

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024554.D
 Acq On : 14 Jun 2018 20:45
 Operator : MD/SY
 Sample : J3443-06MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 01:44:18 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	166563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269002	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	257611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155640	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	129015	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	4.89	113	110053	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	7.57	98	406576	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	10.31	95	160549	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	90794	43.550	ug/l	98
3) Chloromethane	1.33	50	100396	47.135	ug/l	100
4) Vinyl Chloride	1.40	62	109928	50.044	ug/l	99
5) Bromomethane	1.63	94	61481	57.898	ug/l	98
6) Chloroethane	1.70	64	67127	54.789	ug/l	99
7) Trichlorofluoromethane	1.89	101	162171	48.377	ug/l	98
8) Diethyl Ether	2.10	74	61976	54.495	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	92928	44.683	ug/l	98
10) Methyl Iodide	2.41	142	80420	46.148	ug/l	98
11) Tert butyl alcohol	2.82	59	138716	209.754	ug/l	98
12) 1,1-Dichloroethene	2.29	96	88583	46.707	ug/l	91
13) Acrolein	2.19	56	77264	222.483	ug/l	97
14) Allyl chloride	2.60	41	156248	44.371	ug/l	94
15) Acrylonitrile	2.94	53	324341	252.074	ug/l	98
16) Acetone	2.32	43	265716	181.871	ug/l	96
17) Carbon Disulfide	2.48	76	280655	46.215	ug/l	99
18) Methyl Acetate	2.62	43	147495	47.091	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	337718	47.371	ug/l	97
20) Methylene Chloride	2.71	84	105158	45.872	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	100998	48.351	ug/l	94
22) Diisopropyl ether	3.57	45	336895	48.261	ug/l	95
23) Vinyl Acetate	3.53	43	1495306	239.125	ug/l	98
24) 1,1-Dichloroethane	3.45	63	191714	47.740	ug/l	99
25) 2-Butanone	4.26	43	458568	233.669	ug/l	98
26) 2,2-Dichloropropane	4.23	77	151522	39.736	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	116609	48.557	ug/l	95
28) Bromochloromethane	4.55	49	93355	52.778	ug/l	86
29) Tetrahydrofuran	4.64	42	300649	247.388	ug/l	97
30) Chloroform	4.68	83	197408	48.567	ug/l	99
31) Cyclohexane	5.00	56	174188	48.797	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	172890	45.998	ug/l	96
36) 1,1-Dichloropropene	5.14	75	144494	45.712	ug/l	97
37) Ethyl Acetate	4.38	43	167046	48.486	ug/l	96
38) Carbon Tetrachloride	5.14	117	160866	46.279	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	175608	44.518	ug/l	96
40) Benzene	5.39	78	429974	47.737	ug/l	100
41) Methacrylonitrile	4.54	41	95472	51.397	ug/l	99
42) 1,2-Dichloroethane	5.41	62	155494	45.327	ug/l	98
43) Isopropyl Acetate	5.55	43	279524	46.937	ug/l	98
44) Trichloroethene	6.19	130	119314	46.545	ug/l	95
45) 1,2-Dichloropropane	6.44	63	116480	48.467	ug/l	100
46) Dibromomethane	6.56	93	82600	48.931	ug/l	95
47) Bromodichloromethane	6.76	83	159159	47.348	ug/l	99
48) Methyl methacrylate	6.63	41	138170	47.647	ug/l	98
49) 1,4-Dioxane	6.61	88	50034	882.273	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	921419	246.277	ug/l	99
52) Toluene	7.64	92	276549	47.723	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	177857	47.115	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	184856	45.956	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	112166	47.618	ug/l	99
56) Ethyl methacrylate	8.02	69	193028	48.960	ug/l	98
57) 1,3-Dichloropropane	8.25	76	189127	47.596	ug/l	98
59) 2-Hexanone	8.36	43	724988	237.351	ug/l	99
60) Dibromochloromethane	8.48	129	136935	46.619	ug/l	99
61) 1,2-Dibromoethane	8.59	107	125679	47.937	ug/l	98
64) Tetrachloroethene	8.23	164	99025	40.440	ug/l	98
65) Chlorobenzene	9.12	112	314898	47.849	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	116701	46.675	ug/l	98
67) Ethyl Benzene	9.25	91	542845	47.052	ug/l	98
68) m/p-Xylenes	9.38	106	415336	93.751	ug/l	98
69) o-Xylene	9.78	106	203223	46.351	ug/l	97
70) Stvrene	9.80	104	343866	47.725	ug/l	99
71) Bromoform	9.96	173	113346	47.695	ug/l #	98
73) Isopropylbenzene	10.17	105	545446	45.646	ug/l	98
74) N-amyl acetate	10.01	43	262281	46.146	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	194559	48.588	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	223789	65.309	ug/l	83
77) Bromobenzene	10.45	156	142146	46.988	ug/l	96
78) n-propylbenzene	10.59	91	649660	46.153	ug/l	98
79) 2-Chlorotoluene	10.66	91	383266	46.171	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	468737	45.258	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	223789	151.152	ug/l #	100
82) 4-Chlorotoluene	10.78	91	447511	46.319	ug/l	99
83) tert-Butylbenzene	11.10	119	465296	46.704	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	480456	45.520	ug/l	99
85) sec-Butylbenzene	11.33	105	572864	45.937	ug/l	97
86) p-Isopropyltoluene	11.48	119	503435	45.075	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	259784	46.481	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	261959	46.568	ug/l	100
89) n-Butylbenzene	11.89	91	463879	46.781	ug/l	97
90) Hexachloroethane	12.15	117	95553	43.856	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	259811	46.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51011	46.168	ug/l	91
93) 1,2,4-Trichlorobenzene	13.51	180	183084	52.961	ug/l	99

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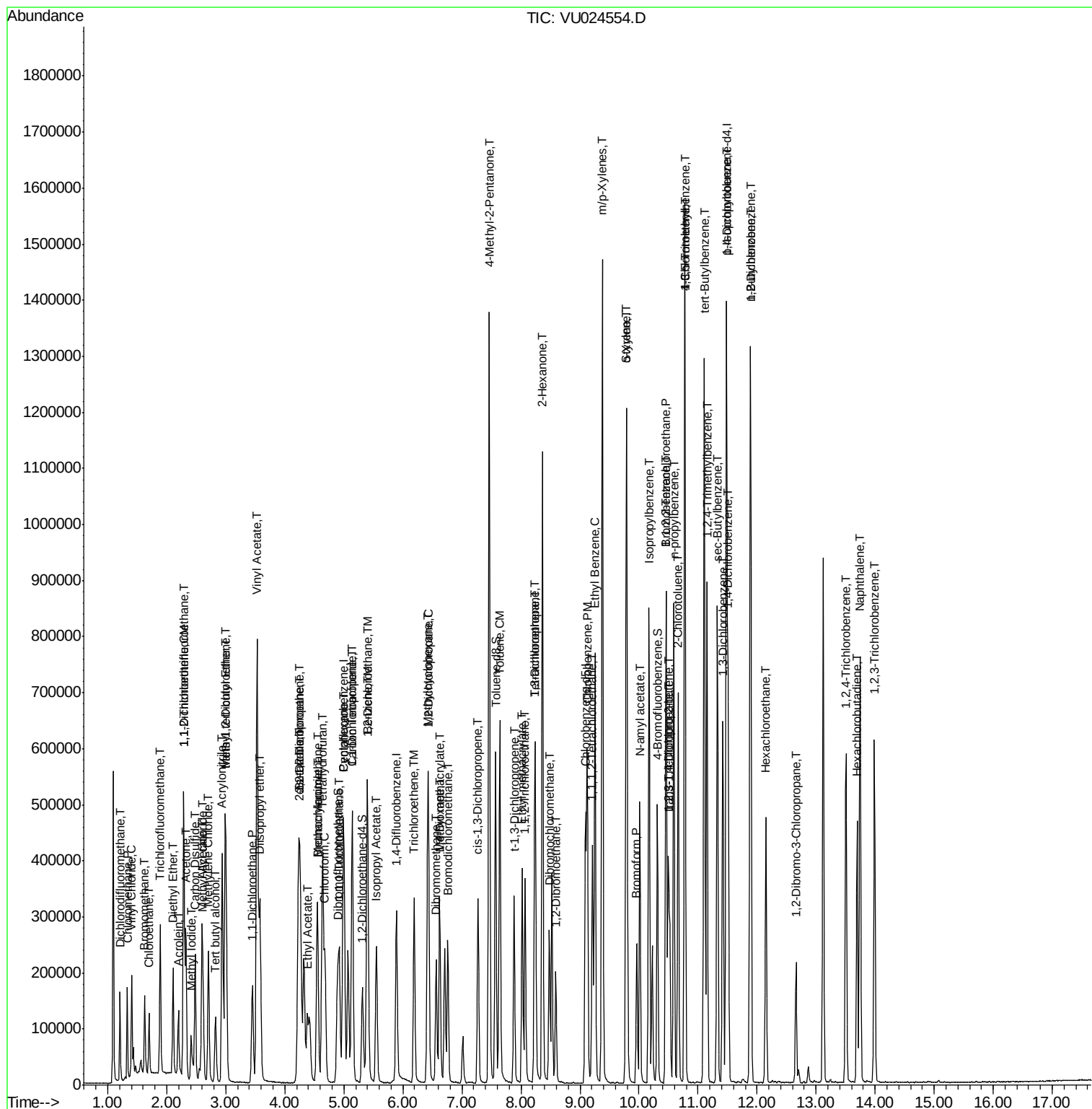
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	85092	43.732	ug/l	100
95) Naphthalene	13.74	128	587000	51.275	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	185898	53.968	ug/l	99

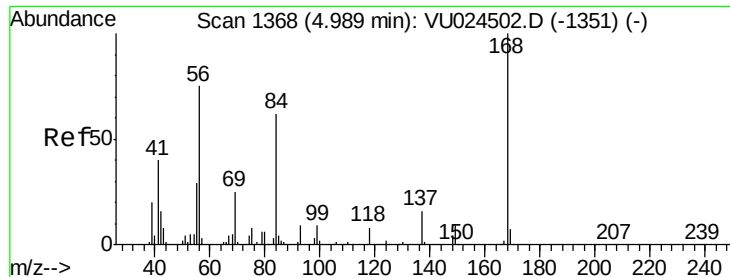
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 01:44:18 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

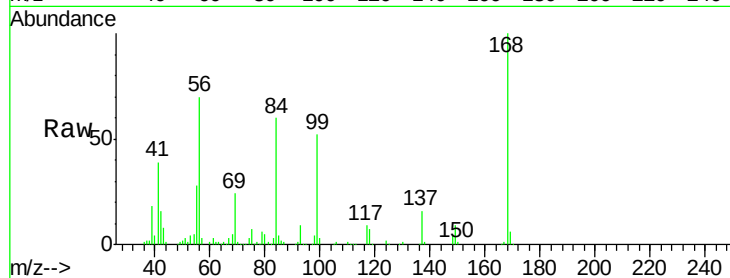
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 166563

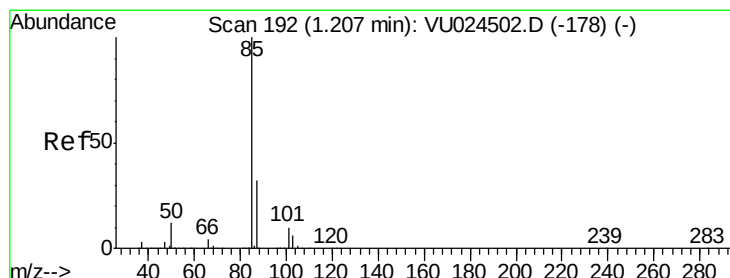
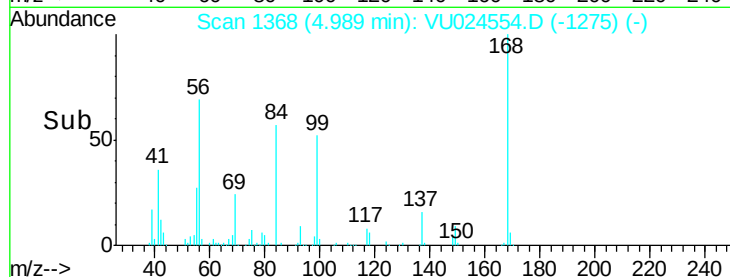
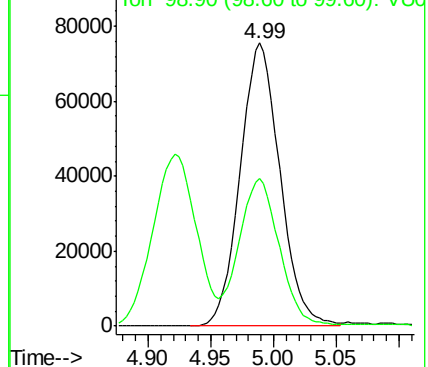
Ion Ratio Lower Upper

168 100

99 51.3 43.2 64.8



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



#2

Dichlorodifluoromethane

Concen: 43.550 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024554.D

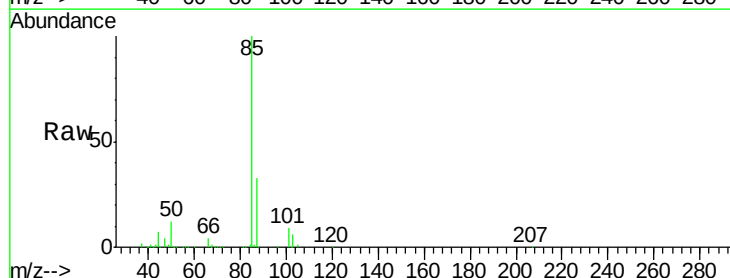
Acq: 14 Jun 2018 20:45

Tgt Ion: 85 Resp: 90794

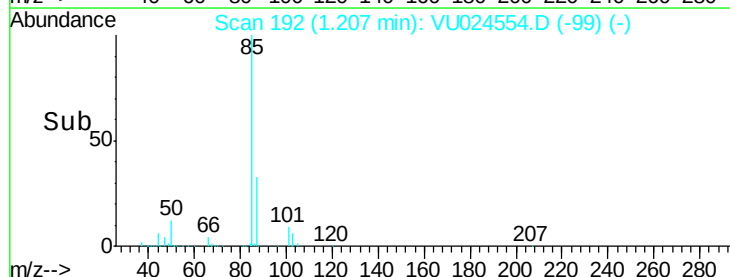
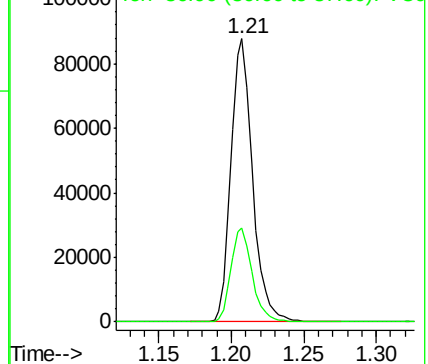
Ion Ratio Lower Upper

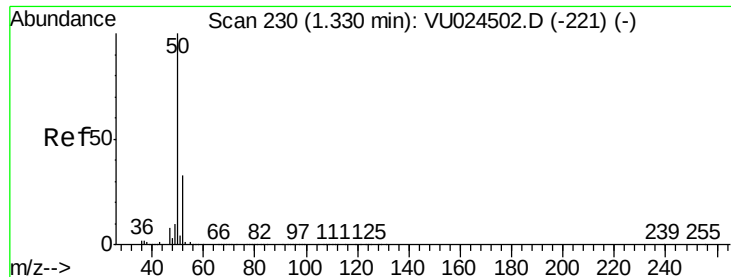
85 100

87 33.1 16.1 48.2



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





#3

Chloromethane

Concen: 47.135 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

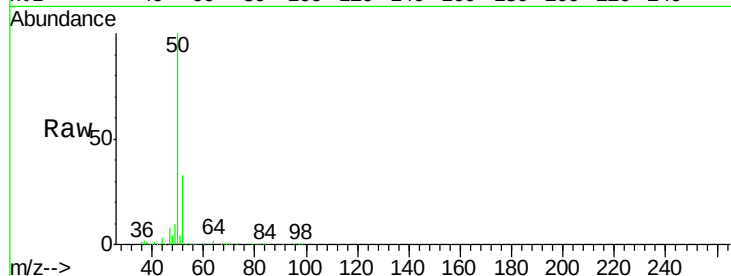
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 100396

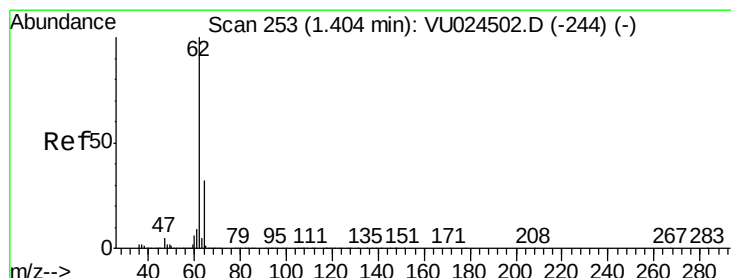
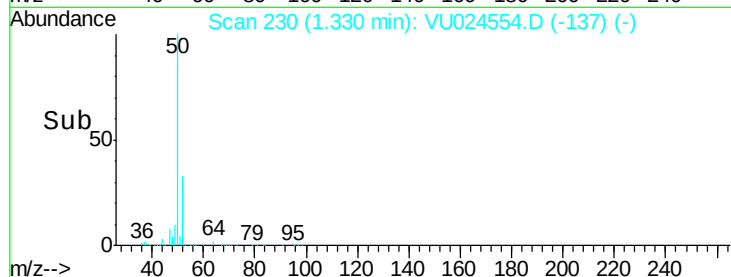
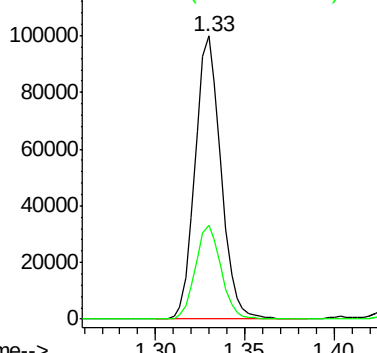
Ion Ratio Lower Upper

50 100

52 33.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0
Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 50.044 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024554.D

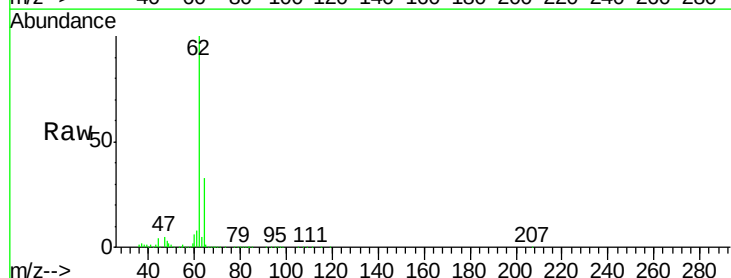
Acq: 14 Jun 2018 20:45

Tgt Ion: 62 Resp: 109928

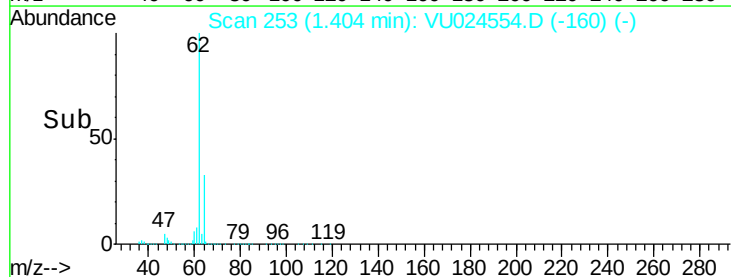
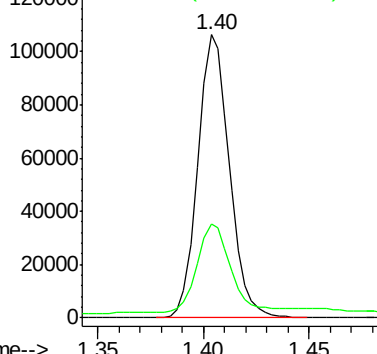
Ion Ratio Lower Upper

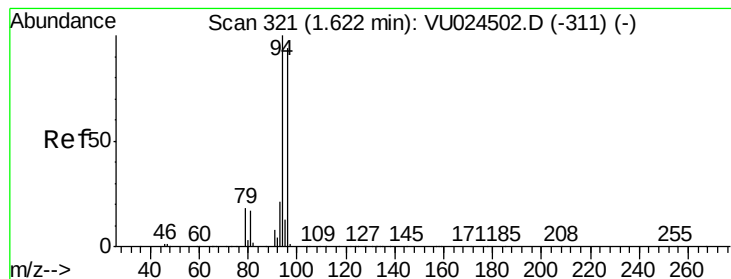
62 100

64 31.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 57.898 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

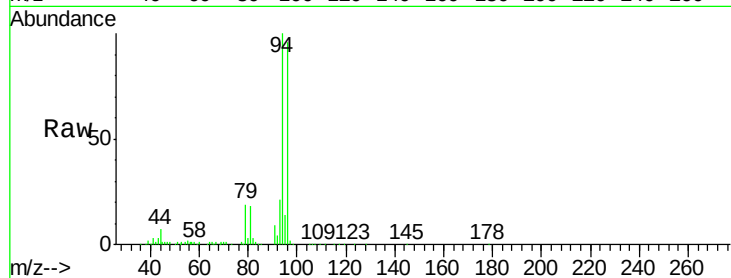
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 94 Resp: 61481

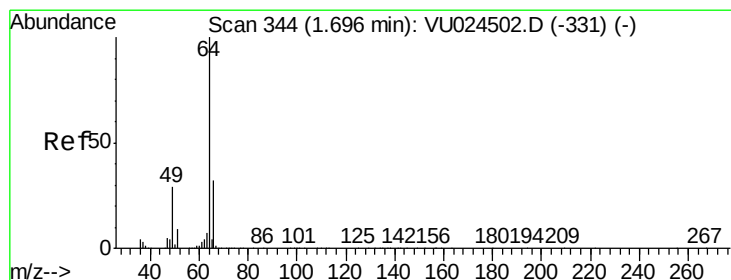
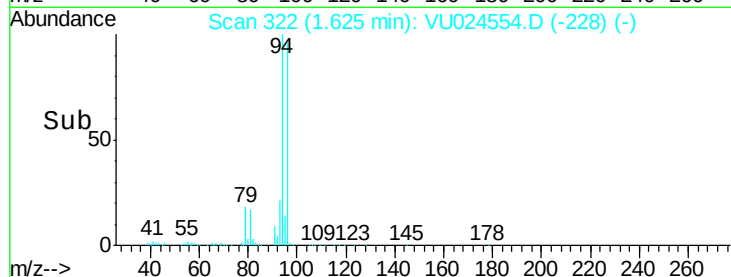
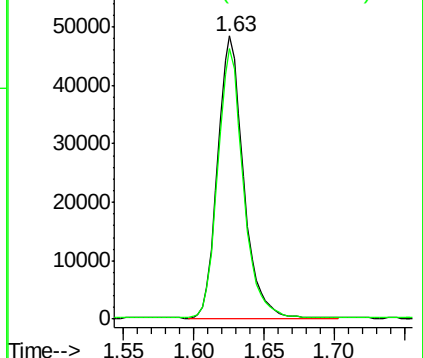
Ion Ratio Lower Upper

94 100

96 95.3 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: 54.789 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024554.D

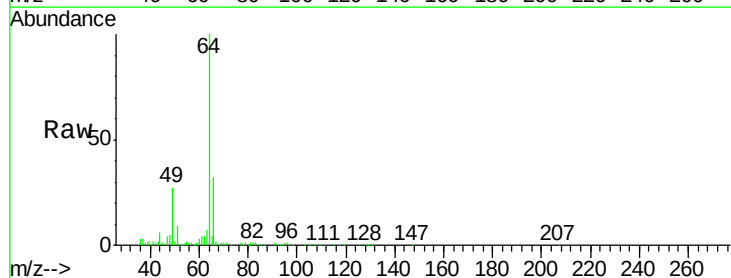
Acq: 14 Jun 2018 20:45

Tgt Ion: 64 Resp: 67127

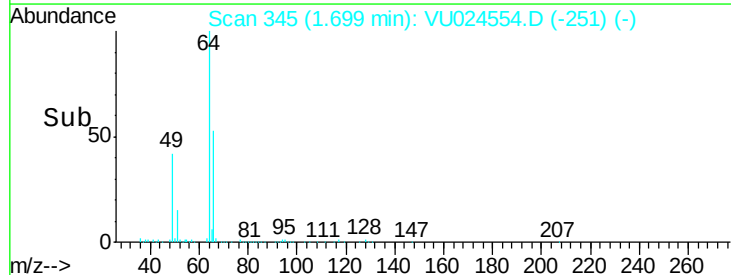
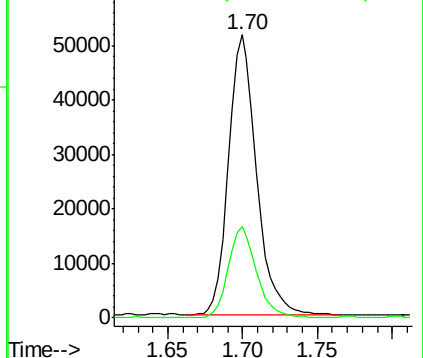
Ion Ratio Lower Upper

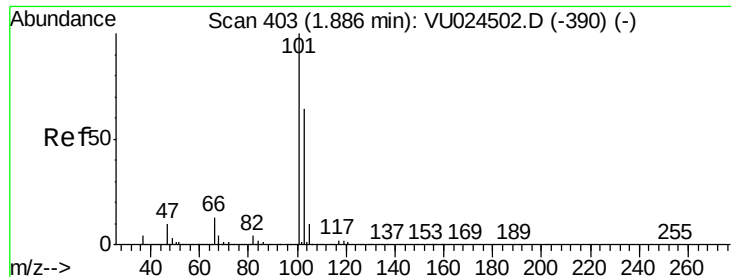
64 100

66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0
Ion 65.90 (65.60 to 66.60): VU0



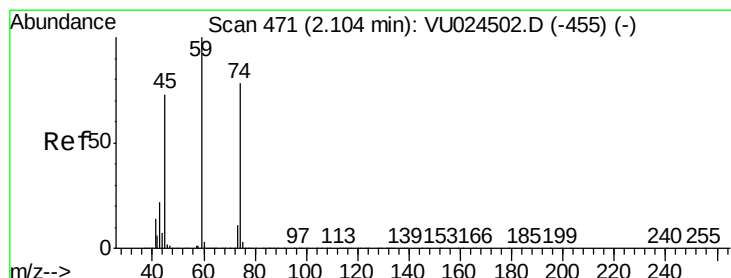
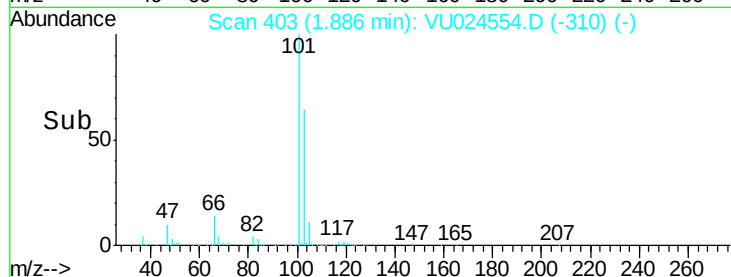
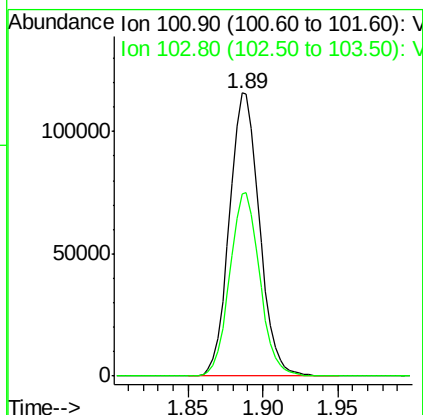
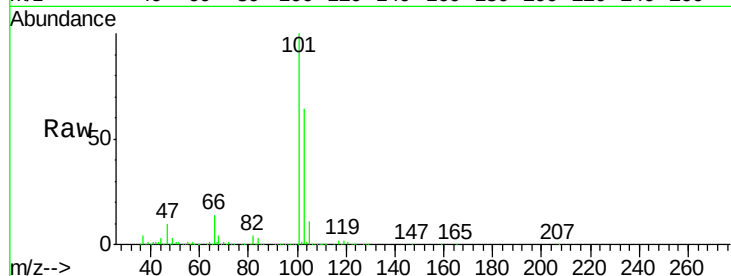


#7

Trichlorofluoromethane
Concen: 48.377 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :

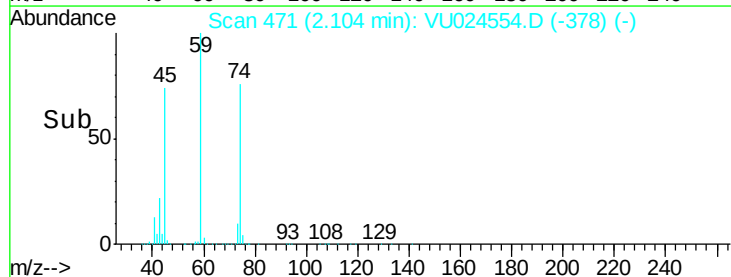
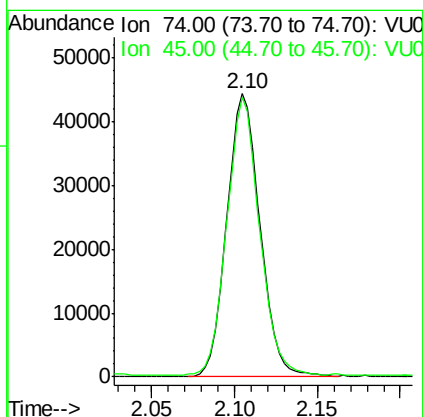
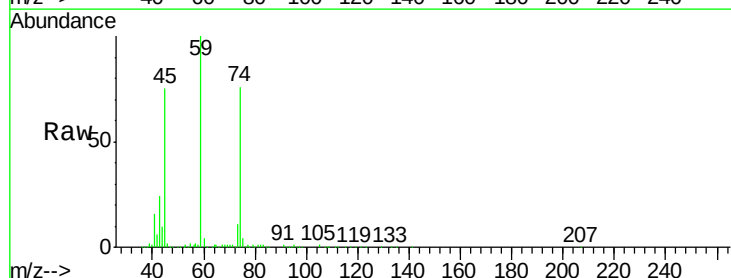
Tot Ion:101 Resp: 162171
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5

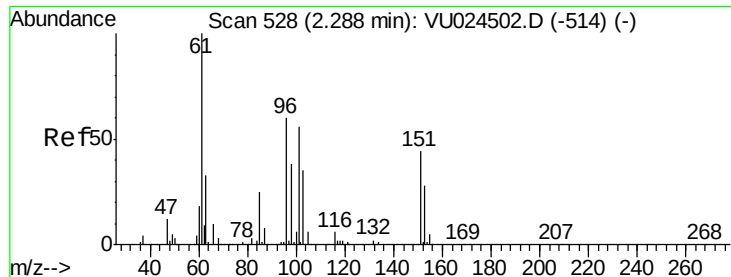


#8

Diethyl Ether
Concen: 54.495 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 74 Resp: 61976
Ion Ratio Lower Upper
74 100
45 96.2 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.683 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

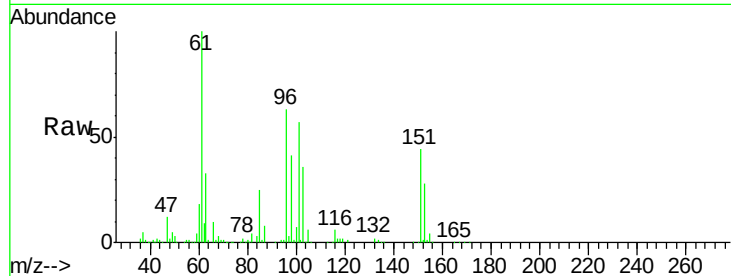
Tot Ion:101 Resp: 92928

Ion Ratio Lower Upper

101 100

85 43.5 36.0 54.0

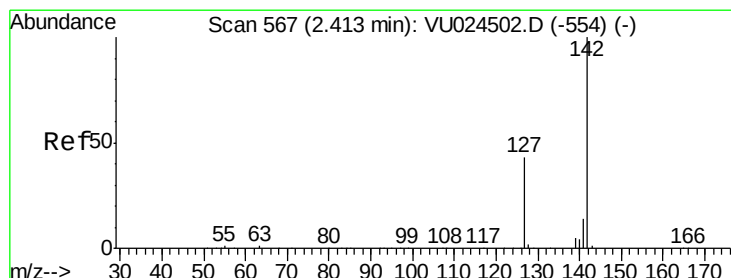
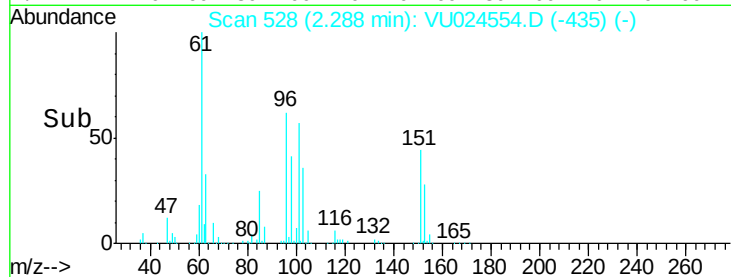
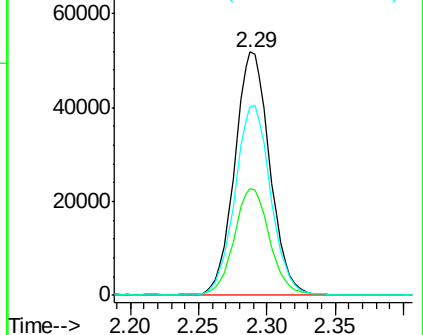
151 79.3 62.3 93.5



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: 46.148 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

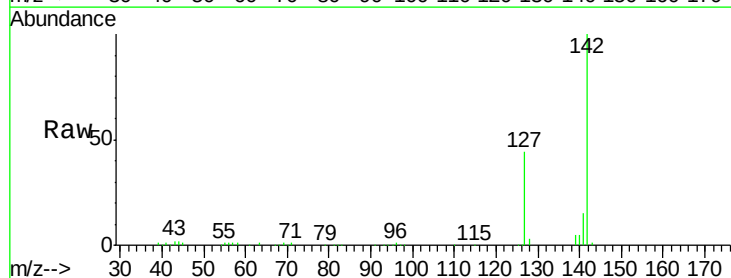
Tgt Ion:142 Resp: 80420

Ion Ratio Lower Upper

142 100

127 43.2 35.6 53.4

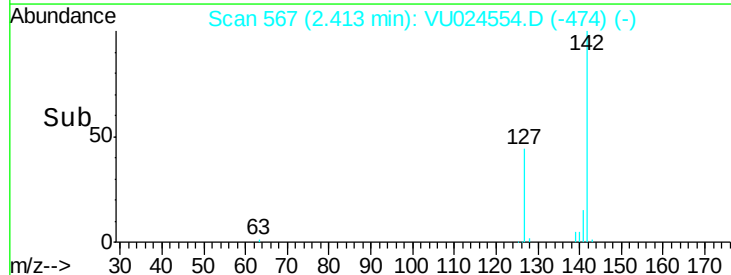
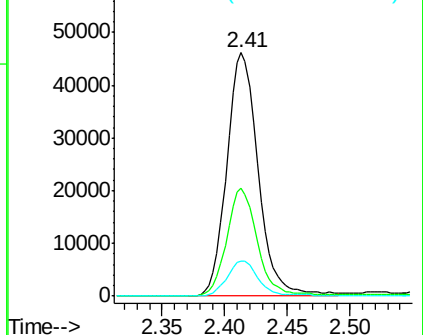
141 14.6 11.7 17.5

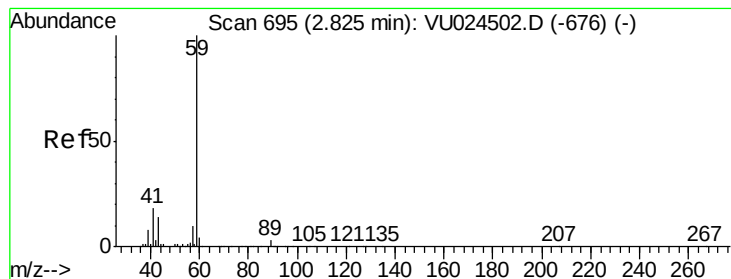


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



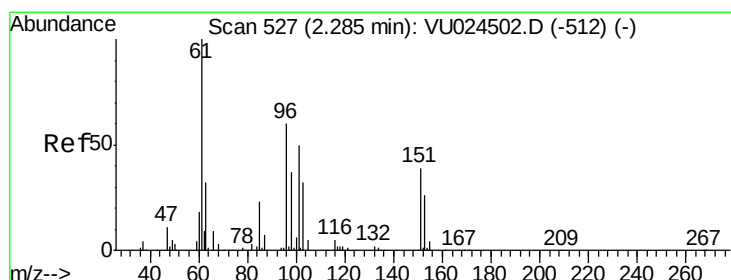
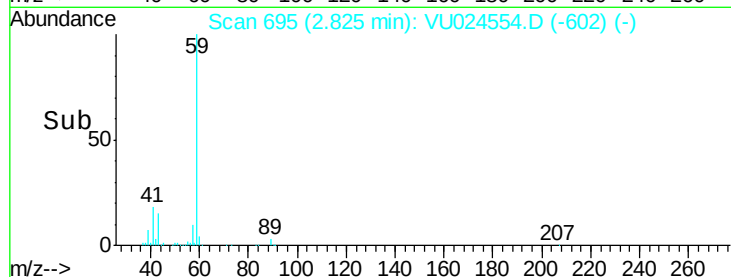
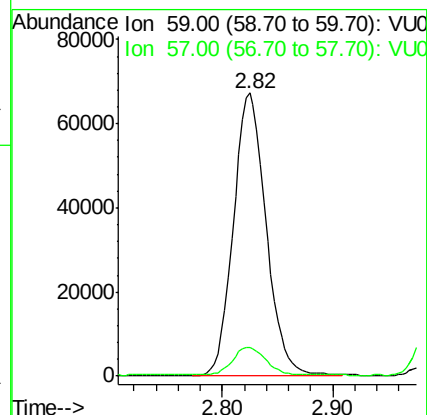
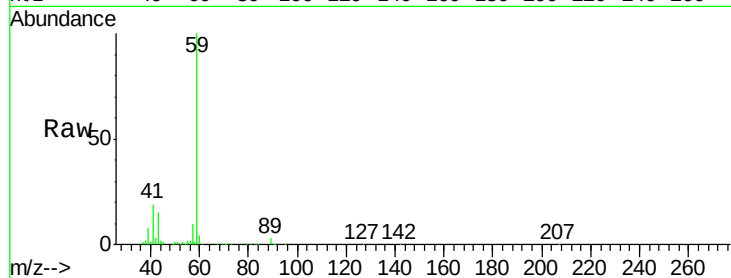


#11

Tert butyl alcohol
 Concen: 209.754 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :

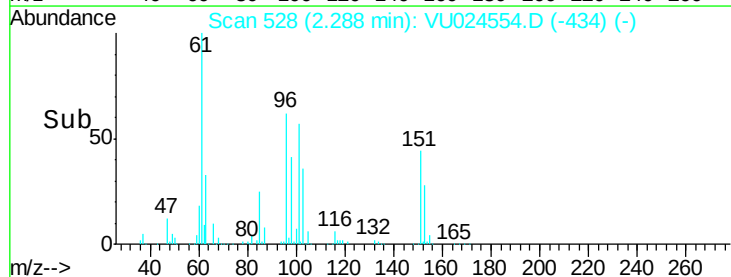
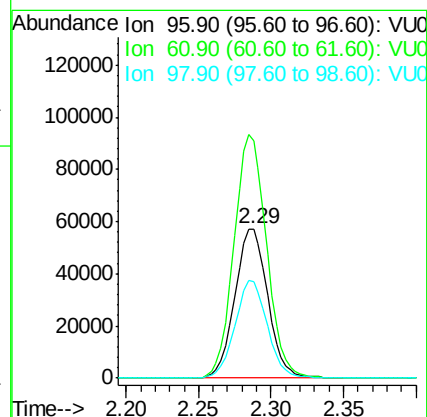
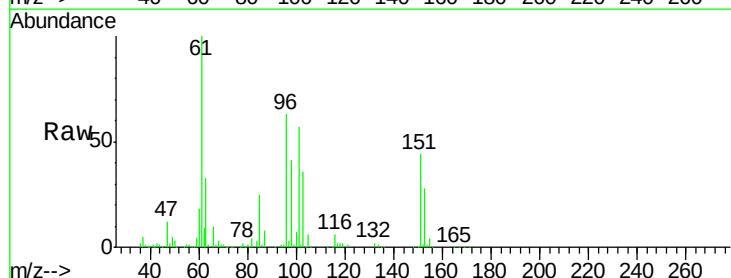
Tot Ion: 59 Resp: 138716
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.5 12.7

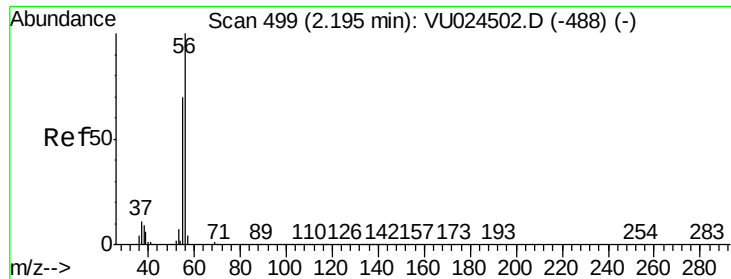


#12

1,1-Dichloroethene
 Concen: 46.707 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion: 96 Resp: 88583
 Ion Ratio Lower Upper
 96 100
 61 159.9 141.7 212.5
 98 65.0 51.6 77.4

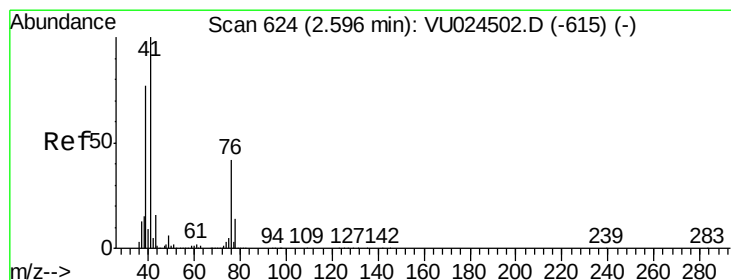
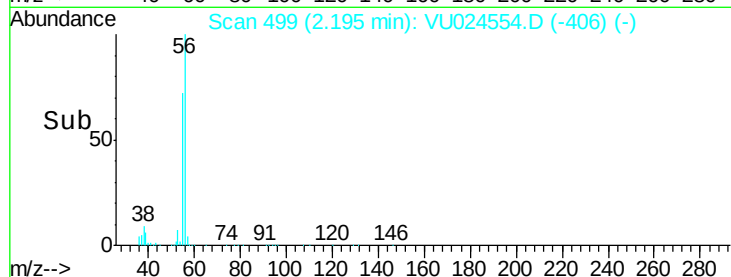
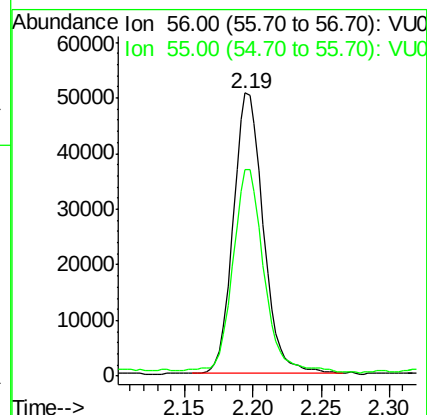
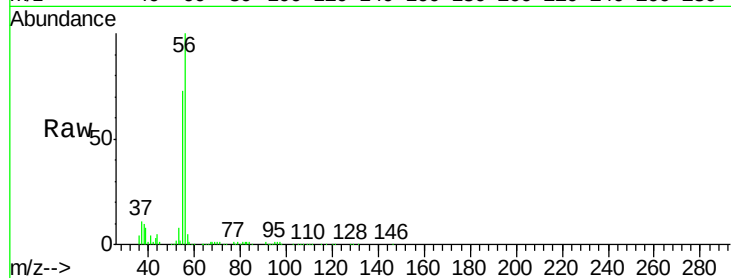




#13
 Acrolein
 Concen: 222.483 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

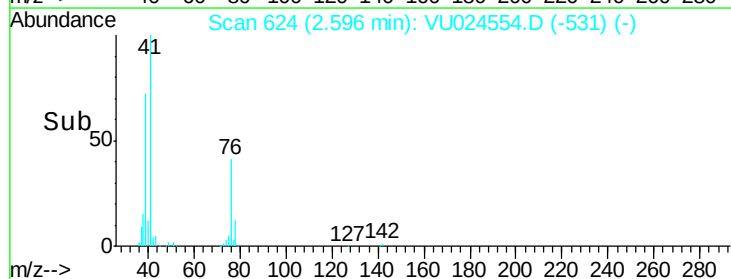
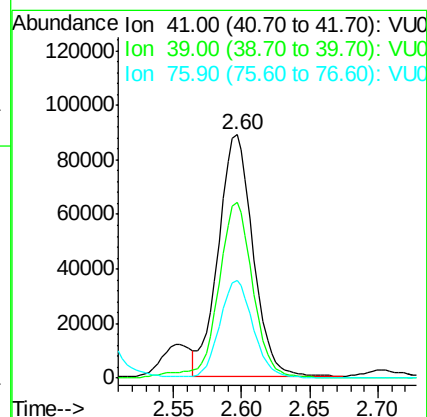
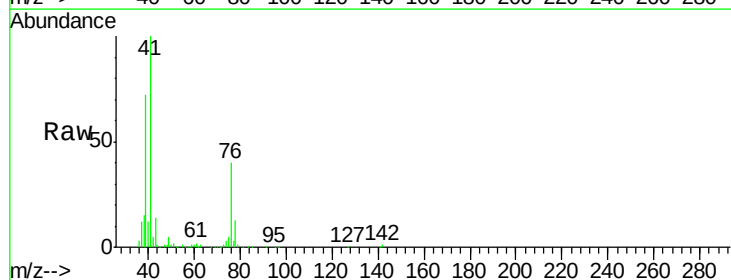
Instrument :
 MSVOA_U
 ClientSampled :

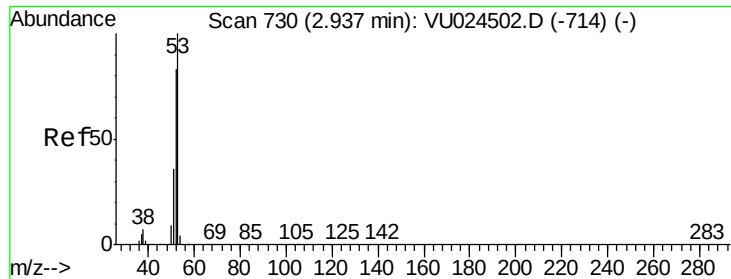
Tot Ion: 56 Resp: 77264
 Ion Ratio Lower Upper
 56 100
 55 75.7 58.4 87.6



#14
 Allyl chloride
 Concen: 44.371 ug/l
 RT: 2.60 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion: 41 Resp: 156248
 Ion Ratio Lower Upper
 41 100
 39 71.3 61.6 92.4
 76 39.2 29.7 44.5





#15

Acrylonitrile

Concen: 252.074 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampled :

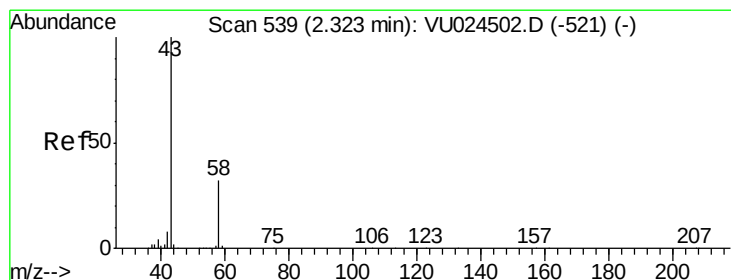
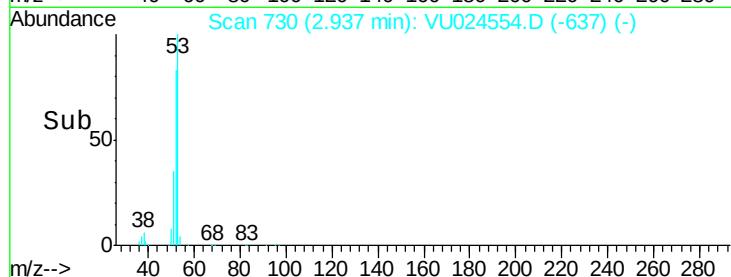
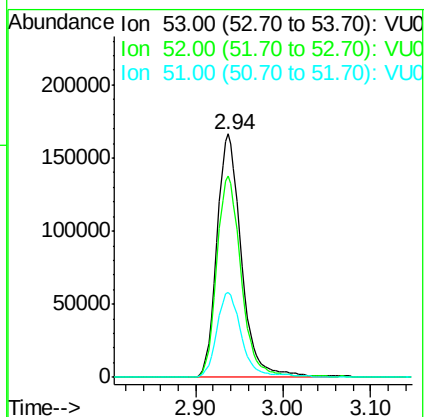
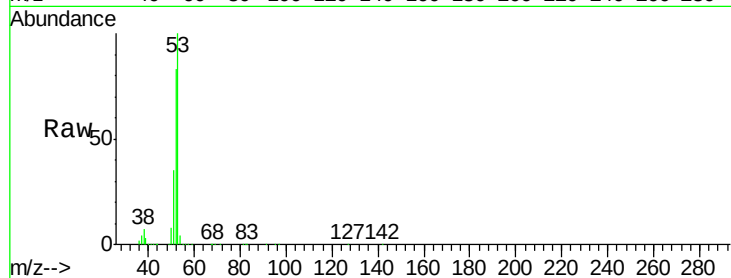
Tot Ion: 53 Resp: 324341

Ion Ratio Lower Upper

53 100

52 82.2 67.1 100.7

51 34.7 28.4 42.6



#16

Acetone

Concen: 181.871 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024554.D

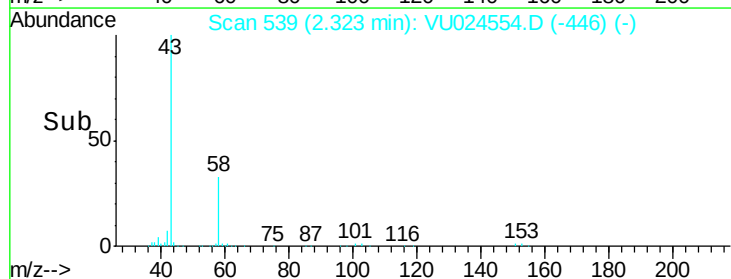
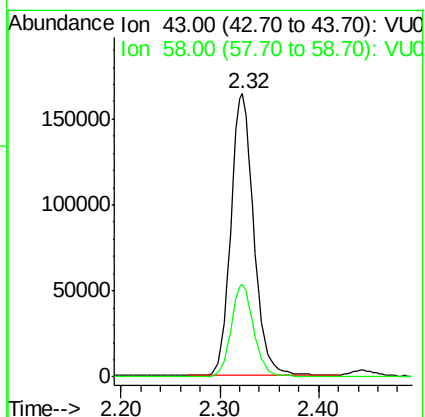
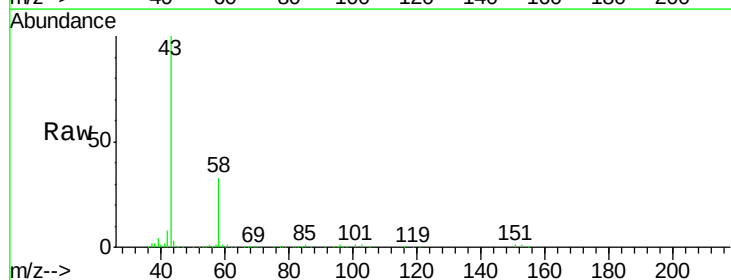
Acq: 14 Jun 2018 20:45

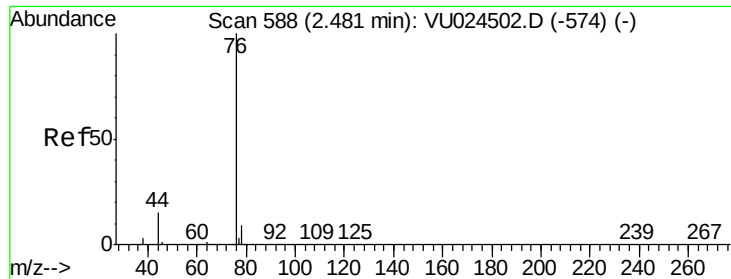
Tgt Ion: 43 Resp: 265716

Ion Ratio Lower Upper

43 100

58 32.9 24.4 36.6

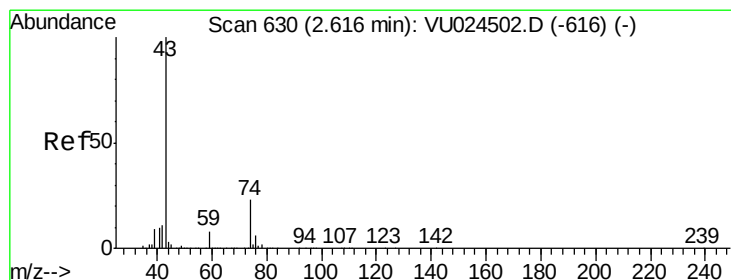
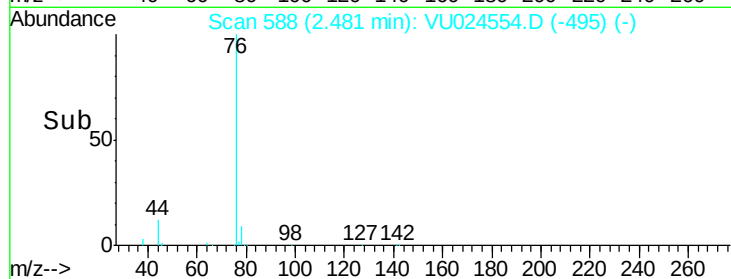
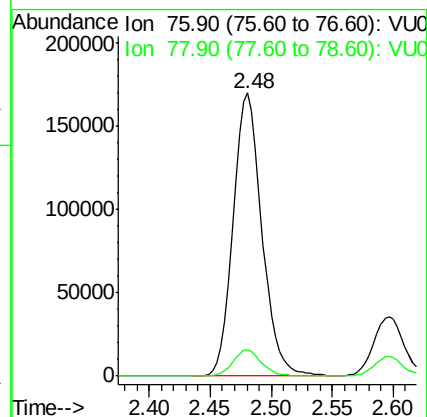
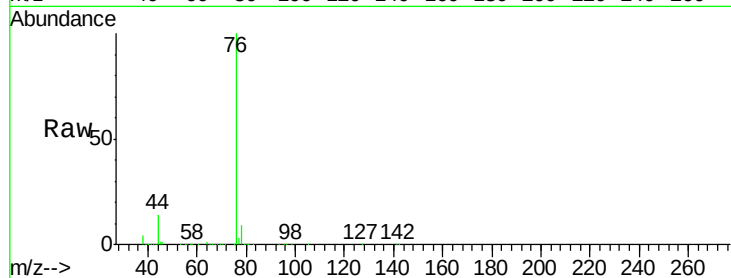




#17
Carbon Disulfide
Concen: 46.215 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

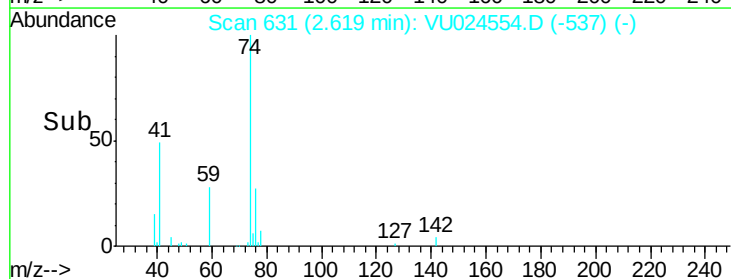
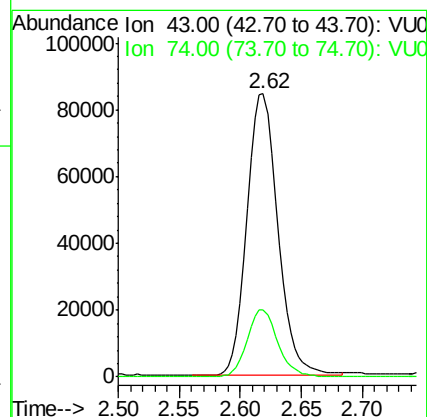
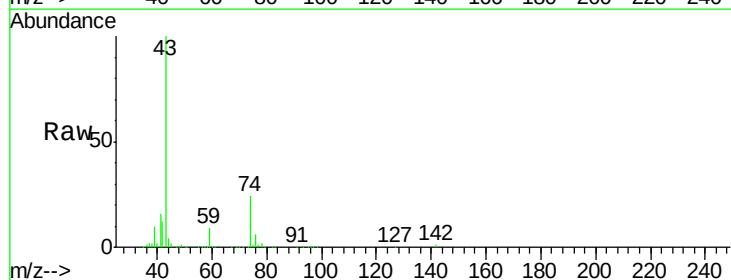
Instrument :
MSVOA_U
ClientSampleId :

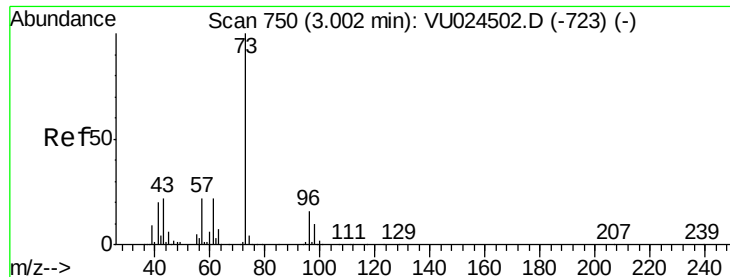
Tot Ion: 76 Resp: 280655
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 47.091 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 43 Resp: 147495
Ion Ratio Lower Upper
43 100
74 23.6 18.0 27.0



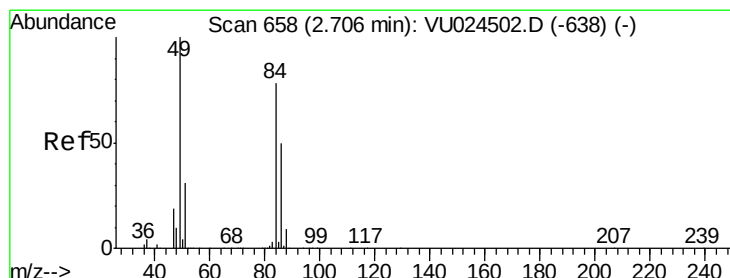
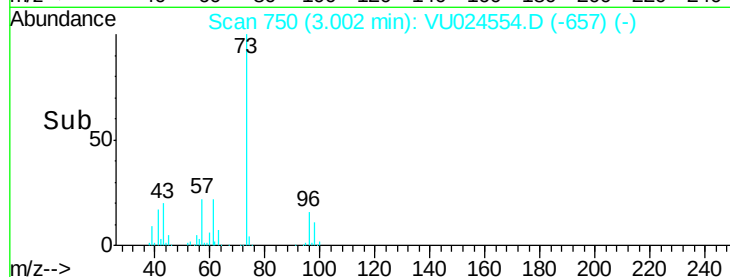
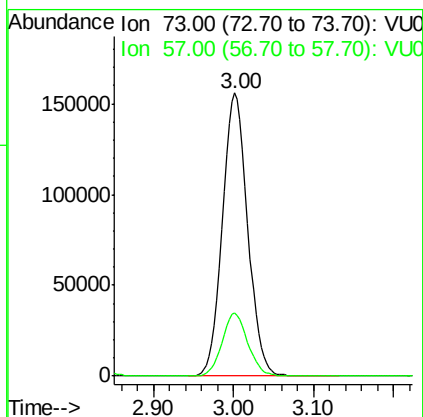
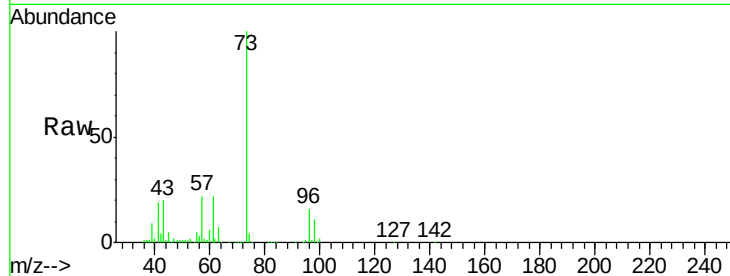


#19

Methyl tert-butyl Ether
 Concen: 47.371 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :

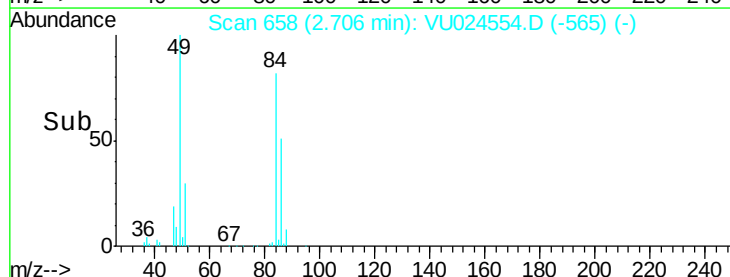
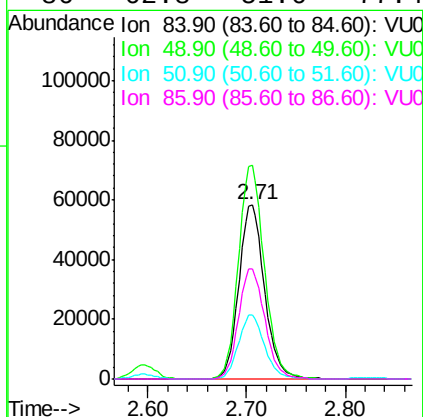
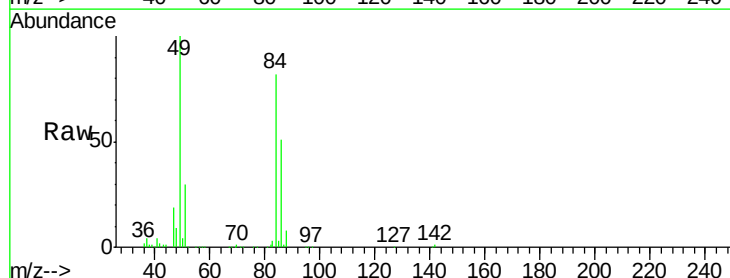
Tot Ion: 73 Resp: 337718
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.8 28.2

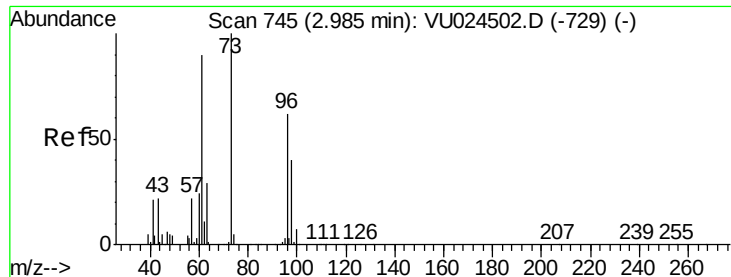


#20

Methylene Chloride
 Concen: 45.872 ug/l
 RT: 2.71 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion: 84 Resp: 105158
 Ion Ratio Lower Upper
 84 100
 49 122.4 103.8 155.8
 51 36.7 32.0 48.0
 86 62.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.351 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :

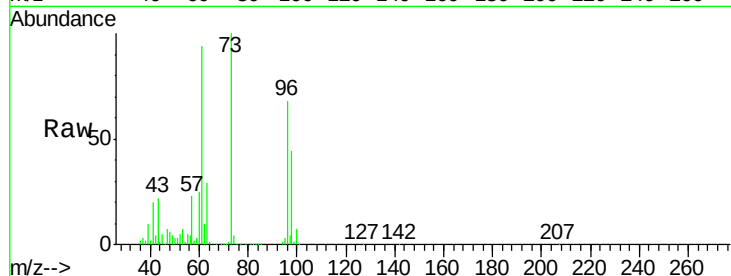
Tot Ion: 96 Resp: 100998

Ion Ratio Lower Upper

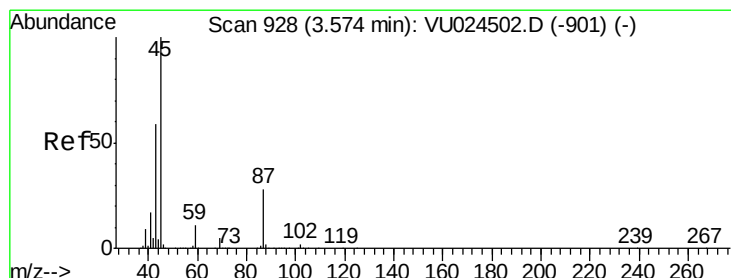
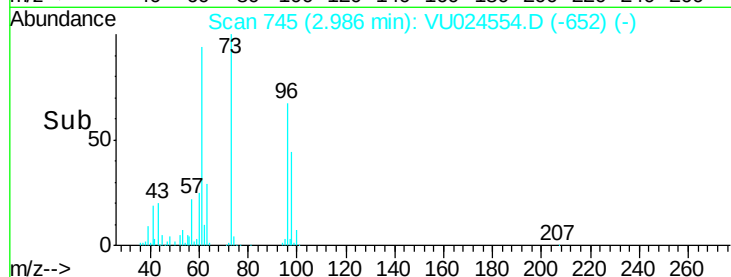
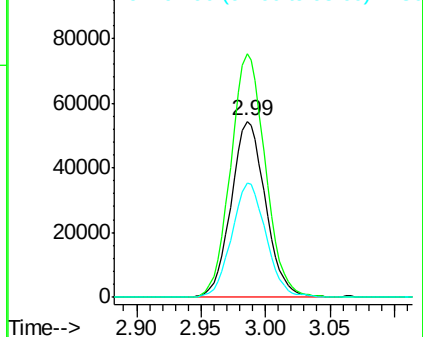
96 100

61 138.3 119.4 179.0

98 64.5 51.1 76.7



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



#22

Diisopropyl ether

Concen: 48.261 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Tgt Ion: 45 Resp: 336895

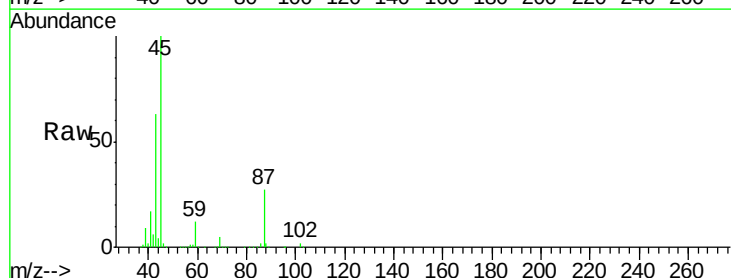
Ion Ratio Lower Upper

45 100

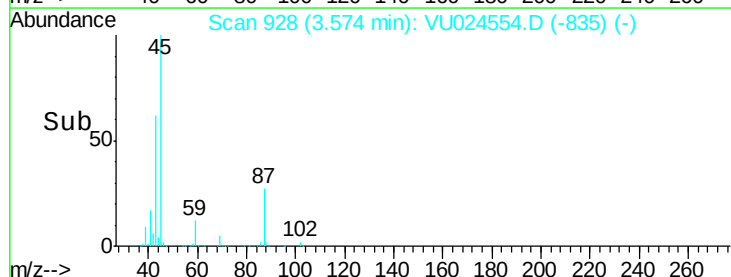
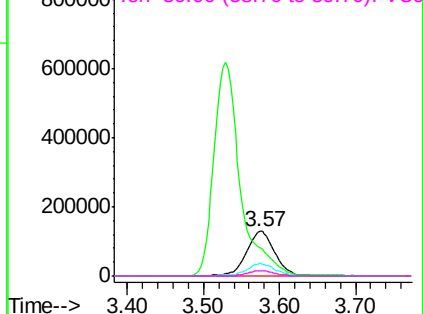
43 62.2 45.8 68.6

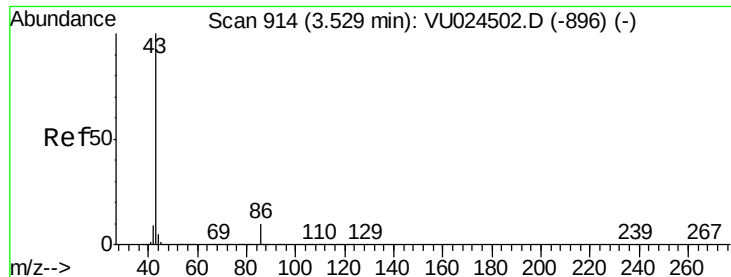
87 27.3 20.6 31.0

59 11.6 9.4 14.0



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





#23

Vinyl Acetate

Concen: 239.125 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

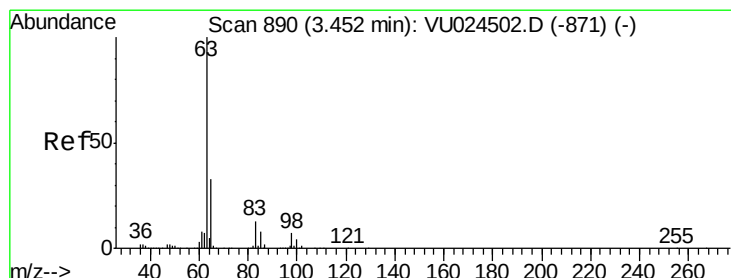
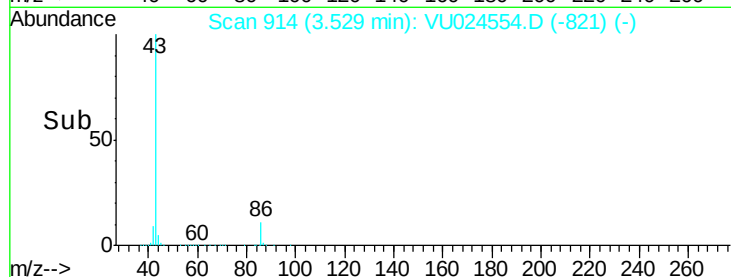
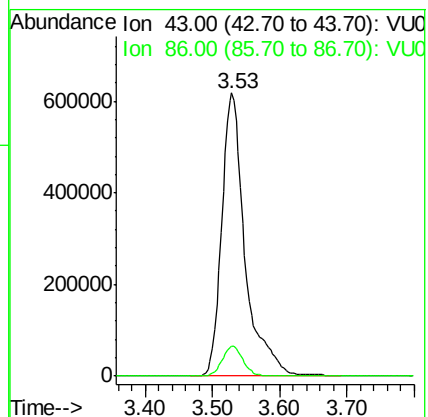
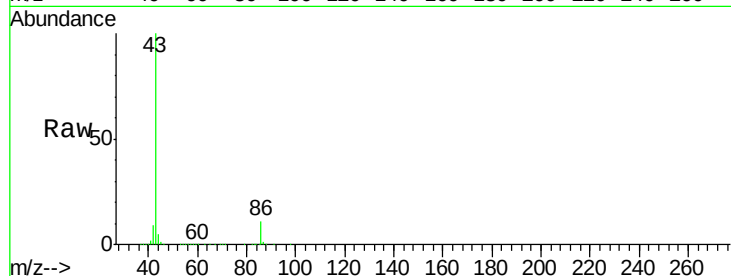
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 1495306

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 47.740 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

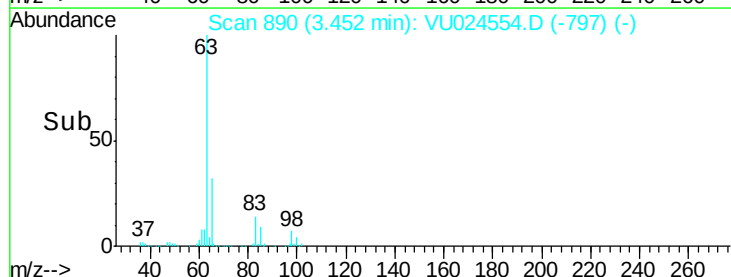
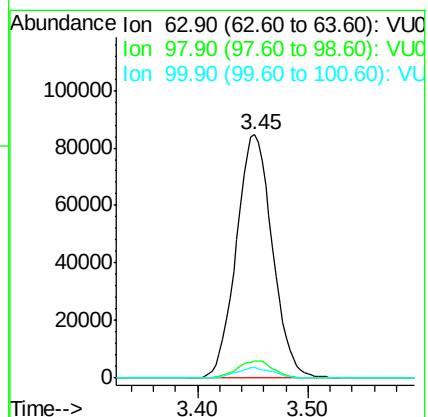
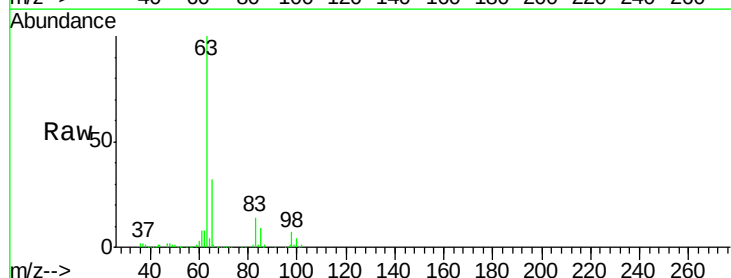
Tgt Ion: 63 Resp: 191714

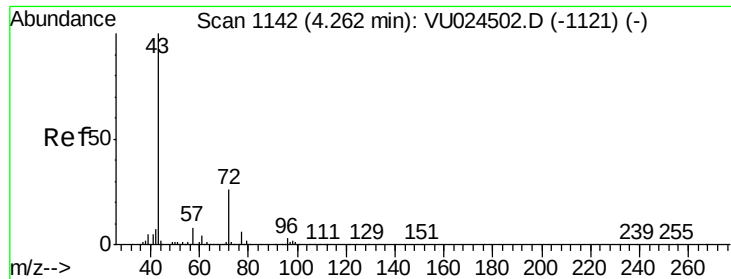
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.2 1.8 5.5

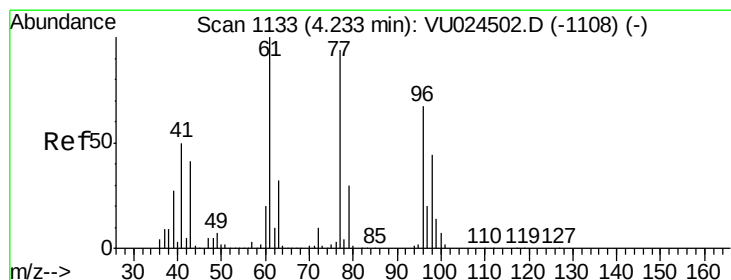
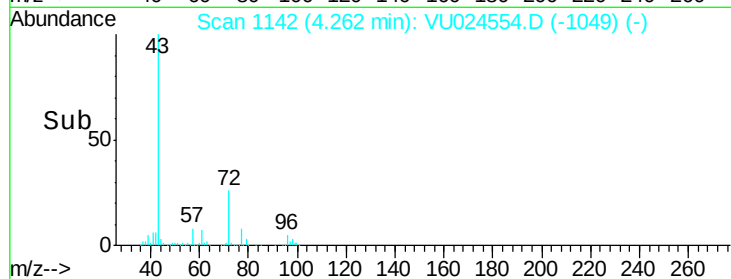
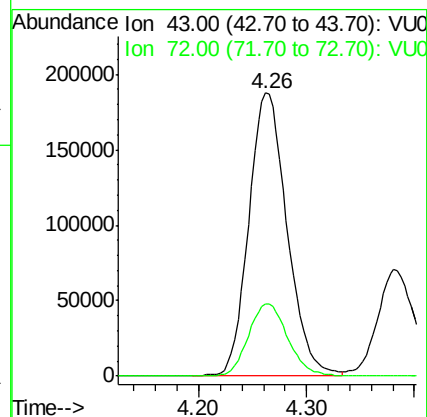
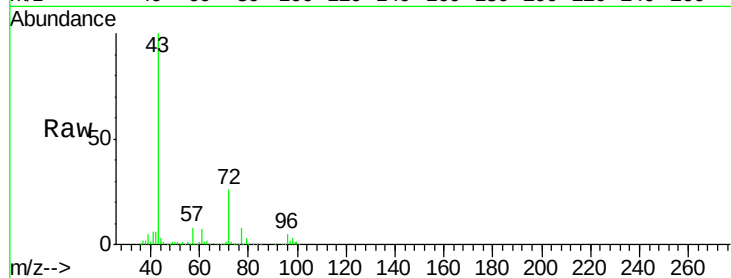




#25
2-Butanone
Concen: 233.669 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

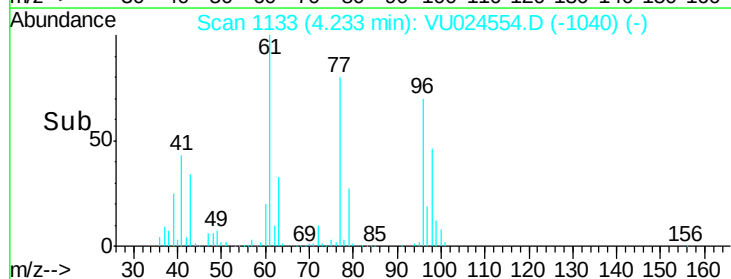
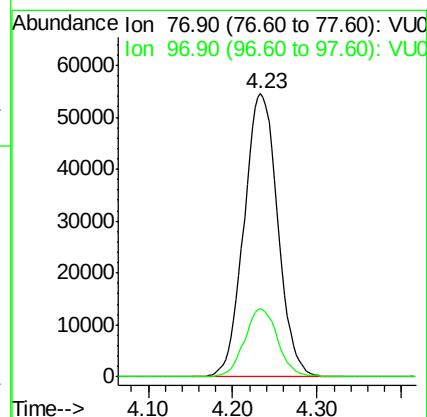
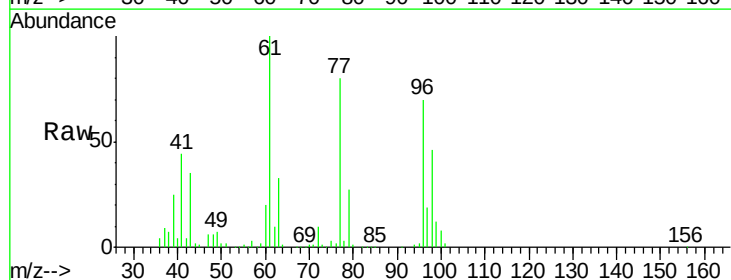
Instrument :
MSVOA_U
ClientSampleId :

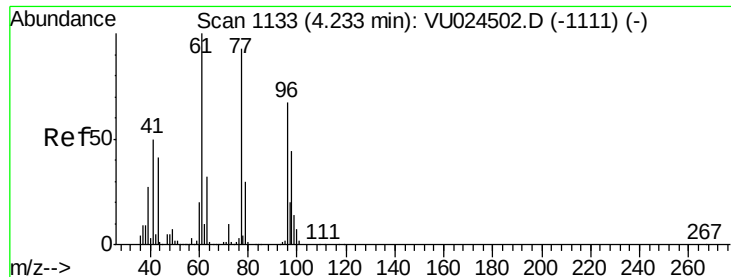
Tot Ion: 43 Resp: 458568
Ion Ratio Lower Upper
43 100
72 25.6 19.6 29.4



#26
2,2-Dichloropropane
Concen: 39.736 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 77 Resp: 151522
Ion Ratio Lower Upper
77 100
97 24.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 48.557 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :

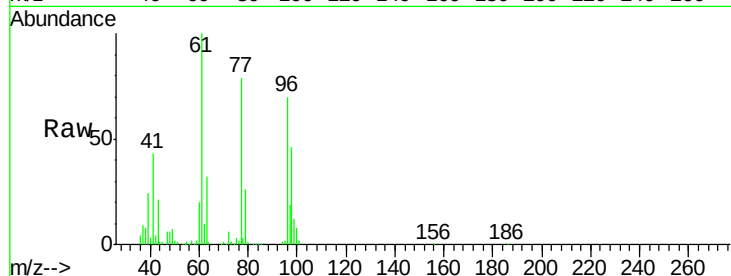
Tot Ion: 96 Resp: 116609

Ion Ratio Lower Upper

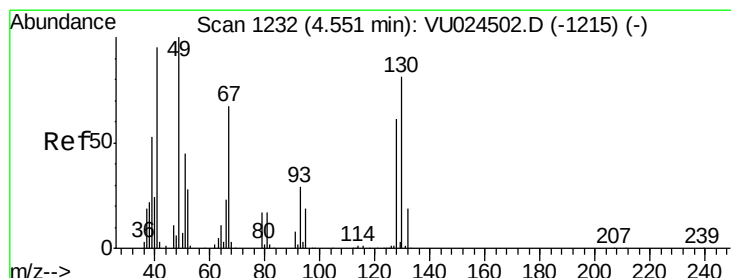
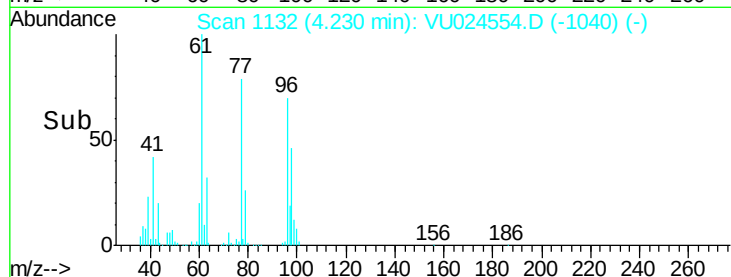
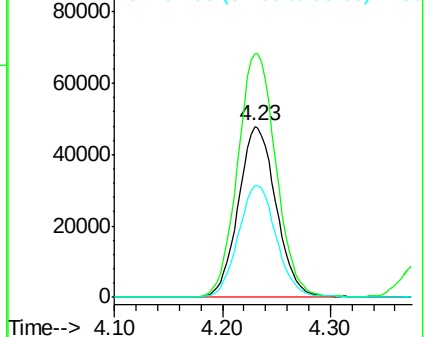
96 100

61 145.4 0.0 306.6

98 66.2 0.0 128.8



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



#28

Bromochloromethane

Concen: 52.778 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

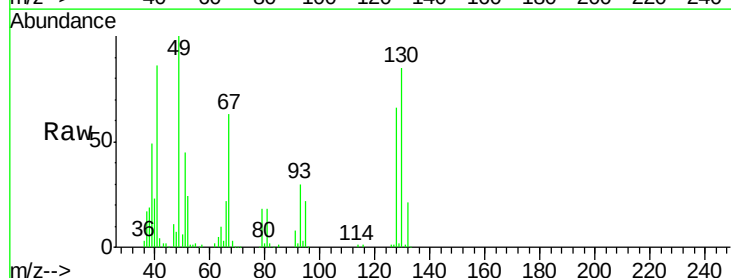
Tgt Ion: 49 Resp: 93355

Ion Ratio Lower Upper

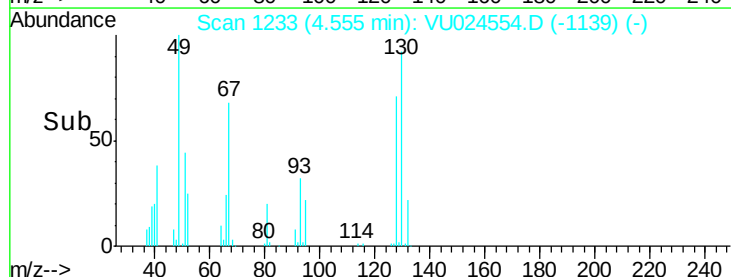
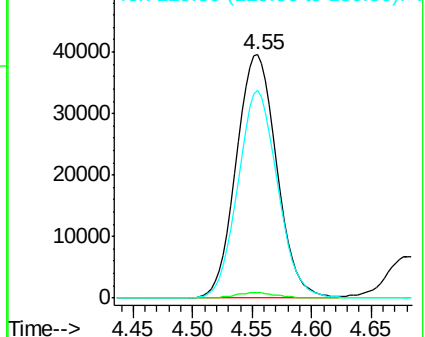
49 100

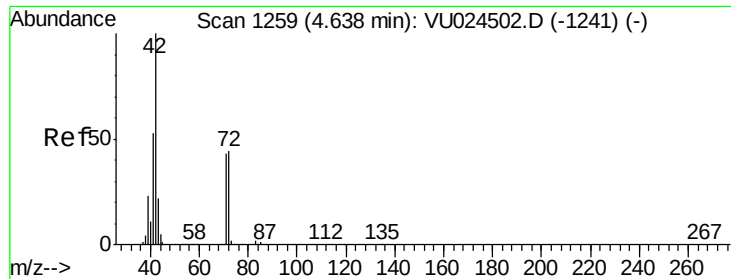
129 2.3 0.0 3.8

130 83.8 57.8 86.6



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

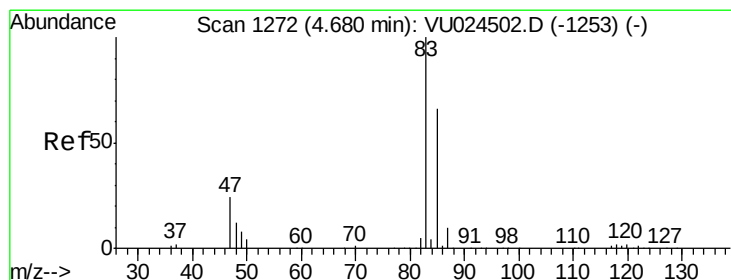
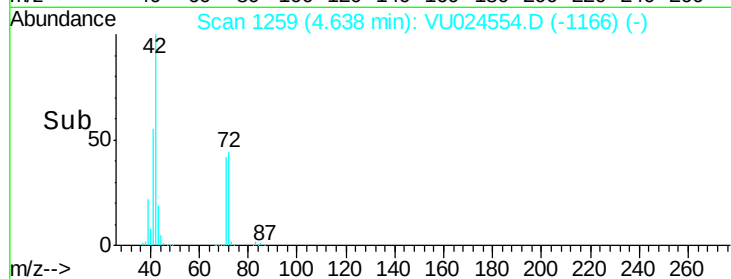
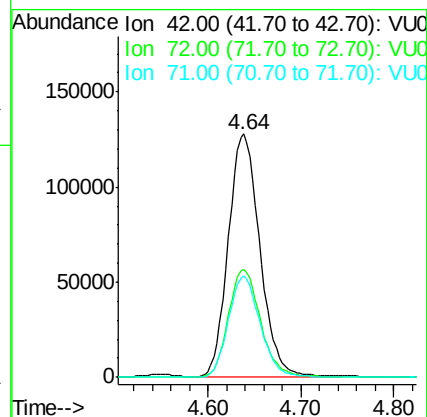
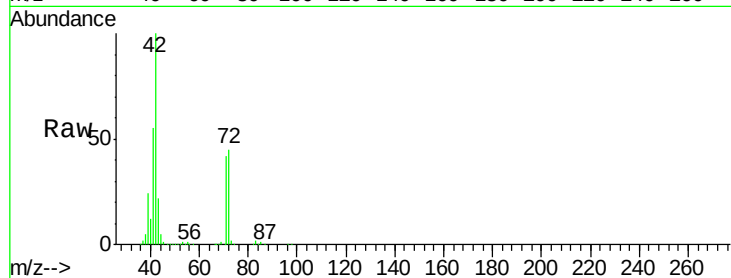




#29
Tetrahydrofuran
Concen: 247.388 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

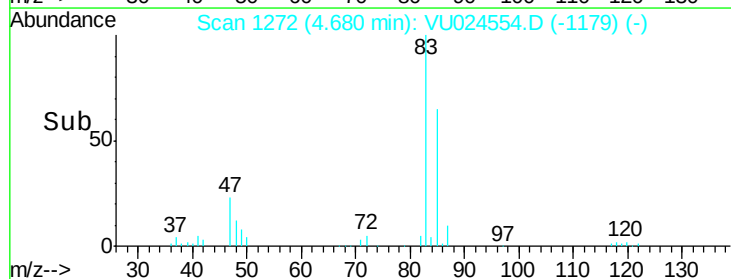
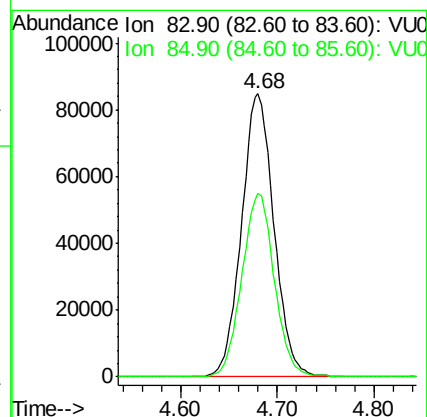
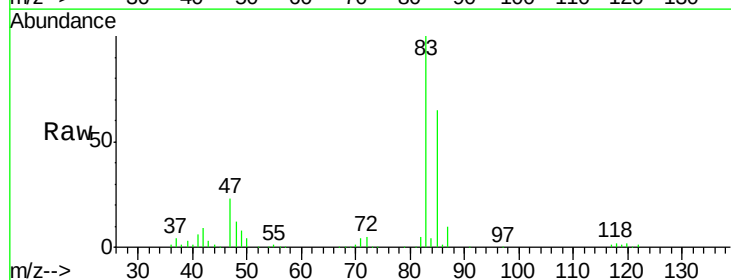
Instrument :
MSVOA_U
ClientSampleId :

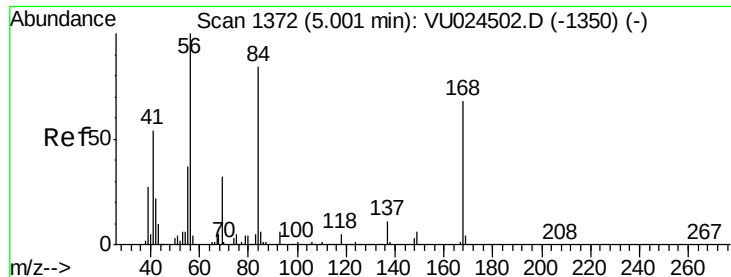
Tot Ion: 42 Resp: 300649
Ion Ratio Lower Upper
42 100
72 45.6 34.5 51.7
71 41.8 32.2 48.4



#30
Chloroform
Concen: 48.567 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 83 Resp: 197408
Ion Ratio Lower Upper
83 100
85 64.7 52.4 78.6

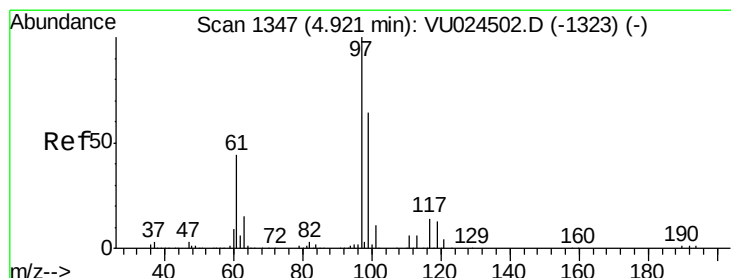
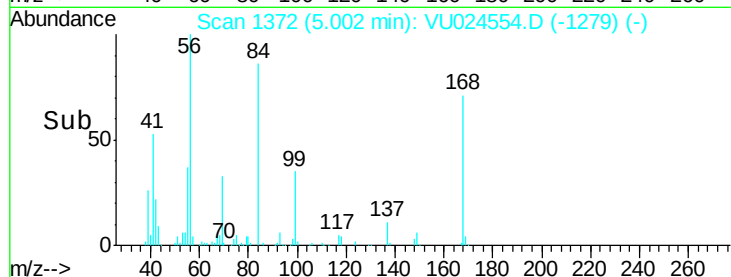
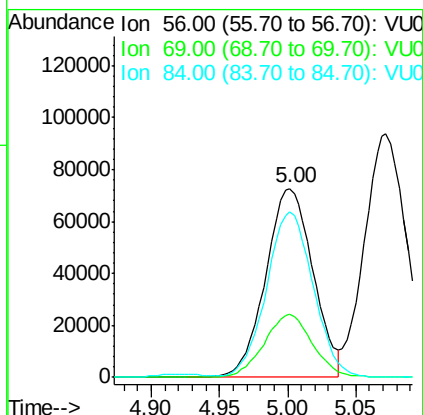
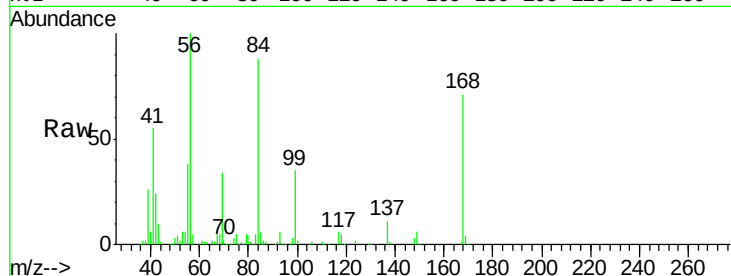




#31
Cyclohexane
Concen: 48.797 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

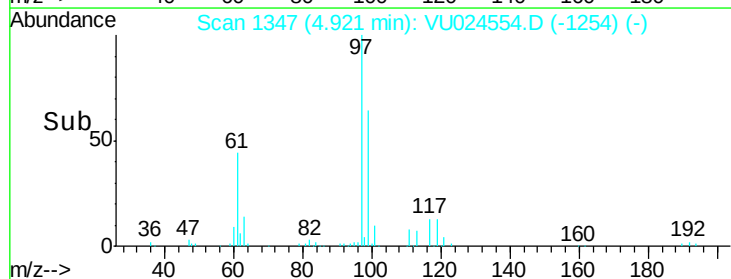
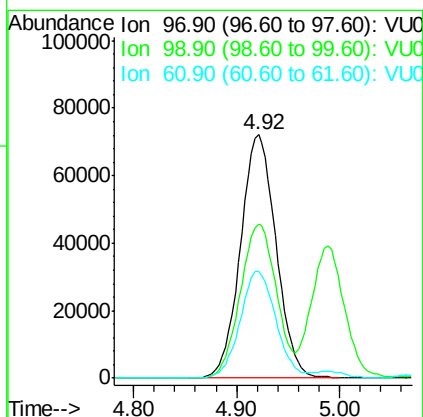
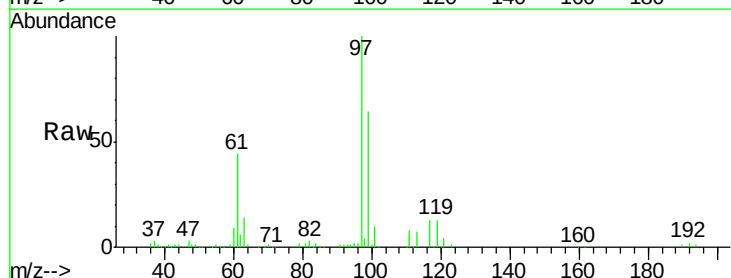
Instrument :
MSVOA_U
ClientSampled :

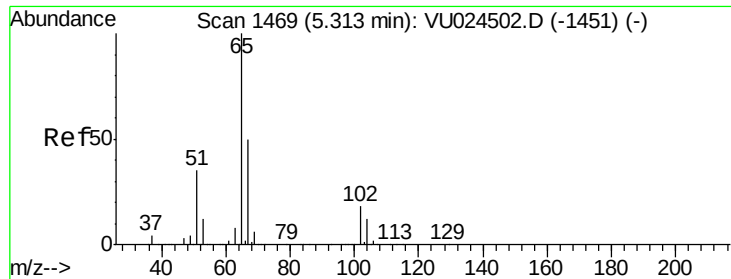
Tot Ion: 56 Resp: 174188
Ion Ratio Lower Upper
56 100
69 33.3 24.8 37.2
84 86.2 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 45.998 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 97 Resp: 172890
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 44.2 39.4 59.0

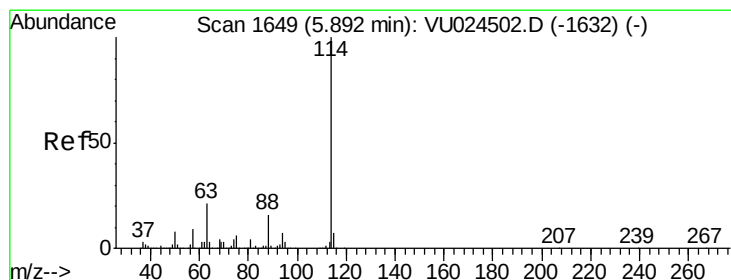
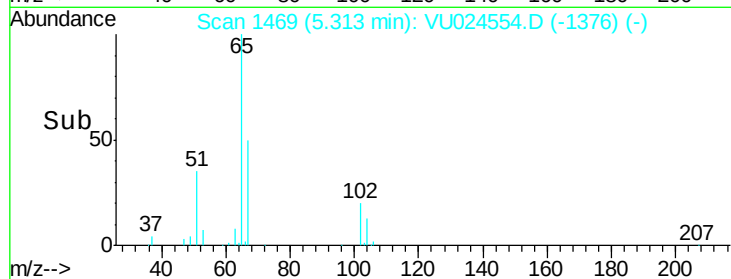
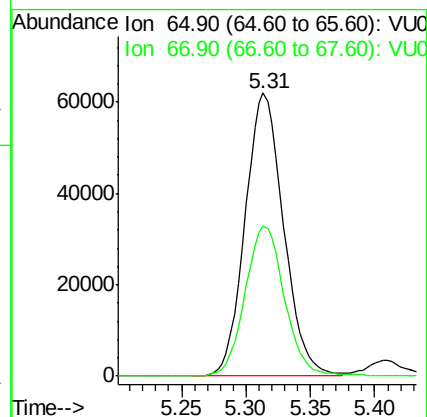
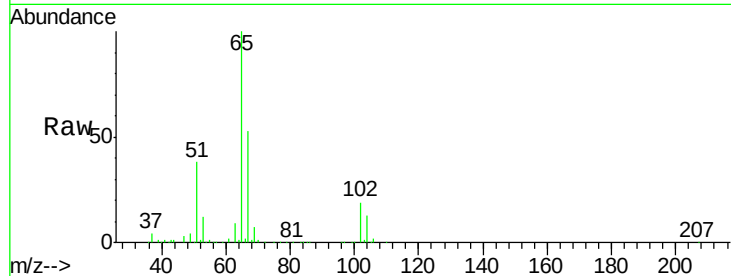




#33
 1,2-Dichloroethane-d4
 Concen: 47.446 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

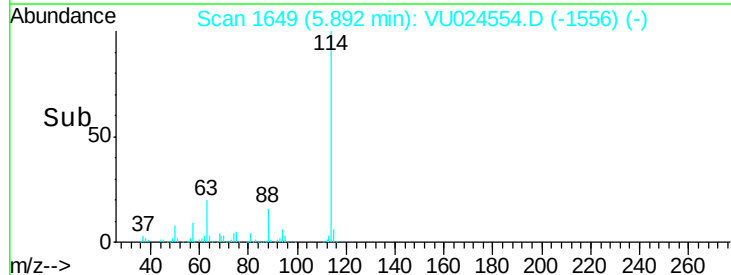
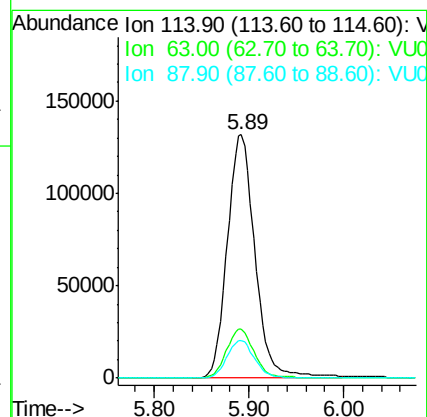
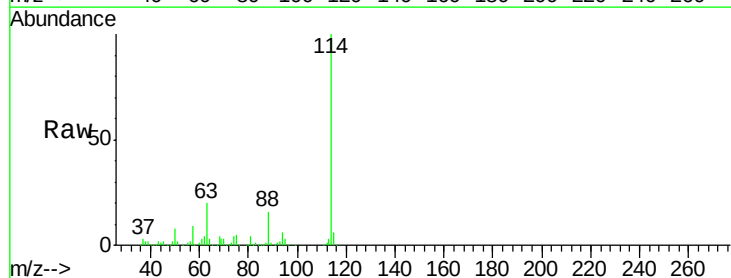
Instrument :
 MSVOA_U
 ClientSampleId :

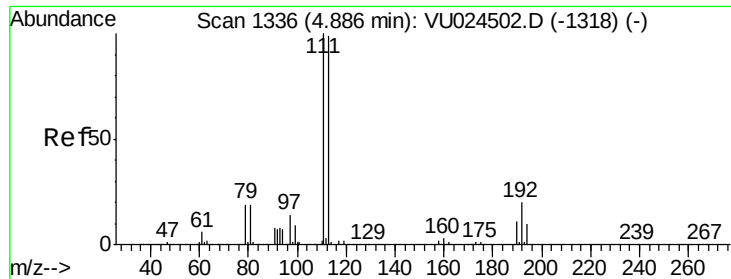
Tot Ion: 65 Resp: 129015
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion: 114 Resp: 269002
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.4
 88 15.6 0.0 31.0

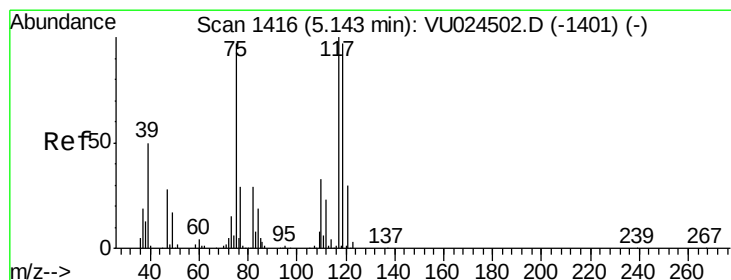
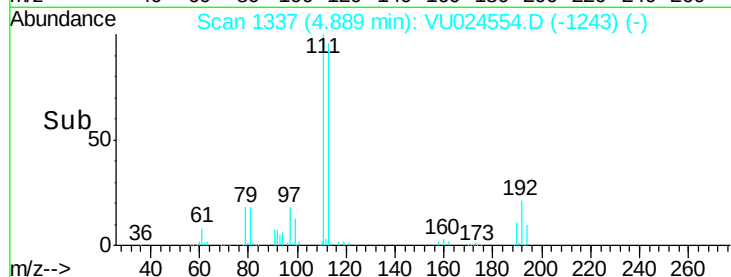
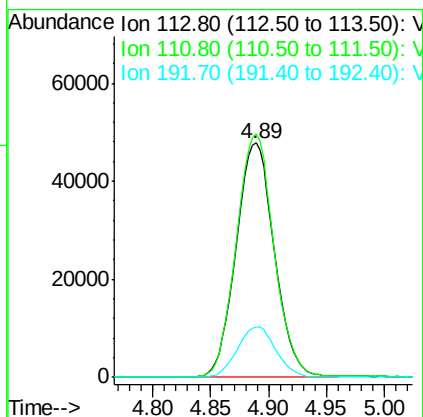
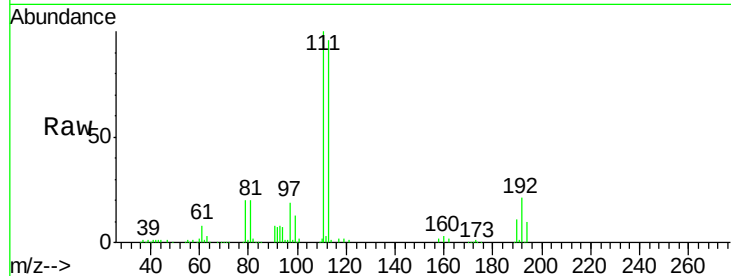




#35
 Dibromofluoromethane
 Concen: 49.296 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

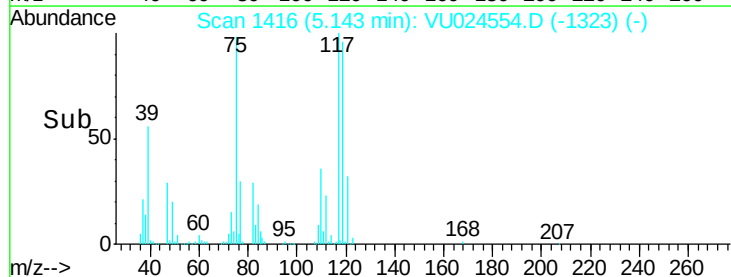
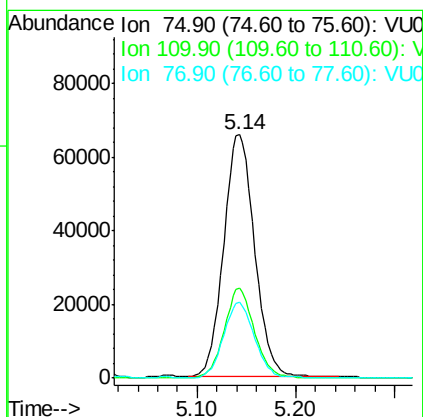
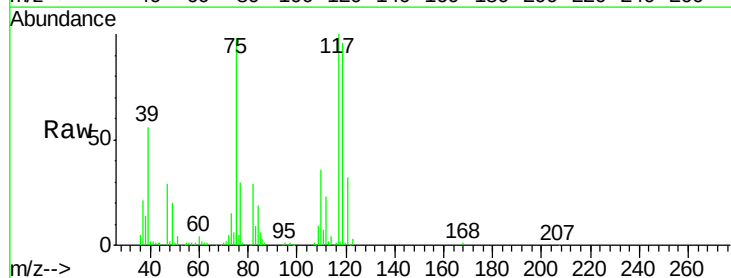
Instrument :
 MSVOA_U
 ClientSampleId :

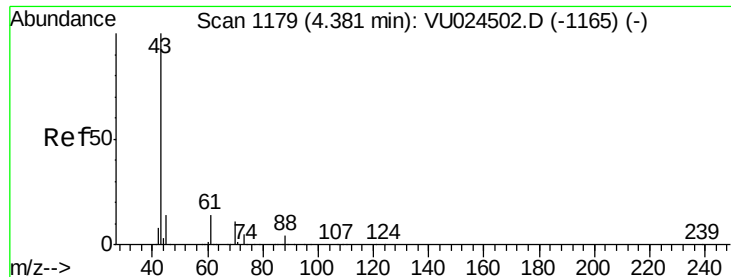
Tot Ion:113 Resp: 110053
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 21.6 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 45.712 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion: 75 Resp: 144494
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.0 50.9
 77 30.9 24.2 36.4

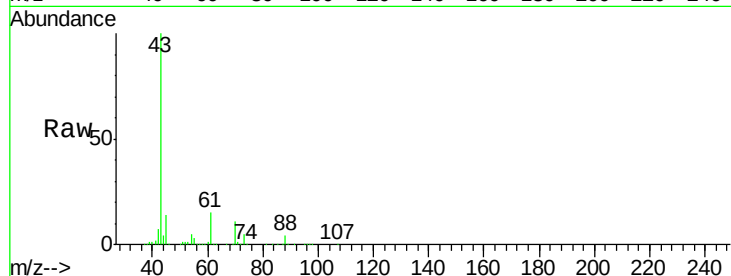




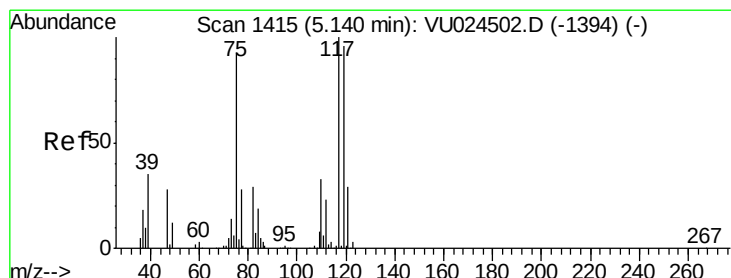
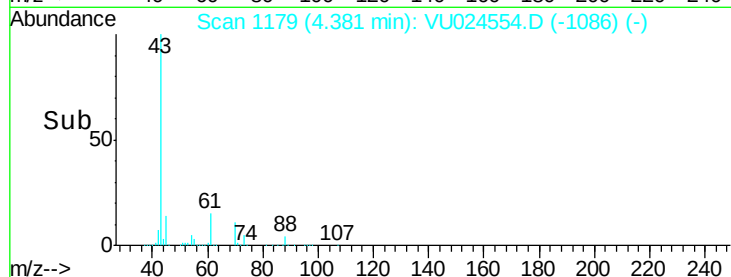
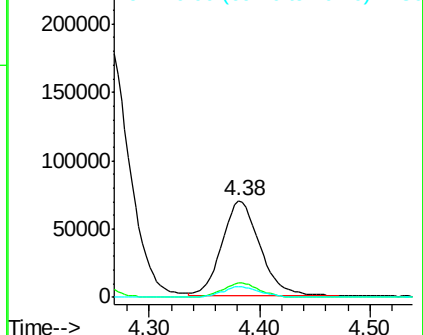
#37
Ethyl Acetate
Concen: 48.486 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 167046
Ion Ratio Lower Upper
43 100
61 14.5 10.5 15.7
70 11.2 7.4 11.2

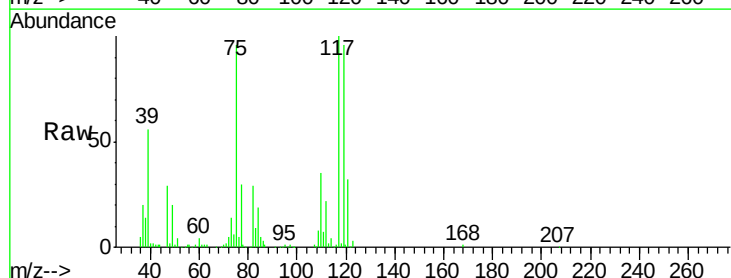


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

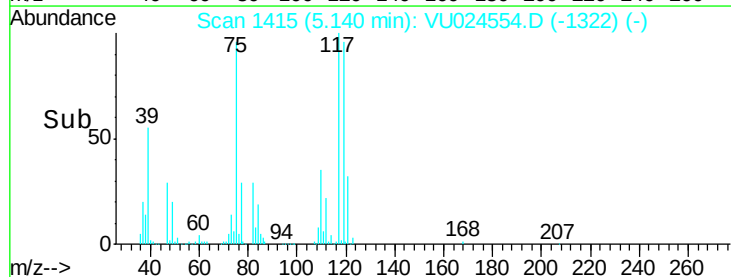
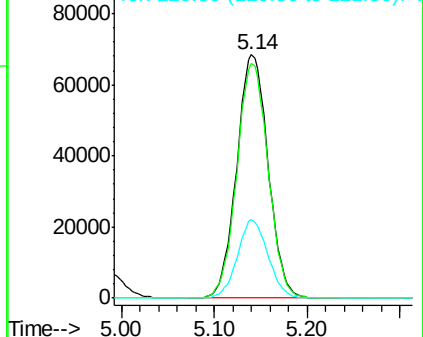


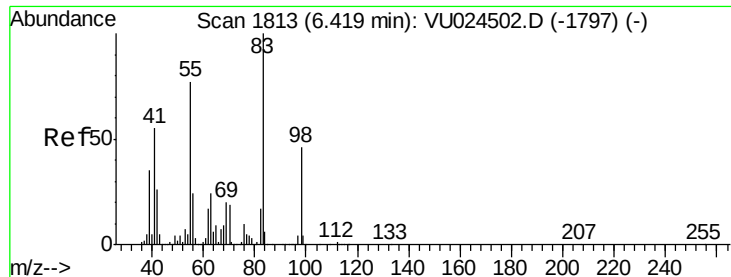
#38
Carbon Tetrachloride
Concen: 46.279 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 117 Resp: 160866
Ion Ratio Lower Upper
117 100
119 96.4 76.1 114.1
121 32.2 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

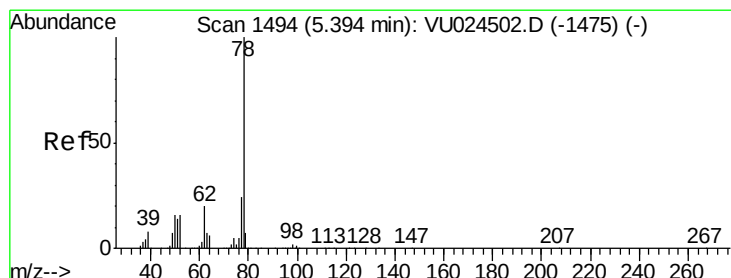
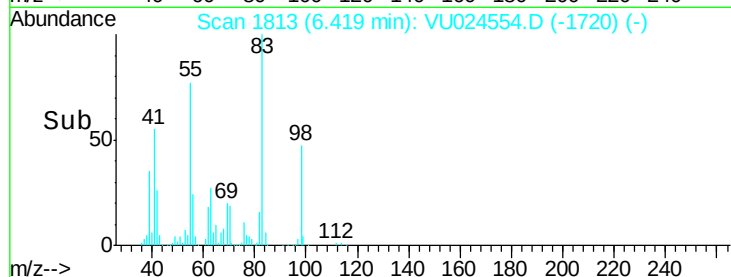
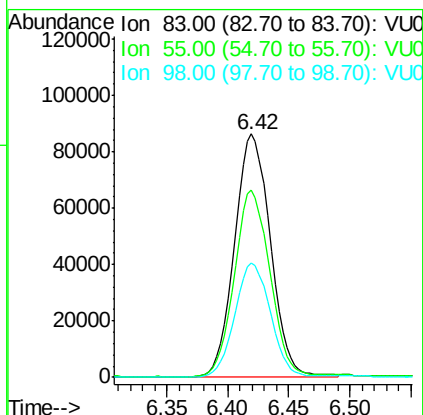
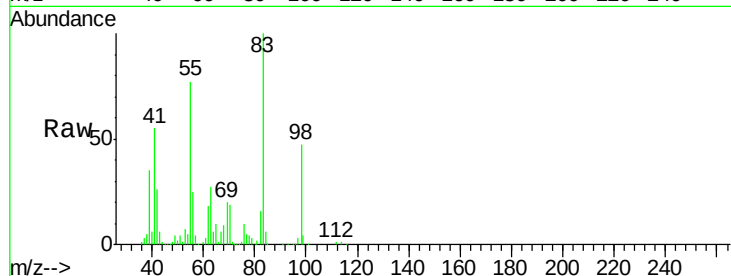




#39
Methylvlcyclohexane
Concen: 44.518 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

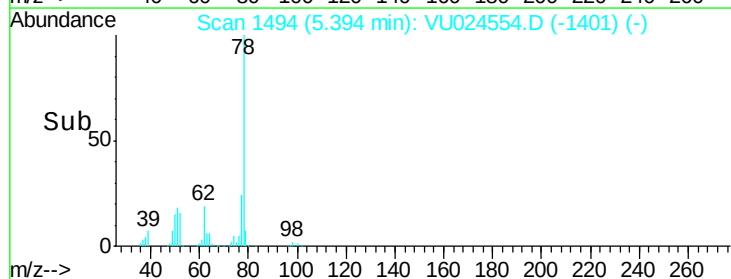
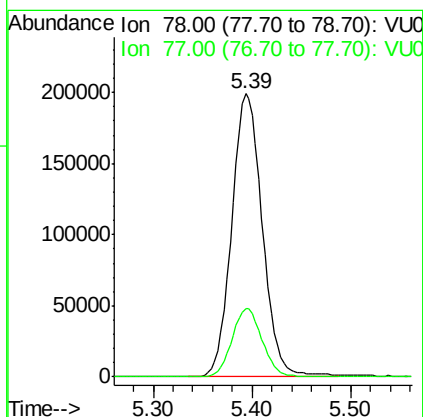
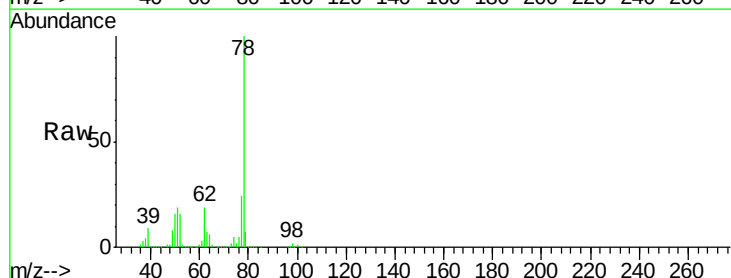
Instrument :
MSVOA_U
ClientSampleId :

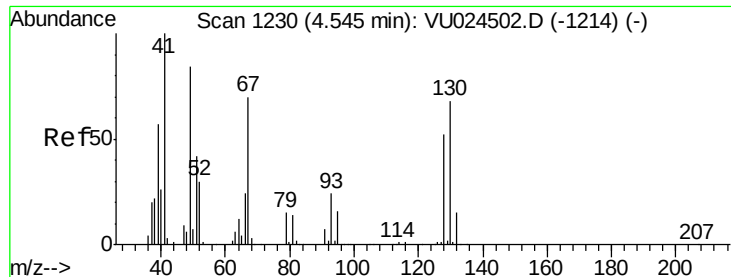
Tot Ion: 83 Resp: 175608
Ion Ratio Lower Upper
83 100
55 76.7 65.8 98.6
98 46.9 36.7 55.1



#40
Benzene
Concen: 47.737 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 78 Resp: 429974
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8

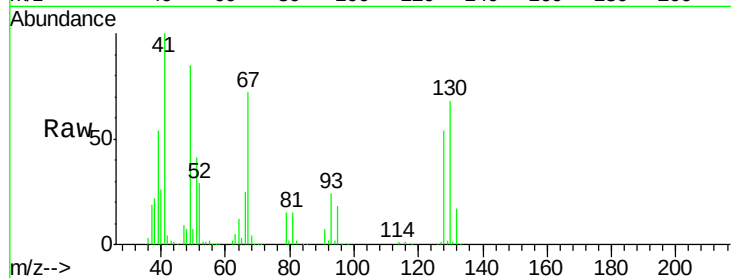




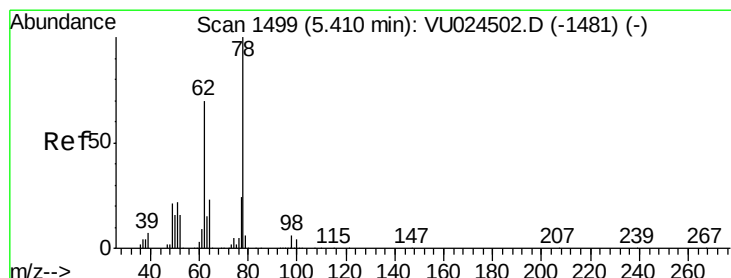
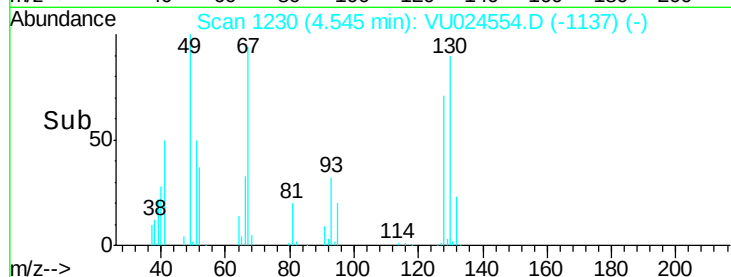
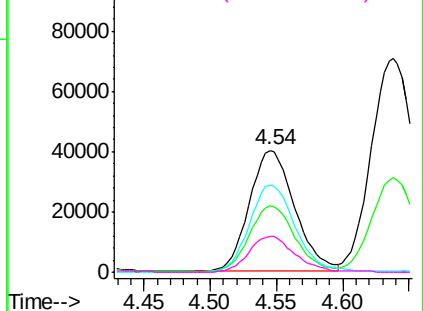
#41
Methacrylonitrile
Concen: 51.397 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	95472
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.8	65.6
67	72.3	56.3	84.5
52	29.8	23.2	34.8

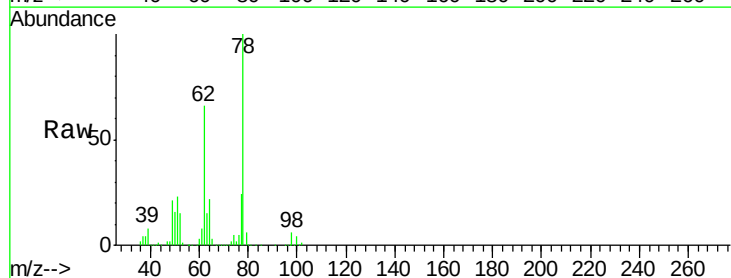


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

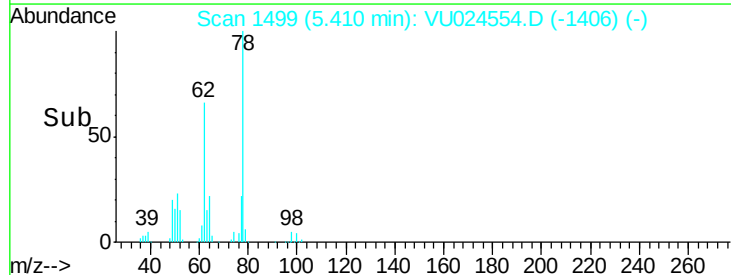
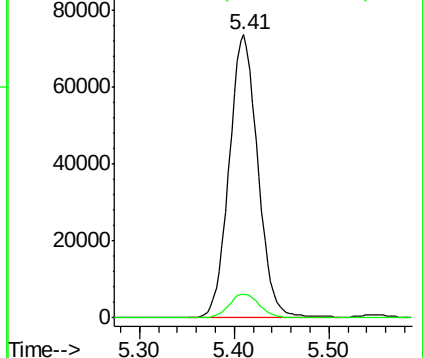


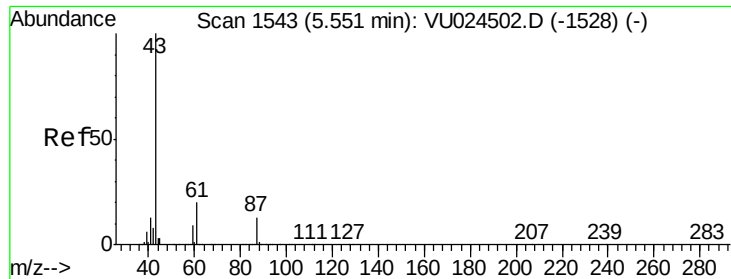
#42
1,2-Dichloroethane
Concen: 45.327 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion:	62	Resp:	155494
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 46.937 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

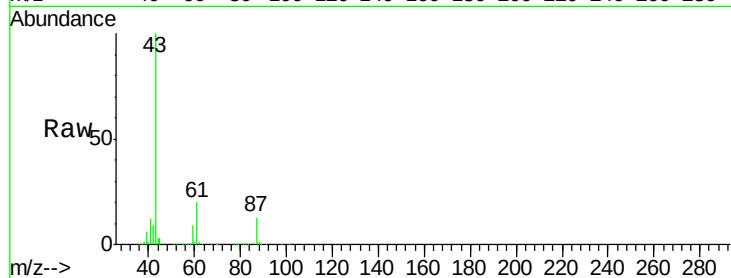
Tot Ion: 43 Resp: 279524

Ion Ratio Lower Upper

43 100

61 20.0 15.4 23.0

87 13.4 10.0 15.0

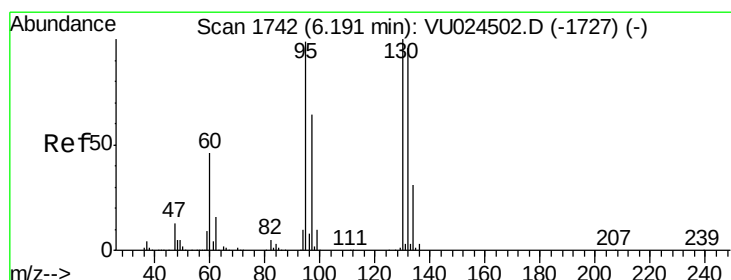
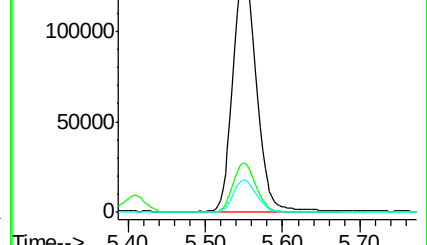
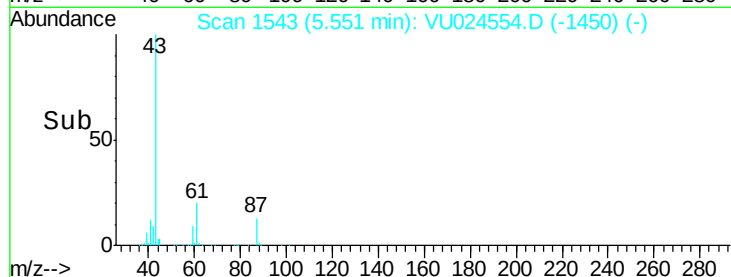


Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

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

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

Time-->



#44

Trichloroethene

Concen: 46.545 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024554.D

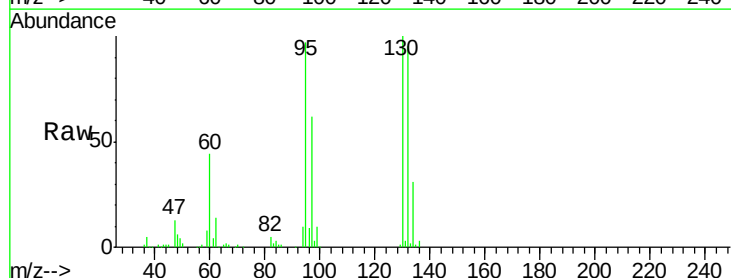
Acq: 14 Jun 2018 20:45

Tgt Ion:130 Resp: 119314

Ion Ratio Lower Upper

130 100

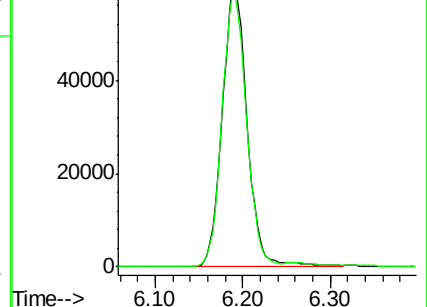
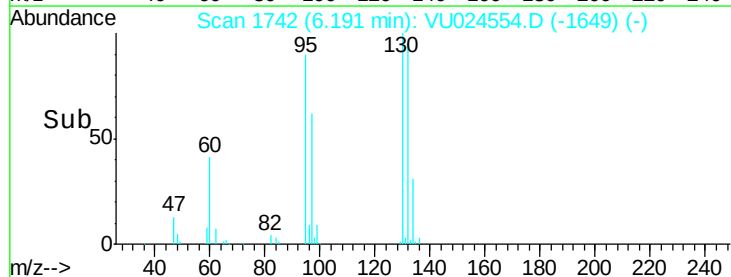
95 96.5 0.0 202.4

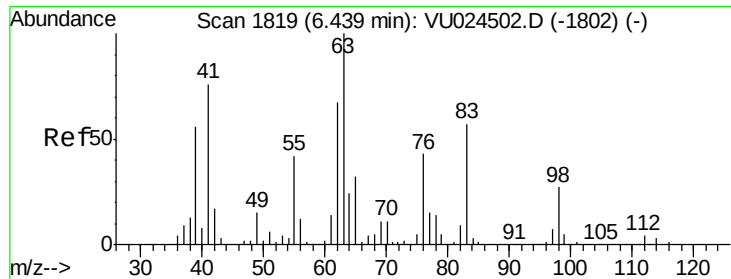


Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

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

Time-->

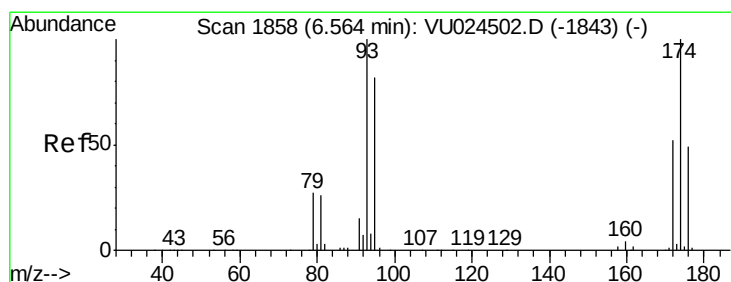
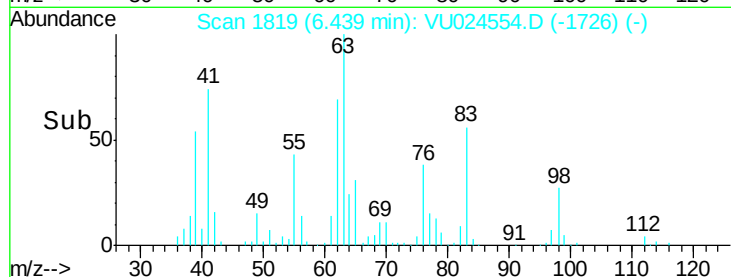
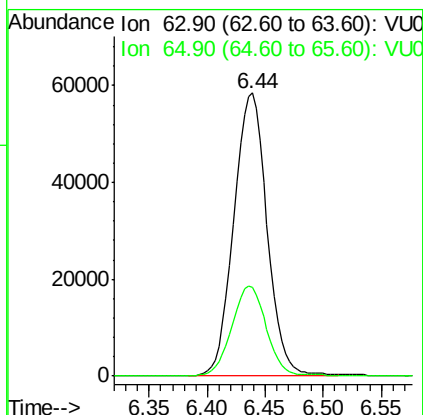
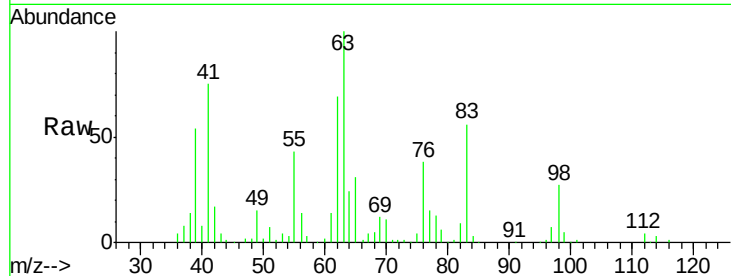




#45
 1,2-Dichloropropane
 Concen: 48.467 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

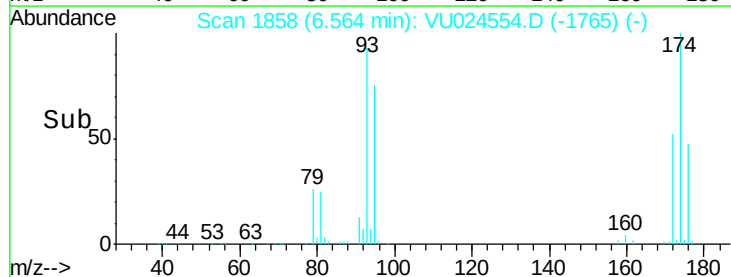
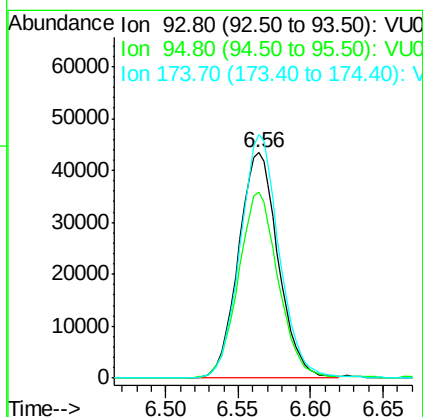
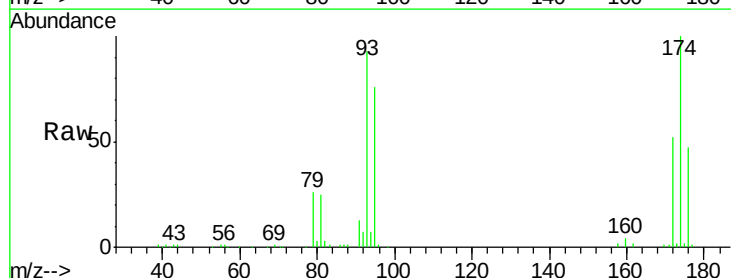
Instrument :
 MSVOA_U
 ClientSampleId :

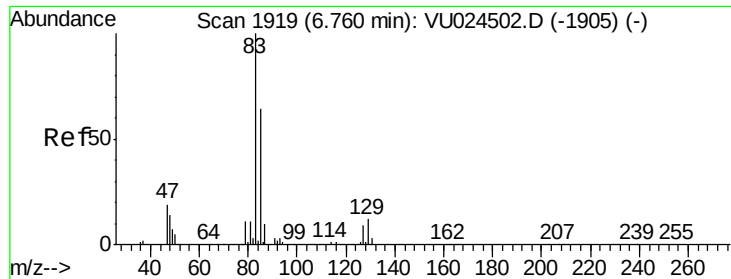
Tot Ion: 63 Resp: 116480
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.8 37.2



#46
 Dibromomethane
 Concen: 48.931 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion: 93 Resp: 82600
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.5 98.3
 174 106.3 78.7 118.1





#47

Bromodichloromethane

Concen: 47.348 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

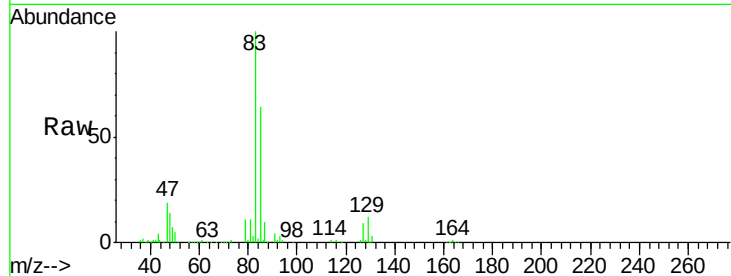
Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 159159

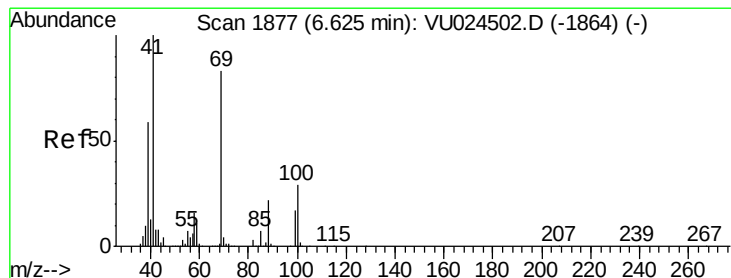
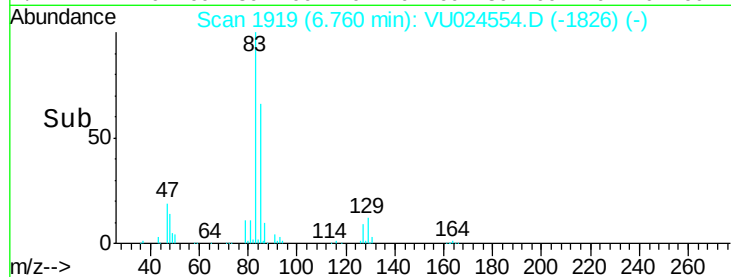
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.9	77.9
127	9.1	6.6	9.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.647 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

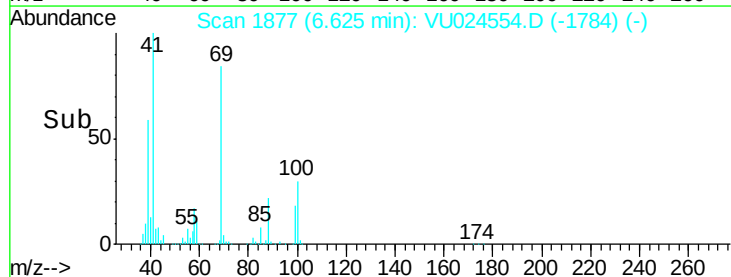
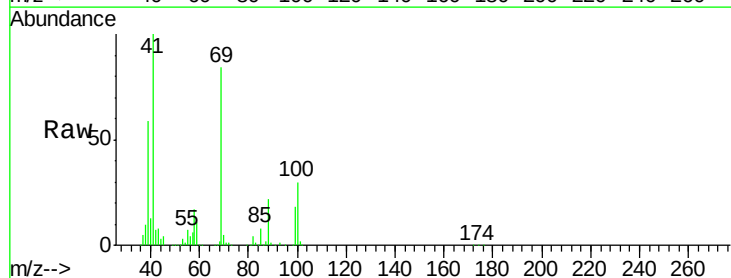
Tgt Ion: 41 Resp: 138170

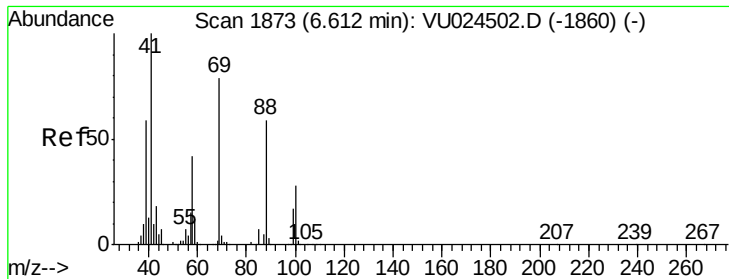
Ion	Ratio	Lower	Upper
41	100		
69	86.0	67.3	100.9
39	58.8	46.5	69.7

Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

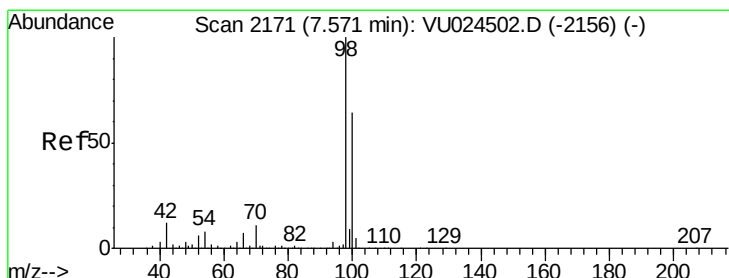
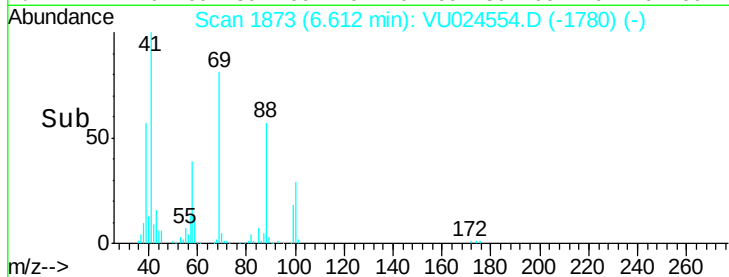
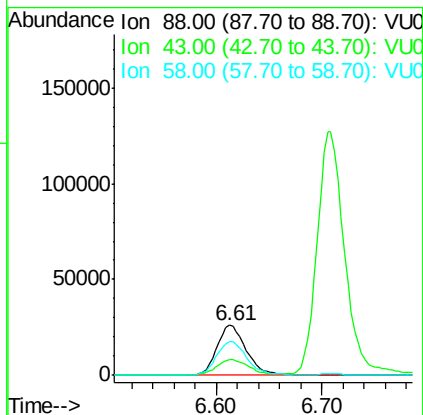
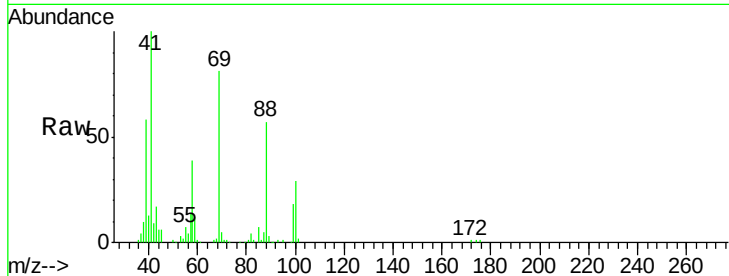




#49
 1,4-Dioxane
 Concen: 882.273 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

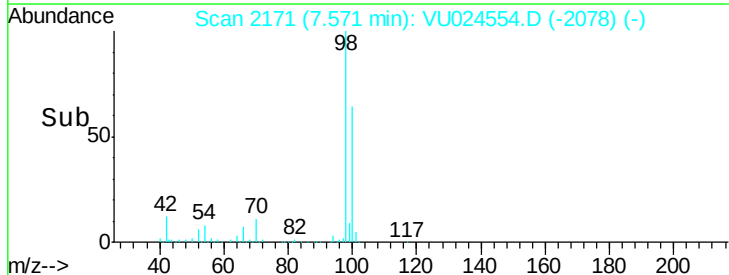
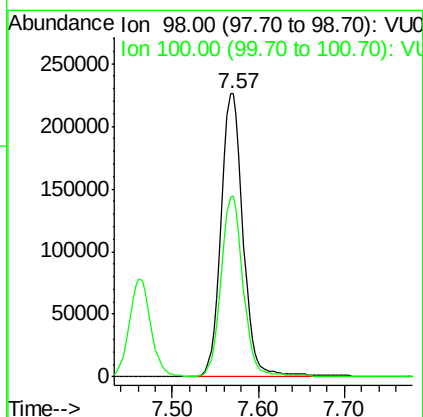
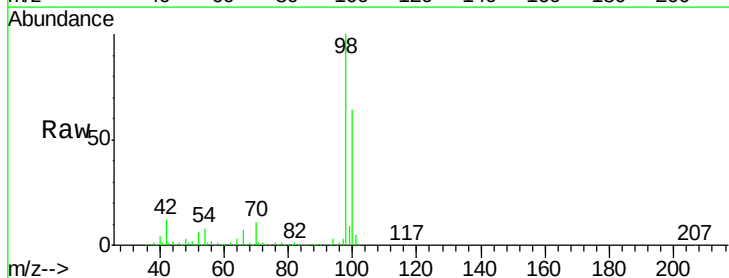
Instrument :
 MSVOA_U
 ClientSampleId :

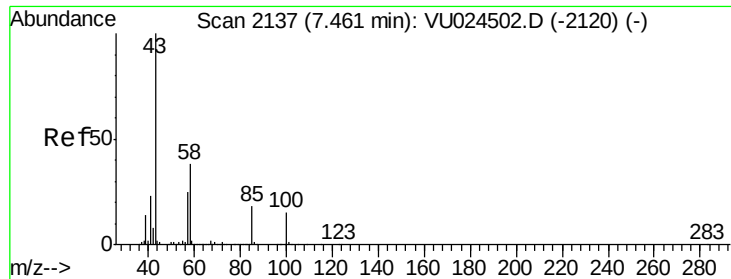
Tot Ion: 88 Resp: 50034
 Ion Ratio Lower Upper
 88 100
 43 31.3 28.6 42.8
 58 71.0 58.2 87.4



#50
 Toluene-d8
 Concen: 49.928 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion: 98 Resp: 406576
 Ion Ratio Lower Upper
 98 100
 100 63.1 51.1 76.7

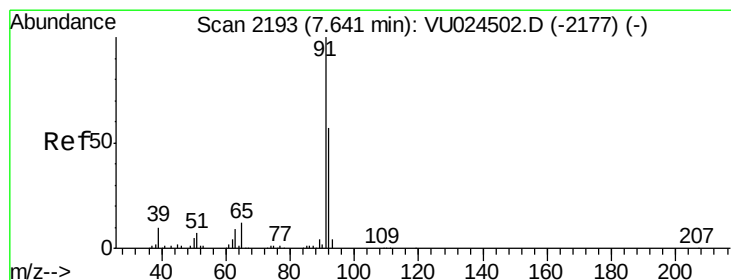
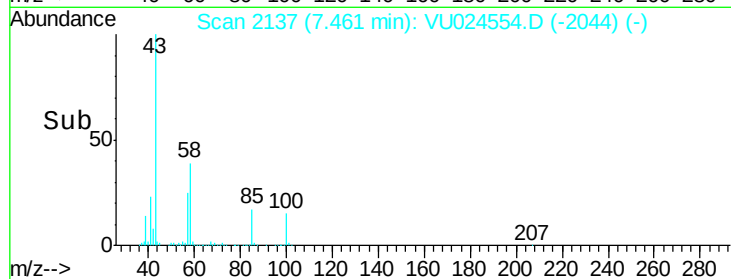
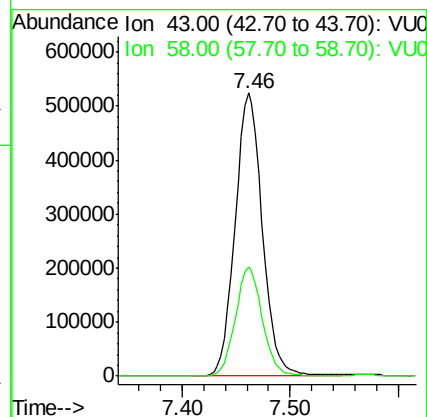
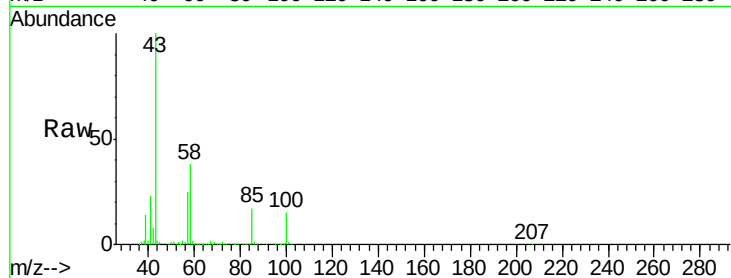




#51
 4-Methyl-2-Pentanone
 Concen: 246.277 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

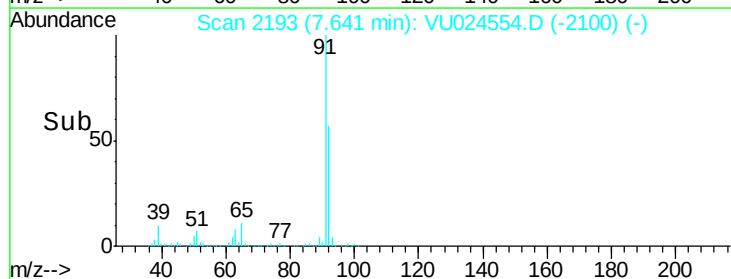
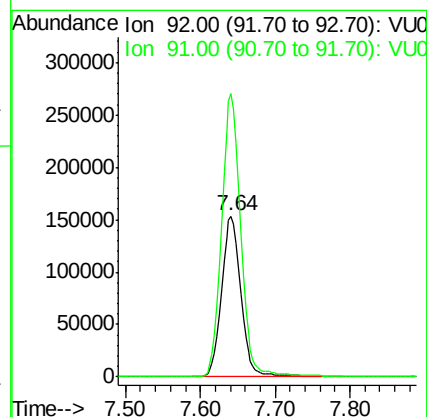
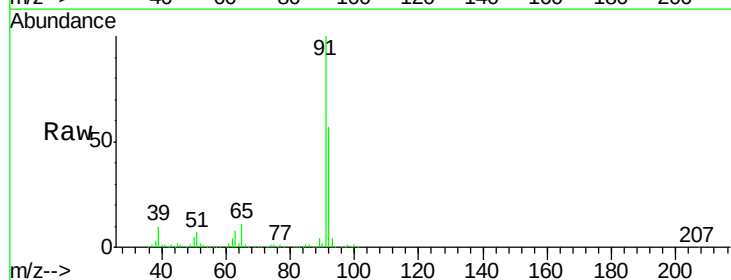
Instrument :
 MSVOA_U
 ClientSampled :

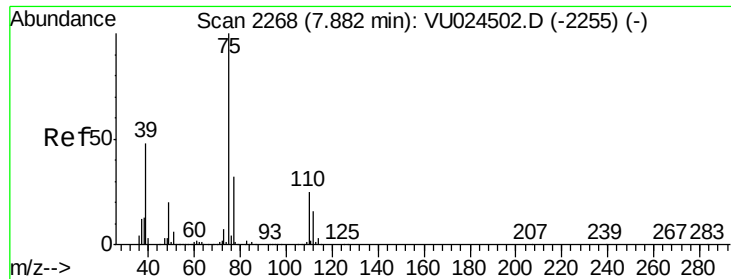
Tot Ion: 43 Resp: 921419
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.0 45.0



#52
 Toluene
 Concen: 47.723 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion: 92 Resp: 276549
 Ion Ratio Lower Upper
 92 100
 91 174.6 140.5 210.7

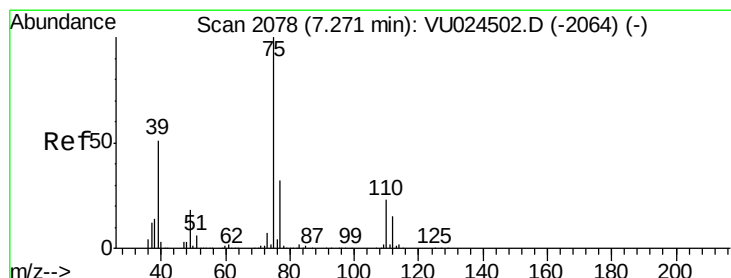
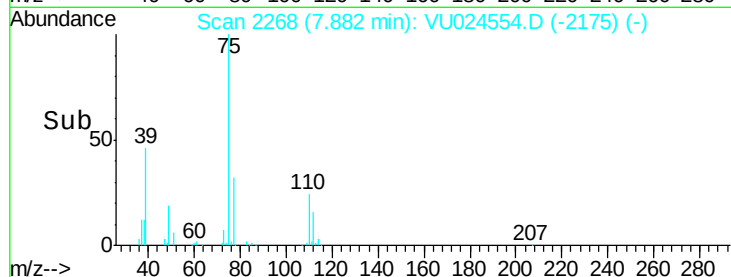
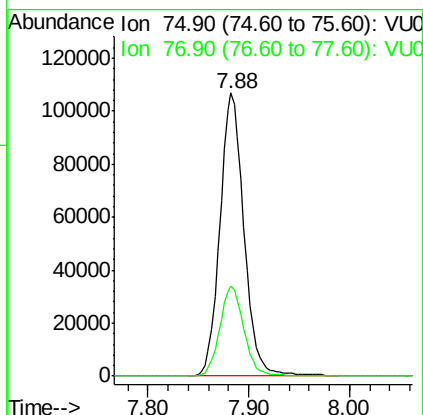
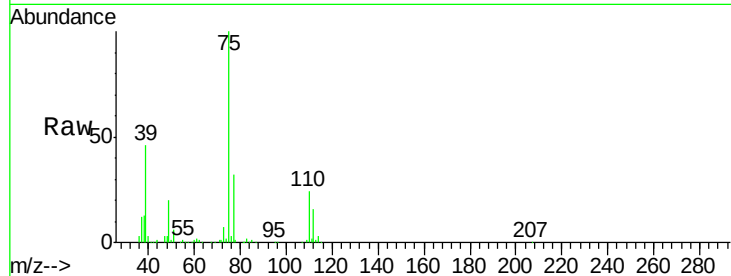




#53
t-1,3-Dichloropropene
Concen: 47.115 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

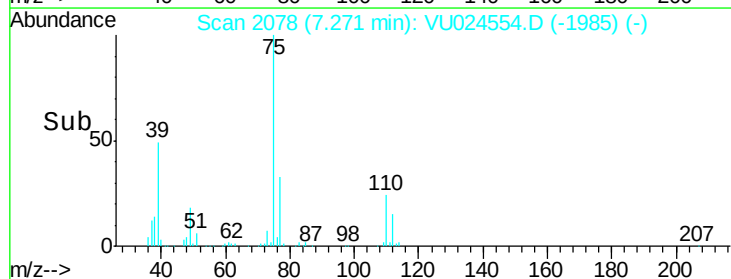
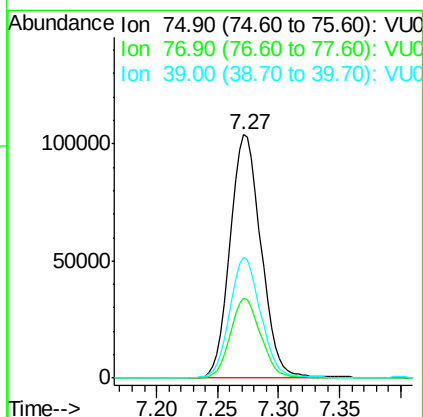
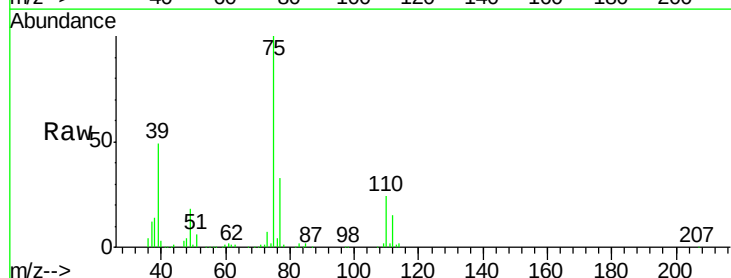
Instrument :
MSVOA_U
ClientSampled :

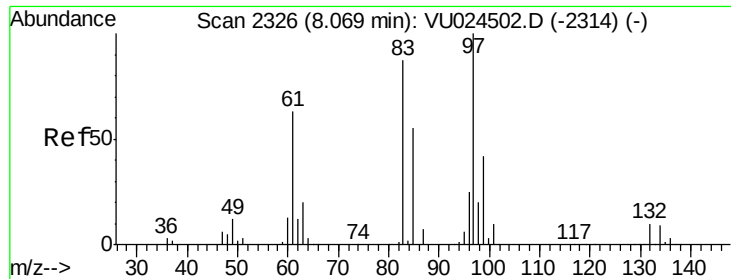
Tot Ion: 75 Resp: 177857
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 45.956 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 75 Resp: 184856
Ion Ratio Lower Upper
75 100
77 32.9 24.6 36.8
39 49.1 39.8 59.6

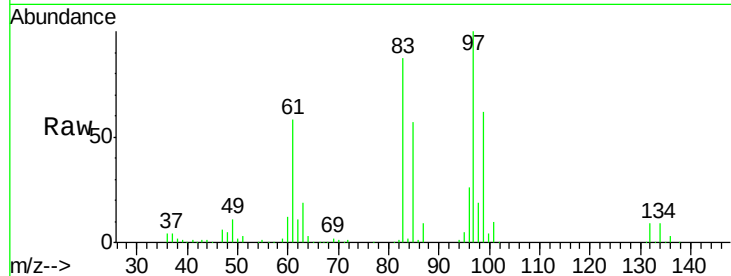




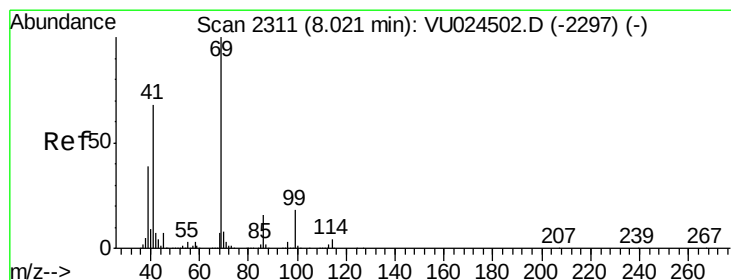
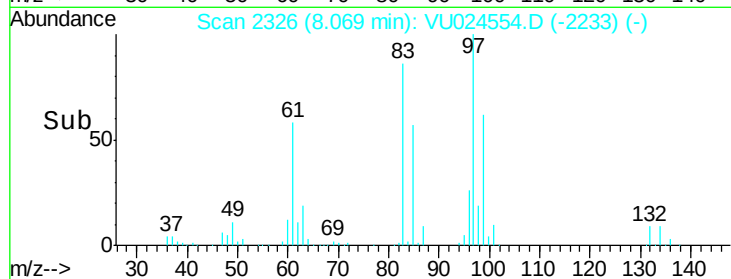
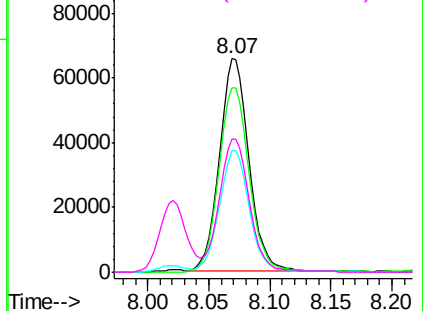
#55
 1,1,2-Trichloroethane
 Concen: 47.618 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	97	Resp:	112166
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.5	105.7
85	56.7	46.4	69.6
99	62.4	50.2	75.2

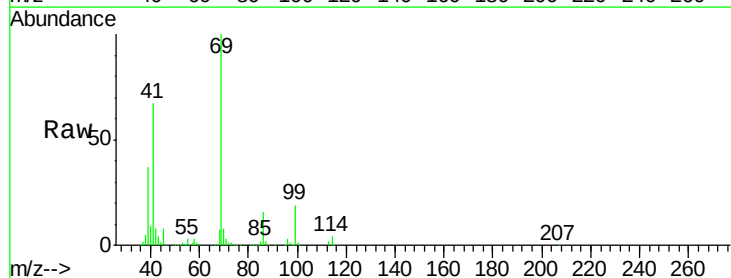


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

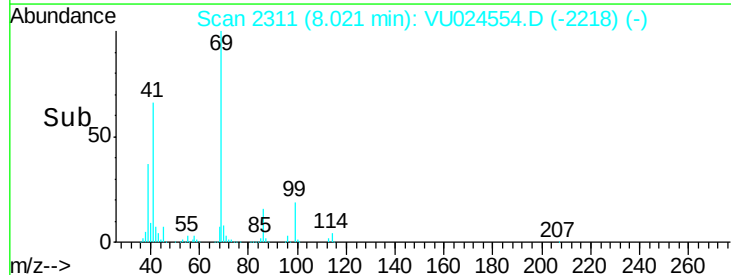
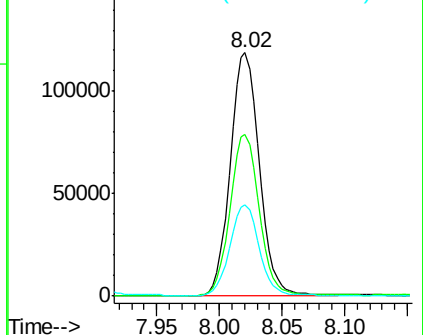


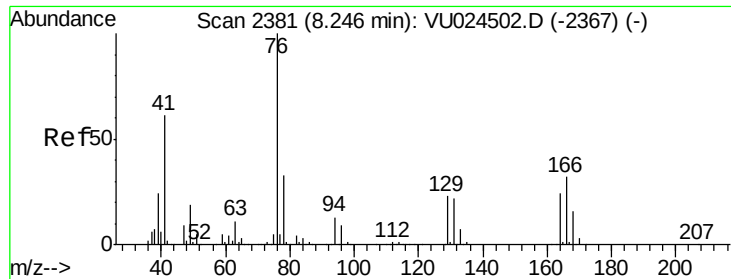
#56
 Ethyl methacrylate
 Concen: 48.960 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion:	69	Resp:	193028
Ion	Ratio	Lower	Upper
69	100		
41	66.3	54.1	81.1
39	36.8	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

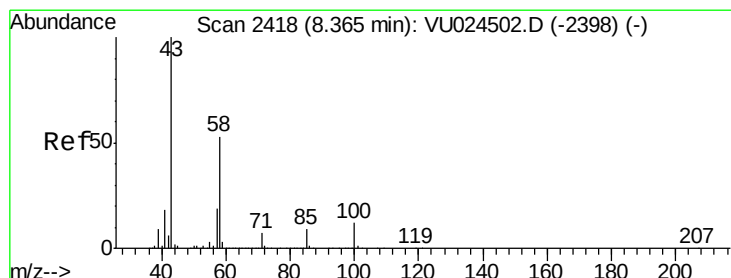
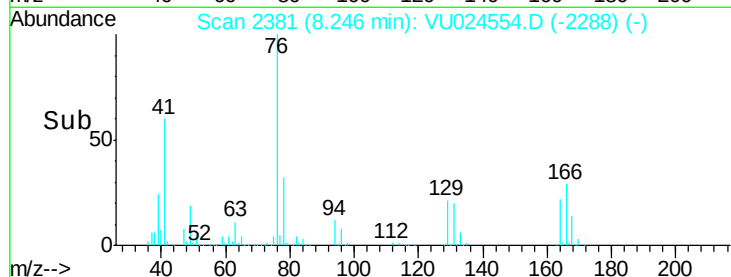
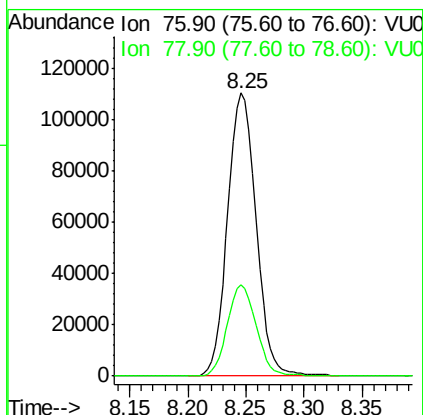
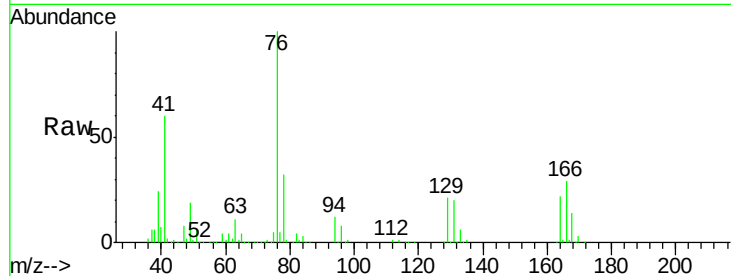




#57
 1,3-Dichloropropane
 Concen: 47.596 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

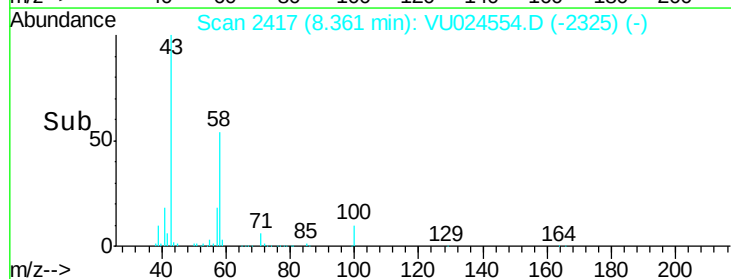
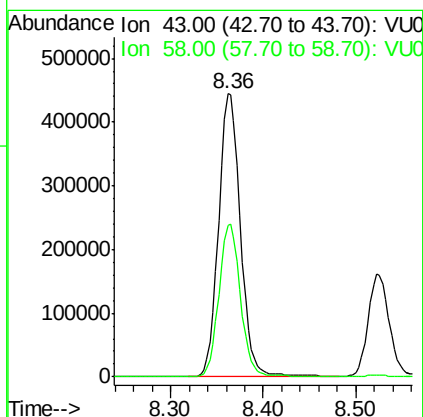
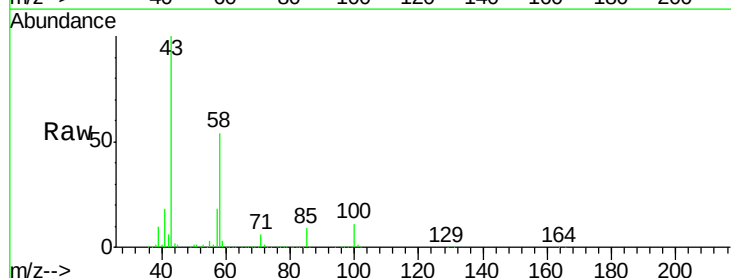
Instrument :
 MSVOA_U
 ClientSampleId :

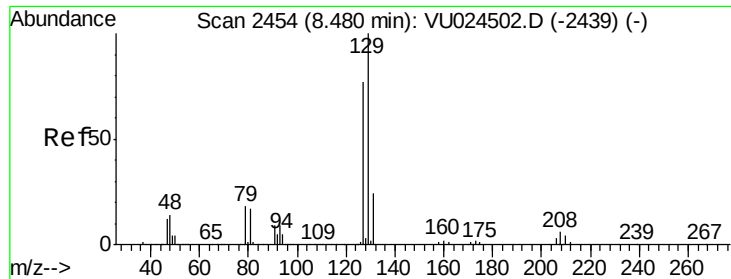
Tot Ion: 76 Resp: 189127
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.2 37.8



#59
 2-Hexanone
 Concen: 237.351 ug/l
 RT: 8.36 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion: 43 Resp: 724988
 Ion Ratio Lower Upper
 43 100
 58 53.6 26.4 79.0





#60

Dibromochloromethane

Concen: 46.619 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

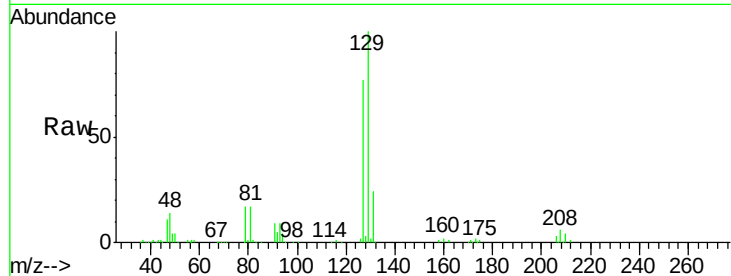
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 136935

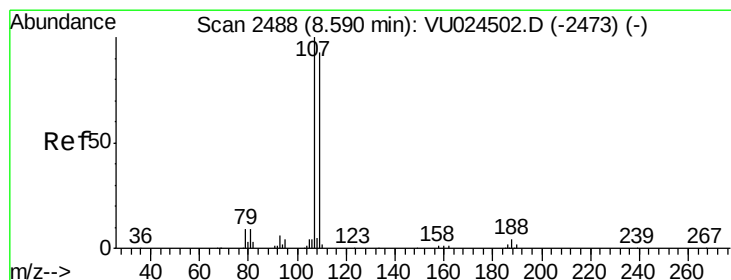
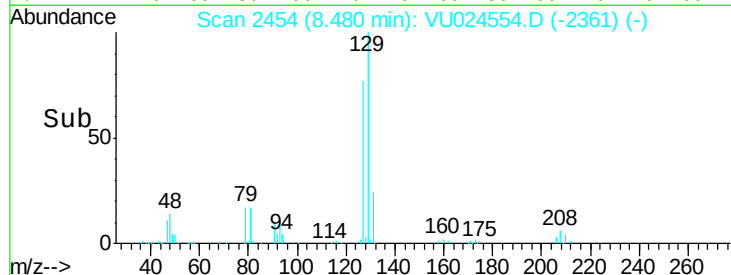
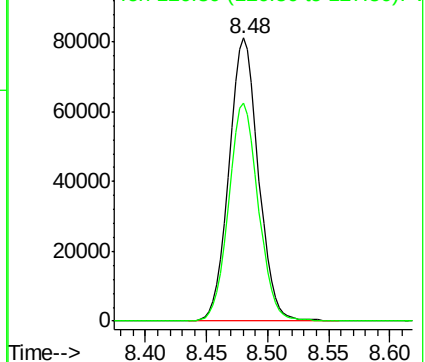
Ion Ratio Lower Upper

129 100

127 77.8 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: 47.937 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024554.D

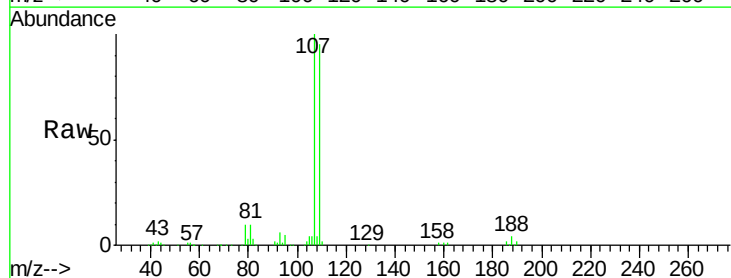
Acq: 14 Jun 2018 20:45

Tgt Ion:107 Resp: 125679

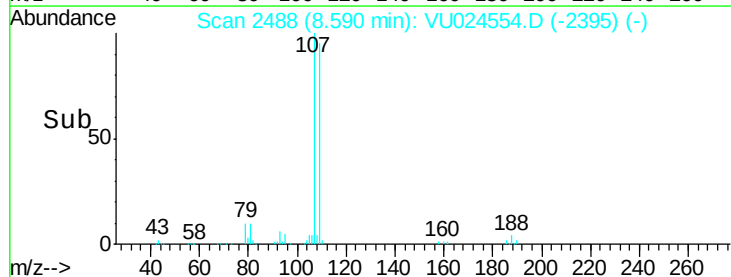
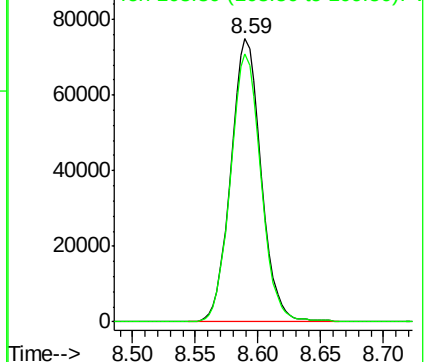
Ion Ratio Lower Upper

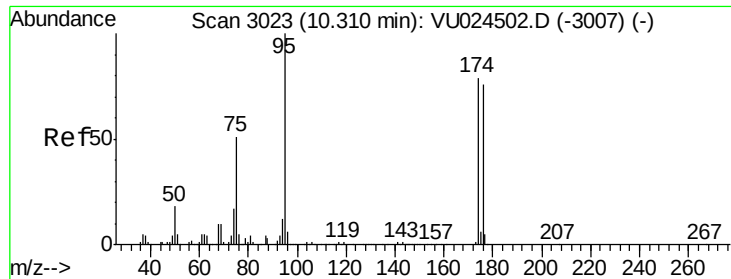
107 100

109 95.2 74.5 111.7



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

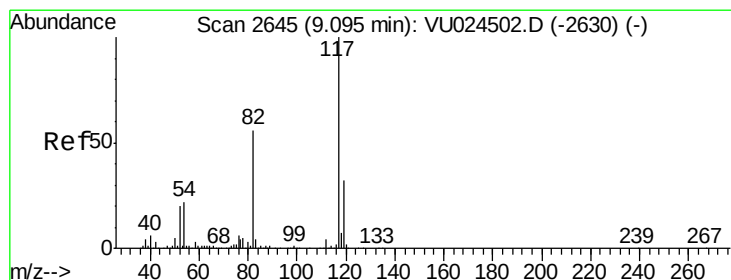
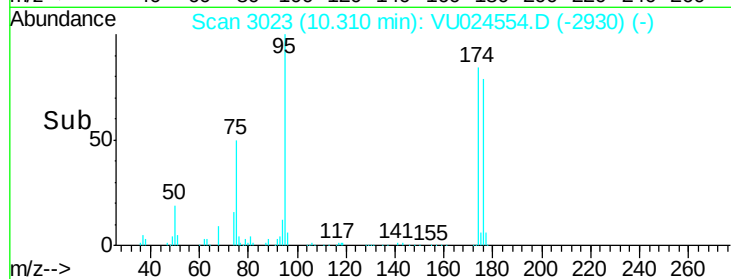
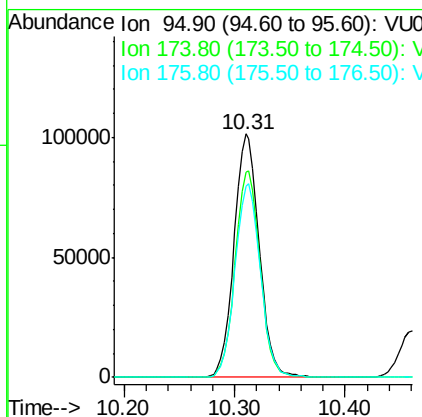
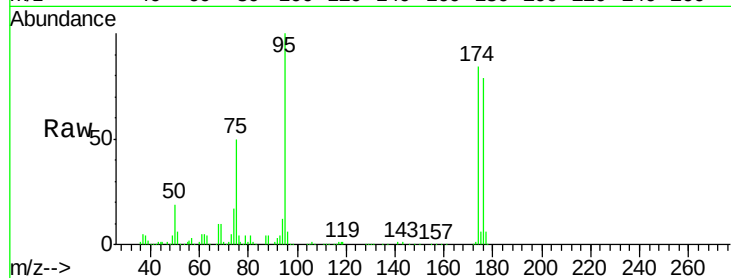




#62
4-Bromofluorobenzene
Concen: 49.656 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

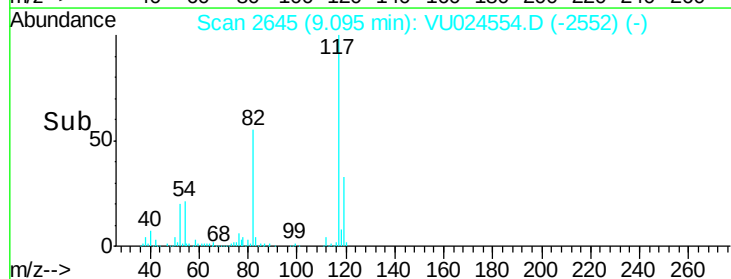
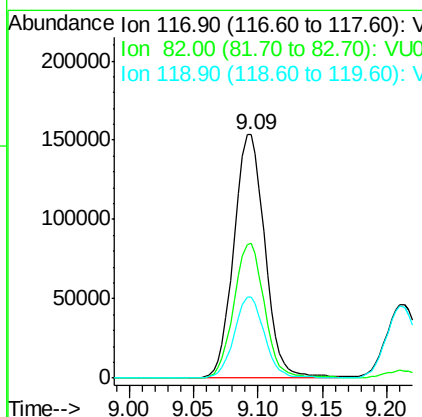
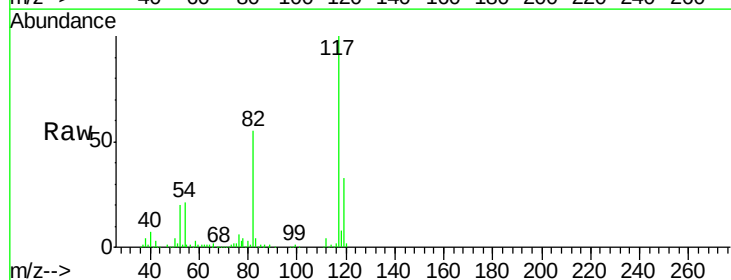
Instrument :
MSVOA_U
ClientSampleId :

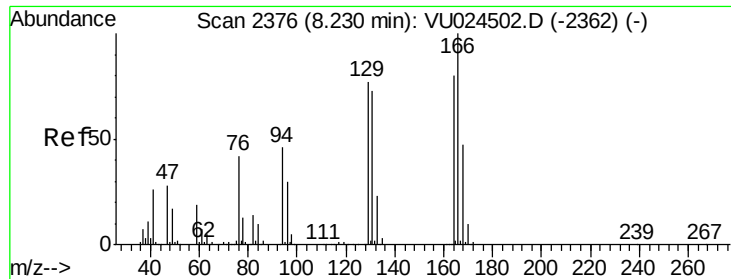
Tot Ion: 95 Resp: 160549
Ion Ratio Lower Upper
95 100
174 83.8 0.0 165.8
176 79.9 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 117 Resp: 257611
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 33.5 25.4 38.2





#64

Tetrachloroethene

Concen: 40.440 ug/l

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 99025

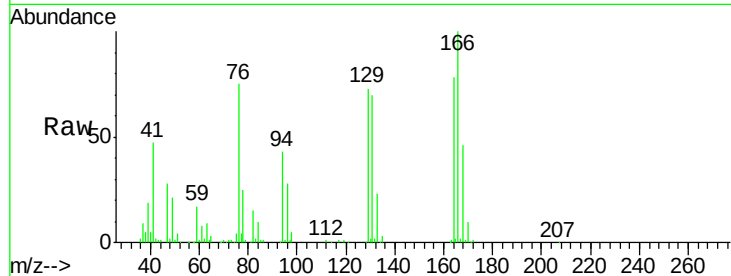
Ion Ratio Lower Upper

164 100

166 128.4 101.7 152.5

129 93.8 76.9 115.3

131 90.3 74.9 112.3

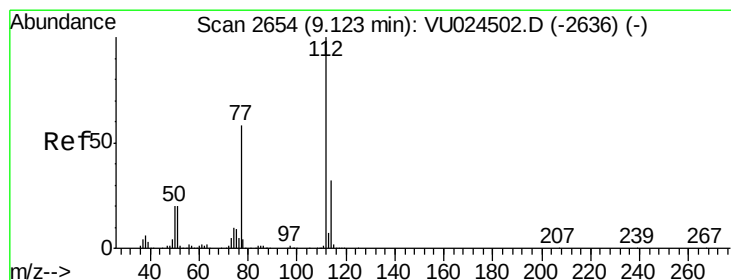
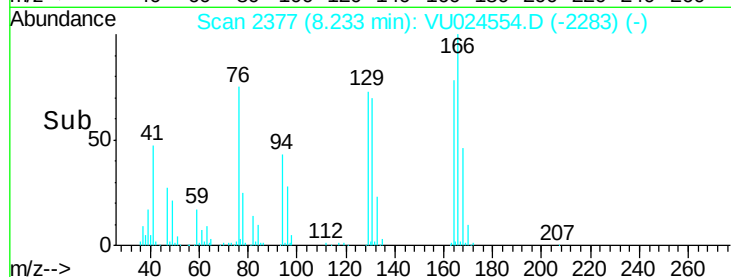
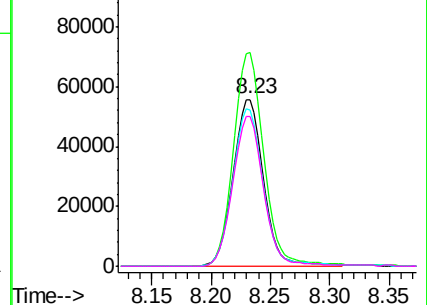


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.849 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU024554.D

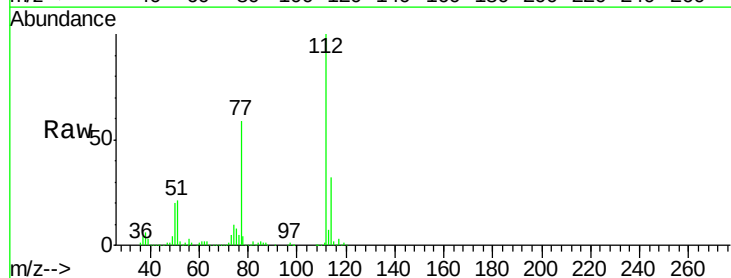
Acq: 14 Jun 2018 20:45

Tgt Ion:112 Resp: 314898

Ion Ratio Lower Upper

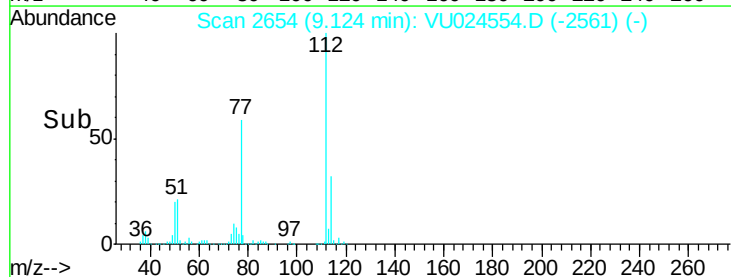
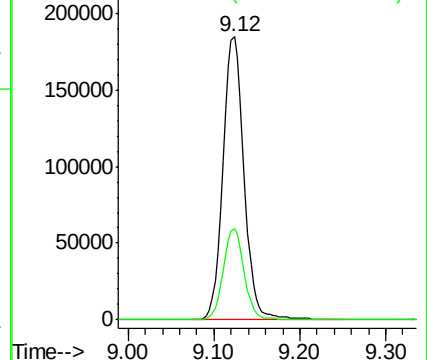
112 100

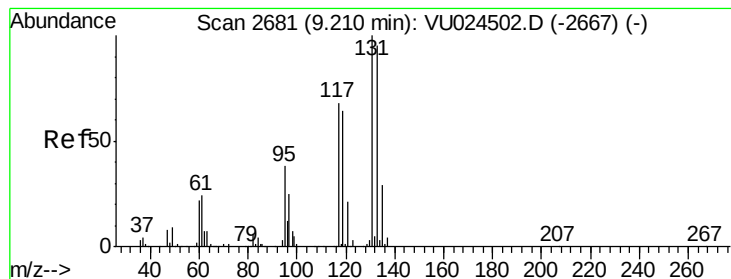
114 32.2 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 46.675 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

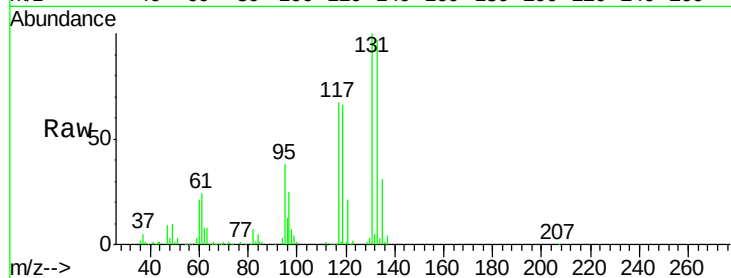
Tot Ion:131 Resp: 116701

Ion Ratio Lower Upper

131 100

133 96.5 46.9 140.8

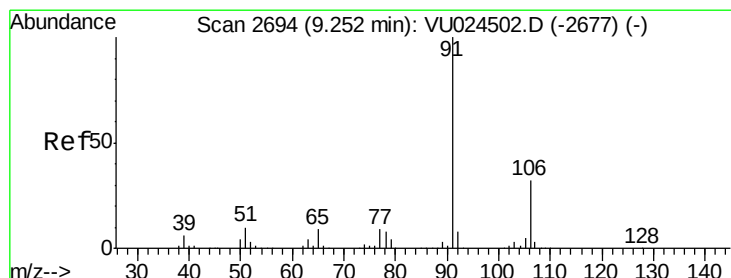
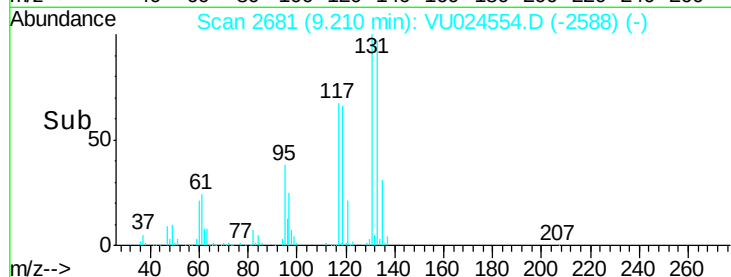
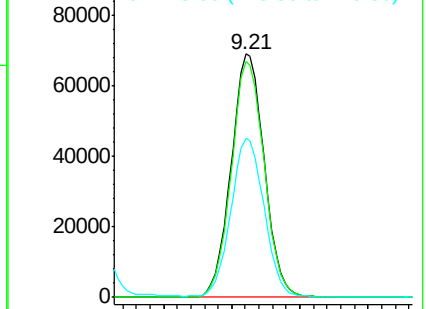
119 65.5 33.5 100.4



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: 47.052 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024554.D

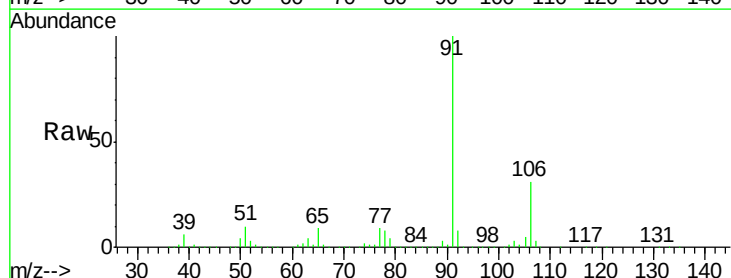
Acq: 14 Jun 2018 20:45

Tgt Ion: 91 Resp: 542845

Ion Ratio Lower Upper

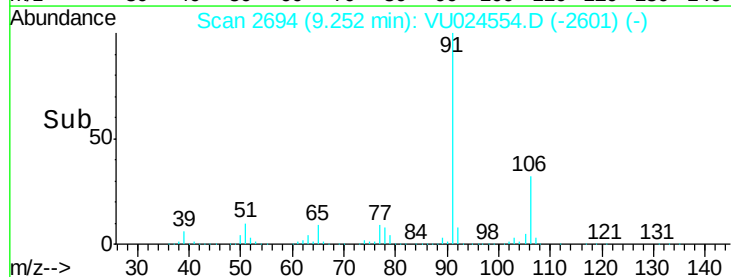
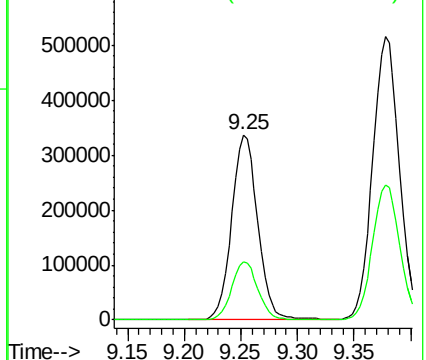
91 100

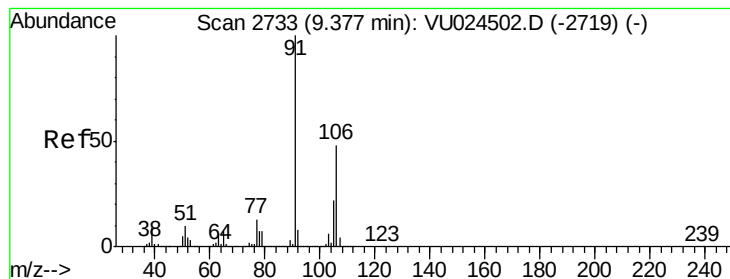
106 31.5 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 93.751 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

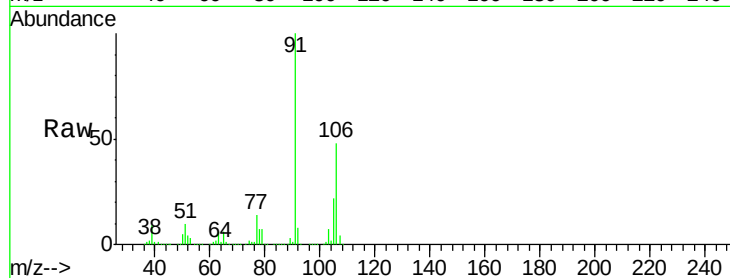
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 415336

Ion Ratio Lower Upper

106 100

91 205.6 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

600000

500000

400000

300000

200000

100000

0

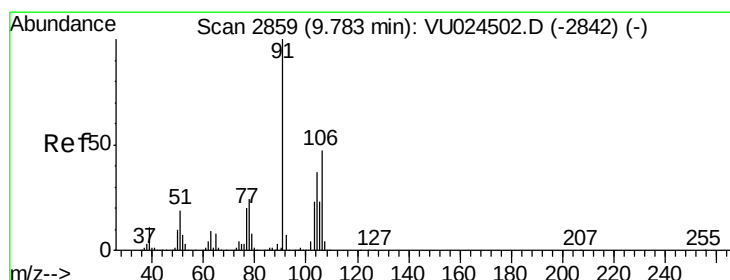
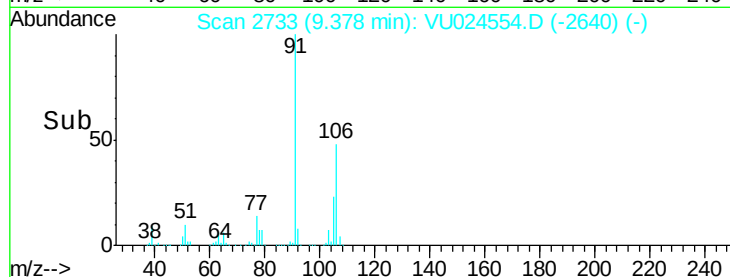
9.30

9.38

9.40

9.50

Time-->



#69

o-Xylene

Concen: 46.351 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU024554.D

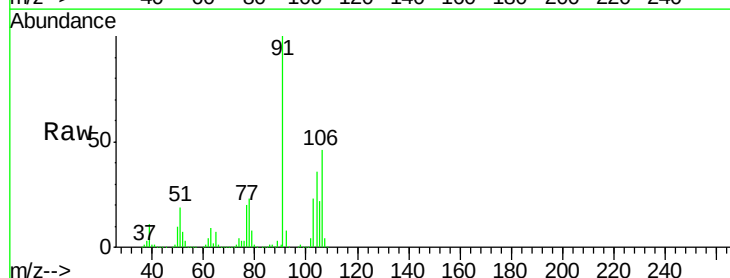
Acq: 14 Jun 2018 20:45

Tgt Ion:106 Resp: 203223

Ion Ratio Lower Upper

106 100

91 216.8 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

300000

250000

200000

150000

100000

50000

0

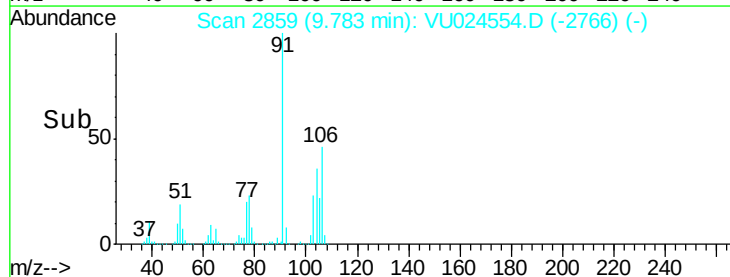
9.70

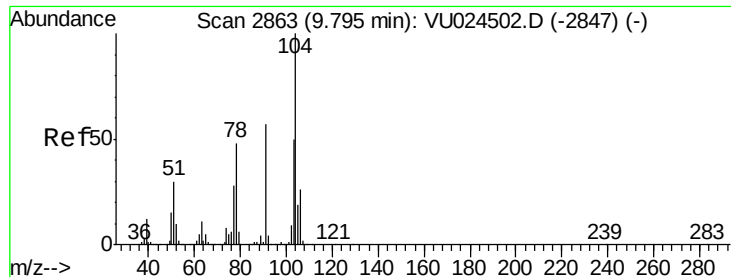
9.78

9.80

9.90

Time-->

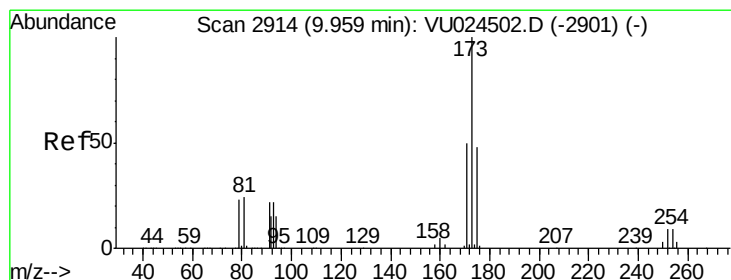
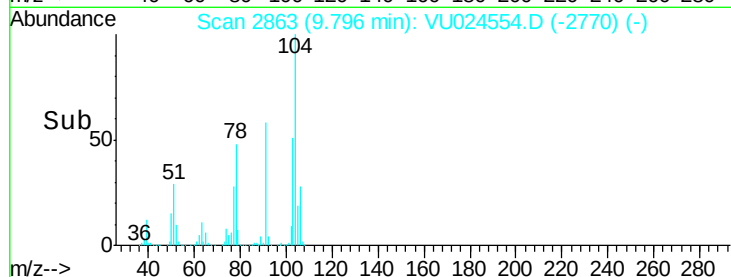
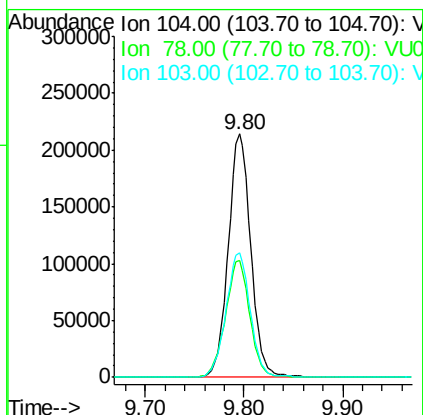
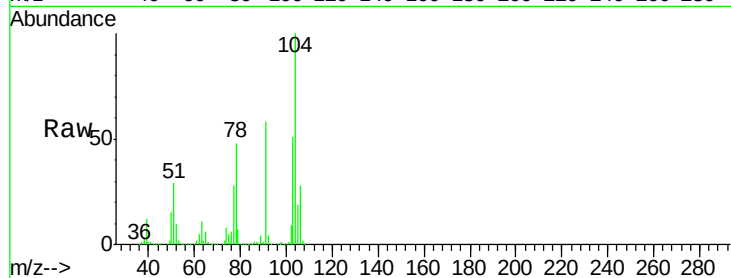




#70
Stvrene
Concen: 47.725 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

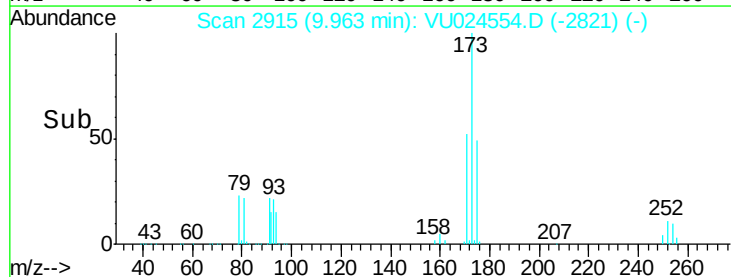
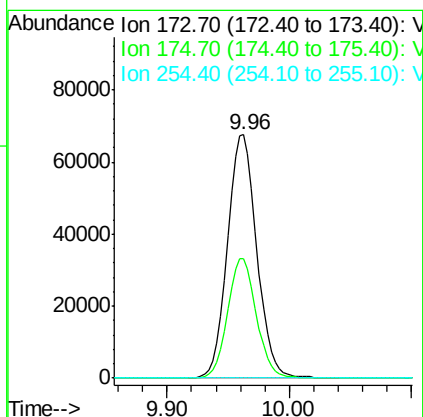
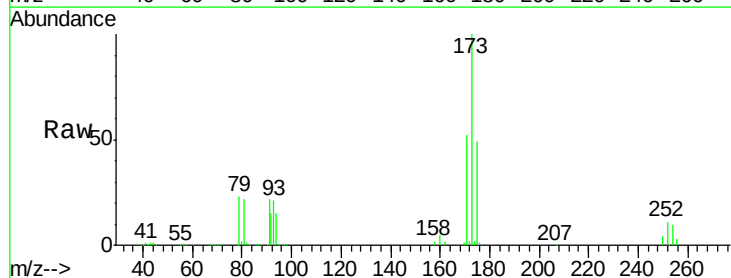
Instrument :
MSVOA_U
ClientSampleId :

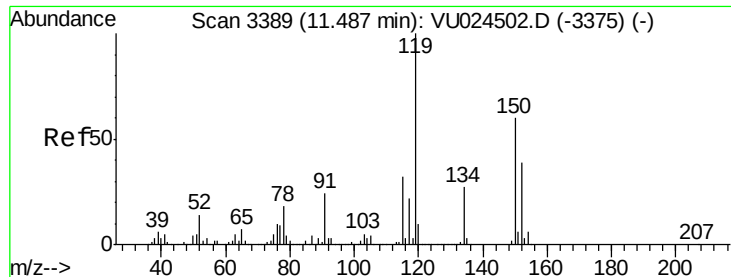
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.8	40.6	60.8
103	55.2	44.7	67.1



#71
Bromoform
Concen: 47.695 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	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: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampled :

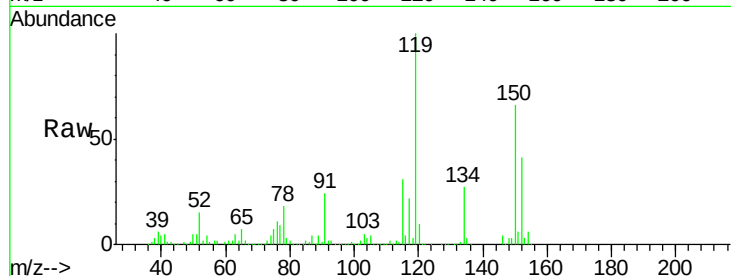
Tot Ion:152 Resp: 155640

Ion Ratio Lower Upper

152 100

115 82.7 43.0 129.0

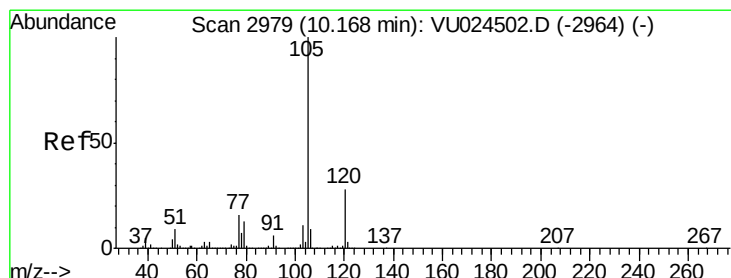
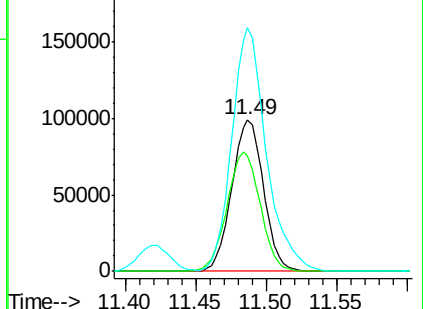
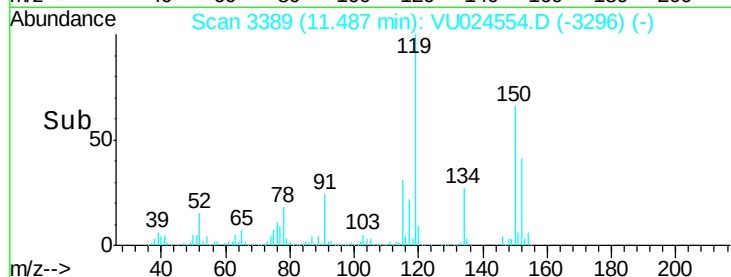
150 175.2 0.0 354.0



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: 45.646 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024554.D

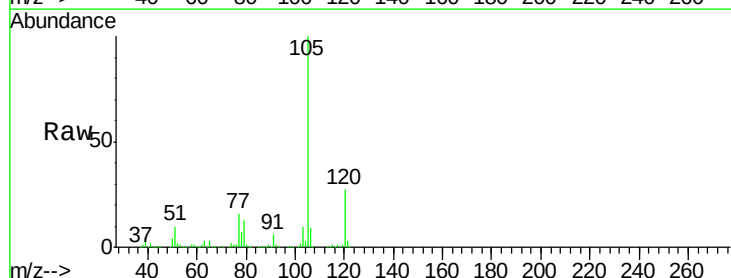
Acq: 14 Jun 2018 20:45

Tgt Ion:105 Resp: 545446

Ion Ratio Lower Upper

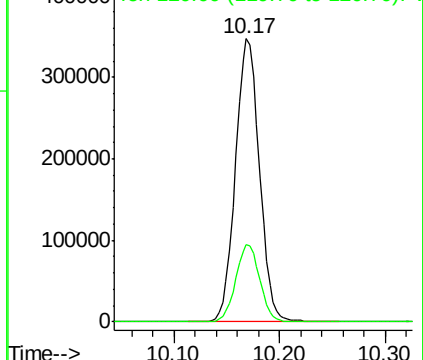
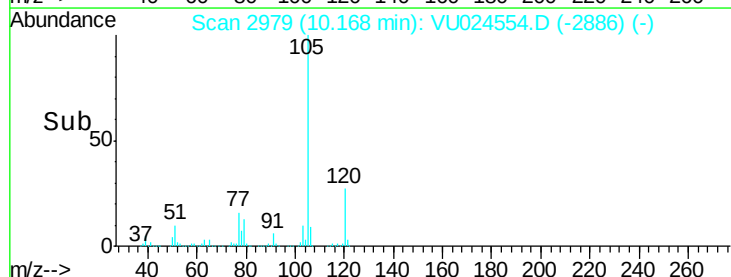
105 100

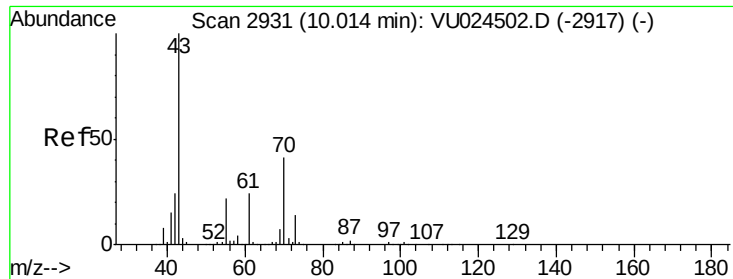
120 27.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.146 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 43 Resp: 262281

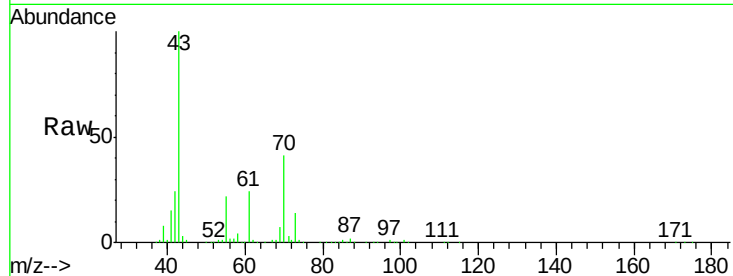
Ion Ratio Lower Upper

43 100

70 40.5 32.2 48.4

55 22.0 20.5 30.7

61 23.8 18.7 28.1

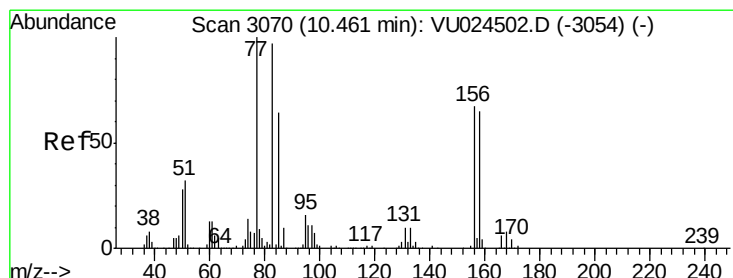
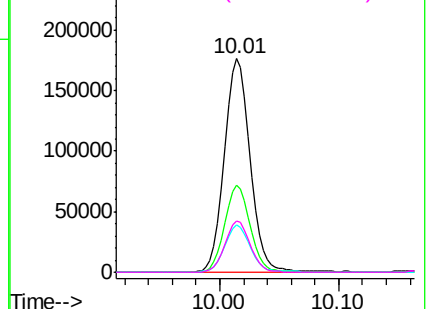
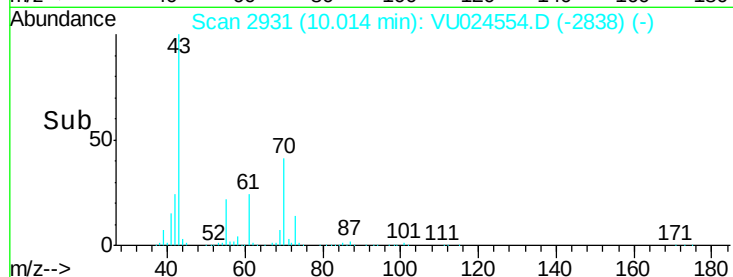


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 48.588 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

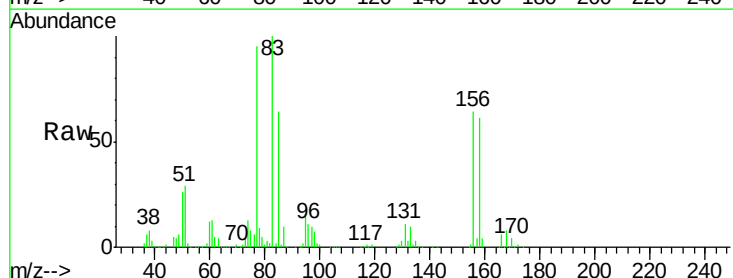
Tgt Ion: 83 Resp: 194559

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

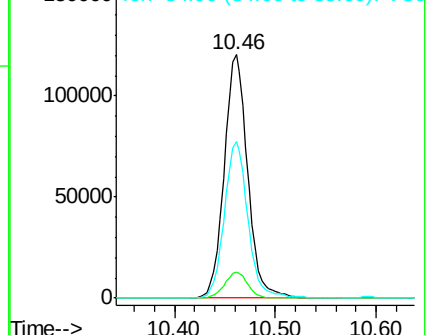
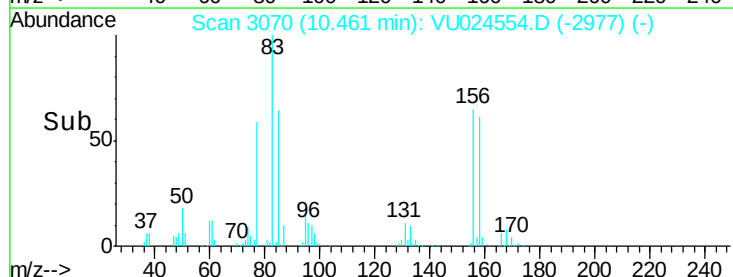
85 64.9 32.5 97.5

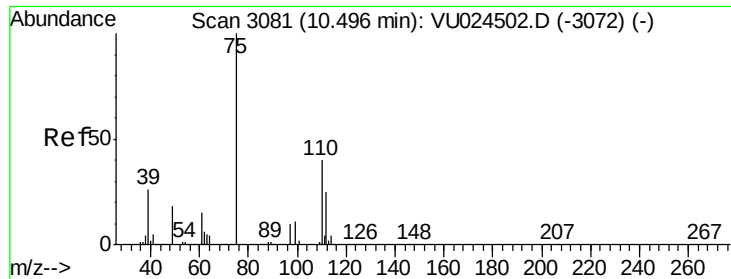


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0

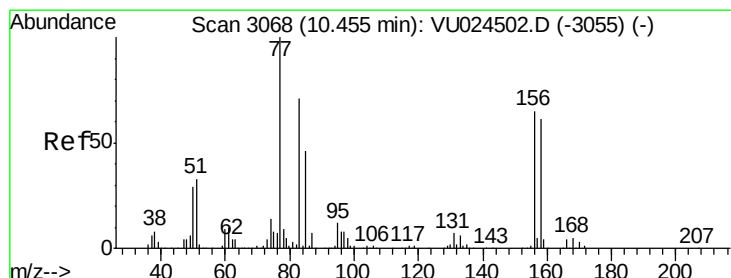
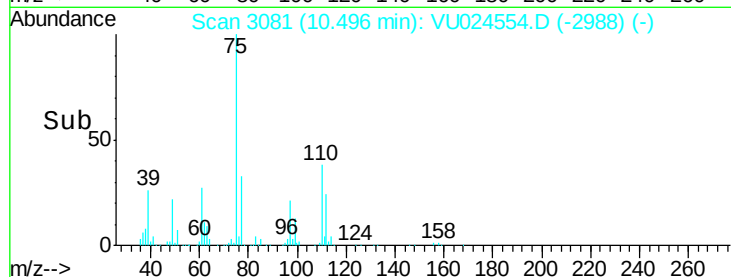
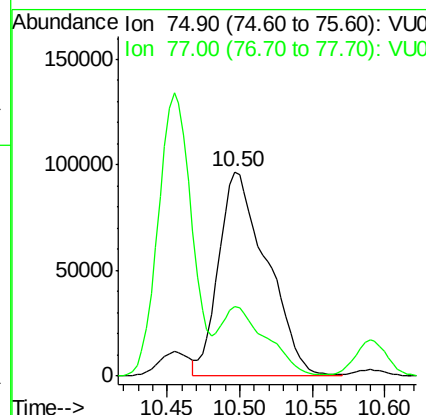
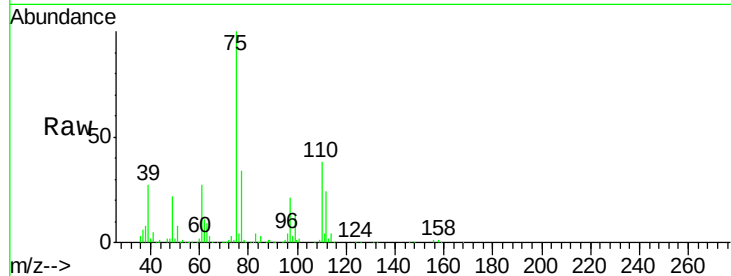




#76
 1,2,3-Trichloropropane
 Concen: 65.309 ug/l
 RT: 10.50 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

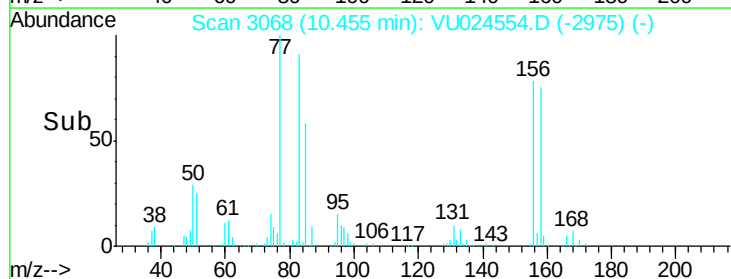
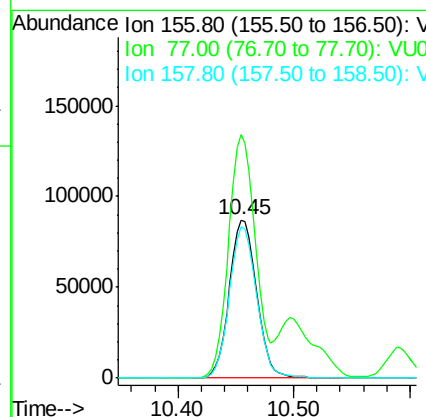
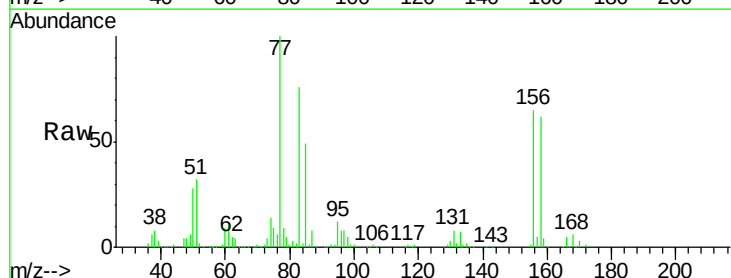
Instrument :
 MSVOA_U
 ClientSampled :

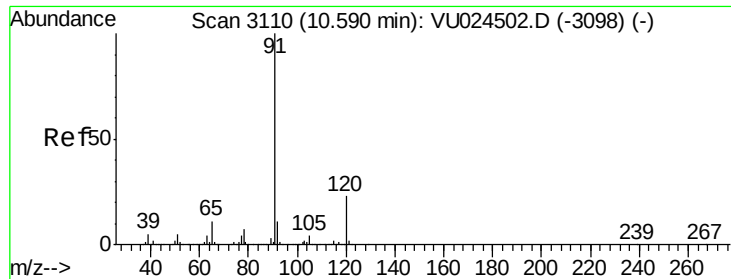
Tot Ion: 75 Resp: 223789
 Ion Ratio Lower Upper
 75 100
 77 30.9 20.9 62.7



#77
 Bromobenzene
 Concen: 46.988 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion: 156 Resp: 142146
 Ion Ratio Lower Upper
 156 100
 77 152.5 80.5 241.3
 158 95.5 48.2 144.6

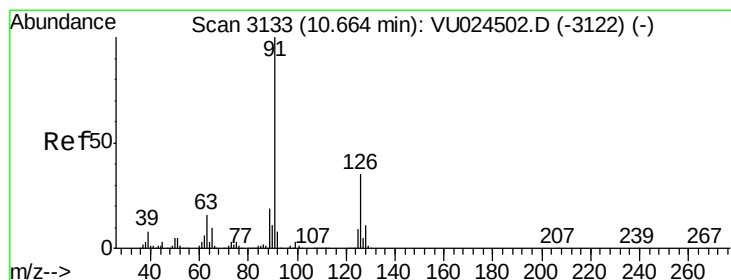
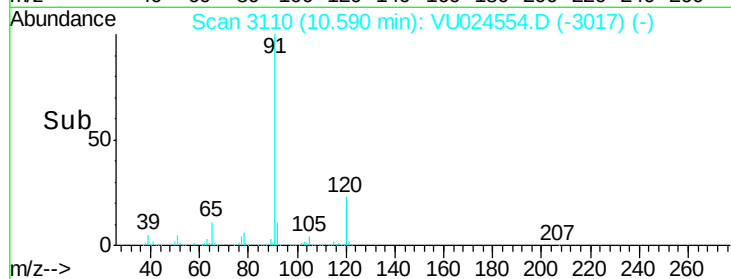
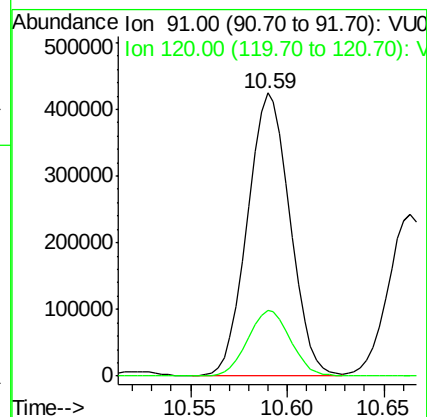
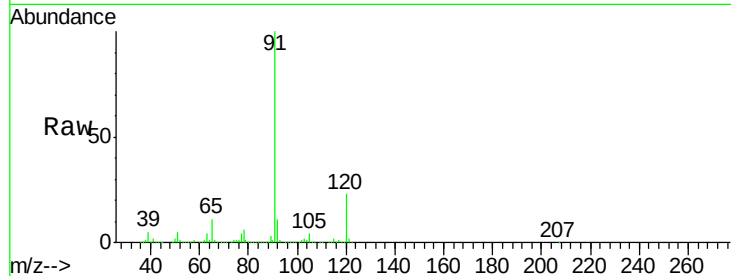




#78
n-propylbenzene
Concen: 46.153 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

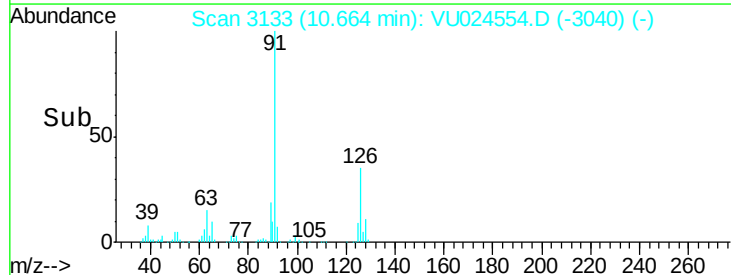
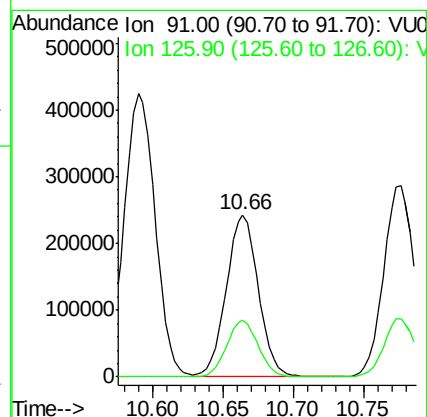
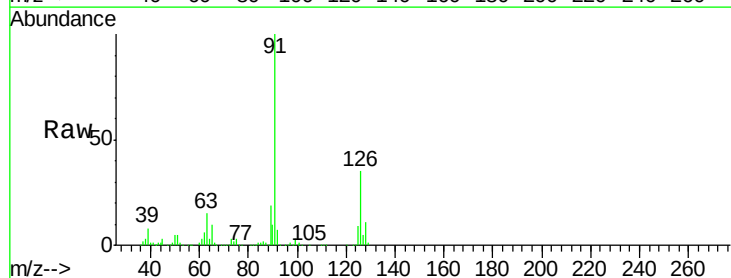
Instrument :
MSVOA_U
ClientSampleId :

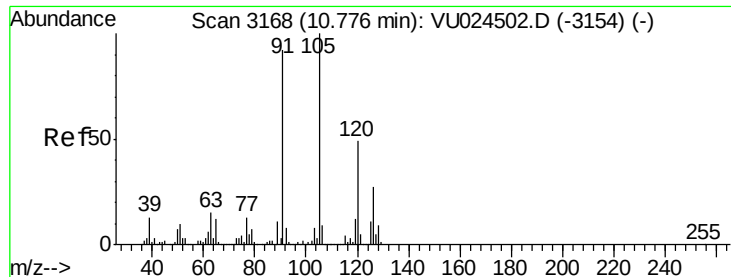
Tot Ion: 91 Resp: 649660
Ion Ratio Lower Upper
91 100
120 23.4 11.2 33.5



#79
2-Chlorotoluene
Concen: 46.171 ug/l
RT: 10.66 min Scan# 3133
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 91 Resp: 383266
Ion Ratio Lower Upper
91 100
126 34.6 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 45.258 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

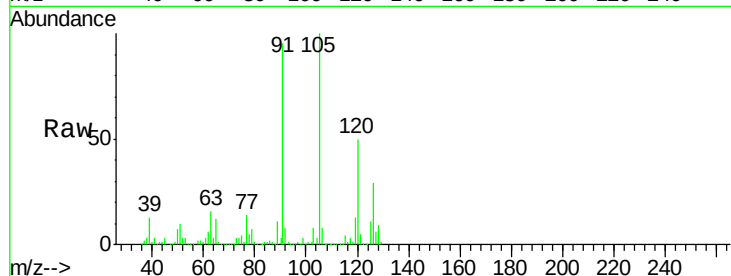
ClientSampleId :

Tot Ion:105 Resp: 468737

Ion Ratio Lower Upper

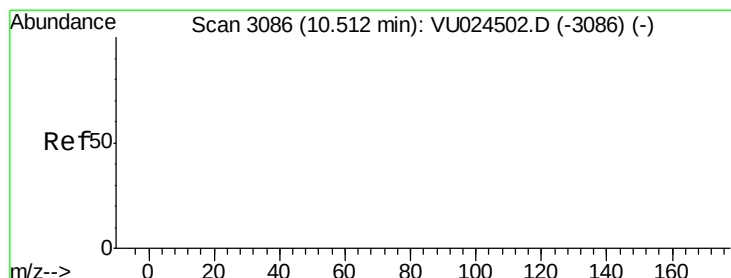
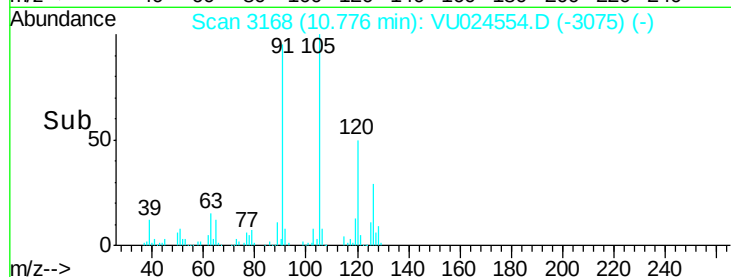
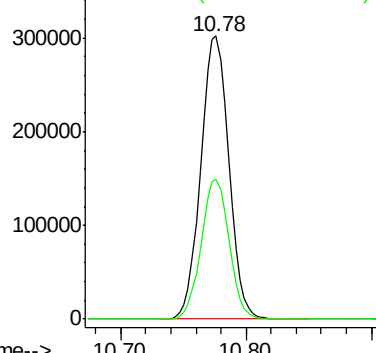
105 100

120 49.0 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: 151.152 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

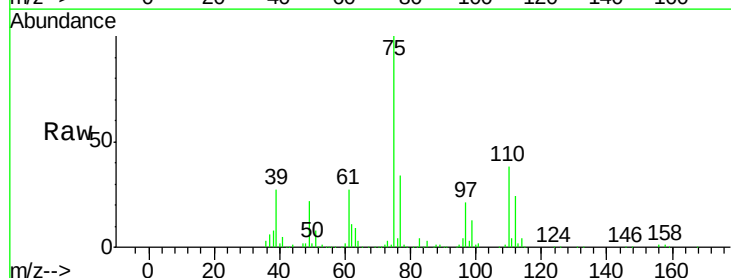
Tgt Ion: 75 Resp: 223789

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

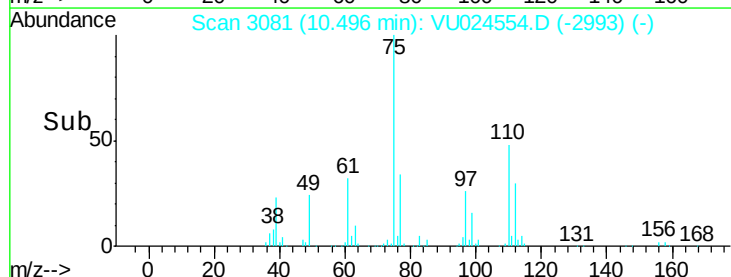
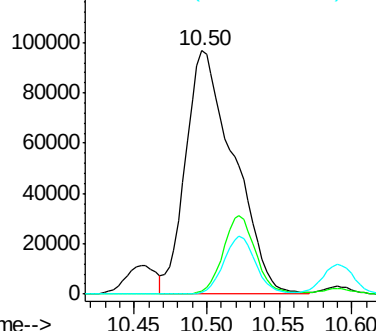
89 0.0 0.0 0.0

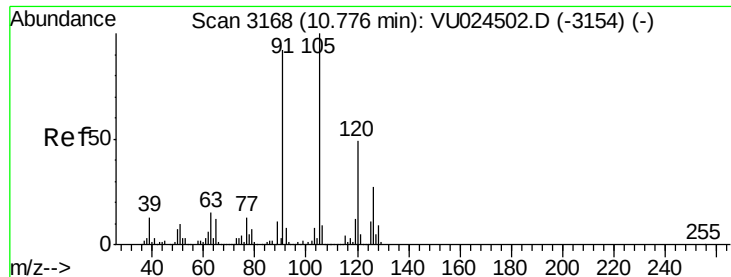


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#82

4-Chlorotoluene

Concen: 46.319 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

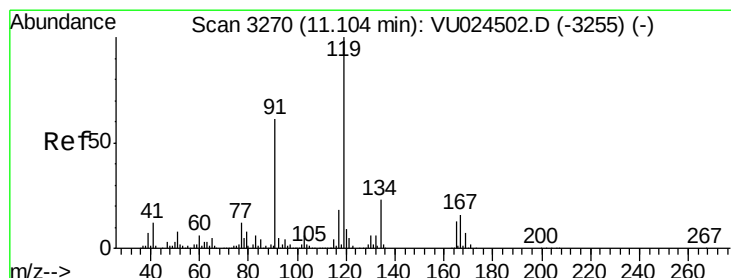
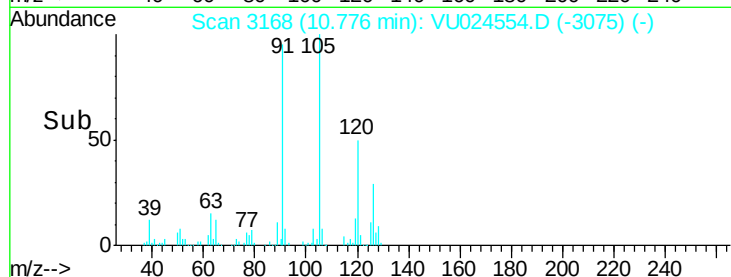
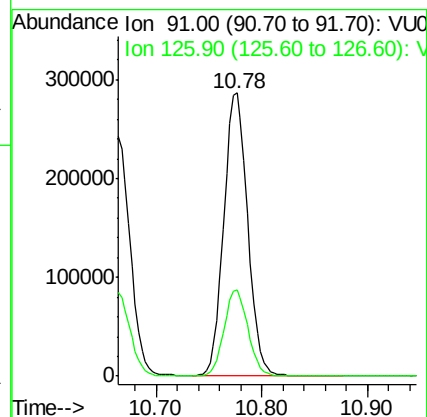
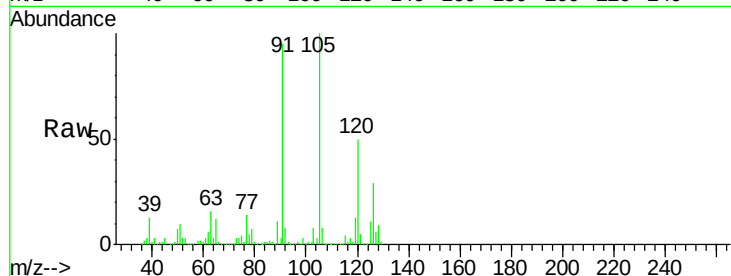
ClientSampleId :

Tot Ion: 91 Resp: 447511

Ion Ratio Lower Upper

91 100

126 30.6 14.9 44.9



#83

tert-Butylbenzene

Concen: 46.704 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

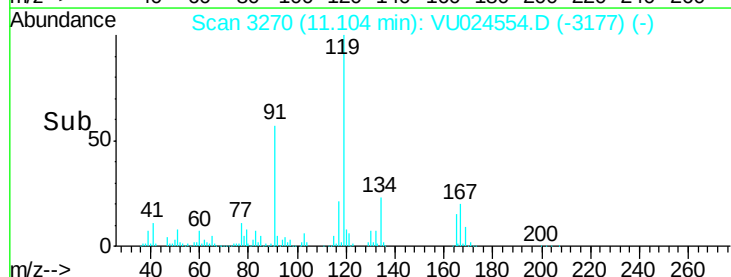
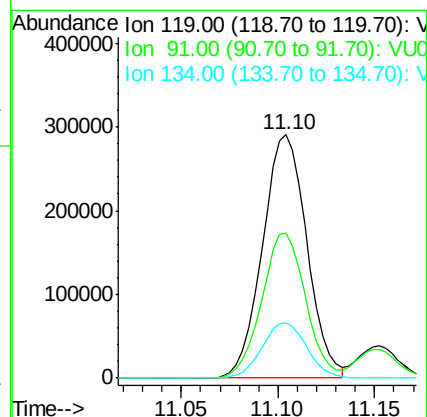
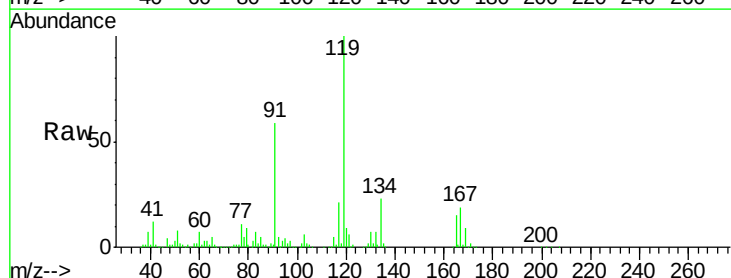
Tgt Ion: 119 Resp: 465296

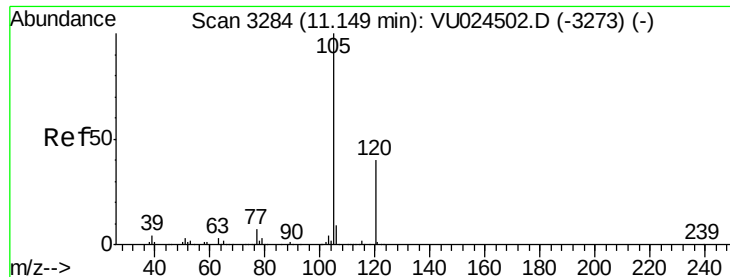
Ion Ratio Lower Upper

119 100

91 58.9 29.7 89.1

134 22.9 11.6 34.7

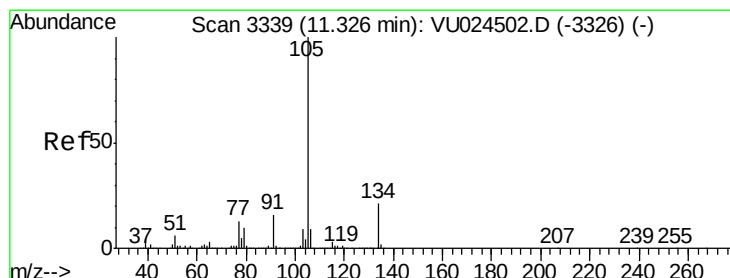
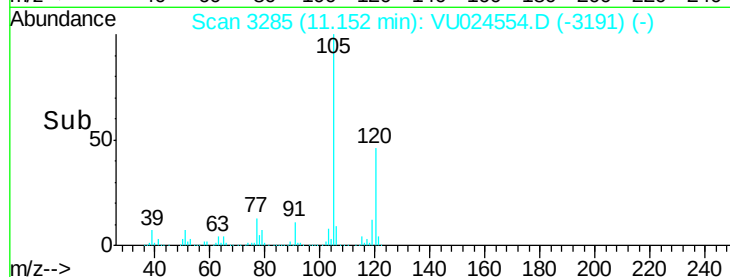
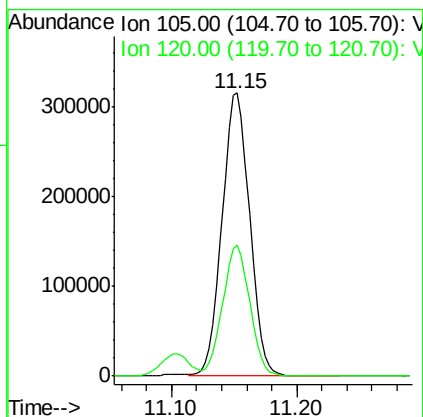
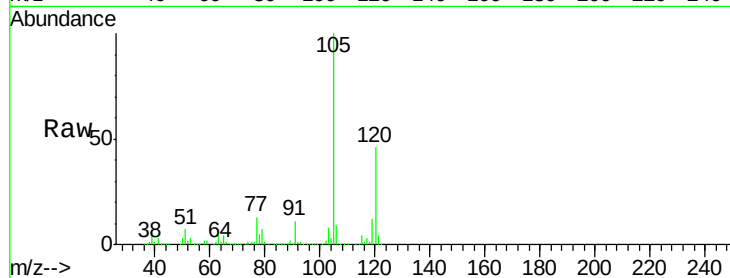




#84
 1,2,4-Trimethylbenzene
 Concen: 45.520 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

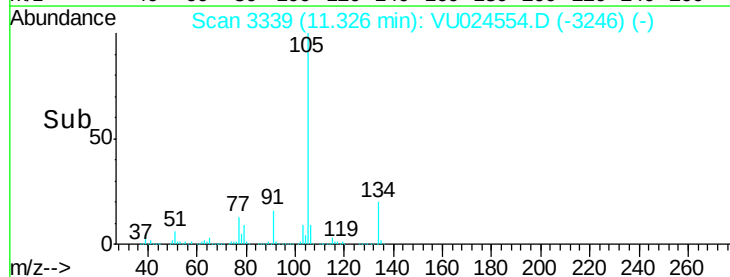
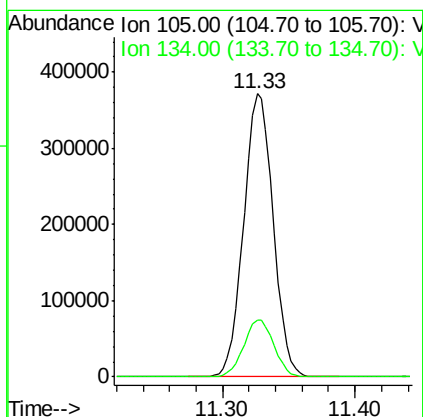
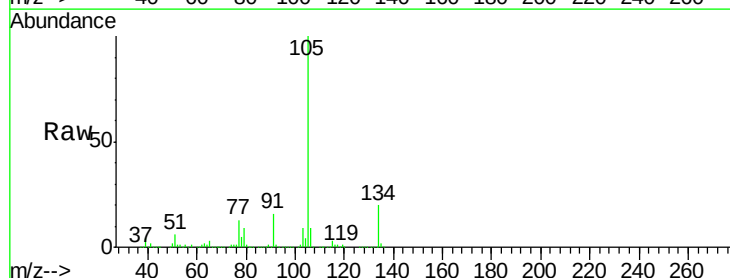
Instrument :
 MSVOA_U
 ClientSampleId :

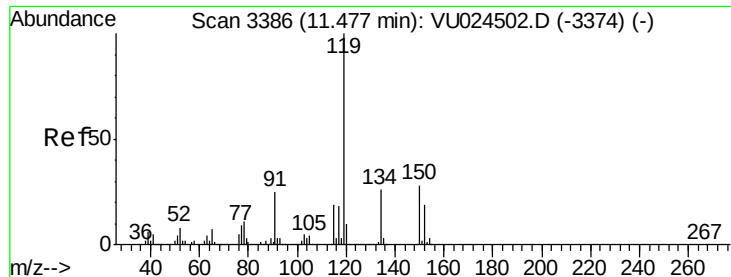
Tot Ion:105 Resp: 480456
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 45.937 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion:105 Resp: 572864
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.7 29.1





#86

p-Isopropyltoluene

Concen: 45.075 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024554.D

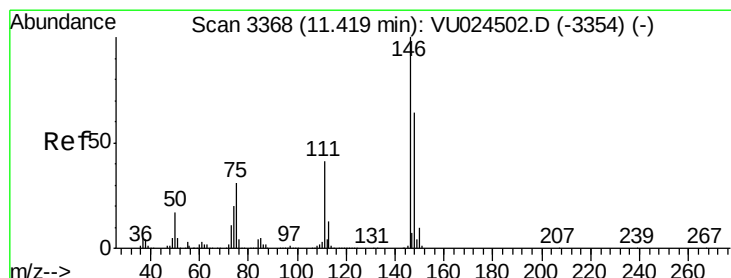
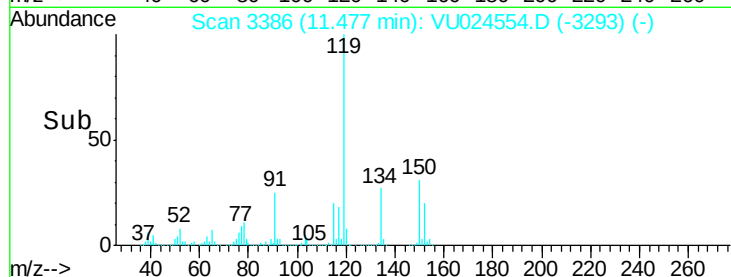
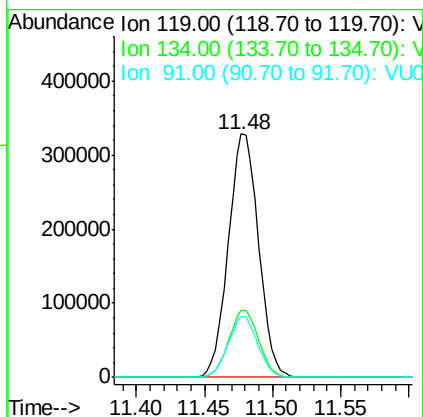
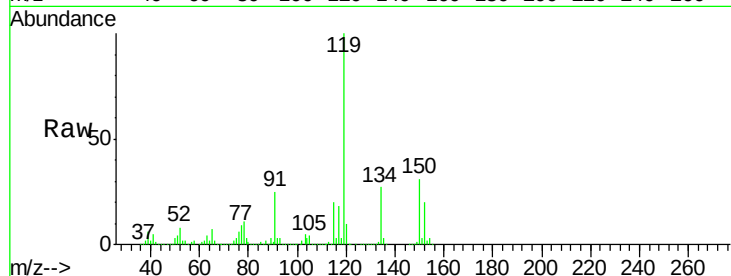
Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampled :

Tot Ion:119	Resp:	503435
Ion Ratio	Lower	Upper
119	100	
134	27.3	12.9 38.6
91	24.4	12.0 36.1



#87

1,3-Dichlorobenzene

Concen: 46.481 ug/l

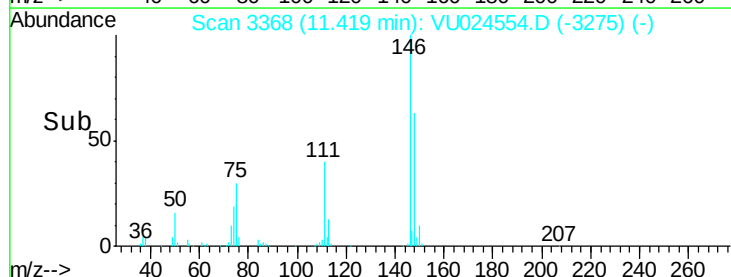
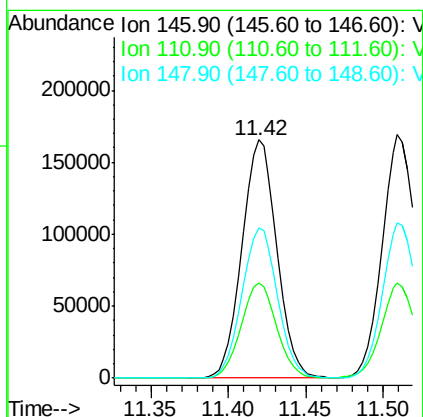
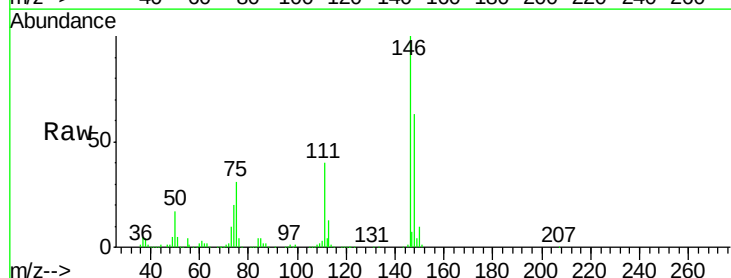
RT: 11.42 min Scan# 3368

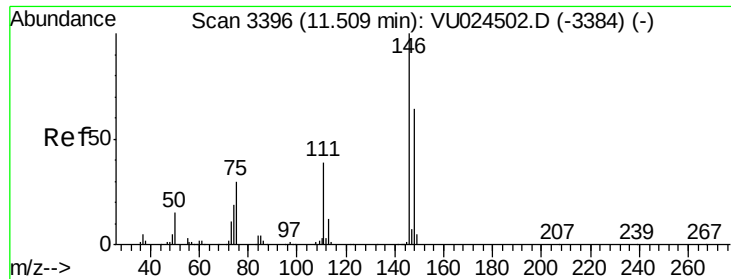
Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Tgt Ion:146	Resp:	259784
Ion Ratio	Lower	Upper
146	100	
111	40.6	20.0 60.0
148	64.4	32.1 96.5

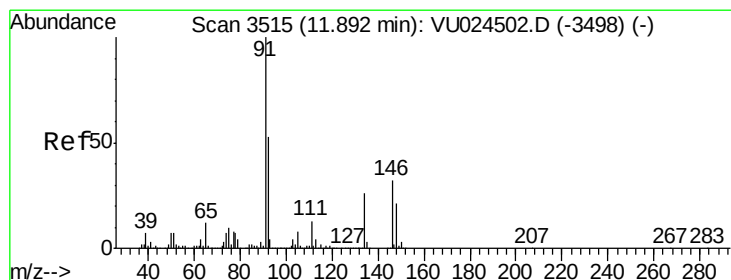
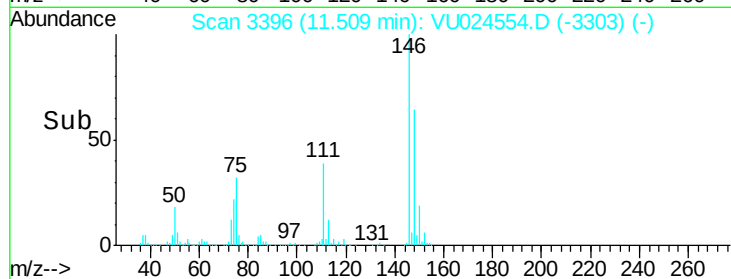
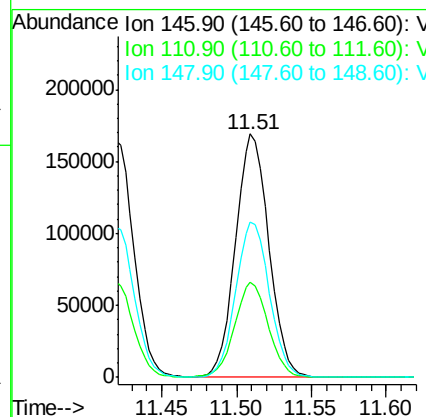
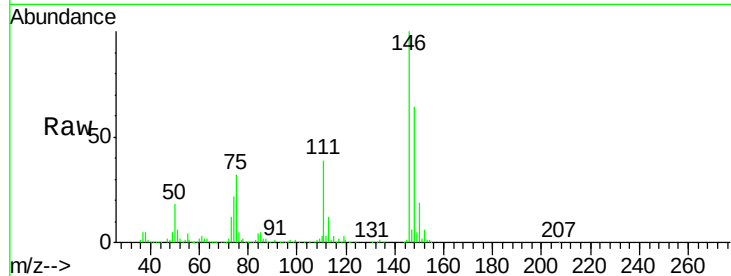




#88
 1,4-Dichlorobenzene
 Concen: 46.568 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

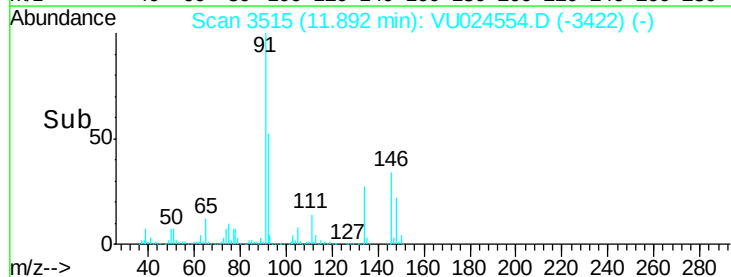
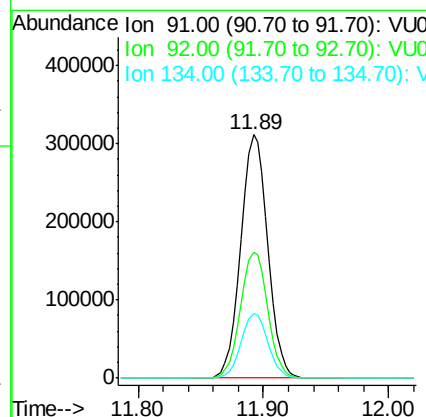
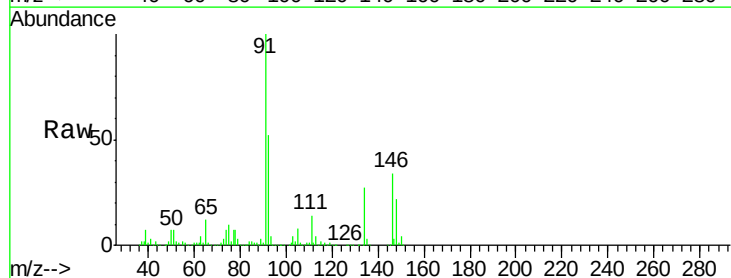
Instrument :
 MSVOA_U
 ClientSampleId :

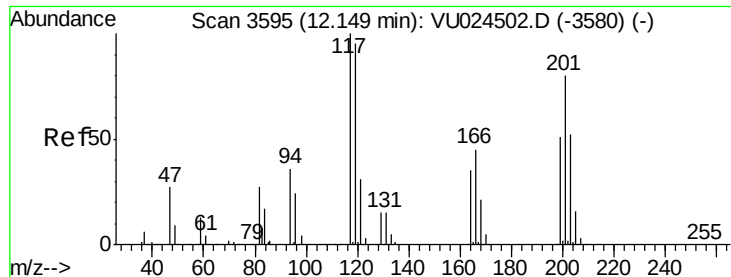
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	64.4	32.4	97.0



#89
 n-Butylbenzene
 Concen: 46.781 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.6	76.8
134	26.6	12.3	36.8





#90

Hexachloroethane

Concen: 43.856 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

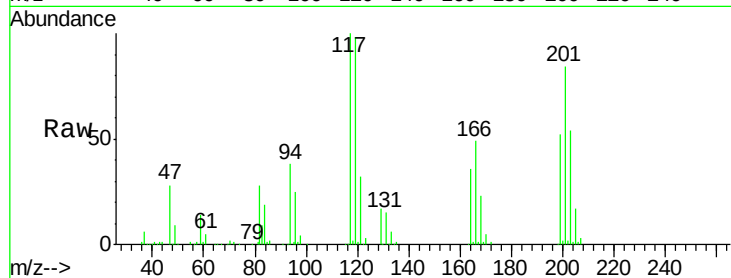
ClientSampleId :

Tot Ion:117 Resp: 95553

Ion Ratio Lower Upper

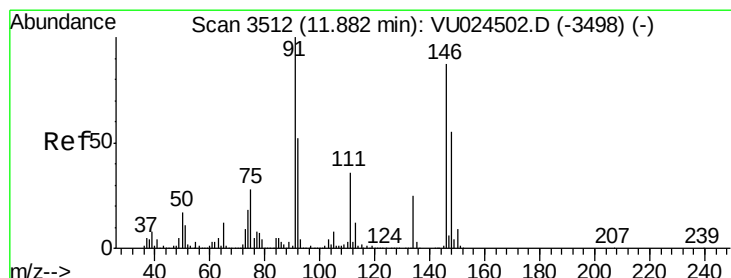
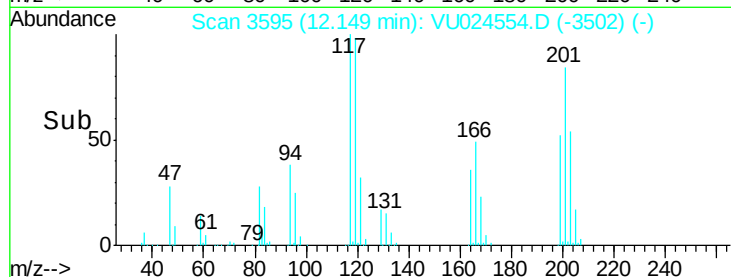
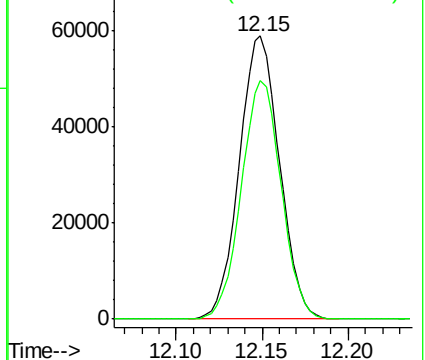
117 100

201 83.5 41.1 123.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 46.411 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

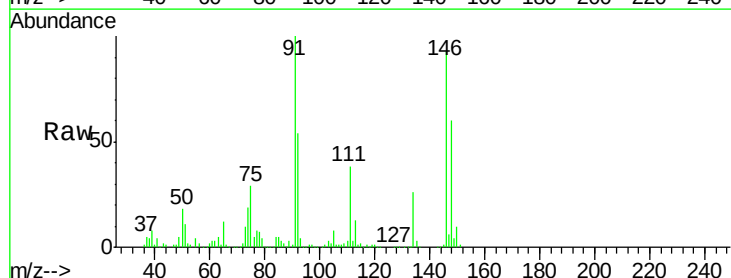
Tgt Ion:146 Resp: 259811

Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.6

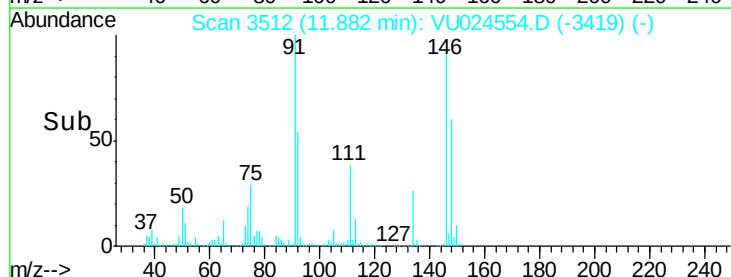
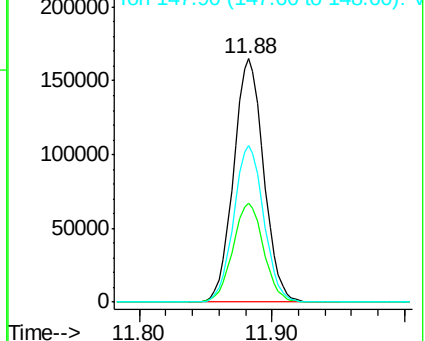
148 64.3 31.9 95.7

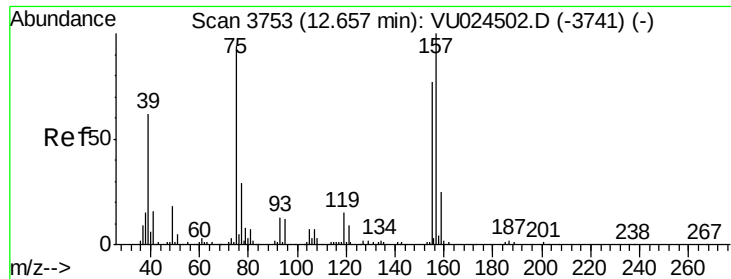


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.168 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

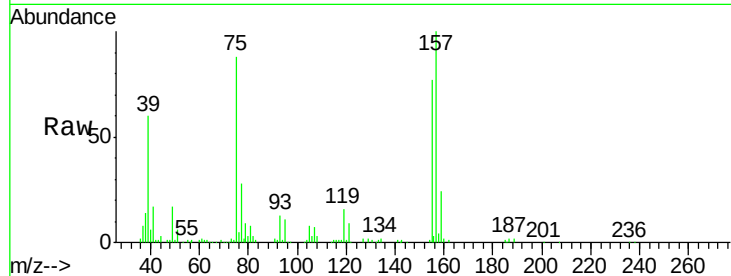
Tot Ion: 75 Resp: 51011

Ion Ratio Lower Upper

75 100

155 87.9 40.4 121.2

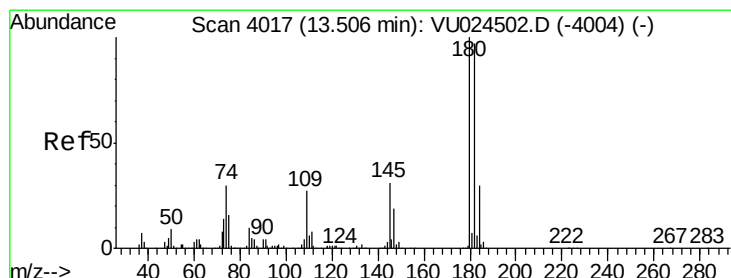
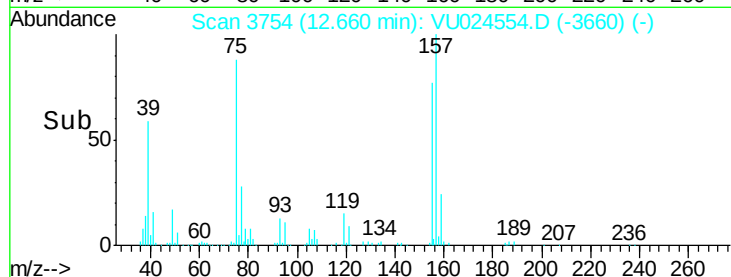
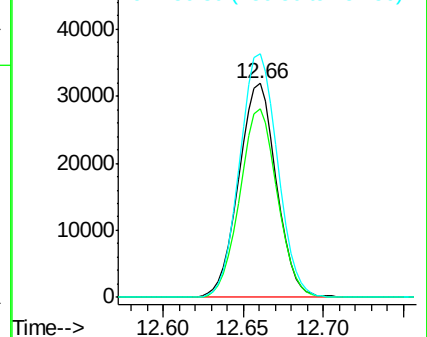
157 114.7 52.3 156.8



Abundance Ion 74.90 (74.60 to 75.60): VU024502.D (-3741) (-)

Ion 154.80 (154.50 to 155.50): VU024502.D (-3741) (-)

Ion 156.80 (156.50 to 157.50): VU024502.D (-3741) (-)



#93

1,2,4-Trichlorobenzene

Concen: 52.961 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

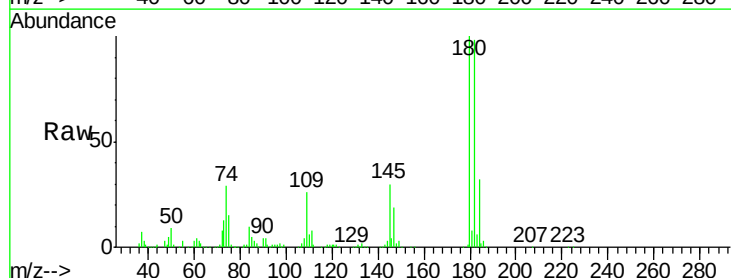
Tgt Ion: 180 Resp: 183084

Ion Ratio Lower Upper

180 100

182 96.7 48.0 144.2

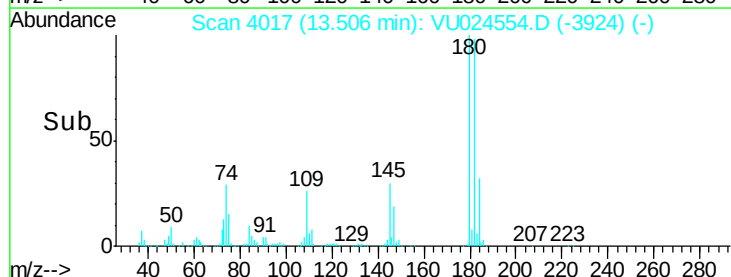
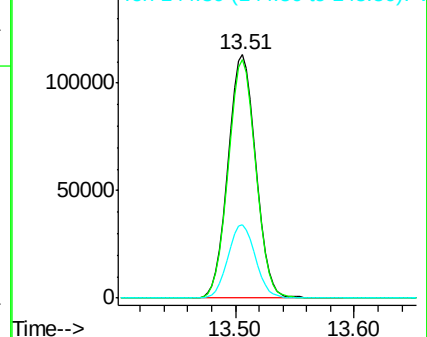
145 29.9 14.7 44.1

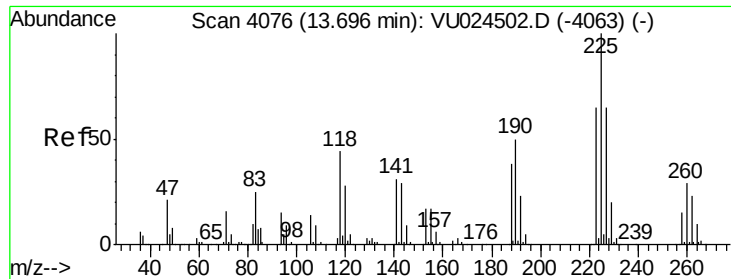


Abundance Ion 179.80 (179.50 to 180.50): VU024502.D (-4004) (-)

Ion 181.80 (181.50 to 182.50): VU024502.D (-4004) (-)

Ion 144.80 (144.50 to 145.50): VU024502.D (-4004) (-)

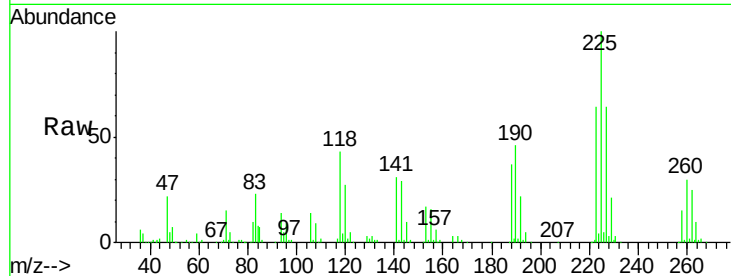




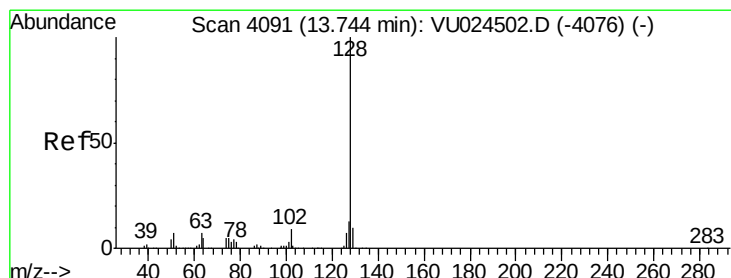
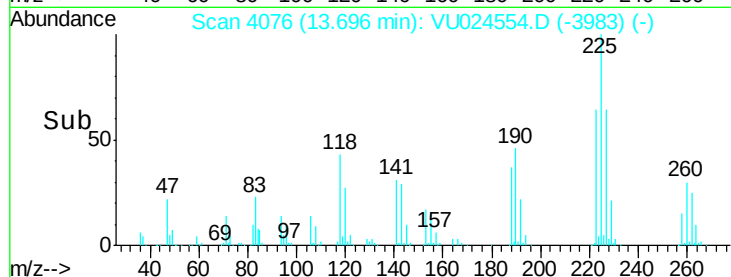
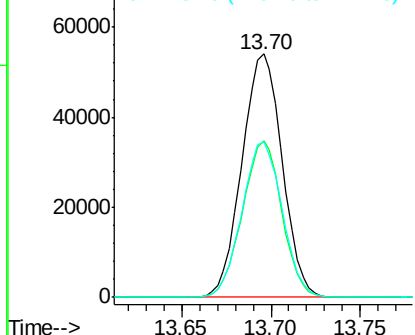
#94
Hexachlorobutadiene
Concen: 43.732 ug/l
RT: 13.70 min Scan# 4076
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:225 Resp: 85092
Ion Ratio Lower Upper
225 100
223 62.7 31.3 93.8
227 63.8 31.8 95.4

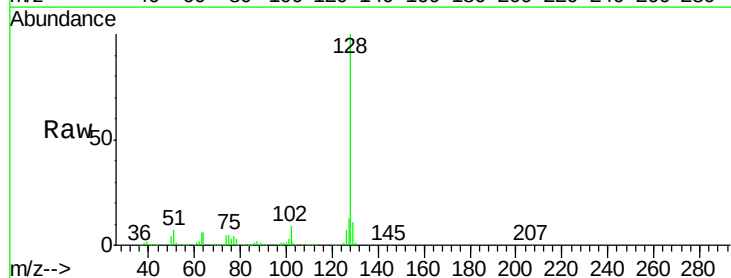


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

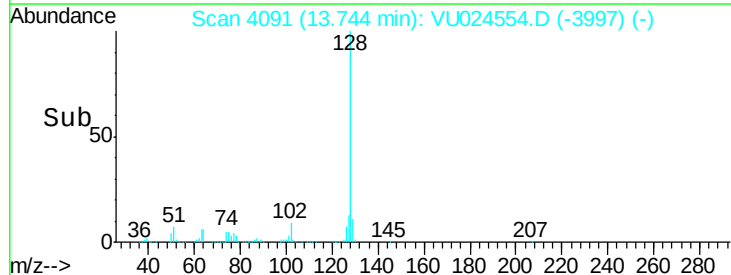
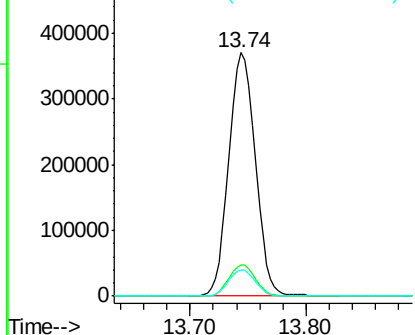


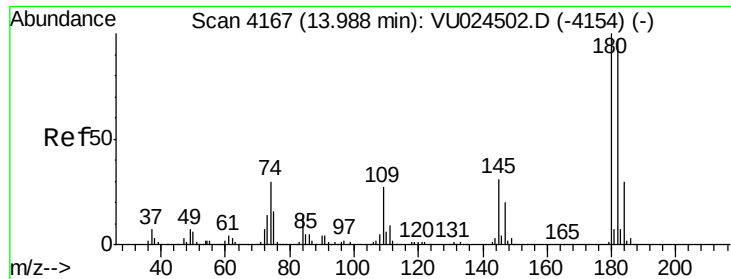
#95
Naphthalene
Concen: 51.275 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion:128 Resp: 587000
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

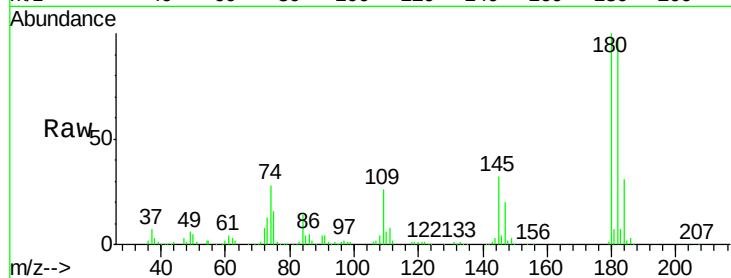




#96
 1,2,3-Trichlorobenzene
 Concen: 53.968 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.9	143.7
145	31.2	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

