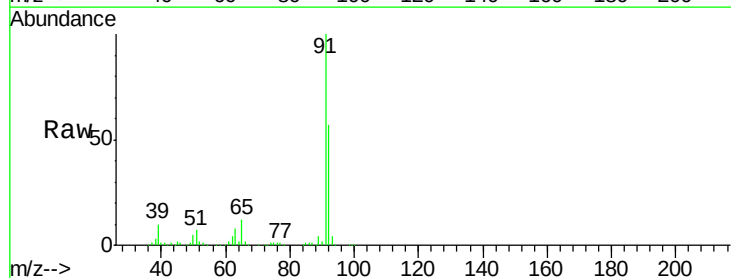
Instrument :
 MSVOA_U
 ClientSampled :

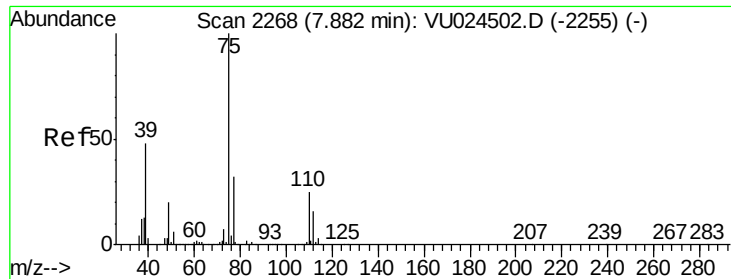
Tot Ion: 43 Resp: 899824
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.0 45.0



#52
 Toluene
 Concen: 51.507 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion: 92 Resp: 269717
 Ion Ratio Lower Upper
 92 100
 91 172.1 140.5 210.7

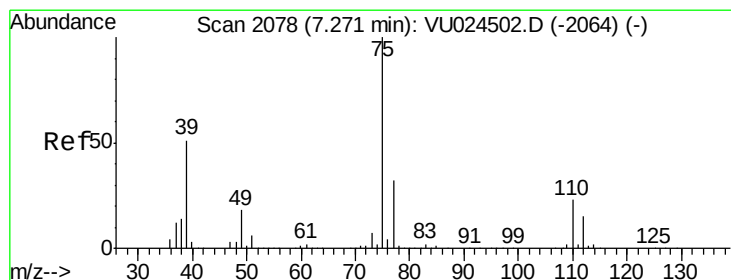
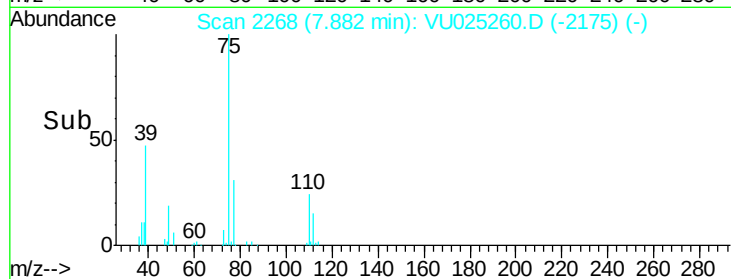
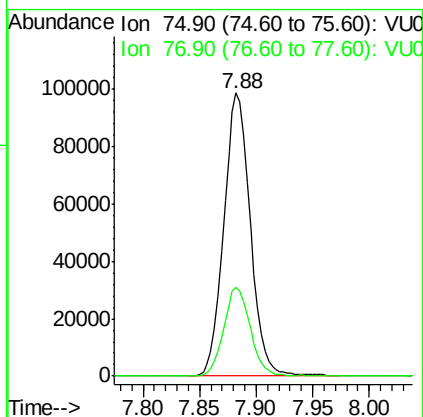
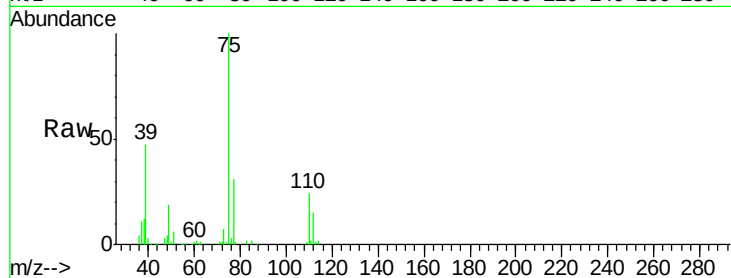




#53
t-1,3-Dichloropropene
Concen: 47.172 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

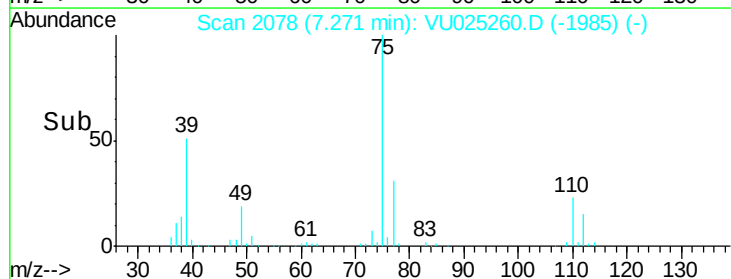
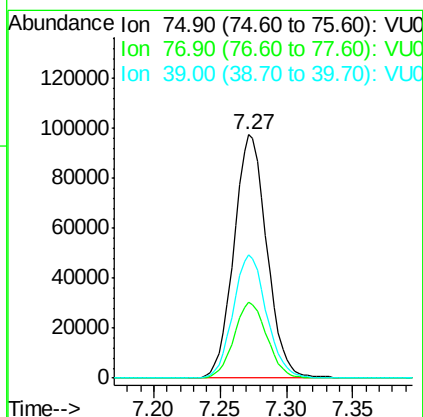
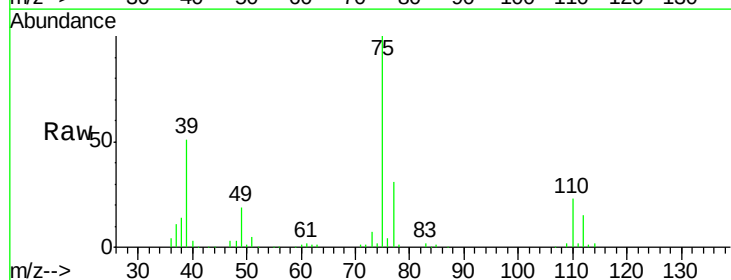
Instrument :
MSVOA_U
ClientSampled :

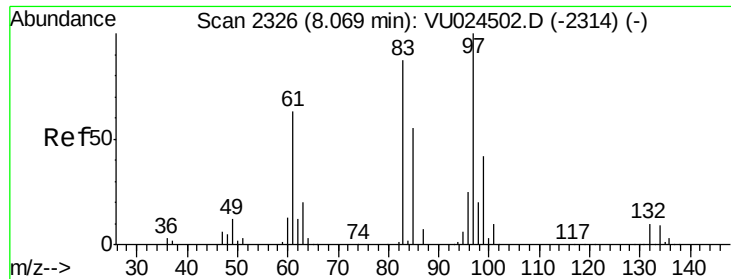
Tot Ion: 75 Resp: 160917
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 46.353 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion: 75 Resp: 168490
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8
39 50.7 39.8 59.6

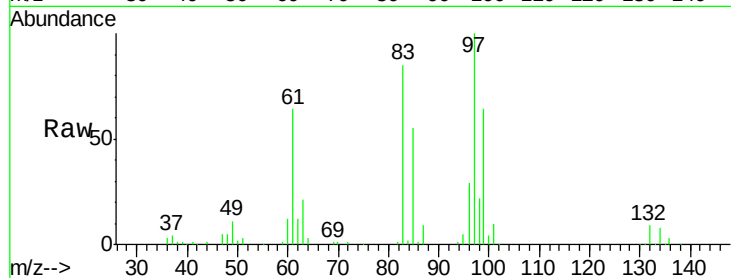




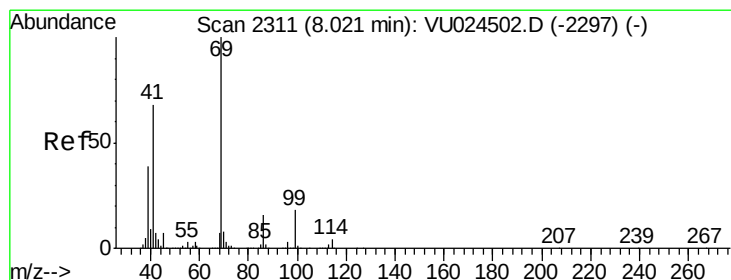
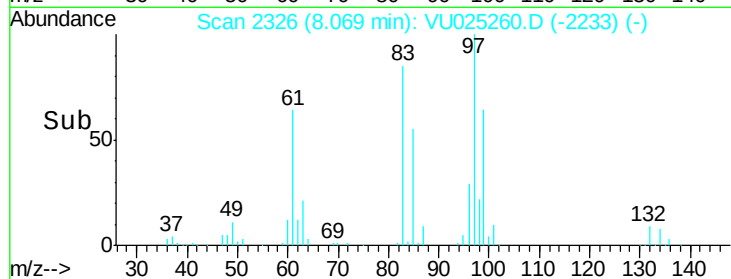
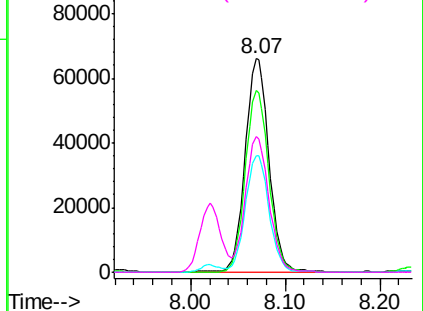
#55
 1,1,2-Trichloroethane
 Concen: 54.495 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	97	Resp:	115996
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.5	105.7
85	54.4	46.4	69.6
99	63.5	50.2	75.2

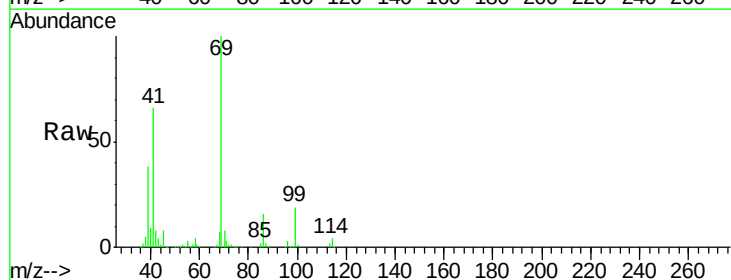


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

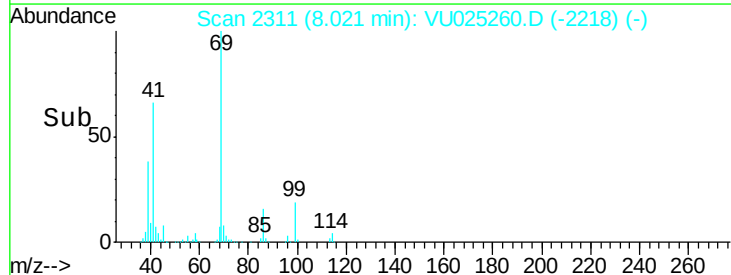
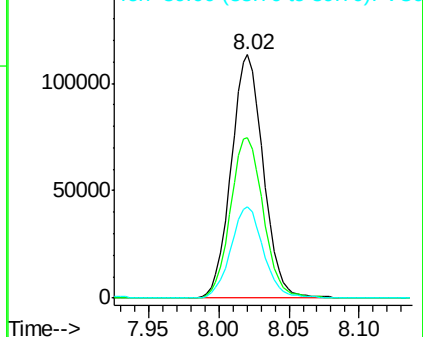


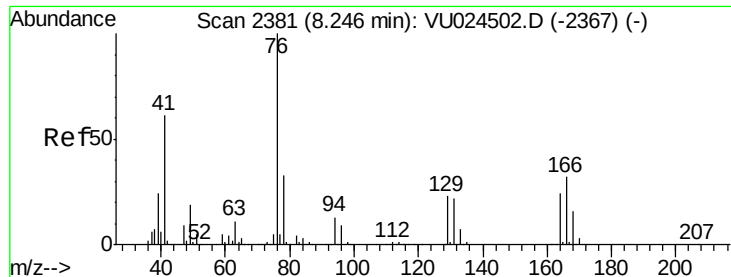
#56
 Ethyl methacrylate
 Concen: 50.814 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion:	69	Resp:	181034
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.1	81.1
39	38.0	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

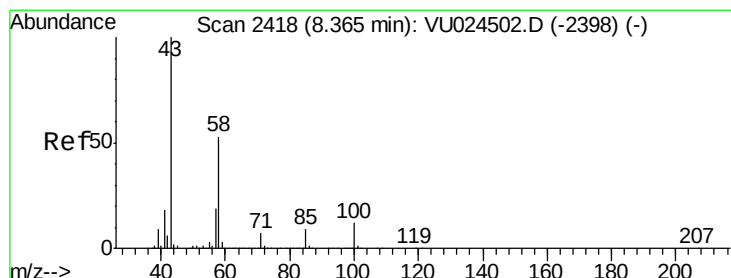
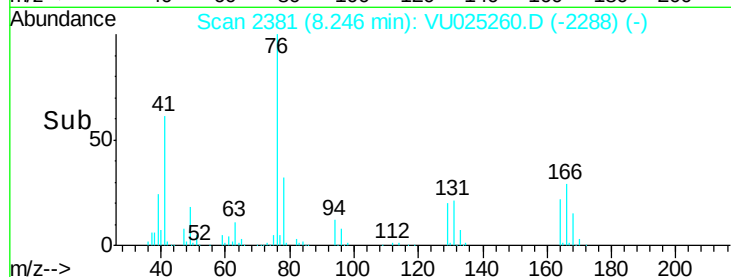
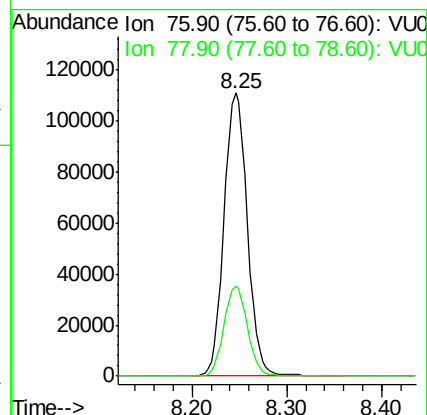
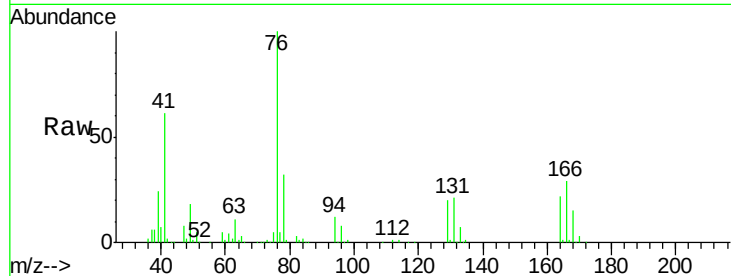




#57
 1,3-Dichloropropane
 Concen: 52.971 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

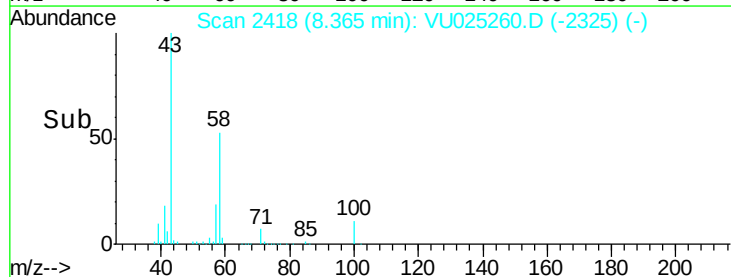
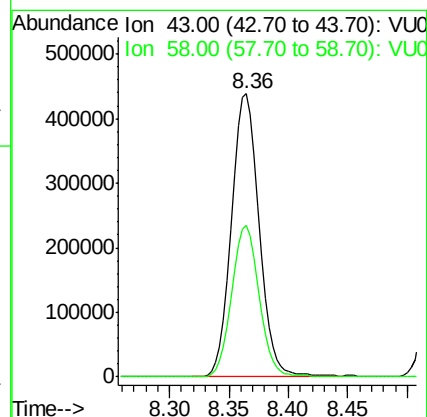
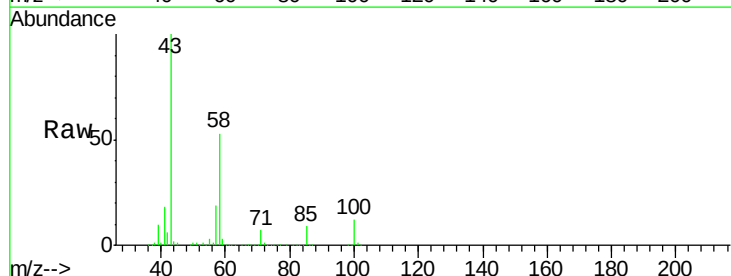
Instrument :
 MSVOA_U
 ClientSampled :

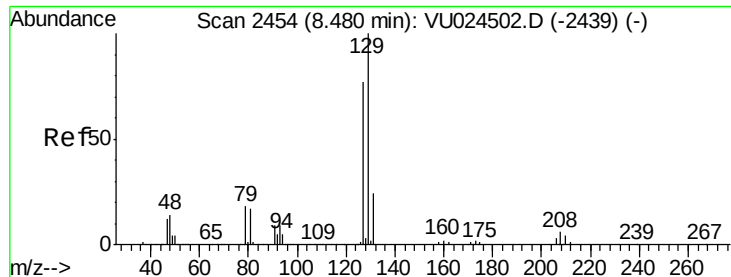
Tot Ion: 76 Resp: 190204
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8



#59
 2-Hexanone
 Concen: 256.771 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion: 43 Resp: 708735
 Ion Ratio Lower Upper
 43 100
 58 53.2 26.4 79.0





#60

Dibromochloromethane

Concen: 48.581 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

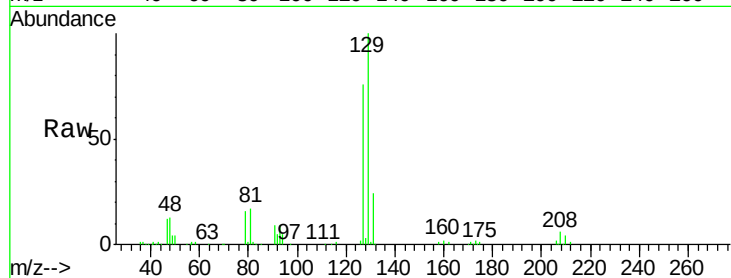
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 128949

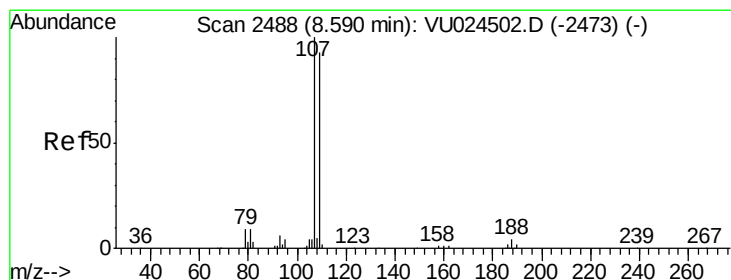
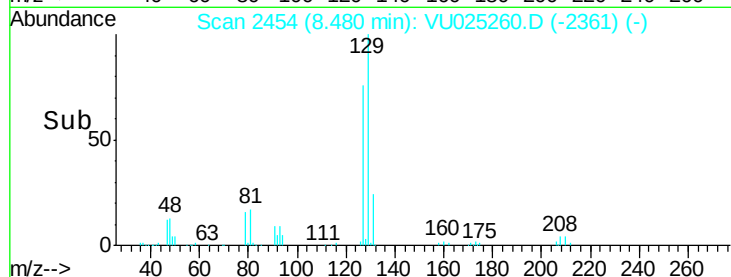
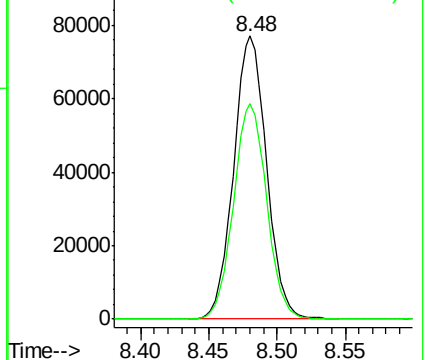
Ion Ratio Lower Upper

129 100

127 76.4 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.302 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025260.D

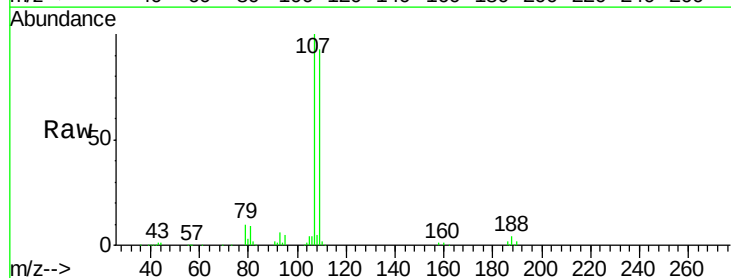
Acq: 06 Jul 2018 23:20

Tgt Ion:107 Resp: 123911

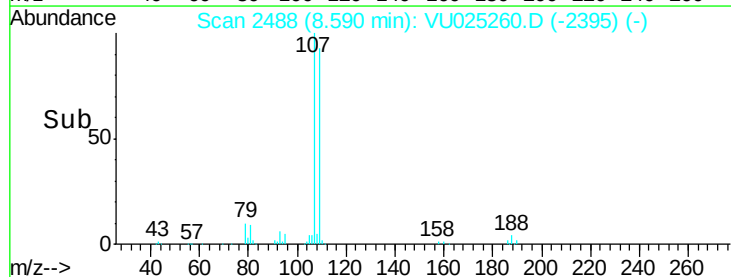
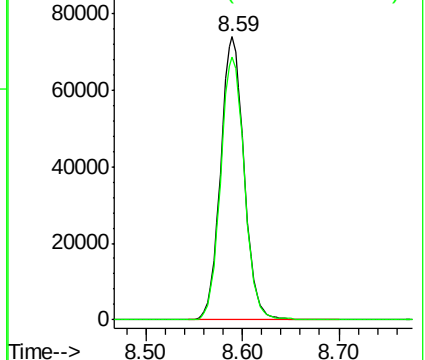
Ion Ratio Lower Upper

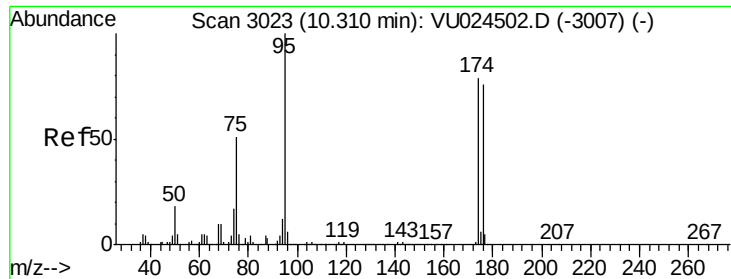
107 100

109 94.4 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.866 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

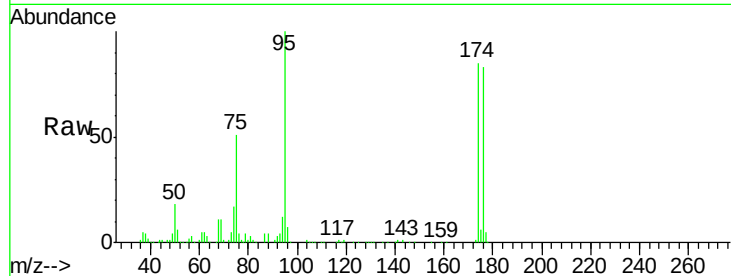
Tot Ion: 95 Resp: 151537

Ion Ratio Lower Upper

95 100

174 86.3 0.0 165.8

176 84.3 0.0 159.4



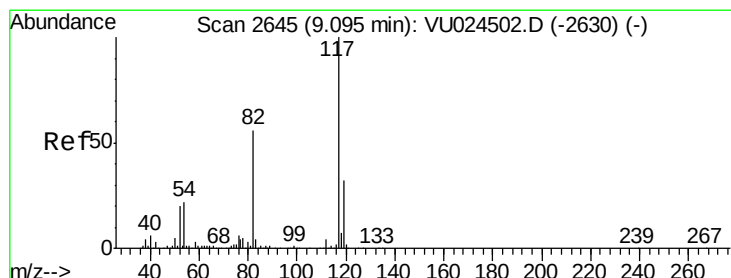
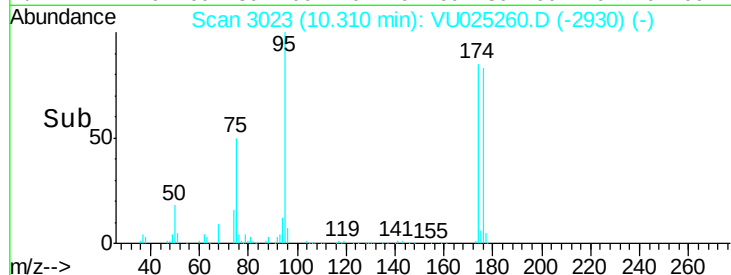
Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

10.31

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

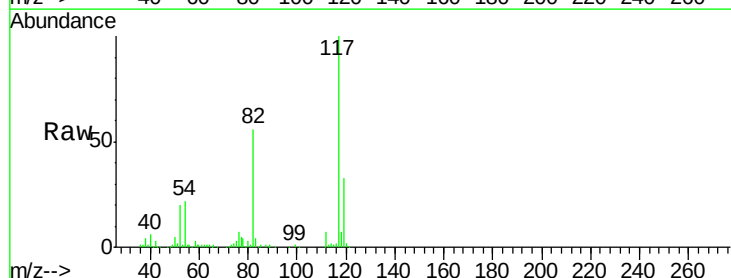
Tgt Ion: 117 Resp: 234051

Ion Ratio Lower Upper

117 100

82 55.7 44.3 66.5

119 32.7 25.4 38.2



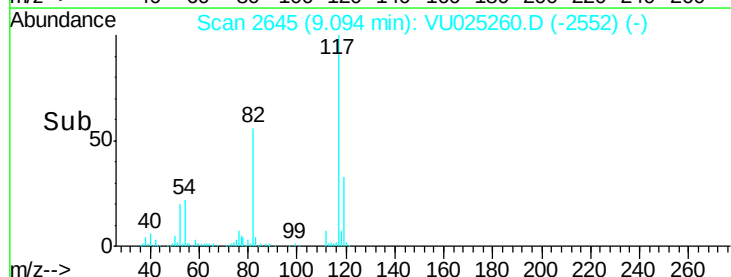
Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

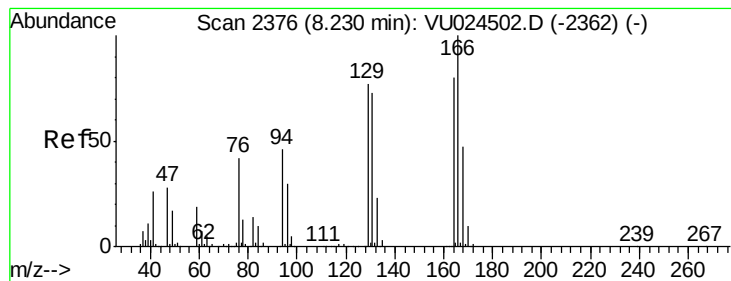
Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)

9.09

Time-->





#64

Tetrachloroethene

Concen: 45.921 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 102163

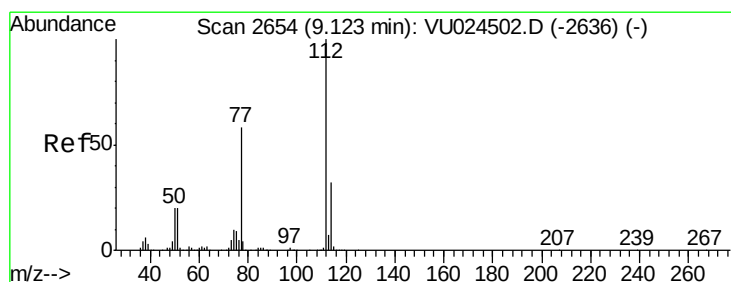
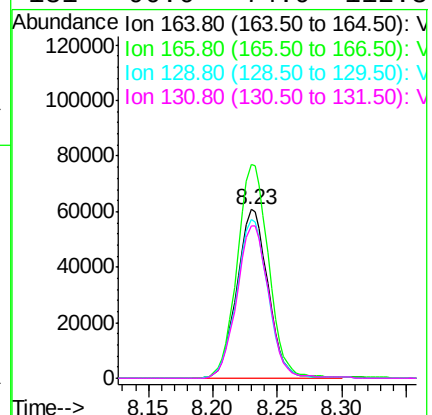
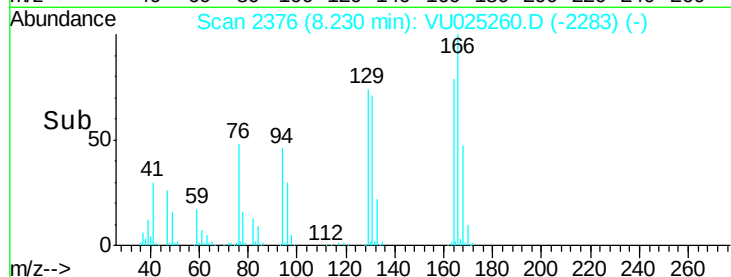
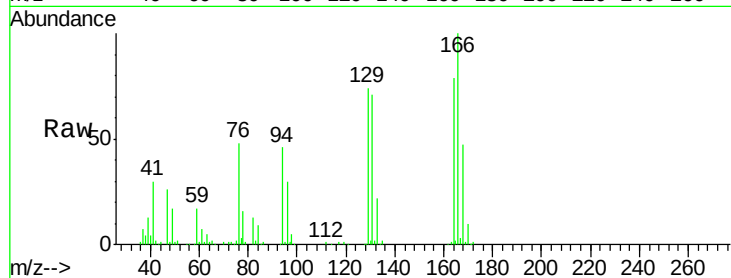
Ion Ratio Lower Upper

164 100

166 126.8 101.7 152.5

129 94.2 76.9 115.3

131 90.6 74.9 112.3



#65

Chlorobenzene

Concen: 81.696 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025260.D

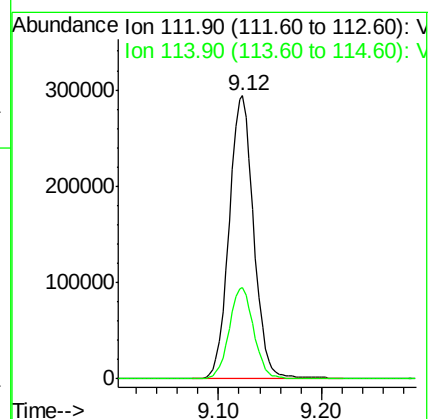
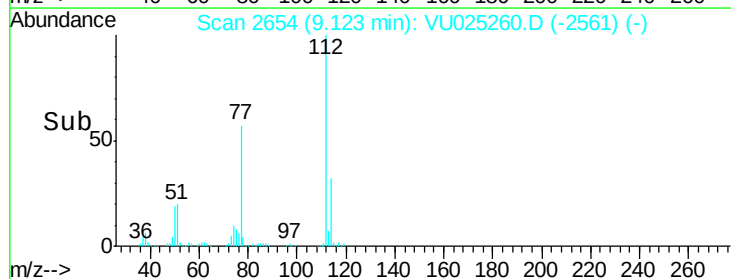
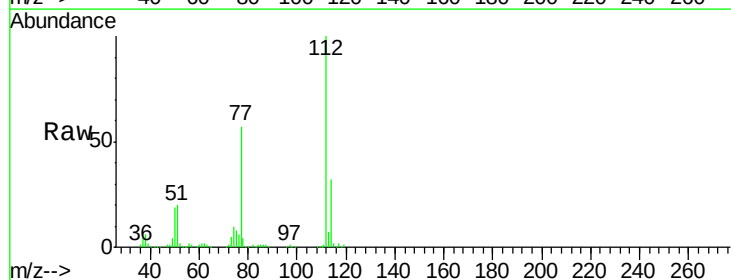
Acq: 06 Jul 2018 23:20

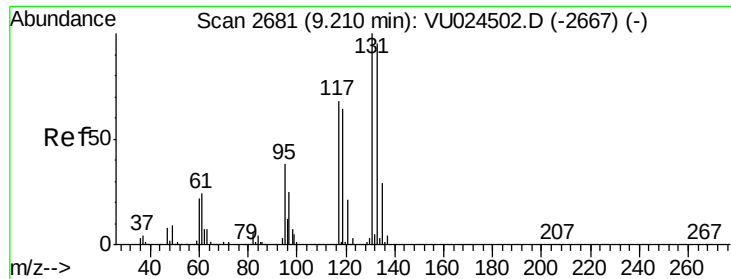
Tgt Ion:112 Resp: 488474

Ion Ratio Lower Upper

112 100

114 32.2 25.6 38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 51.837 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

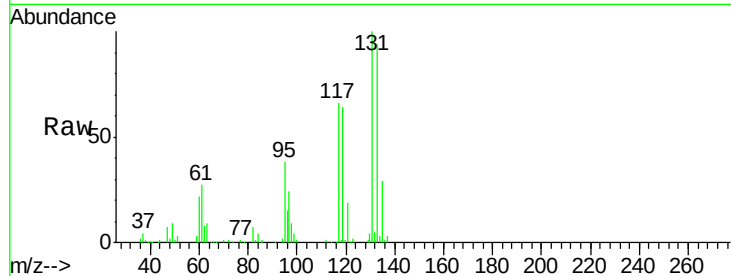
Tot Ion:131 Resp: 117753

Ion Ratio Lower Upper

131 100

133 95.9 46.9 140.8

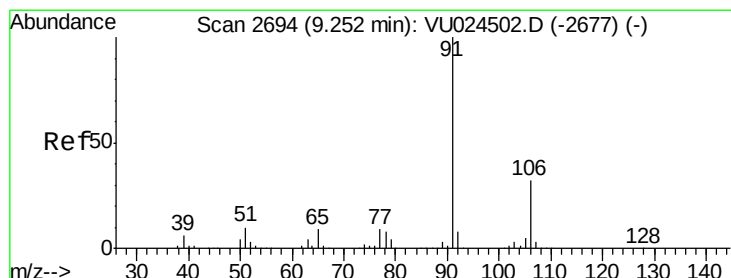
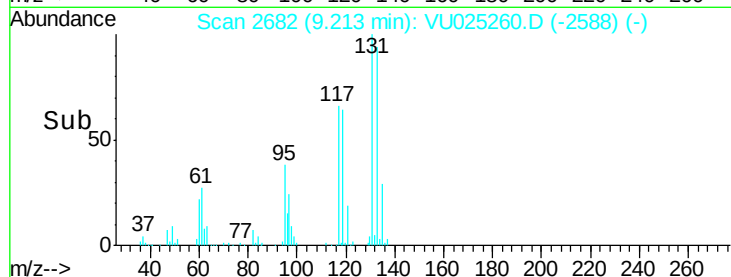
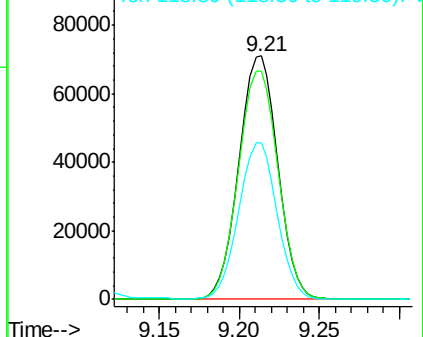
119 63.8 33.5 100.4



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: 49.968 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU025260.D

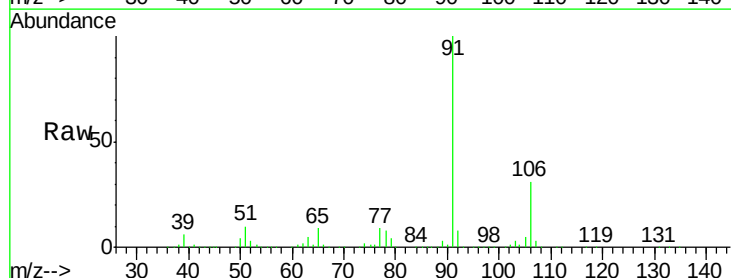
Acq: 06 Jul 2018 23:20

Tgt Ion: 91 Resp: 523763

Ion Ratio Lower Upper

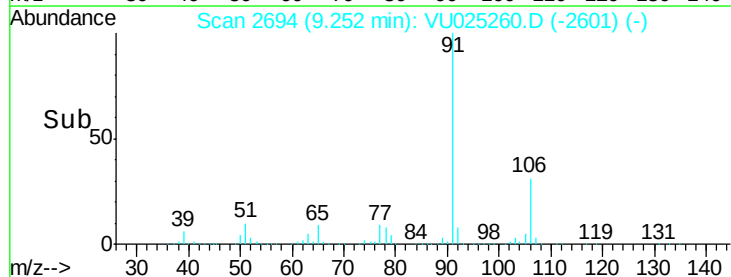
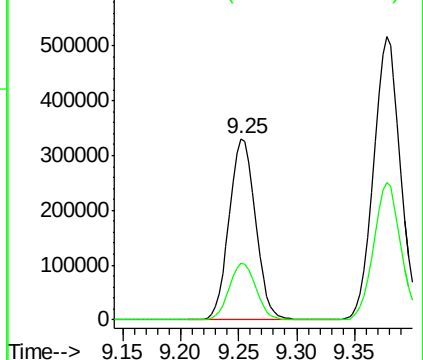
91 100

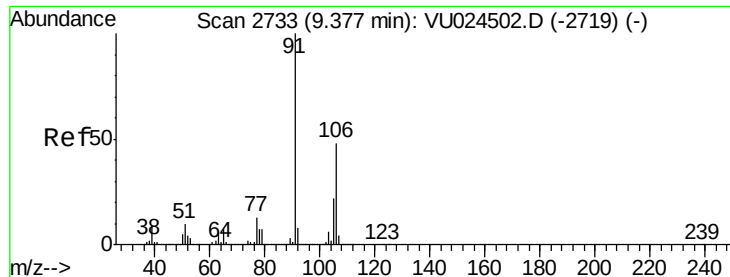
106 31.3 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

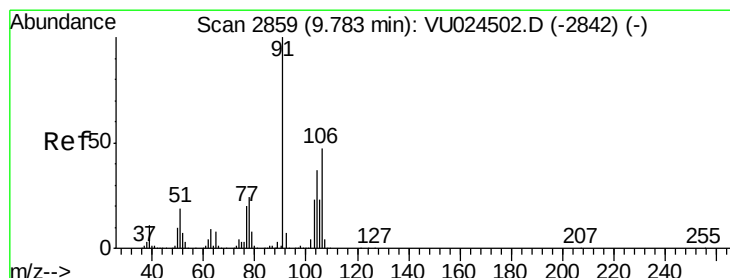
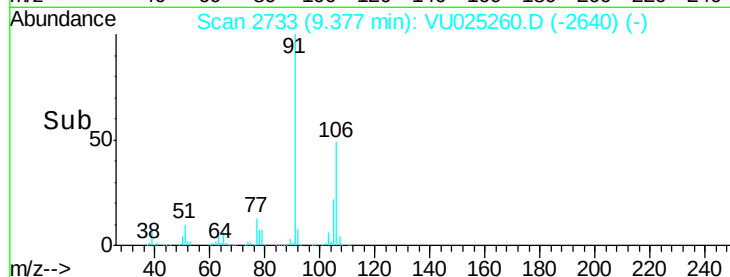
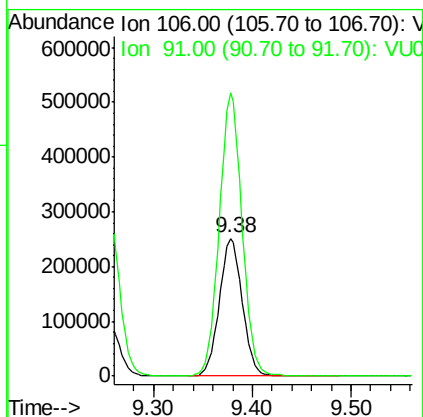
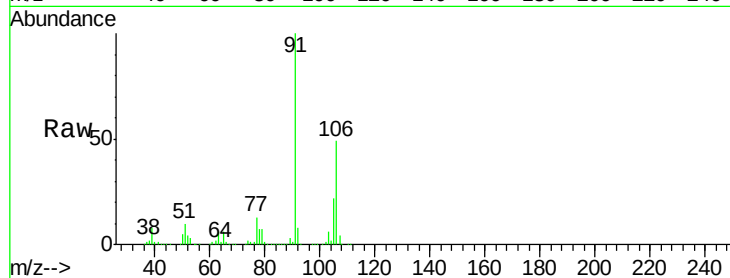




#68
m/p-Xylenes
Concen: 102.344 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

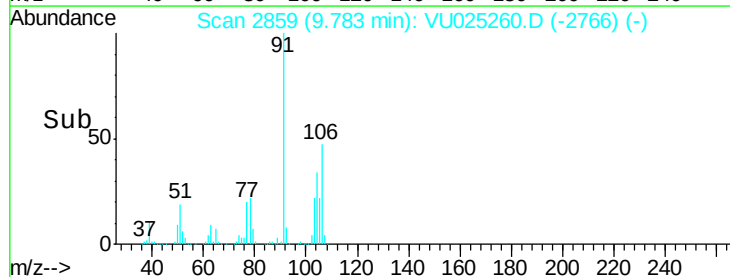
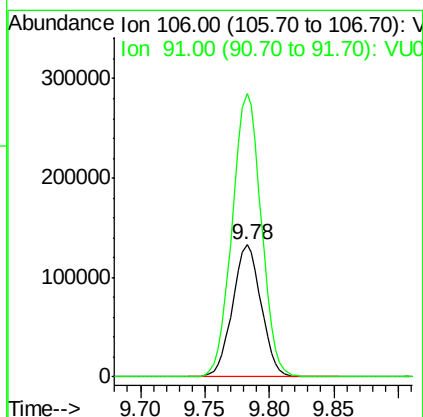
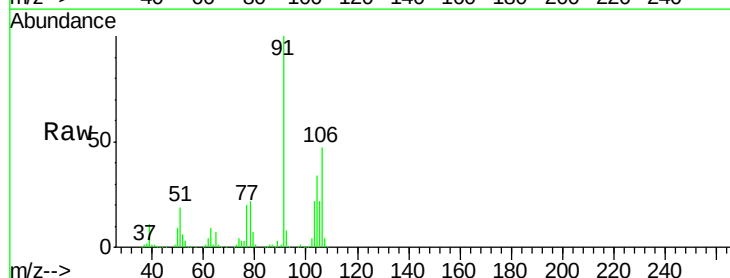
Instrument :
MSVOA_U
ClientSampleId :

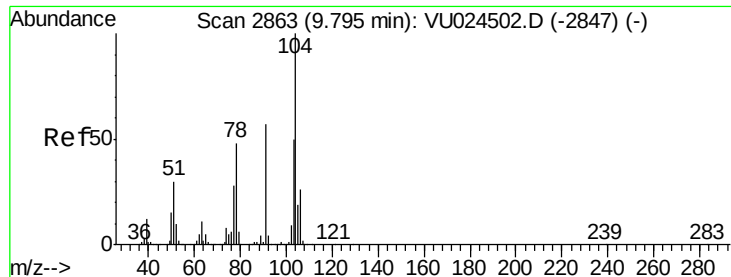
Tot Ion:106 Resp: 411939
Ion Ratio Lower Upper
106 100
91 203.3 166.5 249.7



#69
o-Xylene
Concen: 51.674 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion:106 Resp: 205839
Ion Ratio Lower Upper
106 100
91 217.3 110.7 331.9

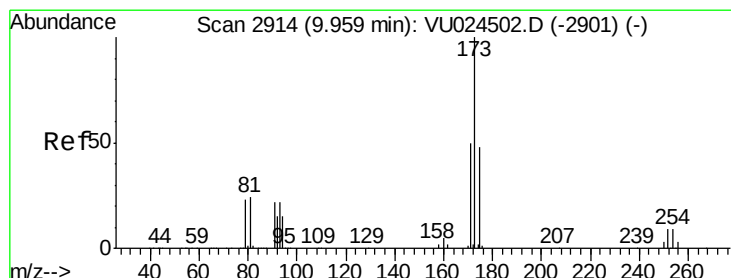
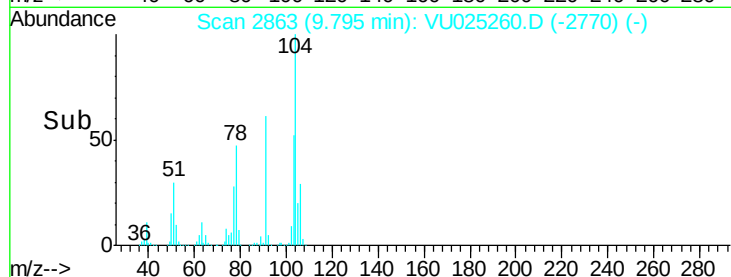
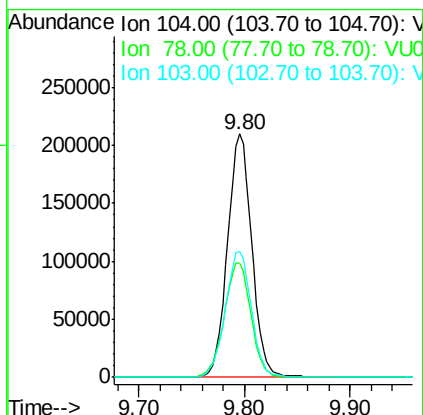
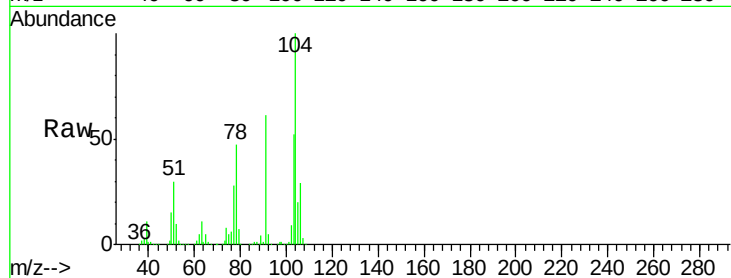




#70
Stvrene
Concen: 50.982 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

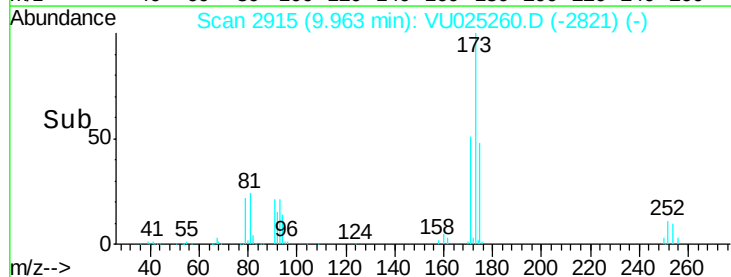
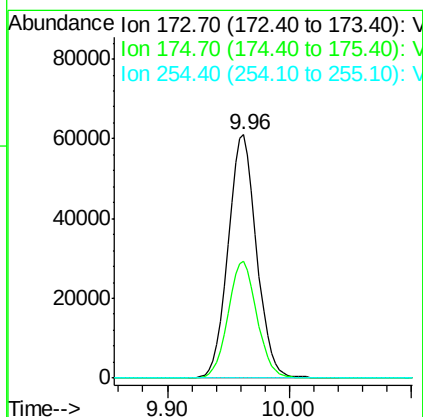
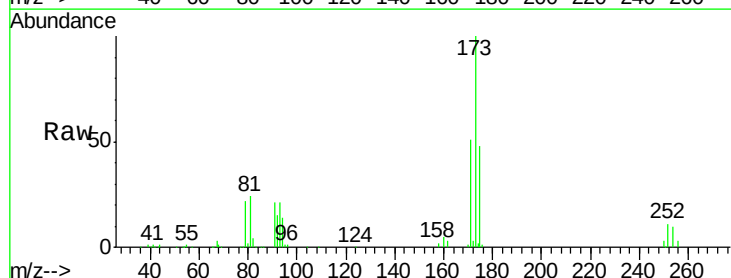
Instrument :
MSVOA_U
ClientSampled :

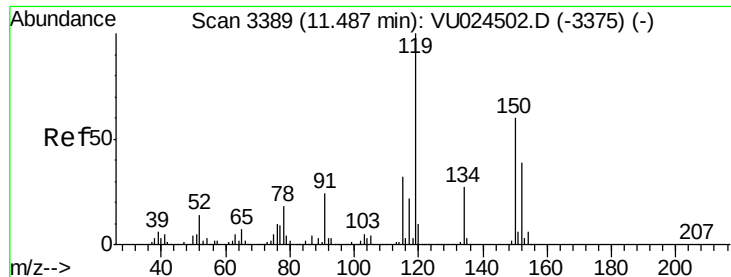
Tot Ion:104 Resp: 333733
Ion Ratio Lower Upper
104 100
78 51.8 40.6 60.8
103 55.7 44.7 67.1



#71
Bromoform
Concen: 46.024 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion:173 Resp: 99372
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

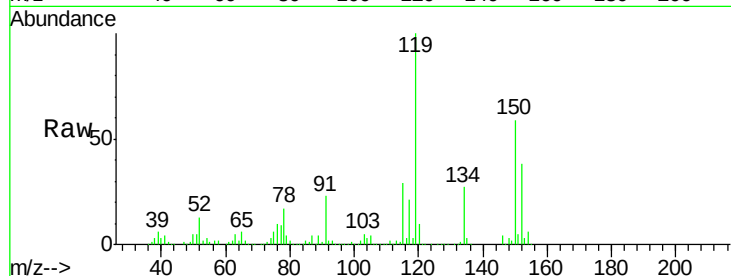
Tot Ion:152 Resp: 144295

Ion Ratio Lower Upper

152 100

115 81.5 43.0 129.0

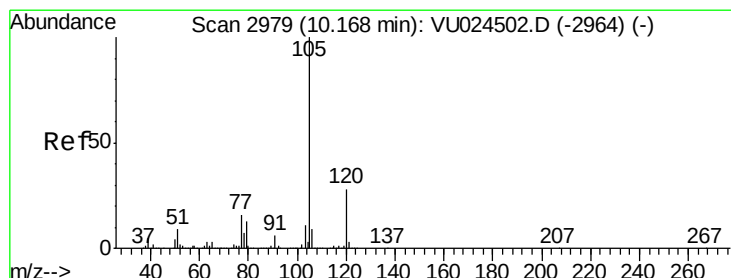
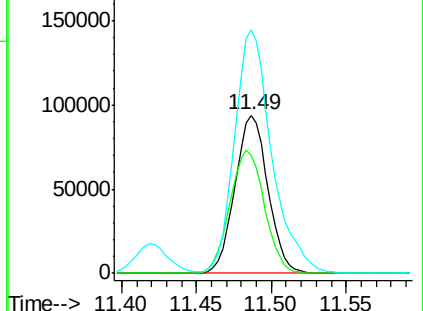
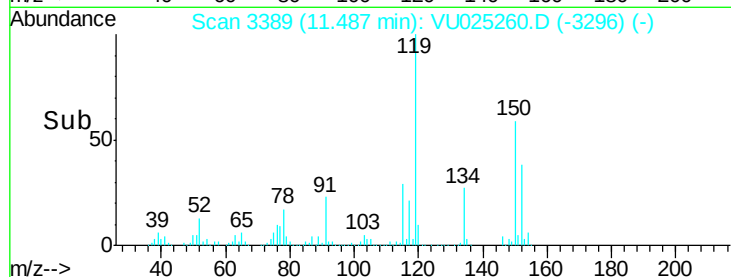
150 174.2 0.0 354.0



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: 50.020 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025260.D

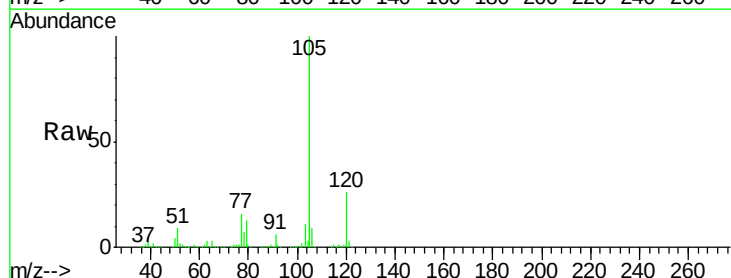
Acq: 06 Jul 2018 23:20

Tgt Ion:105 Resp: 554141

Ion Ratio Lower Upper

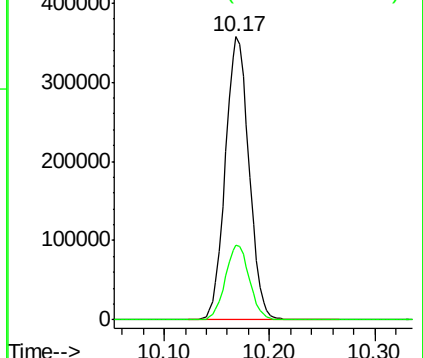
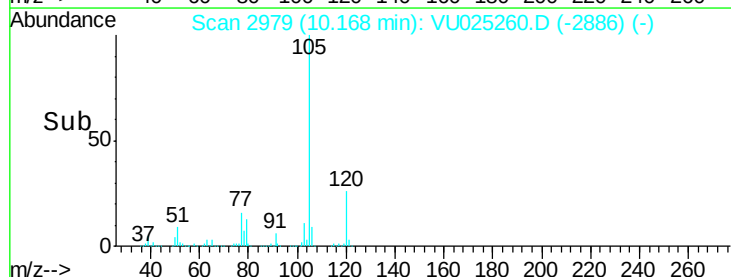
105 100

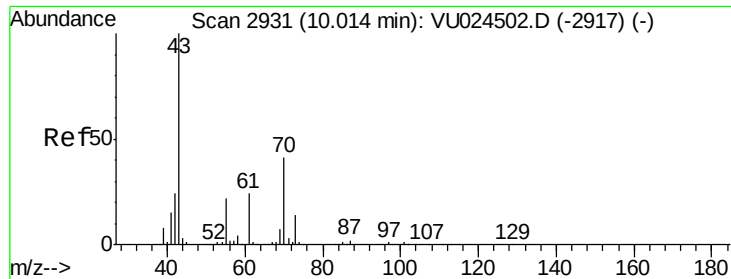
120 26.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 43.278 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 43 Resp: 228048

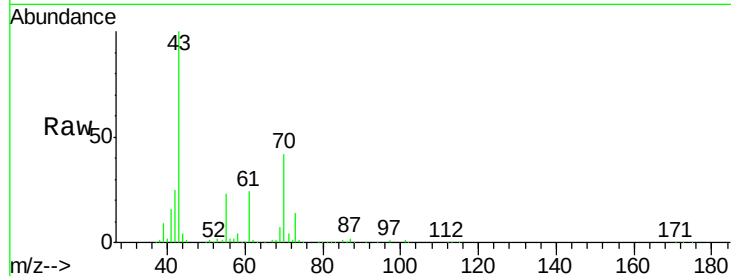
Ion Ratio Lower Upper

43 100

70 41.6 32.2 48.4

55 25.8 20.5 30.7

61 23.3 18.7 28.1

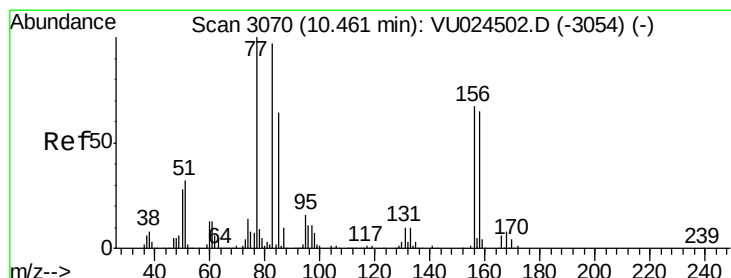
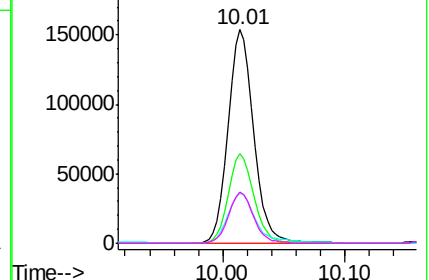
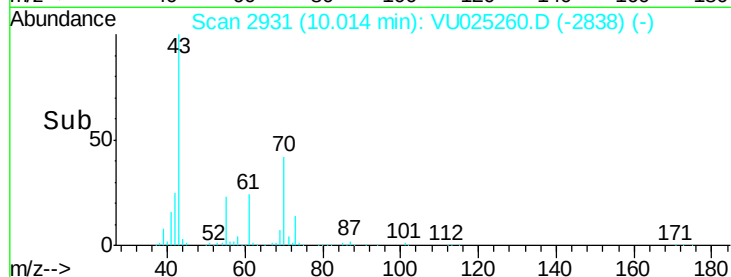


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#75

1,1,2,2-Tetrachloroethane

Concen: 52.624 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

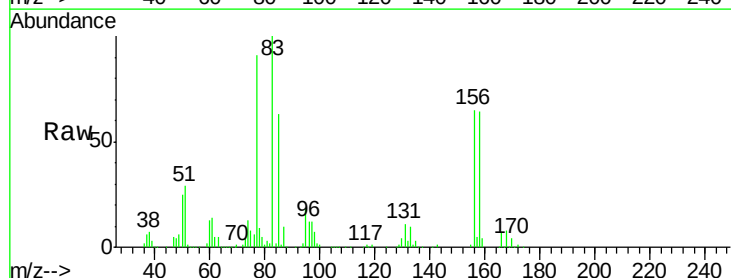
Tgt Ion: 83 Resp: 195360

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

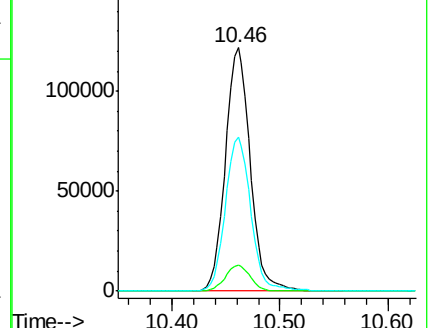
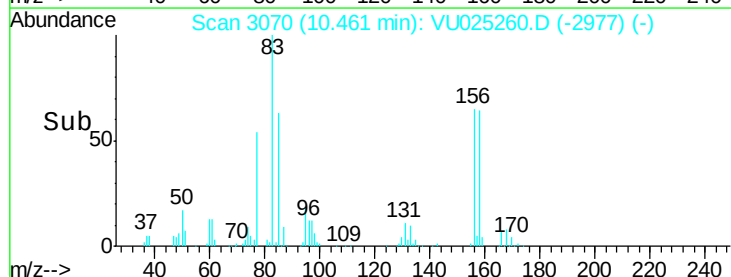
85 64.8 32.5 97.5

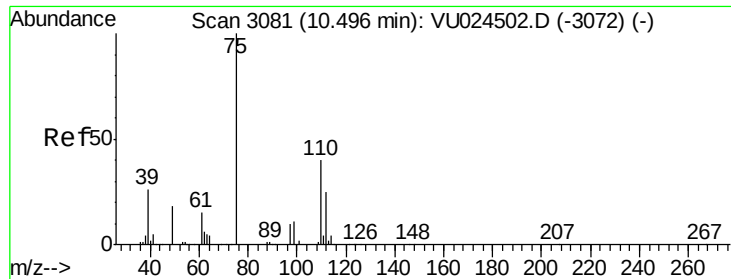


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0





#76

1,2,3-Trichloropropane

Concen: 70.538 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

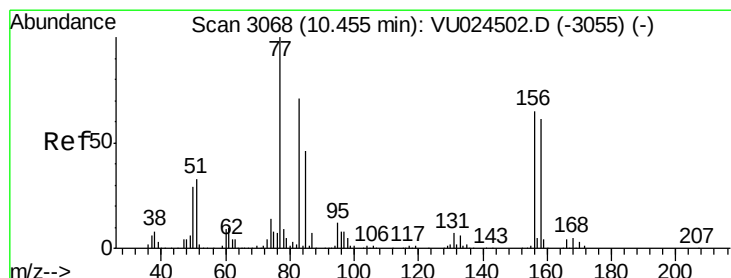
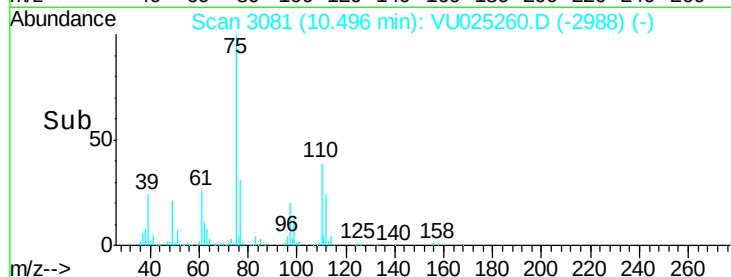
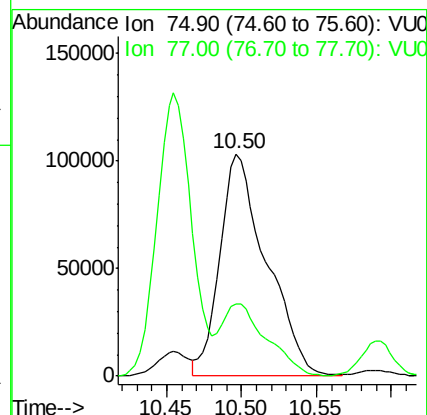
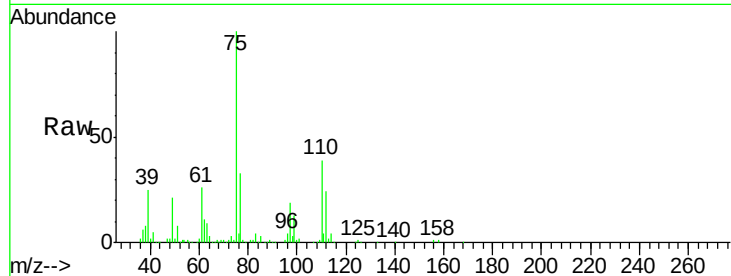
ClientSampleId :

Tot Ion: 75 Resp: 224088

Ion Ratio Lower Upper

75 100

77 31.9 20.9 62.7



#77

Bromobenzene

Concen: 51.064 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

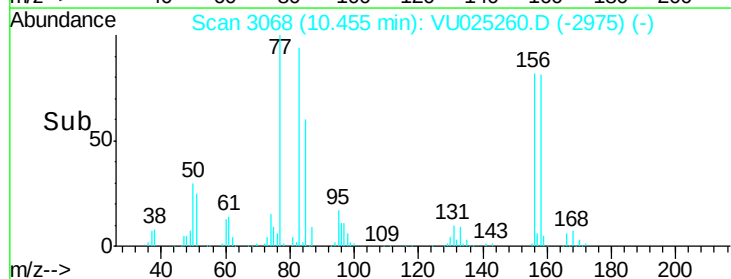
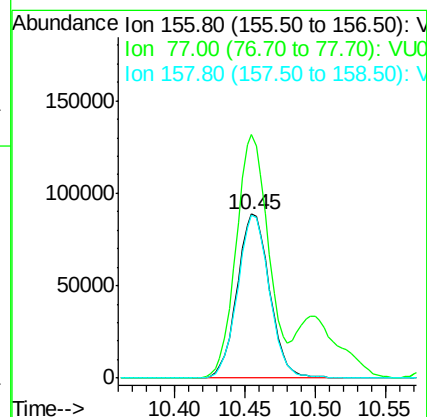
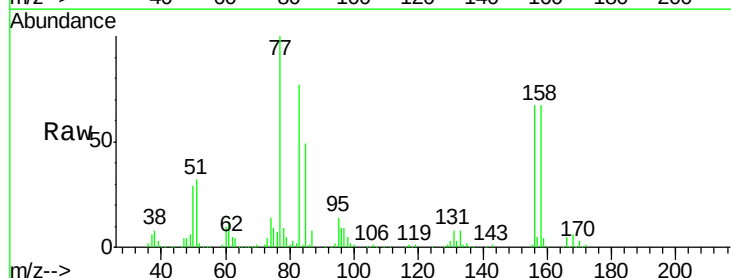
Tgt Ion: 156 Resp: 143217

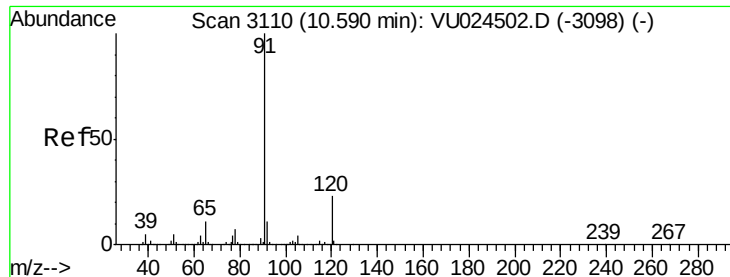
Ion Ratio Lower Upper

156 100

77 148.0 80.5 241.3

158 98.0 48.2 144.6





#78

n-propylbenzene

Concen: 47.334 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

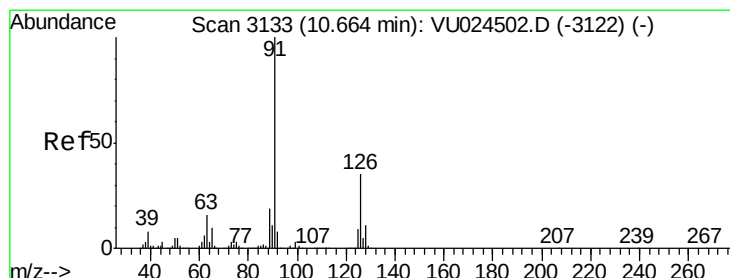
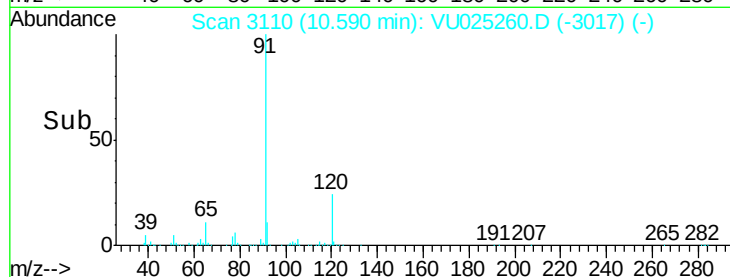
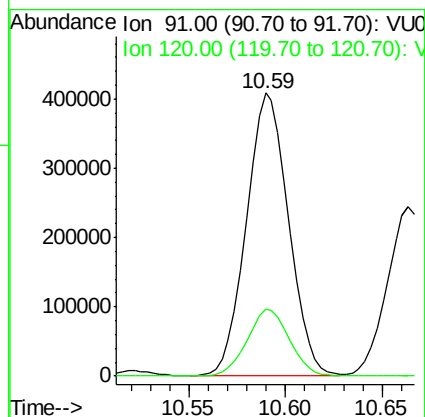
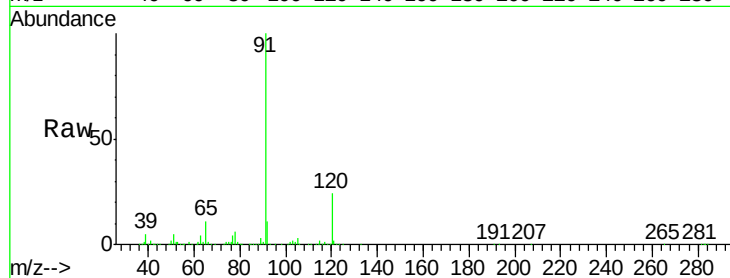
ClientSampleId :

Tot Ion: 91 Resp: 617716

Ion Ratio Lower Upper

91 100

120 23.7 11.2 33.5



#79

2-Chlorotoluene

Concen: 49.258 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025260.D

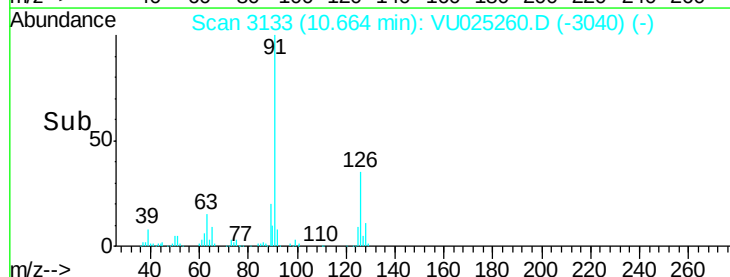
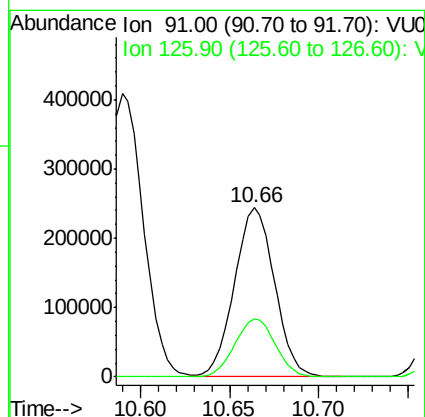
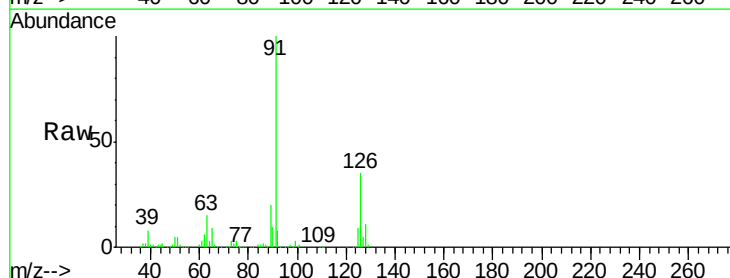
Acq: 06 Jul 2018 23:20

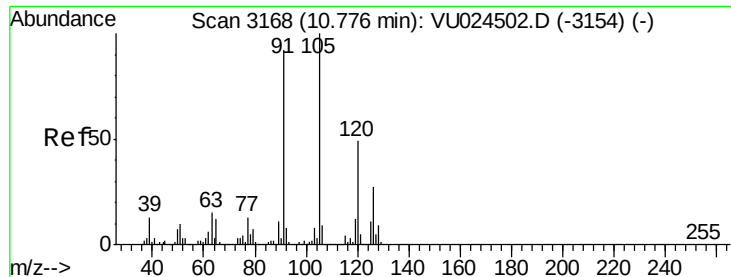
Tgt Ion: 91 Resp: 379089

Ion Ratio Lower Upper

91 100

126 35.3 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 49.479 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

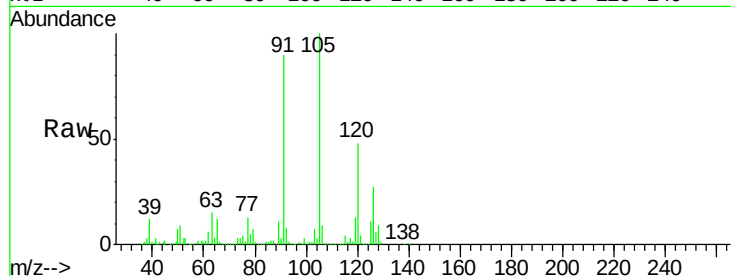
ClientSampleId :

Tot Ion:105 Resp: 475101

Ion Ratio Lower Upper

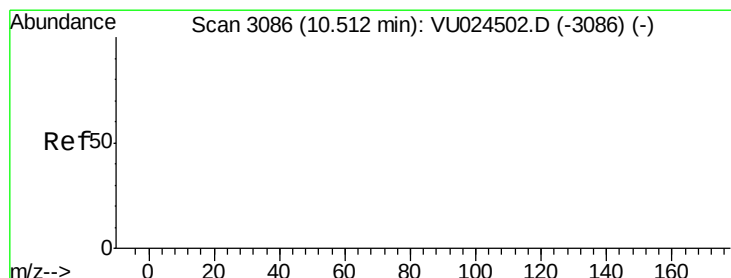
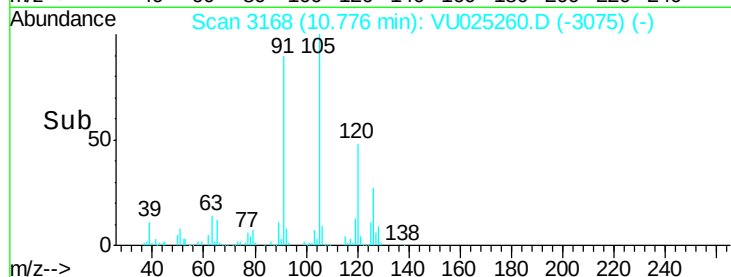
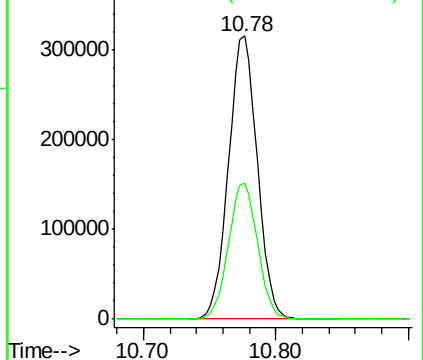
105 100

120 48.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 163.254 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

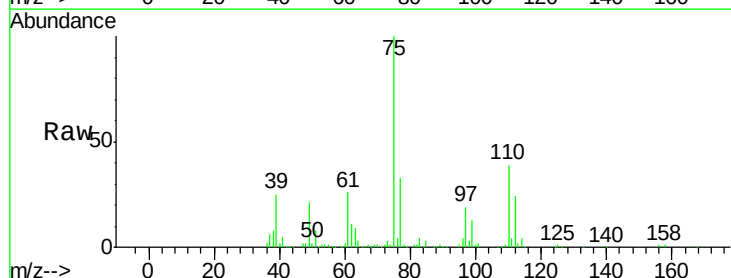
Tgt Ion: 75 Resp: 224088

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

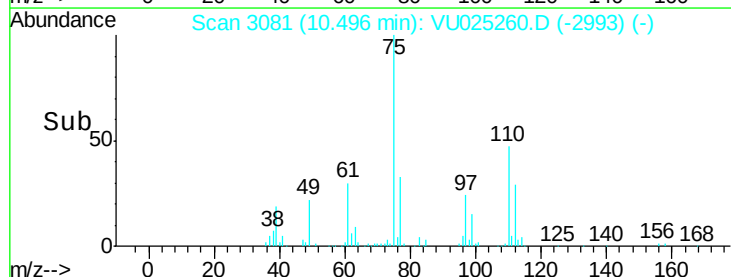
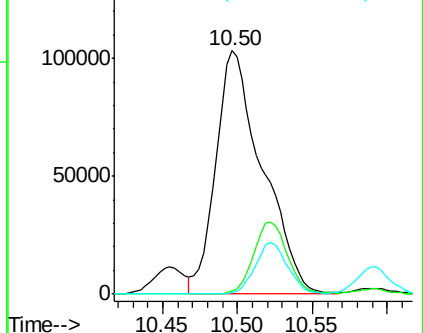
89 0.0 0.0 0.0

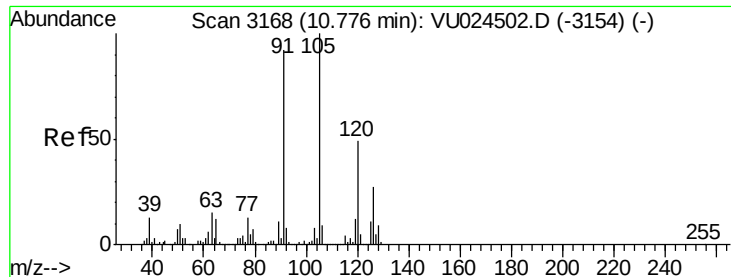


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#82

4-Chlorotoluene

Concen: 48.274 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

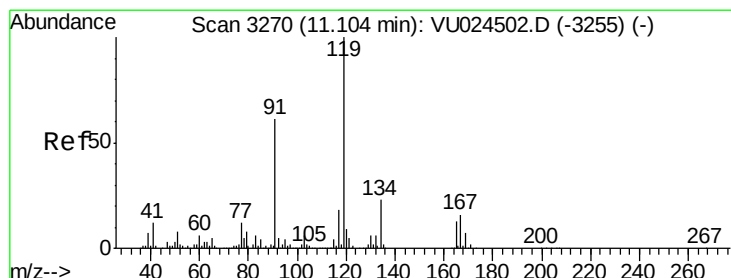
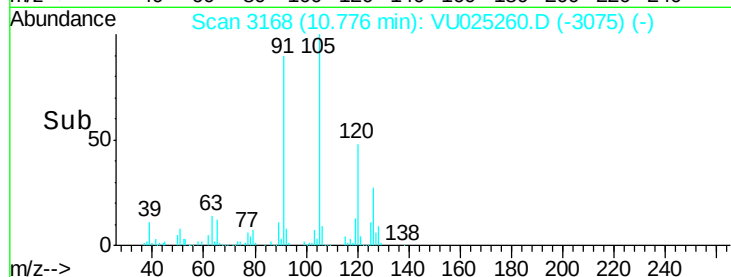
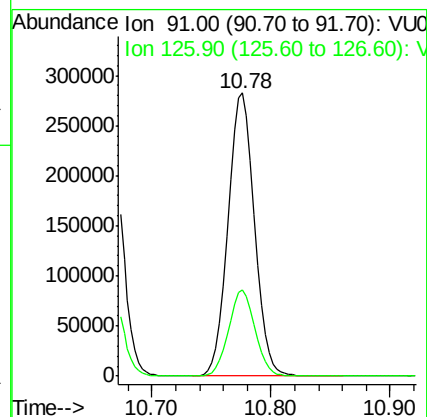
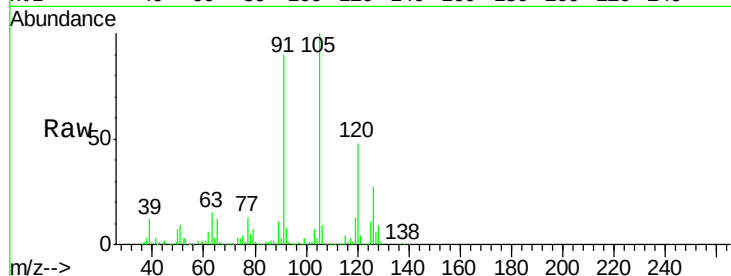
ClientSampleId :

Tot Ion: 91 Resp: 432409

Ion Ratio Lower Upper

91 100

126 30.6 14.9 44.9



#83

tert-Butylbenzene

Concen: 53.217 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

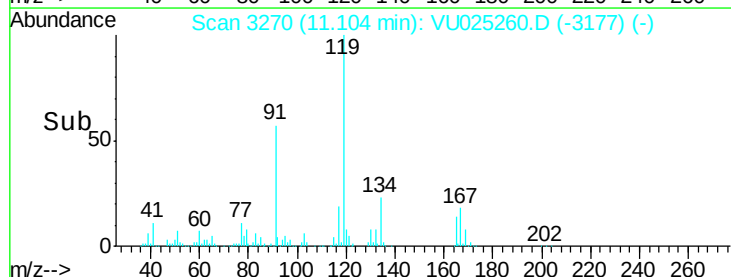
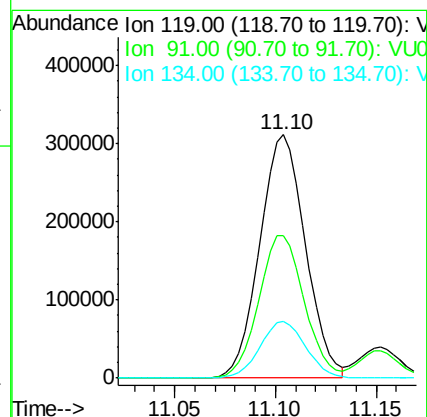
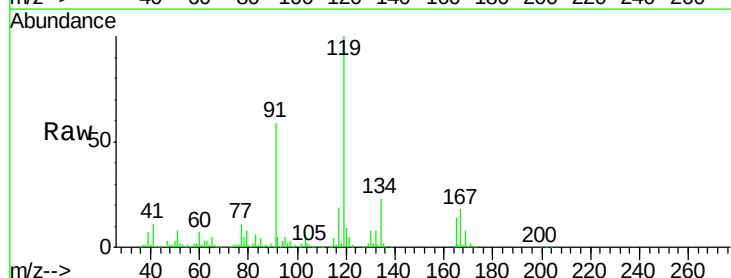
Tgt Ion: 119 Resp: 491542

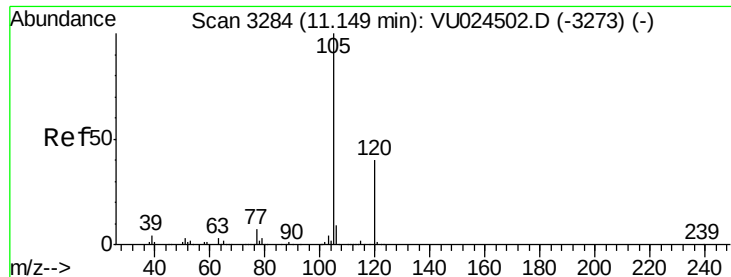
Ion Ratio Lower Upper

119 100

91 58.6 29.7 89.1

134 23.1 11.6 34.7

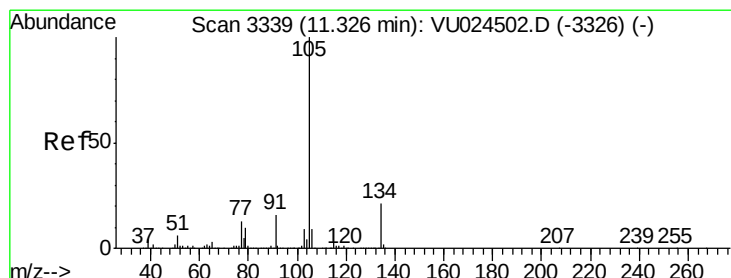
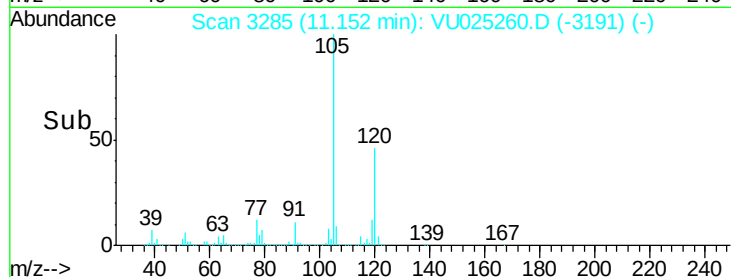
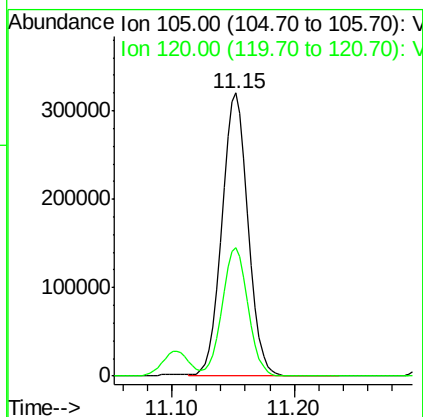
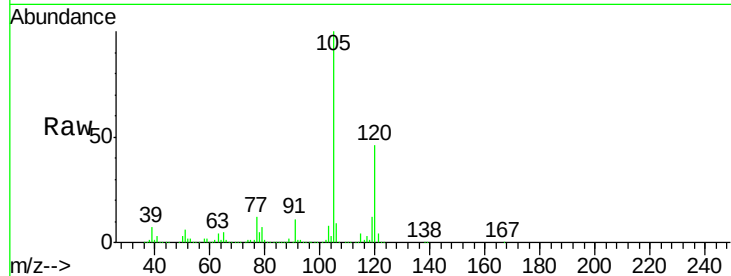




#84
 1,2,4-Trimethylbenzene
 Concen: 49.129 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

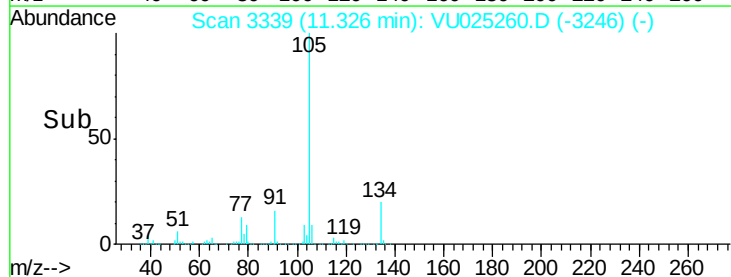
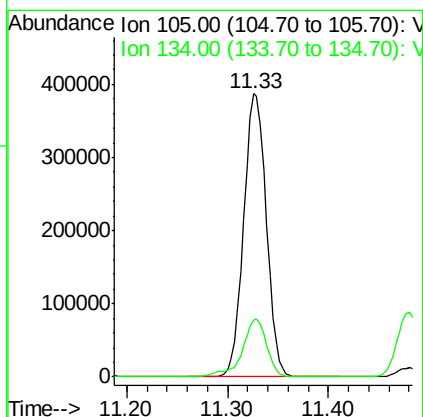
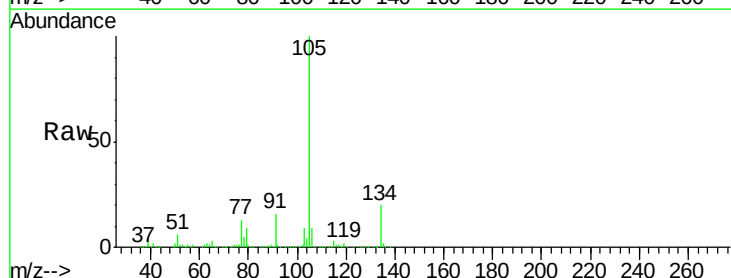
Instrument :
 MSVOA_U
 ClientSampleId :

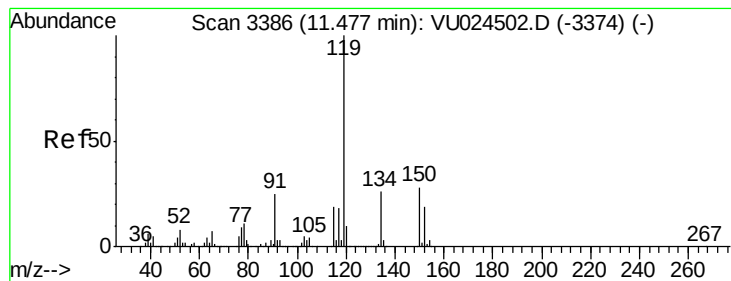
Tot Ion:105 Resp: 480751
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 51.659 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion:105 Resp: 597270
 Ion Ratio Lower Upper
 105 100
 134 22.2 9.7 29.1





#86

p-Isopropyltoluene

Concen: 47.618 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampled :

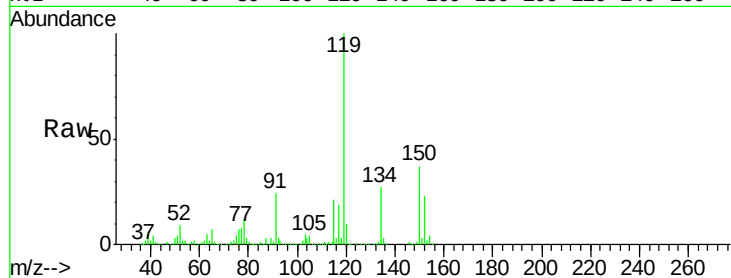
Tot Ion:119 Resp: 493075

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.6

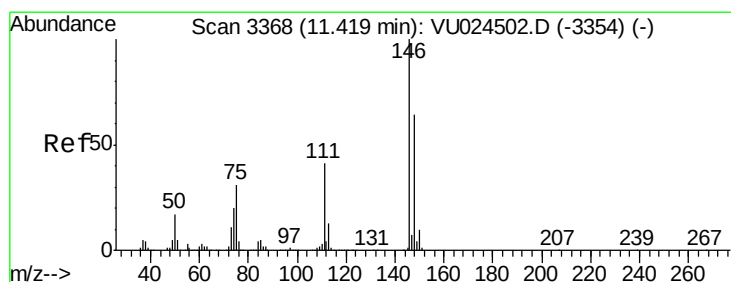
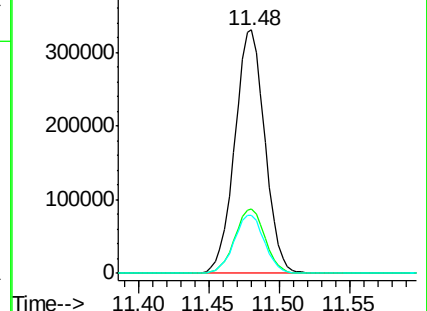
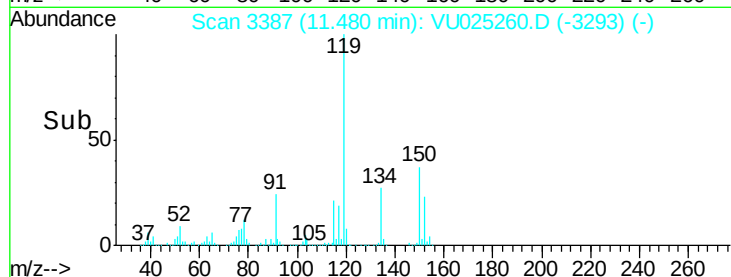
91 24.0 12.0 36.1



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): V



#87

1,3-Dichlorobenzene

Concen: 50.297 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

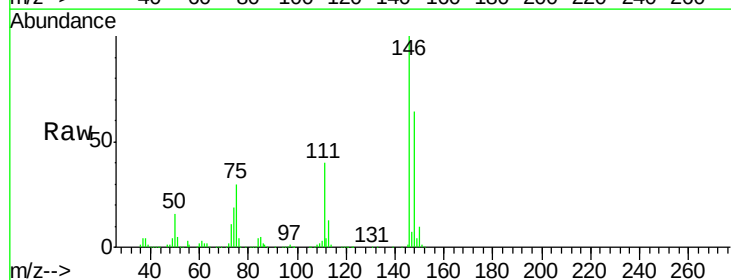
Tgt Ion:146 Resp: 260619

Ion Ratio Lower Upper

146 100

111 40.2 20.0 60.0

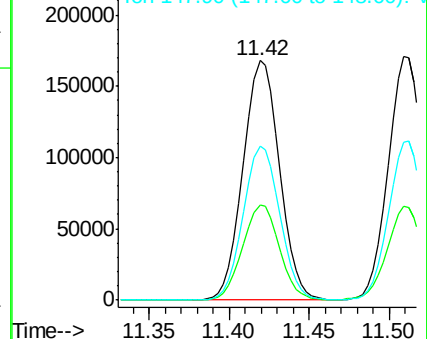
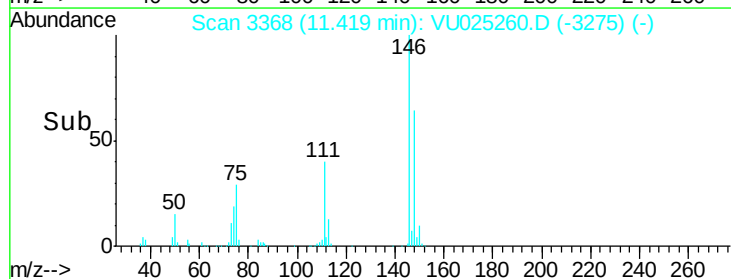
148 64.6 32.1 96.5

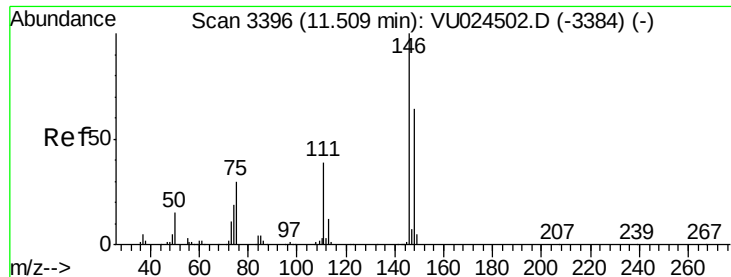


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 50.935 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

Lab File: VU025260.D

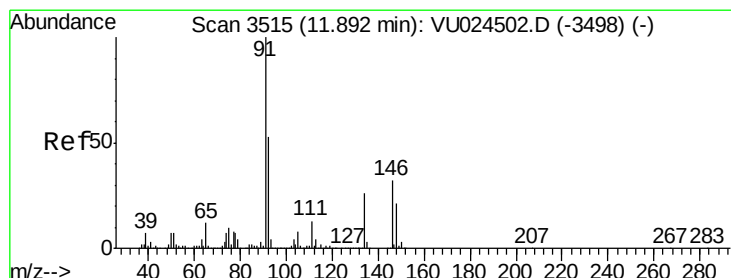
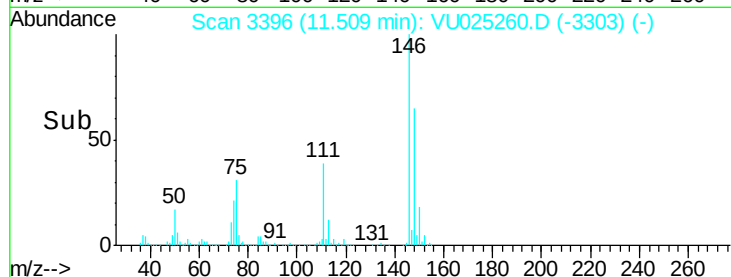
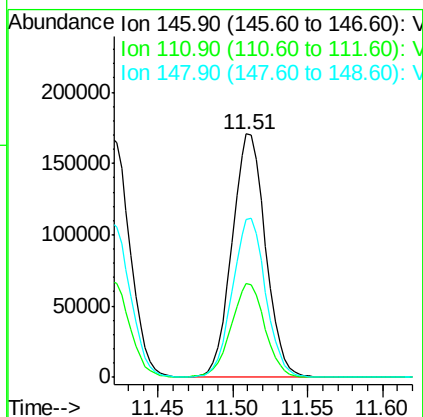
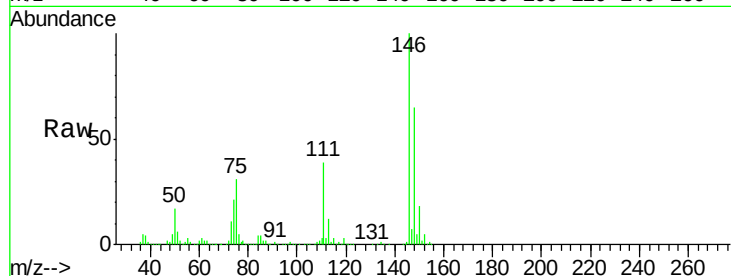
Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:	146	Resp:	265641
Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	65.2	32.4	97.0



#89

n-Butylbenzene

Concen: 42.789 ug/l

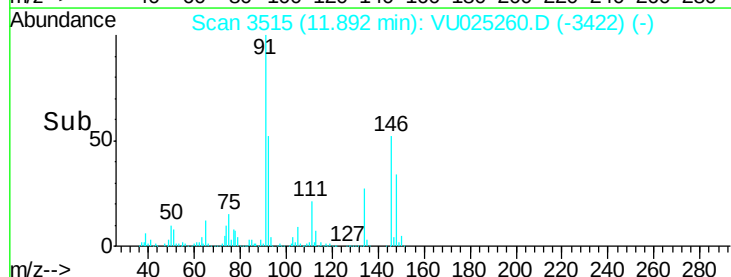
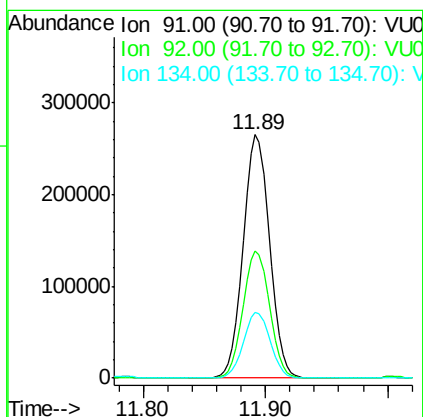
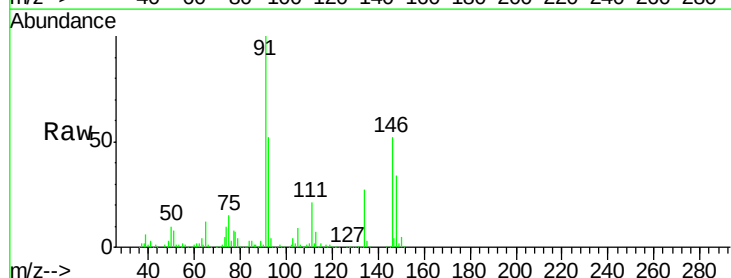
RT: 11.89 min Scan# 3515

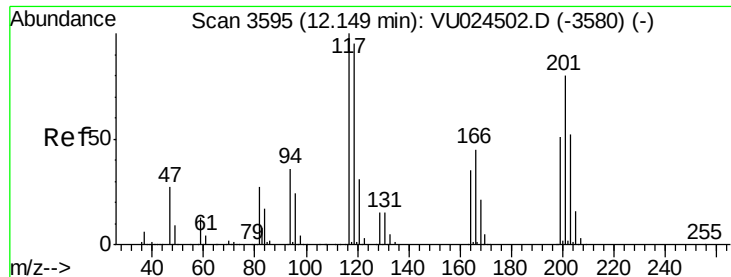
Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tgt Ion:	91	Resp:	393368
Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.6	76.8
134	27.6	12.3	36.8





#90

Hexachloroethane

Concen: 43.034 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

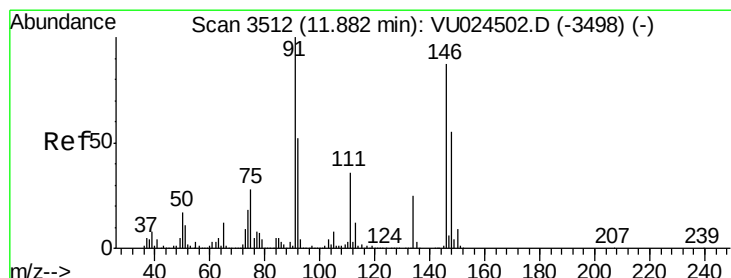
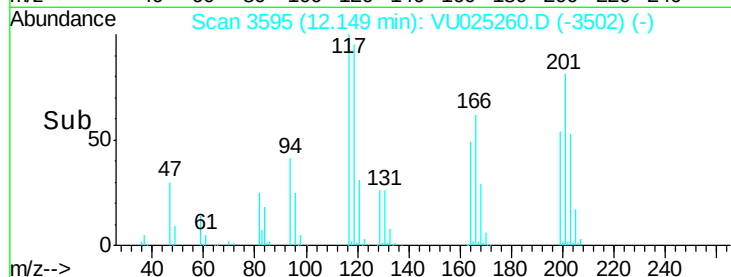
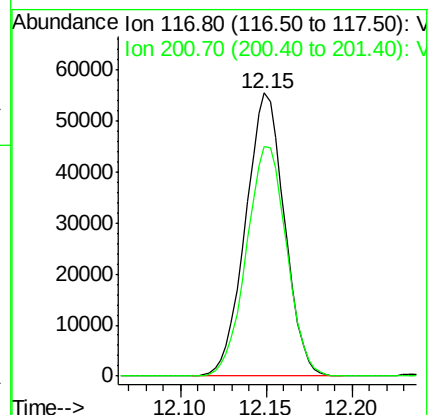
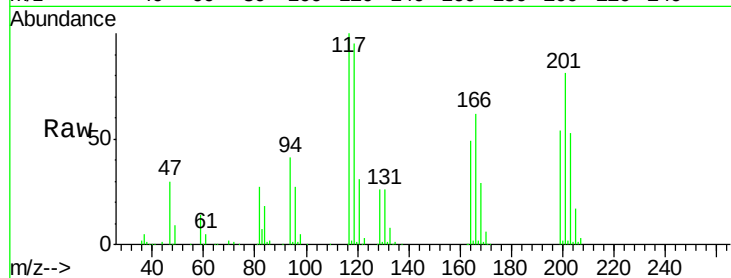
ClientSampled :

Tot Ion:117 Resp: 86928

Ion Ratio Lower Upper

117 100

201 83.8 41.1 123.3



#91

1,2-Dichlorobenzene

Concen: 62.778 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

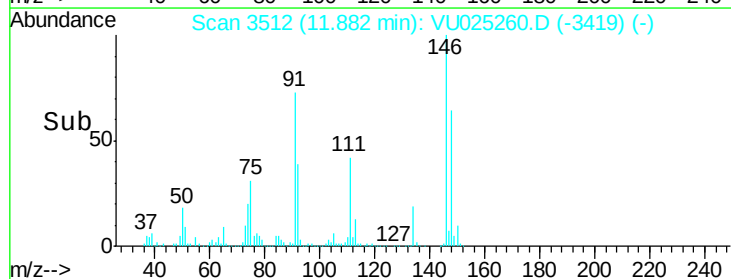
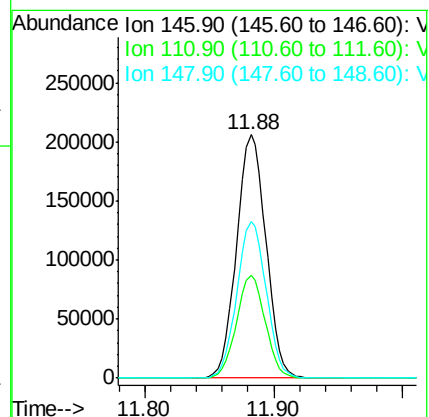
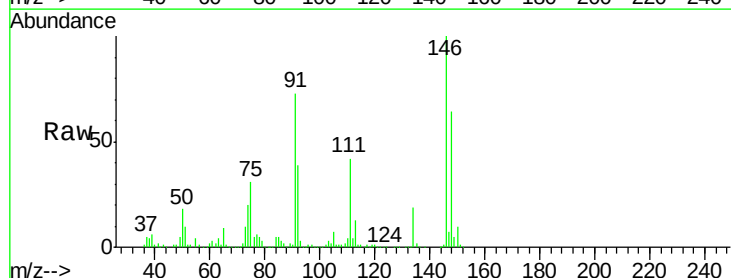
Tgt Ion:146 Resp: 325820

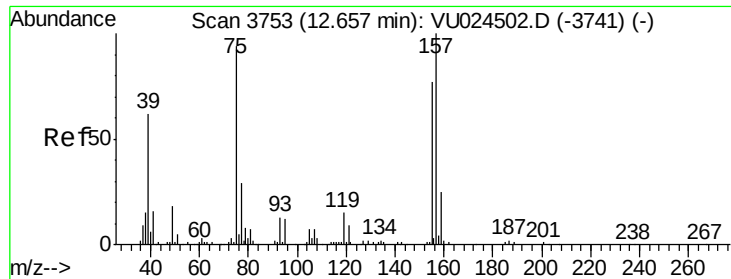
Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.6

148 64.3 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.713 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

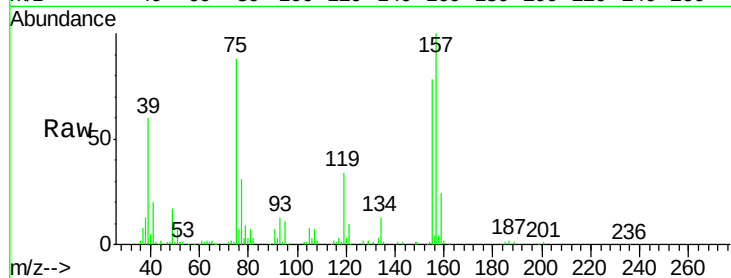
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 49900

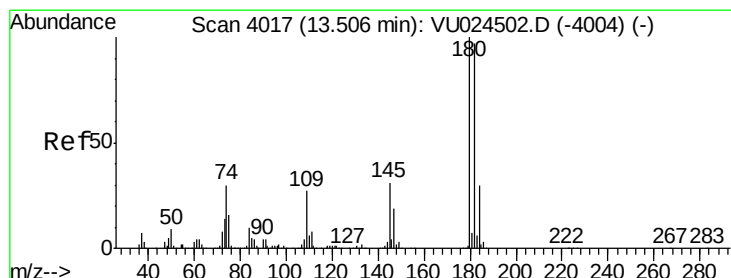
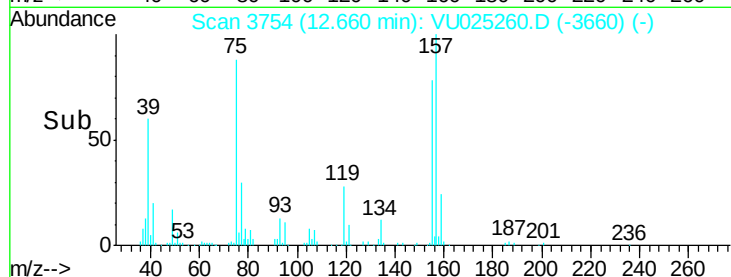
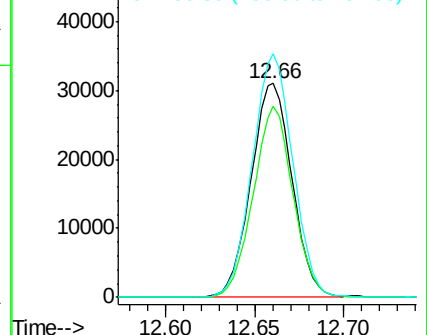
Ion	Ratio	Lower	Upper
75	100		
155	86.3	40.4	121.2
157	112.6	52.3	156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 50.011 ug/l

RT: 13.51 min Scan# 4017

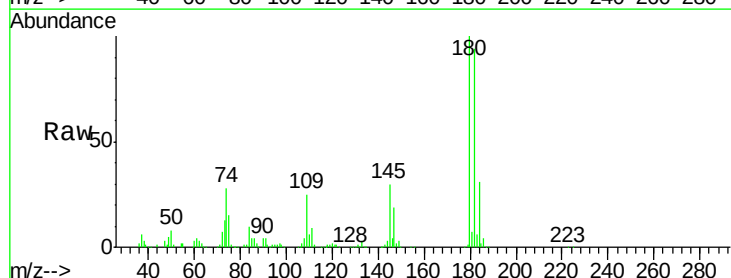
Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tgt Ion: 180 Resp: 160283

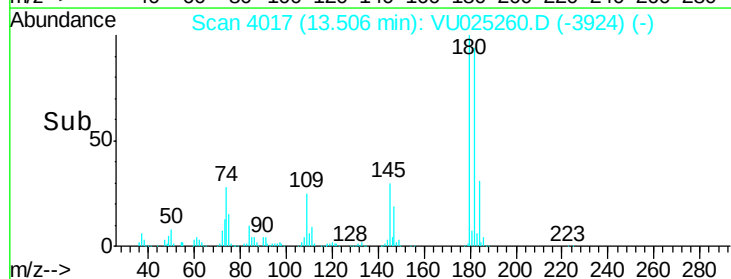
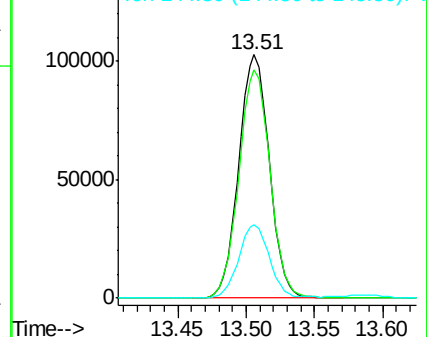
Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.2
145	30.5	14.7	44.1

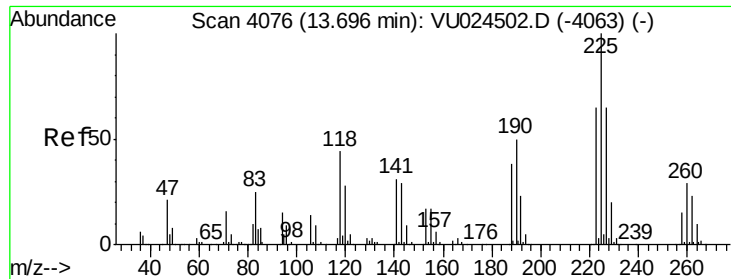


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 49.152 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VU025260.D

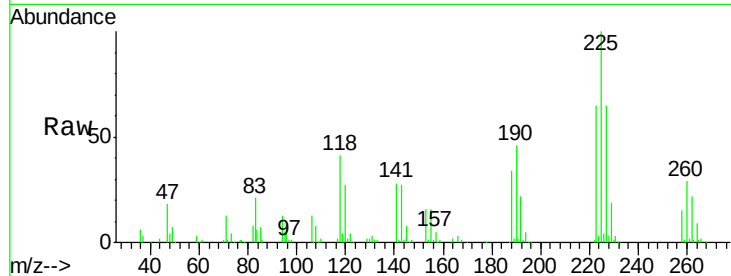
Acq: 06 Jul 2018 23:20

Instrument :

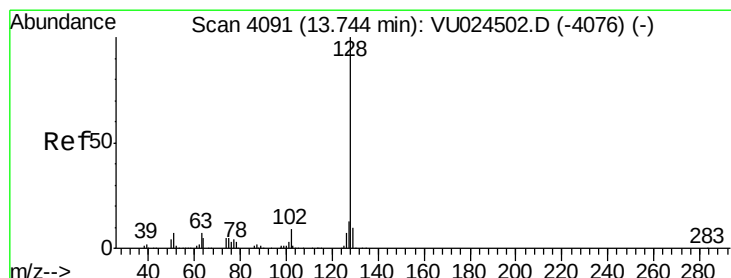
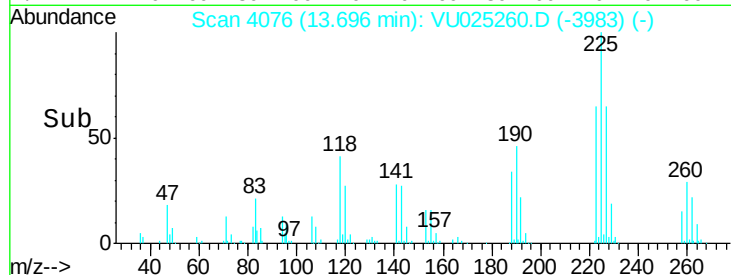
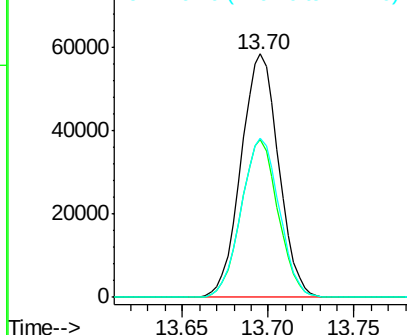
MSVOA_U

ClientSampleId :

Tot Ion:	225	Resp:	88666
Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.3	93.8
227	65.9	31.8	95.4



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.860 ug/l

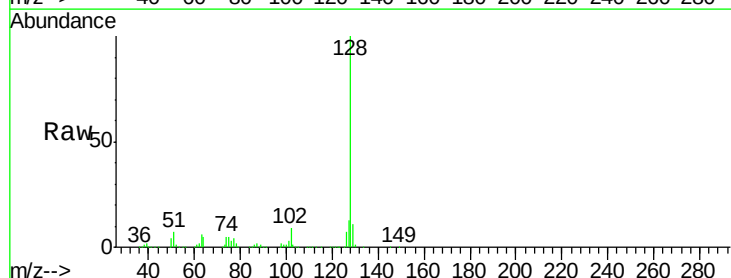
RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

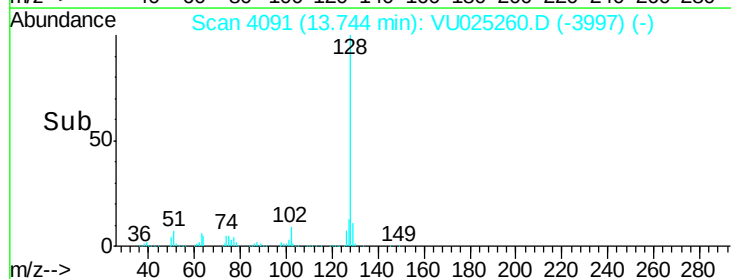
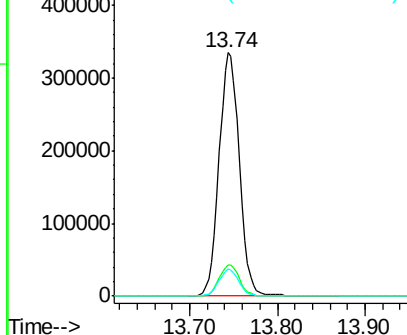
Lab File: VU025260.D

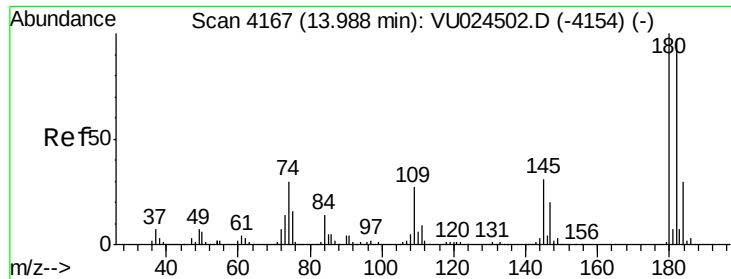
Acq: 06 Jul 2018 23:20

Tgt Ion:	128	Resp:	539756
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	11.0	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

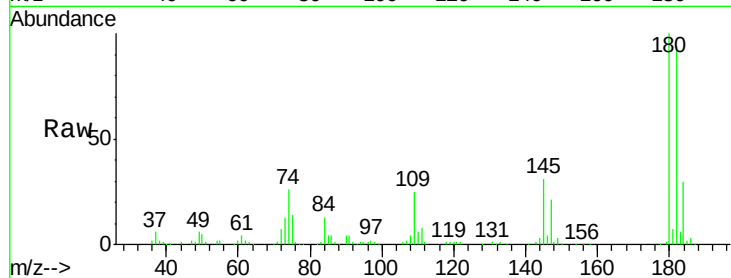




#96
 1,2,3-Trichlorobenzene
 Concen: 54.250 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.7
145	32.1	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

