

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024526.D
 Acq On : 14 Jun 2018 09:52
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 01:31:18 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	193891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	292564	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	134711	42.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.12%	
35) Dibromofluoromethane	4.89	113	112594	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
50) Toluene-d8	7.57	98	410915	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
62) 4-Bromofluorobenzene	10.31	95	163845	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	107455	44.277	ug/l 100
3) Chloromethane	1.33	50	114551	46.200	ug/l 100
4) Vinyl Chloride	1.40	62	115931	45.339	ug/l 96
5) Bromomethane	1.62	94	61765	49.968	ug/l 100
6) Chloroethane	1.70	64	70616	49.410	ug/l 98
7) Trichlorofluoromethane	1.89	101	175650	45.013	ug/l 98
8) Diethyl Ether	2.10	74	65478	49.279	ug/l 88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	107679	44.479	ug/l 98
10) Methyl Iodide	2.41	142	107307	52.124	ug/l 97
11) Tert butyl alcohol	2.82	59	141822	184.225	ug/l 100
12) 1,1-Dichloroethene	2.28	96	98214	44.486	ug/l 93
13) Acrolein	2.19	56	77611	191.983	ug/l 97
14) Allyl chloride	2.59	41	176359	43.023	ug/l 94
15) Acrylonitrile	2.93	53	333547	222.692	ug/l 98
16) Acetone	2.32	43	422148	248.217	ug/l 97
17) Carbon Disulfide	2.48	76	315412	44.617	ug/l 100
18) Methyl Acetate	2.62	43	156805	43.007	ug/l 97
19) Methyl tert-butyl Ether	3.00	73	368268	44.376	ug/l 99
20) Methylene Chloride	2.70	84	113229	42.431	ug/l 97
21) trans-1,2-Dichloroethene	2.99	96	109999	45.237	ug/l 96
22) Diisopropyl ether	3.57	45	368952	45.404	ug/l 96
23) Vinyl Acetate	3.53	43	1693689	232.675	ug/l 99
24) 1,1-Dichloroethane	3.45	63	210035	44.931	ug/l 99
25) 2-Butanone	4.26	43	549602	240.584	ug/l 97
26) 2,2-Dichloropropane	4.23	77	198700	44.764	ug/l 99
27) cis-1,2-Dichloroethene	4.23	96	127388	45.569	ug/l 99
28) Bromochloromethane	4.55	49	100695	48.904	ug/l 91
29) Tetrahydrofuran	4.64	42	306198	216.442	ug/l 97
30) Chloroform	4.68	83	213311	45.083	ug/l 97
31) Cyclohexane	5.00	56	197901	47.577	ug/l 98
32) 1,1,1-Trichloroethane	4.92	97	193686	44.268	ug/l 96
36) 1,1-Dichloropropene	5.14	75	162629	47.305	ug/l 97
37) Ethyl Acetate	4.38	43	183410	48.948	ug/l 97
38) Carbon Tetrachloride	5.14	117	177421	46.931	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	204621	47.695	ug/l	95
40) Benzene	5.39	78	466833	47.655	ug/l	99
41) Methacrylonitrile	4.54	41	98747	48.879	ug/l	97
42) 1,2-Dichloroethane	5.41	62	171616	45.998	ug/l	98
43) Isopropyl Acetate	5.55	43	299387	46.224	ug/l	98
44) Trichloroethene	6.19	130	130087	46.661	ug/l	96
45) 1,2-Dichloropropane	6.44	63	126483	48.390	ug/l	96
46) Dibromomethane	6.56	93	89608	48.807	ug/l	97
47) Bromodichloromethane	6.76	83	174818	47.818	ug/l	99
48) Methyl methacrylate	6.62	41	147029	46.619	ug/l	99
49) 1,4-Dioxane	6.61	88	52333	848.493	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	948191	233.022	ug/l	98
52) Toluene	7.64	92	297197	47.156	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	201371	49.047	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	207860	47.513	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	120598	47.075	ug/l	98
56) Ethyl methacrylate	8.02	69	202419	47.207	ug/l	99
57) 1,3-Dichloropropane	8.25	76	204864	47.404	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	421038	256.307	ug/l	97
59) 2-Hexanone	8.36	43	786761	236.831	ug/l	99
60) Dibromochloromethane	8.48	129	148255	46.407	ug/l	100
61) 1,2-Dibromoethane	8.59	107	135887	47.656	ug/l	99
64) Tetrachloroethene	8.23	164	111401	42.172	ug/l	98
65) Chlorobenzene	9.12	112	338001	47.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	126709	46.977	ug/l	98
67) Ethyl Benzene	9.25	91	590491	47.444	ug/l	98
68) m/p-Xylenes	9.38	106	455944	95.401	ug/l	98
69) o-Xylene	9.78	106	223555	47.265	ug/l	96
70) Styrene	9.80	104	373088	48.000	ug/l	98
71) Bromoform	9.96	173	122119	47.634	ug/l #	100
73) Isopropylbenzene	10.17	105	600634	45.818	ug/l	98
74) N-amyl acetate	10.01	43	286435	45.938	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	202583	46.116	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	245618	65.338	ug/l	82
77) Bromobenzene	10.45	156	152108	45.833	ug/l	97
78) n-propylbenzene	10.59	91	725192	46.961	ug/l	98
79) 2-Chlorotoluene	10.66	91	414755	45.545	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	517879	45.579	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	245618	151.221	ug/l #	100
82) 4-Chlorotoluene	10.78	91	490670	46.293	ug/l	99
83) tert-Butylbenzene	11.10	119	513041	46.941	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	532049	45.949	ug/l	100
85) sec-Butylbenzene	11.33	105	638771	46.691	ug/l	98
86) p-Isopropyltoluene	11.48	119	567764	46.337	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	285915	46.632	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	285474	46.259	ug/l	99
89) n-Butylbenzene	11.89	91	536429	49.312	ug/l	98
90) Hexachloroethane	12.15	117	110700	46.313	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	282755	46.041	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	52989	43.716	ug/l	91

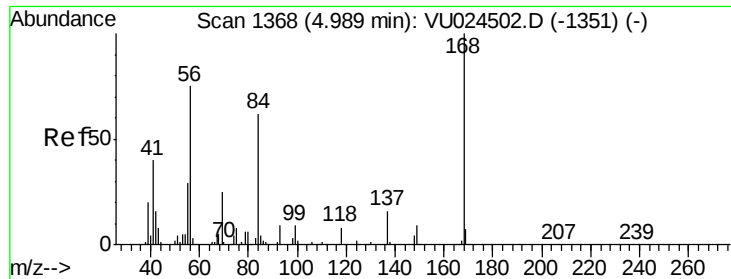
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	198323	52.295	ug/l	100
94) Hexachlorobutadiene	13.70	225	105740	49.537	ug/l	99
95) Naphthalene	13.74	128	576943	46.009	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	199125	52.694	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

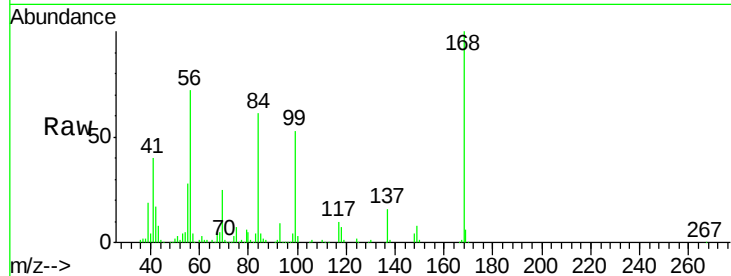
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 193891

Ion Ratio Lower Upper

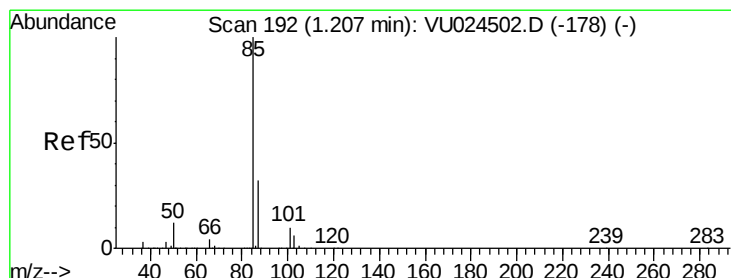
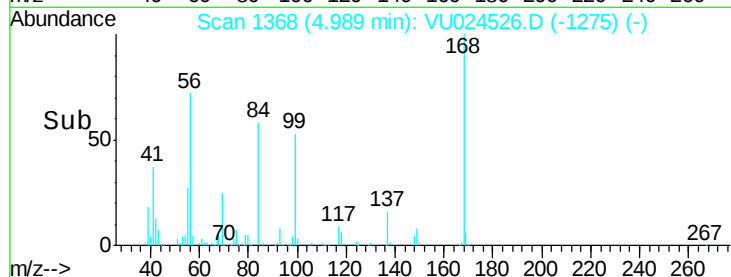
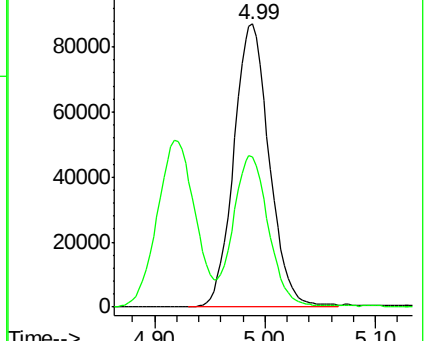
168 100

99 52.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024526.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024526.D (-1275) (-)



#2

Dichlorodifluoromethane

Concen: 44.277 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024526.D

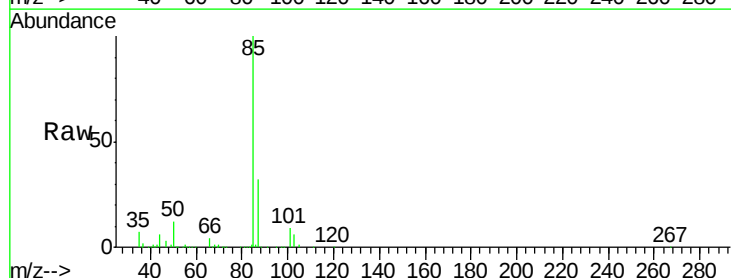
Acq: 14 Jun 2018 09:52

Tgt Ion: 85 Resp: 107455

Ion Ratio Lower Upper

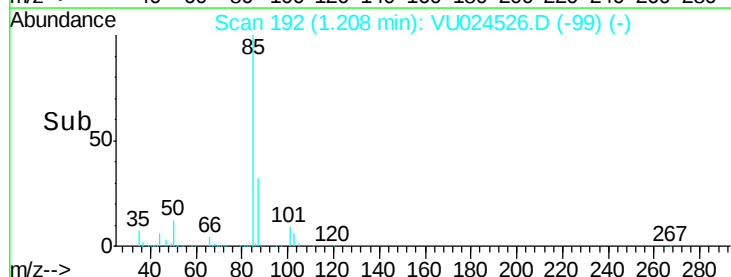
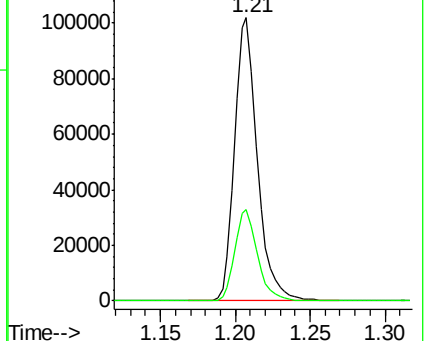
85 100

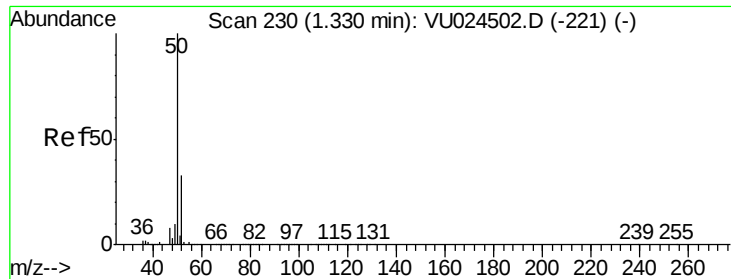
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024526.D (-99) (-)

Ion 86.90 (86.60 to 87.60): VU024526.D (-99) (-)





#3

Chloromethane

Concen: 46.200 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

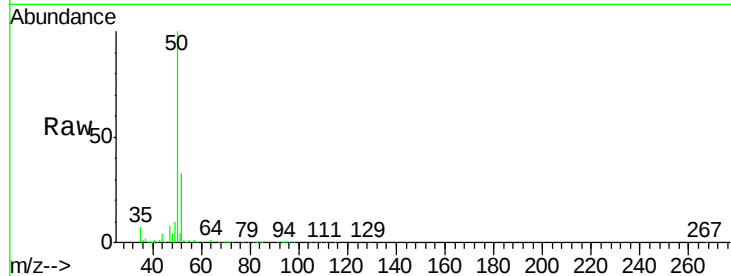
ClientSampleId :

Tot Ion: 50 Resp: 114551

Ion Ratio Lower Upper

50 100

52 33.1 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

120000

100000

80000

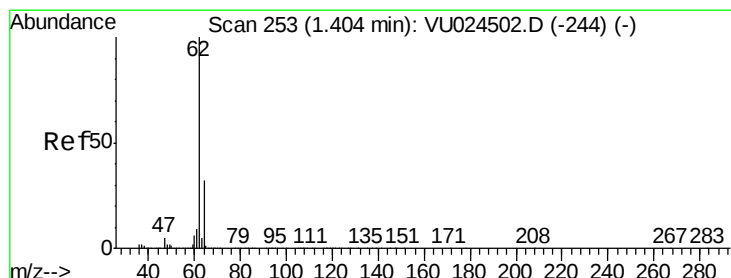
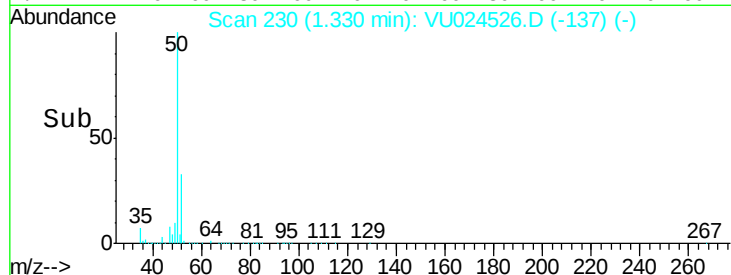
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 45.339 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024526.D

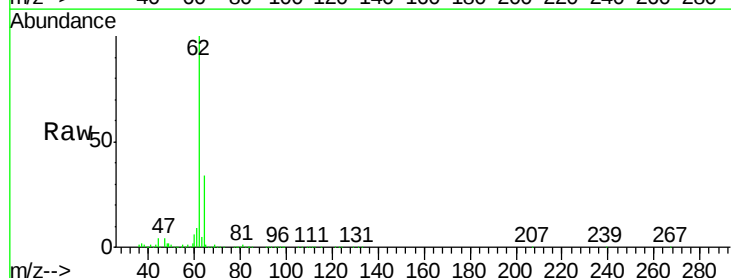
Acq: 14 Jun 2018 09:52

Tgt Ion: 62 Resp: 115931

Ion Ratio Lower Upper

62 100

64 33.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

120000

100000

80000

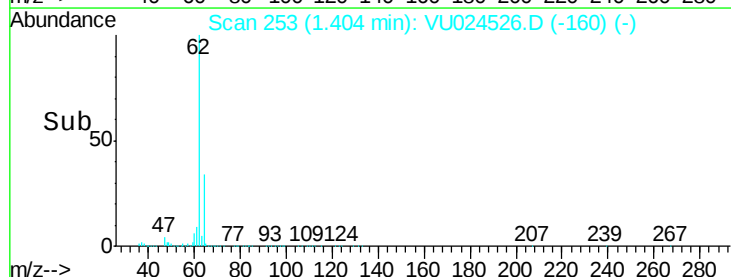
60000

40000

20000

0

Time-->





#5

Bromomethane

Concen: 49.968 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

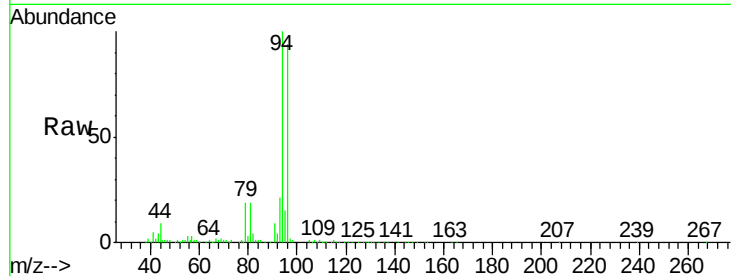
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 94 Resp: 61765

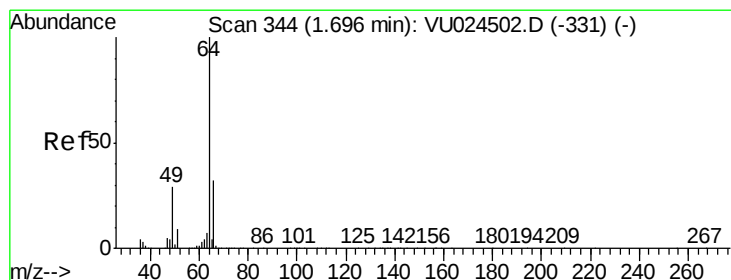
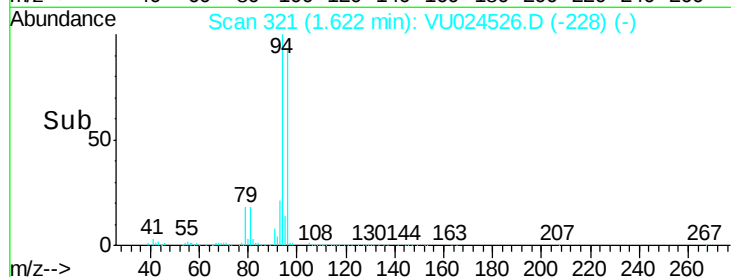
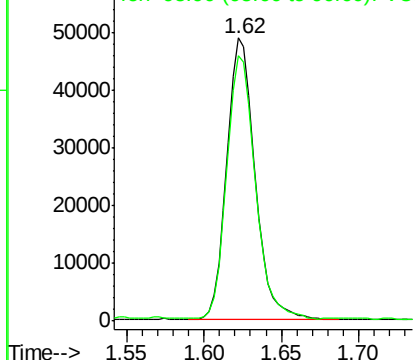
Ion Ratio Lower Upper

94 100

96 93.3 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: 49.410 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024526.D

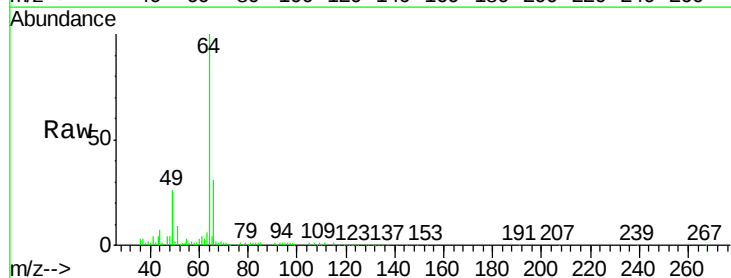
Acq: 14 Jun 2018 09:52

Tgt Ion: 64 Resp: 70616

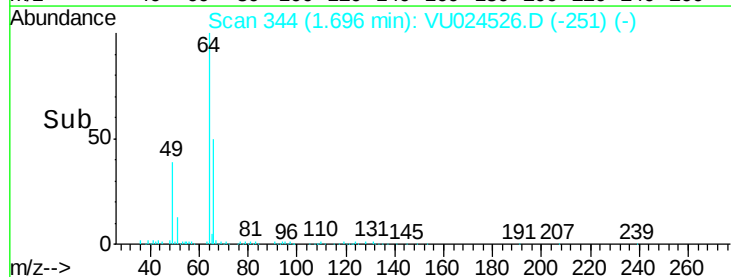
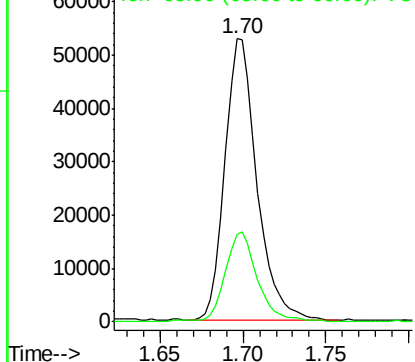
Ion Ratio Lower Upper

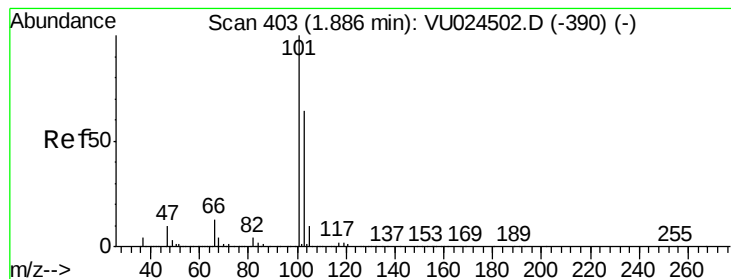
64 100

66 30.9 25.5 38.3



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



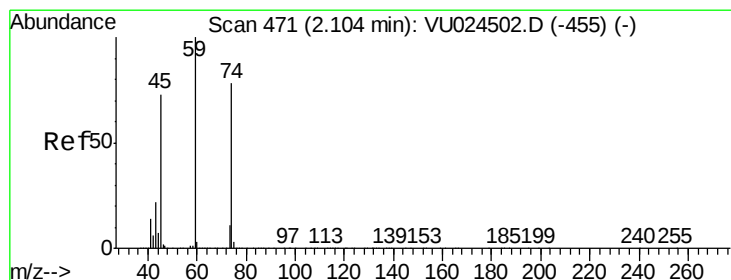
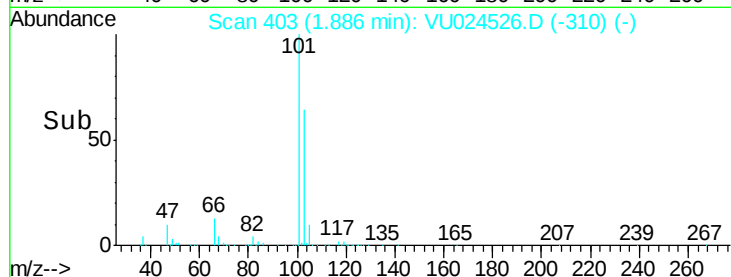
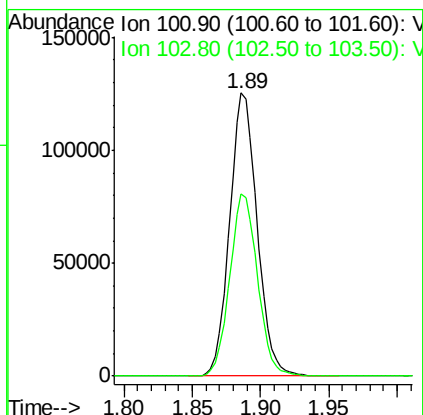
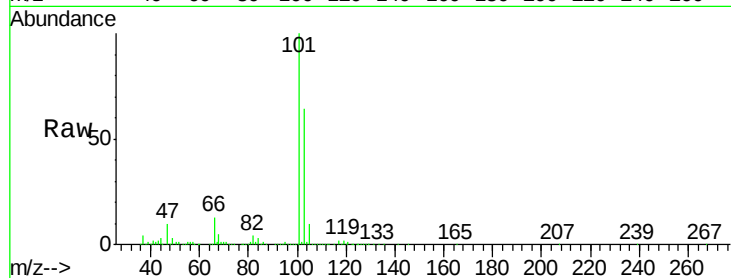


#7

Trichlorofluoromethane
 Concen: 45.013 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Instrument :
 MSVOA_U
 ClientSampleId :

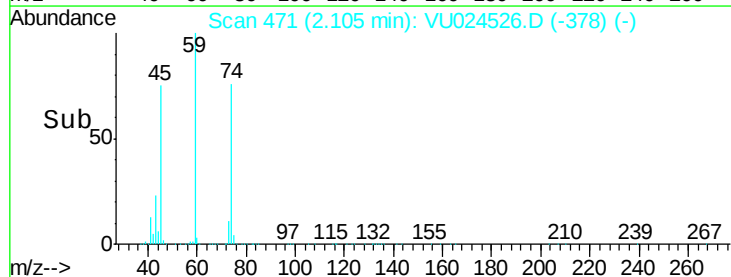
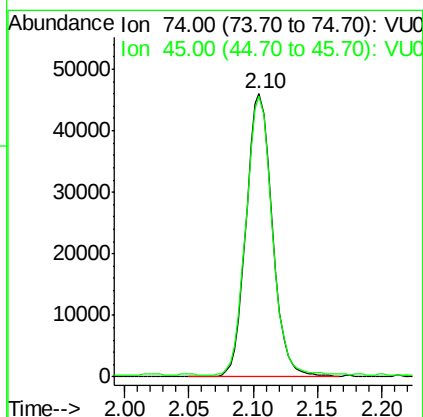
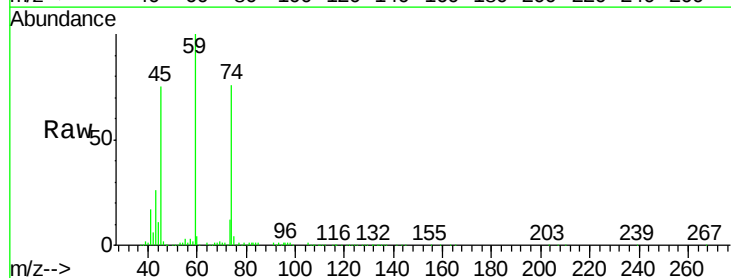
Tot Ion:101 Resp: 175650
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5

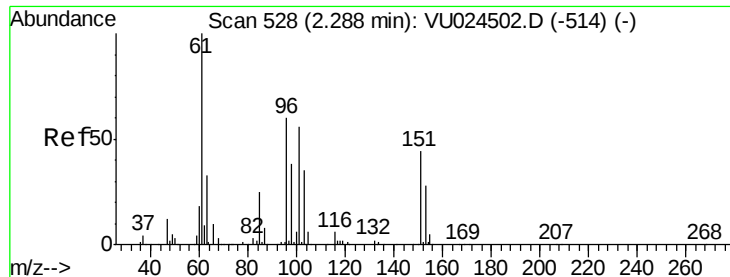


#8

Diethyl Ether
 Concen: 49.279 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion: 74 Resp: 65478
 Ion Ratio Lower Upper
 74 100
 45 97.7 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.479 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

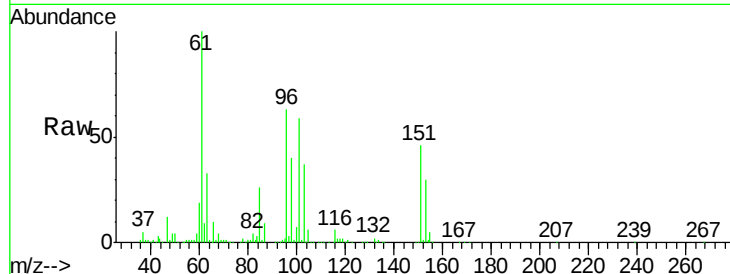
Tot Ion:101 Resp: 107679

Ion Ratio Lower Upper

101 100

85 42.9 36.0 54.0

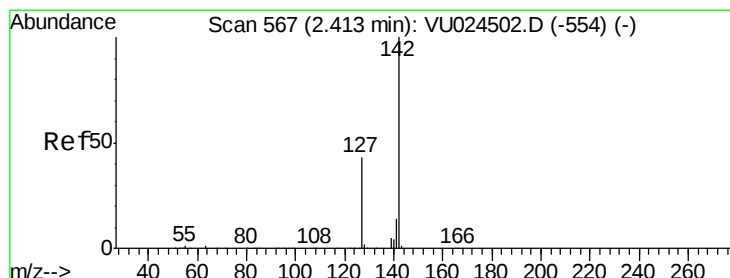
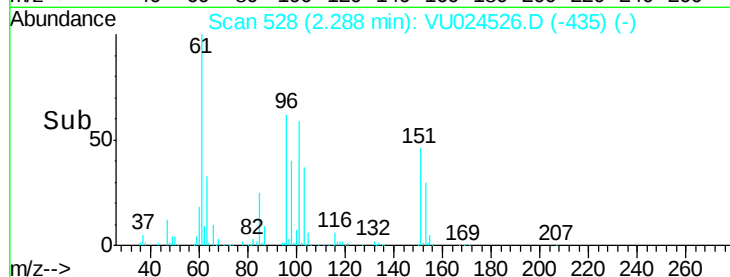
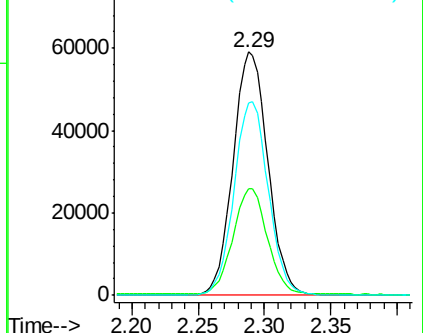
151 78.4 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.124 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

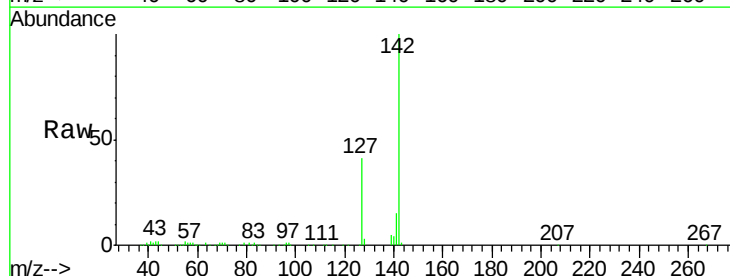
Tgt Ion:142 Resp: 107307

Ion Ratio Lower Upper

142 100

127 42.1 35.6 53.4

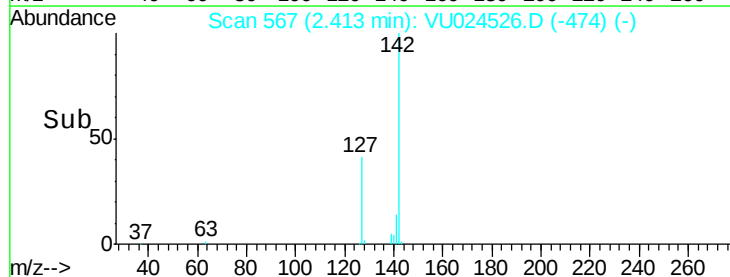
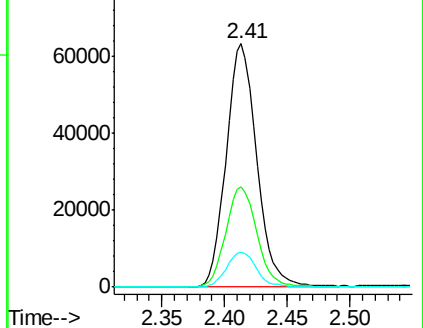
141 14.2 11.7 17.5



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



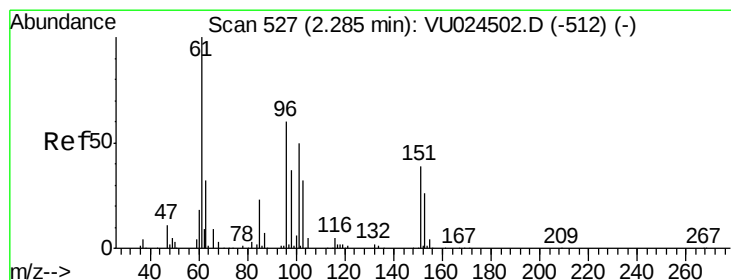
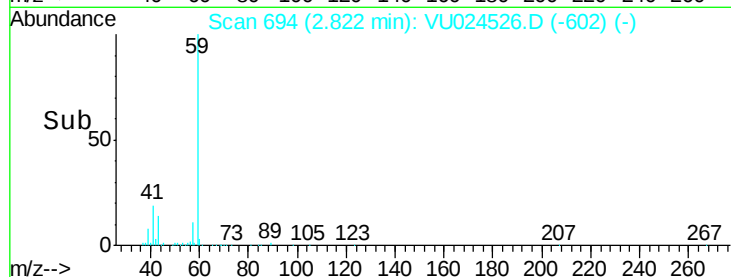
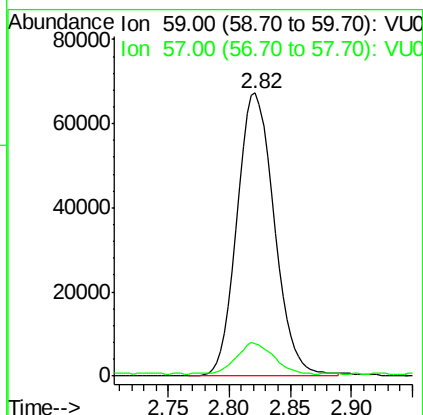
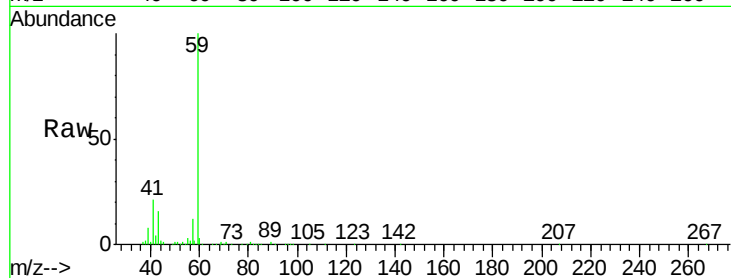


#11

Tert butyl alcohol
Concen: 184.225 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :

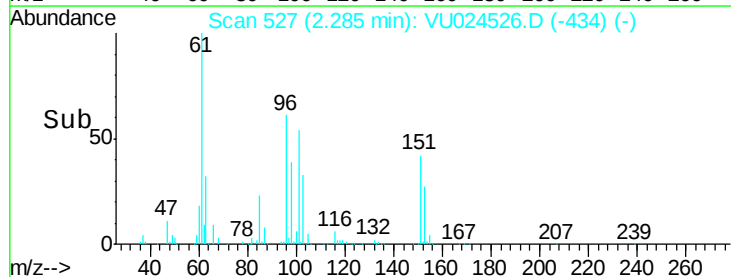
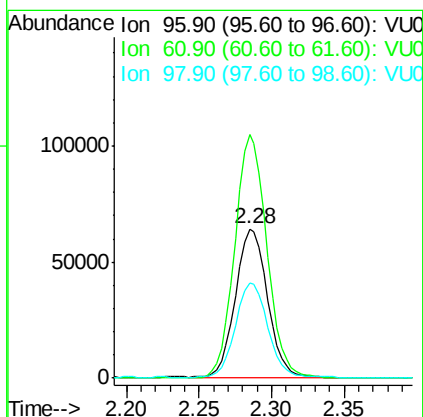
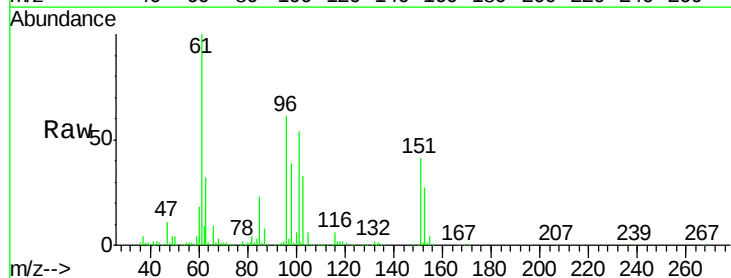
Tot Ion: 59 Resp: 141822
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

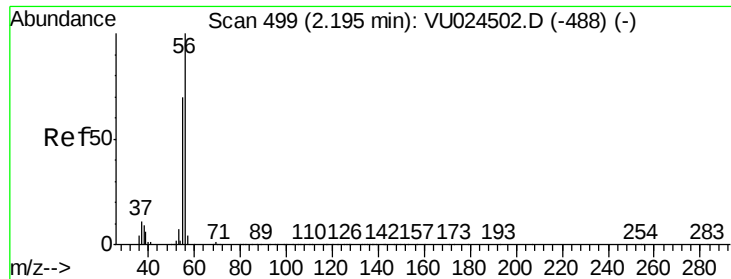


#12

1,1-Dichloroethene
Concen: 44.486 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 96 Resp: 98214
Ion Ratio Lower Upper
96 100
61 164.0 141.7 212.5
98 63.6 51.6 77.4





#13

Acrolein

Concen: 191.983 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

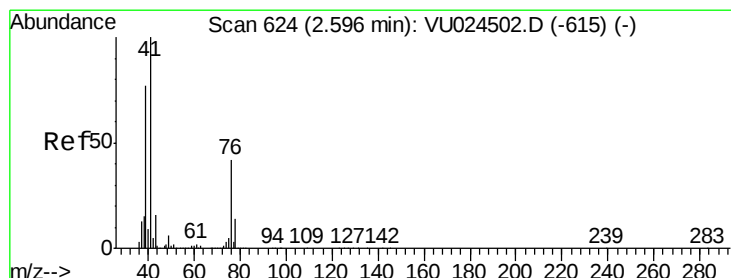
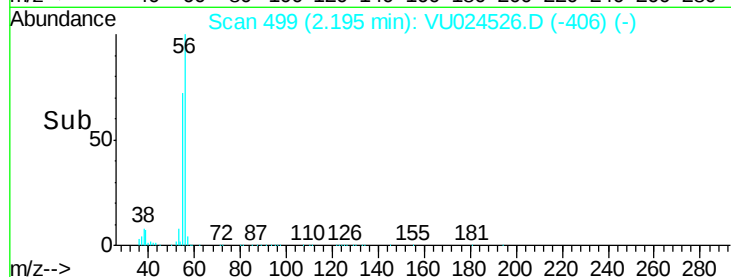
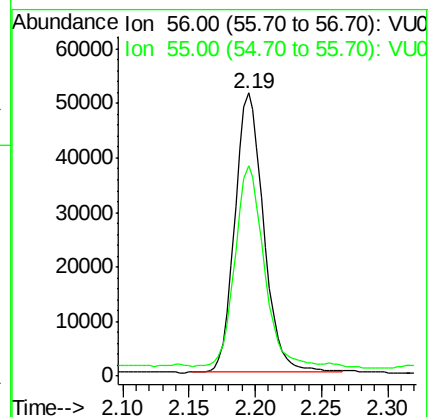
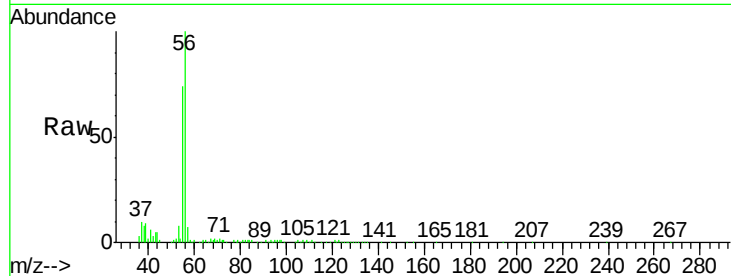
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 77611

Ion Ratio Lower Upper

56 100

55 70.7 58.4 87.6



#14

Allyl chloride

Concen: 43.023 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

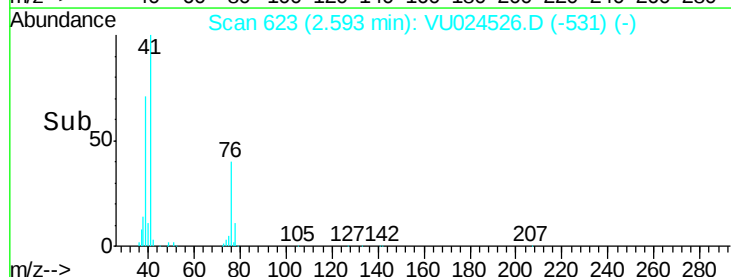
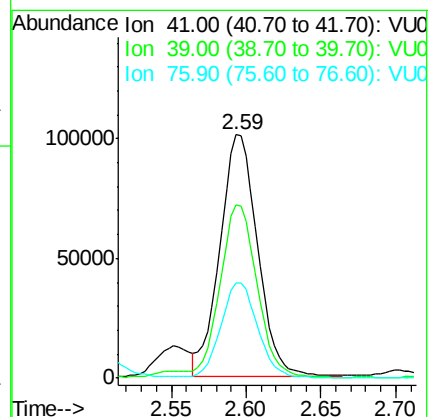
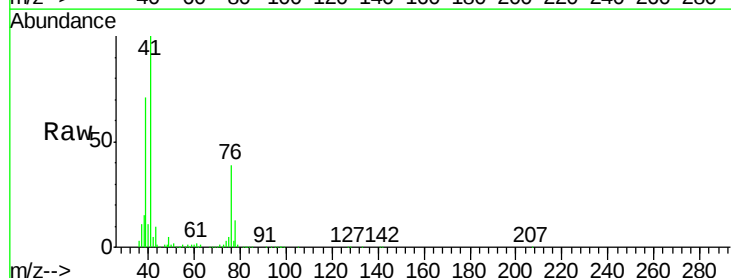
Tgt Ion: 41 Resp: 176359

Ion Ratio Lower Upper

41 100

39 70.0 61.6 92.4

76 39.0 29.7 44.5





#15

Acrylonitrile

Concen: 222.692 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

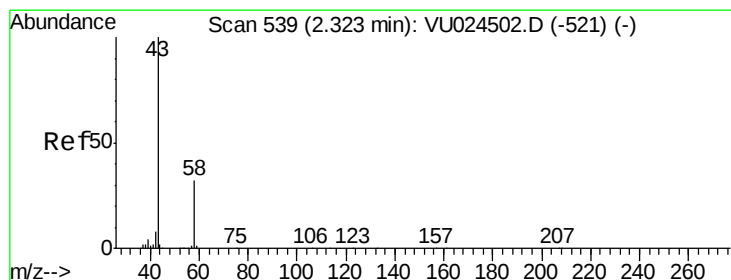
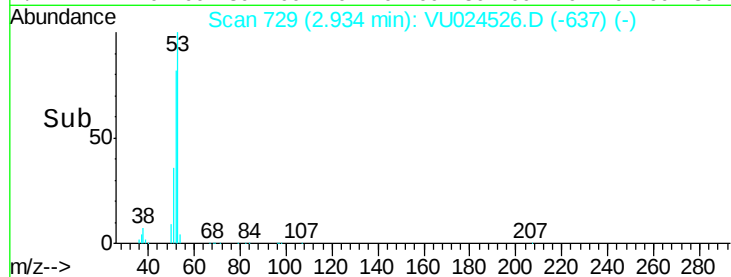
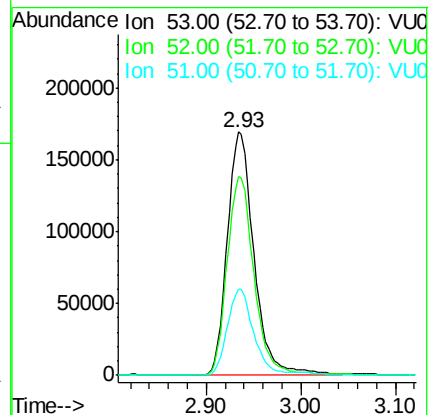
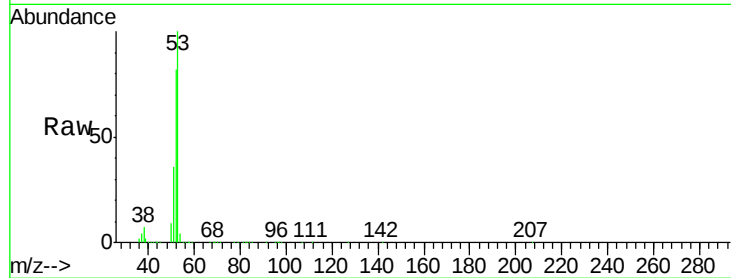
Tot Ion: 53 Resp: 333547

Ion Ratio Lower Upper

53 100

52 82.0 67.1 100.7

51 35.6 28.4 42.6



#16

Acetone

Concen: 248.217 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024526.D

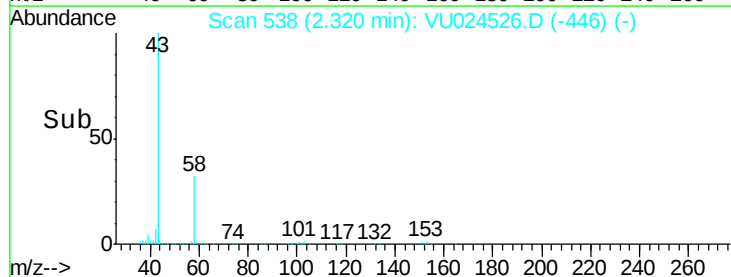
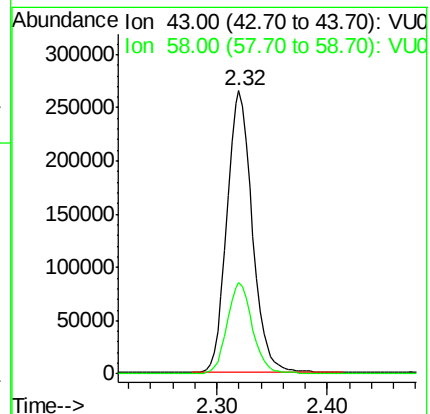
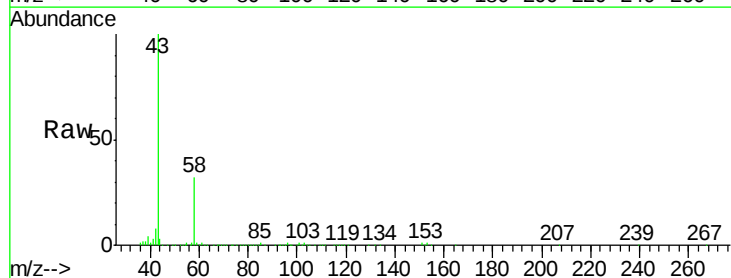
Acq: 14 Jun 2018 09:52

Tgt Ion: 43 Resp: 422148

Ion Ratio Lower Upper

43 100

58 32.2 24.4 36.6

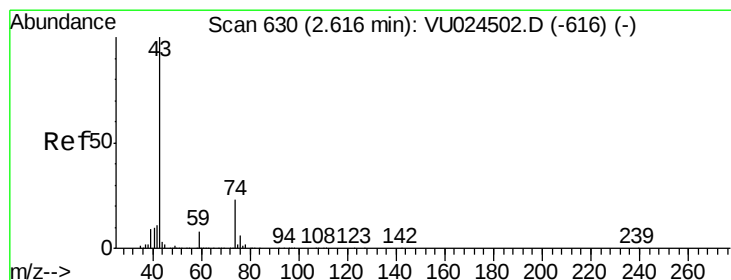
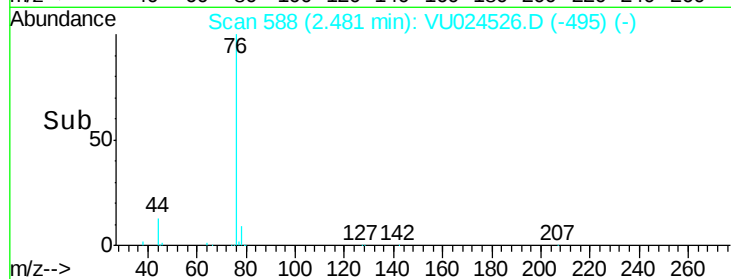
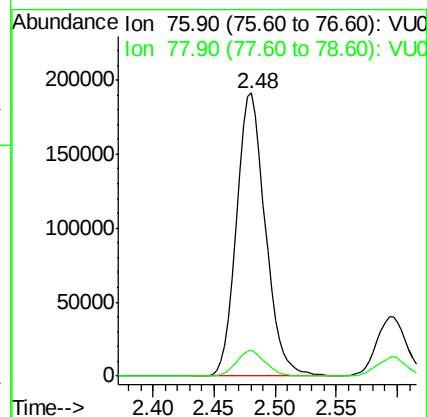
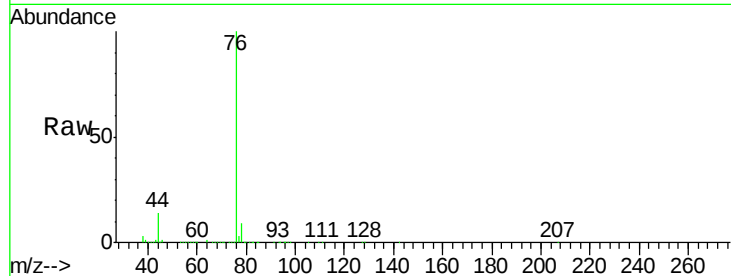




#17
Carbon Disulfide
Concen: 44.617 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

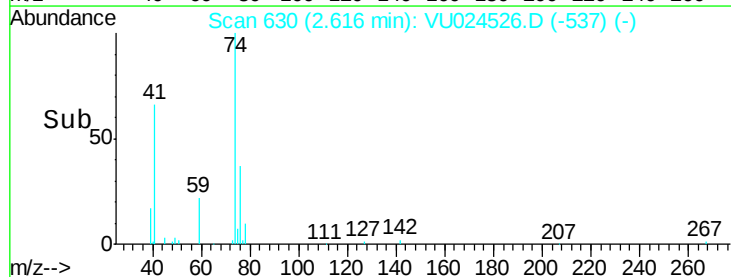
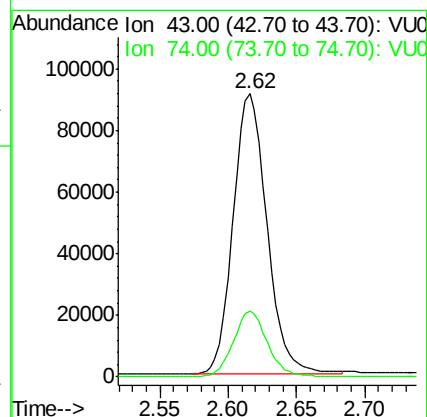
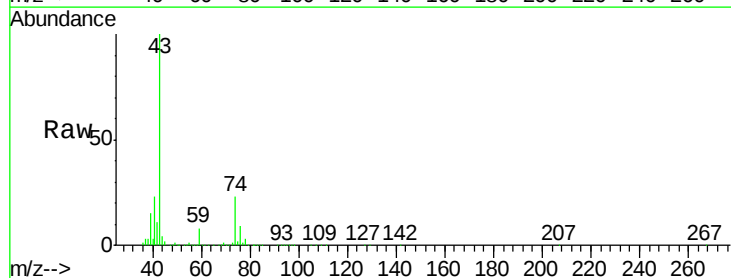
Instrument :
MSVOA_U
ClientSampleId :

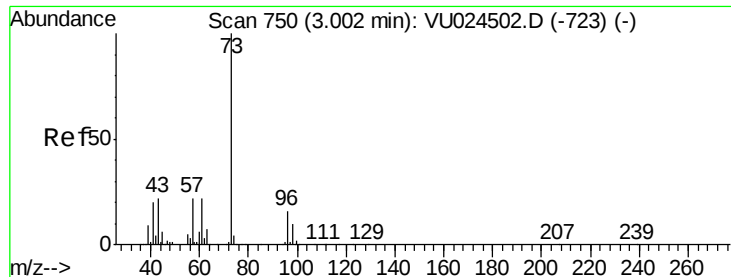
Tot Ion: 76 Resp: 315412
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 43.007 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 43 Resp: 156805
Ion Ratio Lower Upper
43 100
74 23.8 18.0 27.0

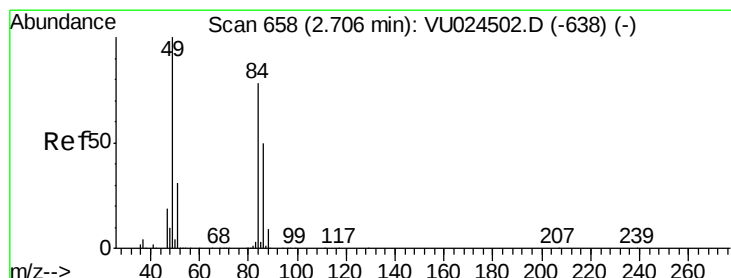
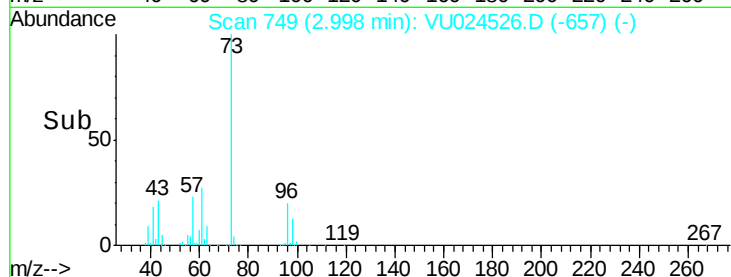
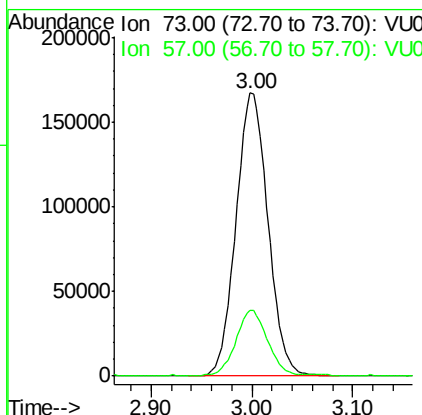
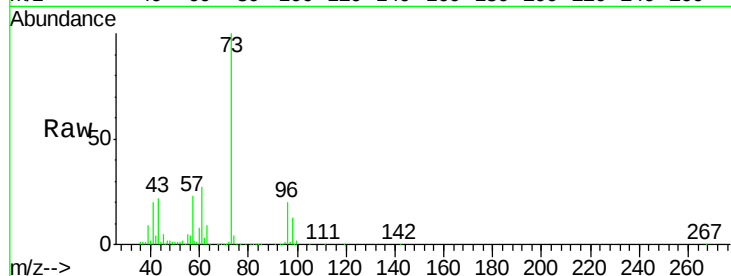




#19
Methvl tert-butvl Ether
Concen: 44.376 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

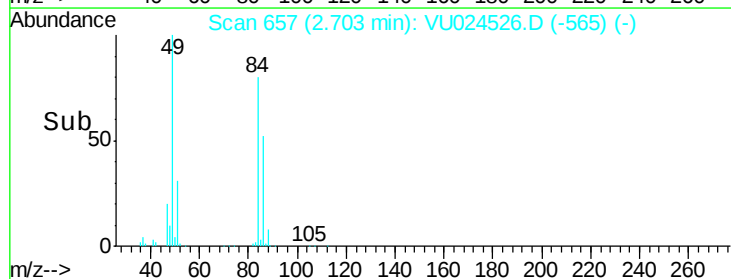
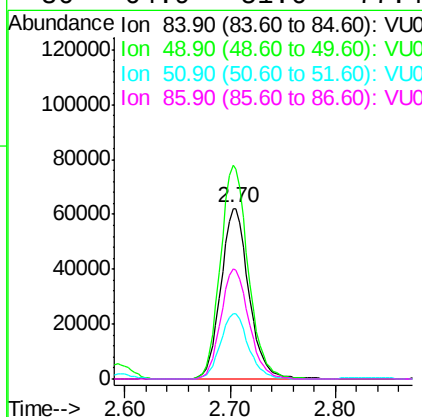
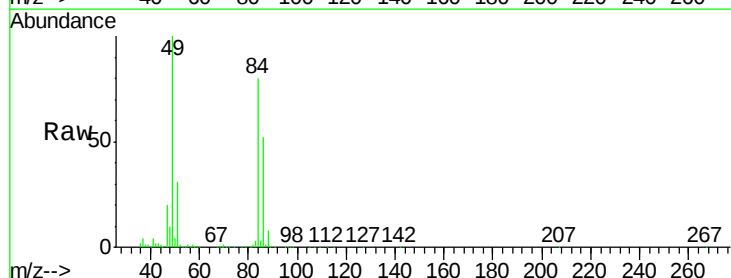
Instrument :
MSVOA_U
ClientSampleId :

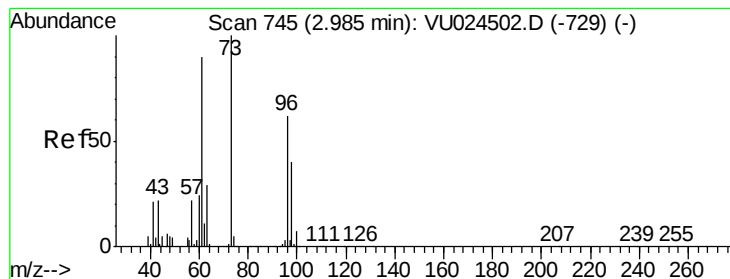
Tot Ion: 73 Resp: 368268
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2



#20
Methylene Chloride
Concen: 42.431 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 84 Resp: 113229
Ion Ratio Lower Upper
84 100
49 125.2 103.8 155.8
51 38.4 32.0 48.0
86 64.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.237 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

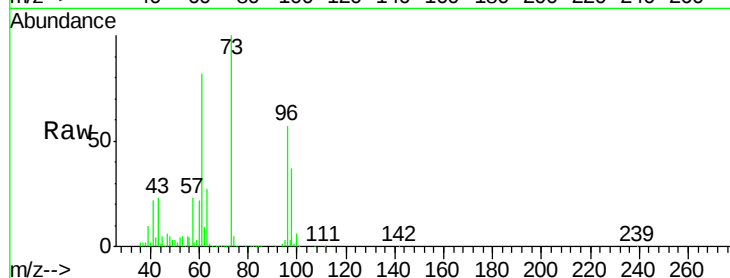
Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 109999

Ion	Ratio	Lower	Upper
96	100		
61	143.3	119.4	179.0
98	64.9	51.1	76.7

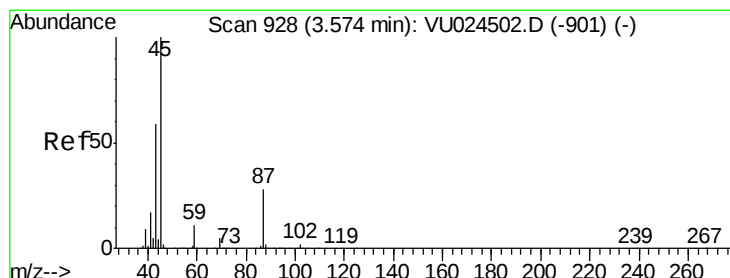
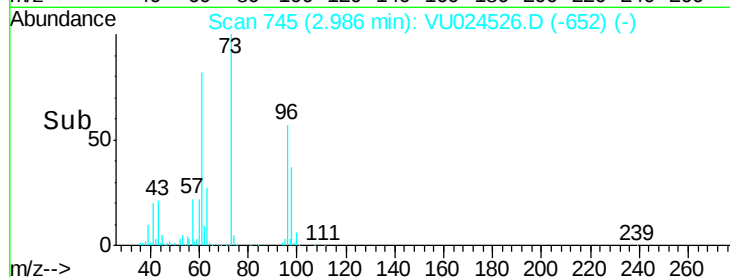
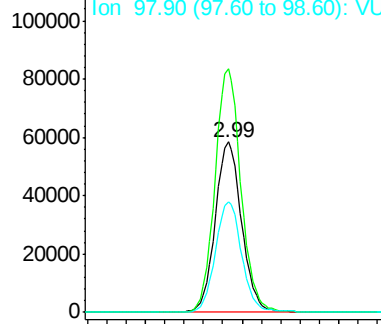


Abundance

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: 45.404 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Tgt Ion: 45 Resp: 368952

Ion	Ratio	Lower	Upper
45	100		
43	60.1	45.8	68.6
87	27.8	20.6	31.0
59	11.9	9.4	14.0

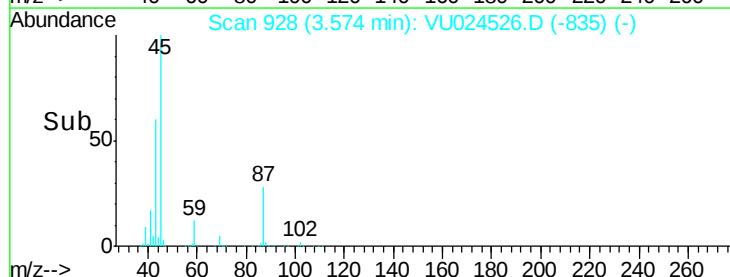
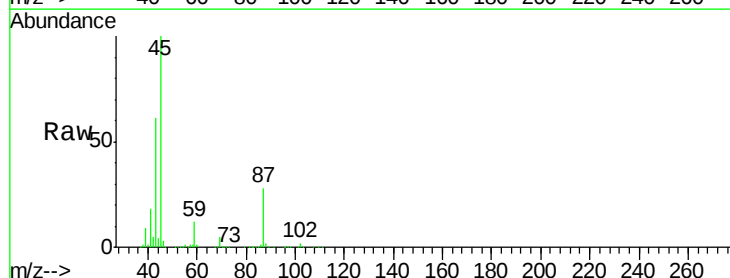
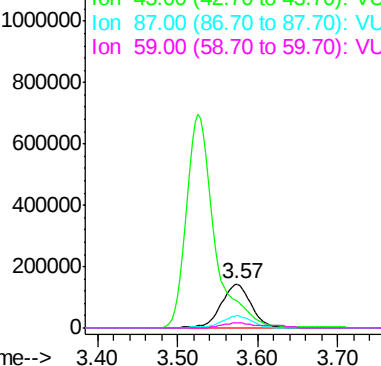
Abundance

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

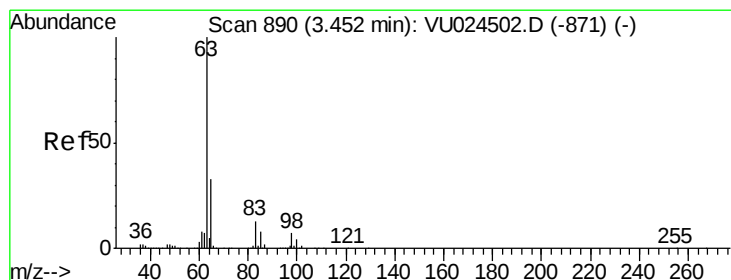
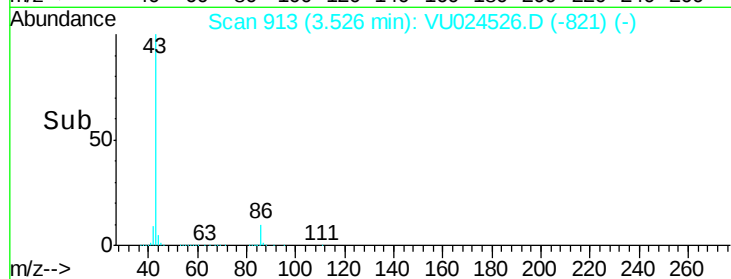
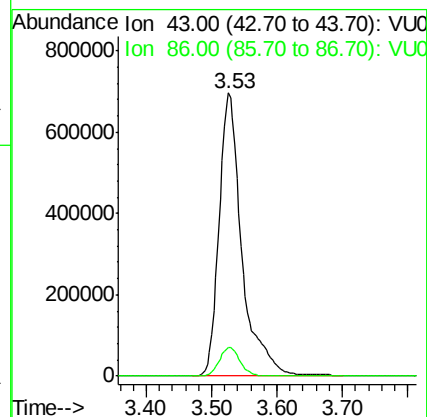
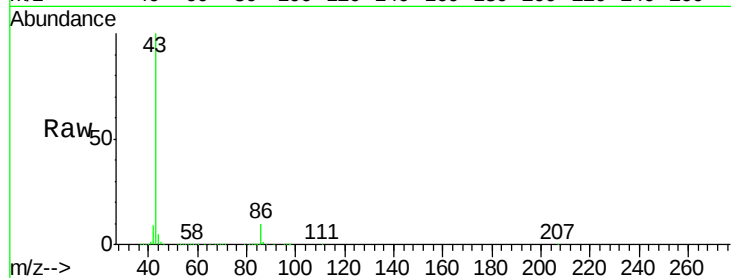




#23
 Vinyl Acetate
 Concen: 232.675 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

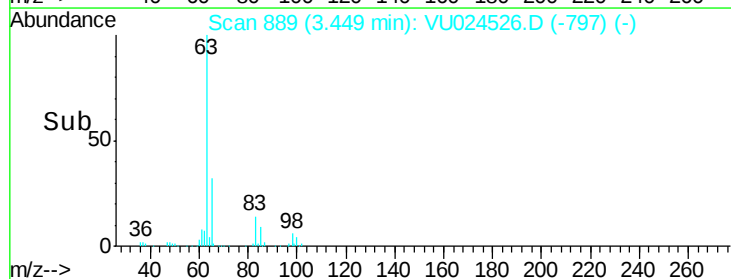
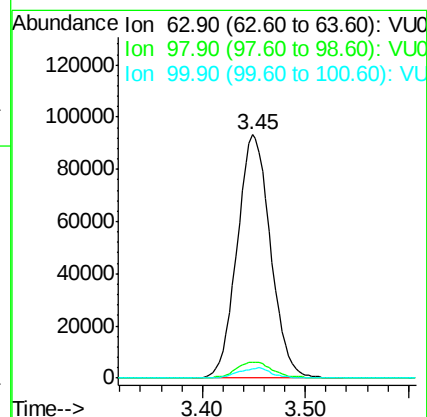
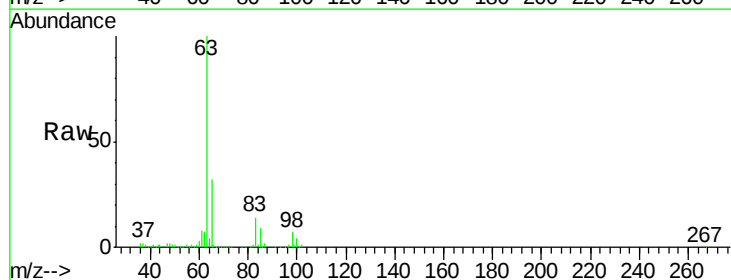
Instrument :
 MSVOA_U
 ClientSampleId :

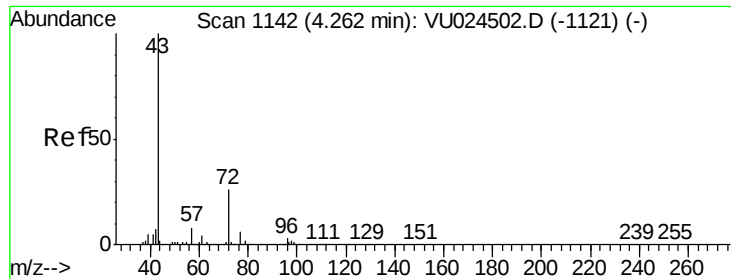
Tot Ion: 43 Resp: 1693689
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 44.931 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion: 63 Resp: 210035
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 3.8 1.8 5.5

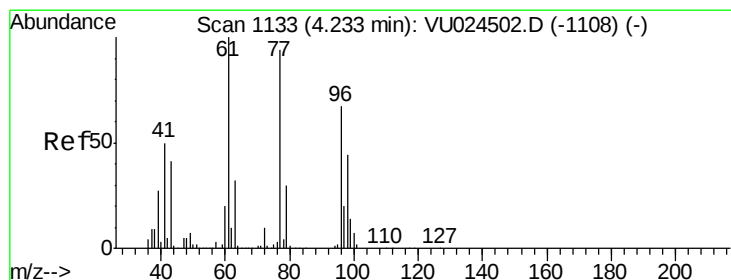
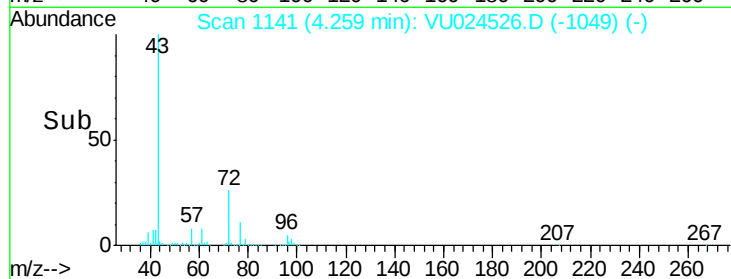
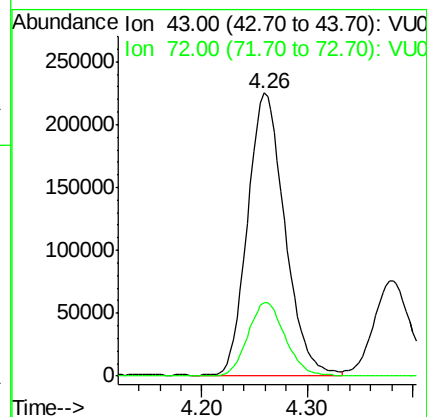
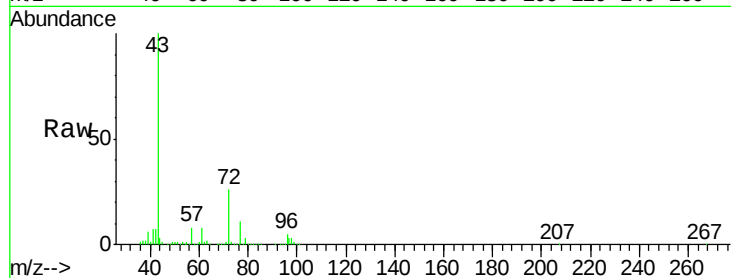




#25
2-Butanone
Concen: 240.584 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

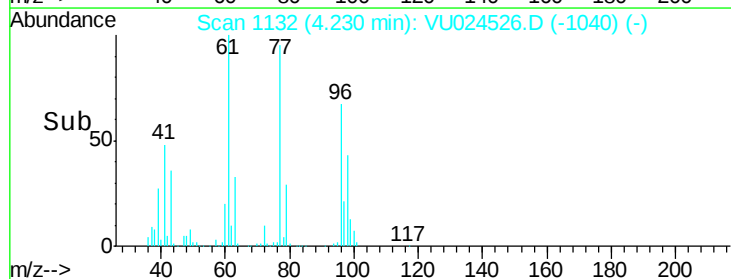
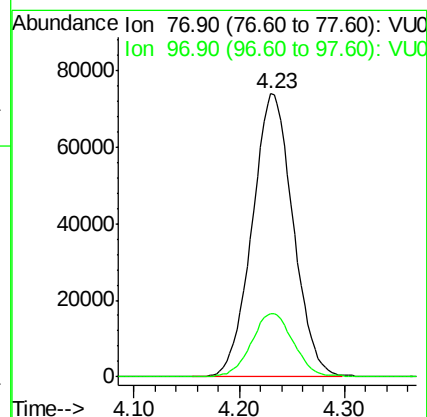
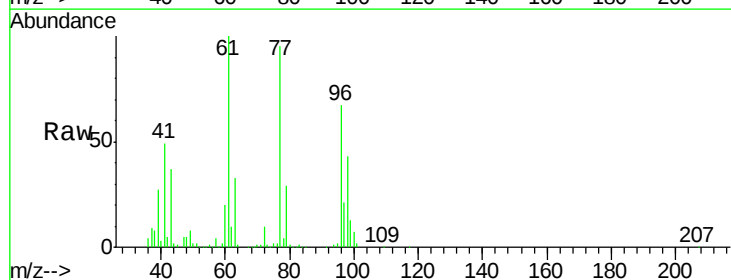
Instrument :
MSVOA_U
ClientSampleId :

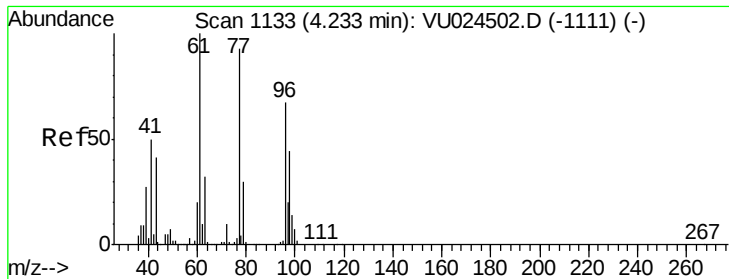
Tot Ion: 43 Resp: 549602
Ion Ratio Lower Upper
43 100
72 26.0 19.6 29.4



#26
2,2-Dichloropropane
Concen: 44.764 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 77 Resp: 198700
Ion Ratio Lower Upper
77 100
97 22.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 45.569 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampled :

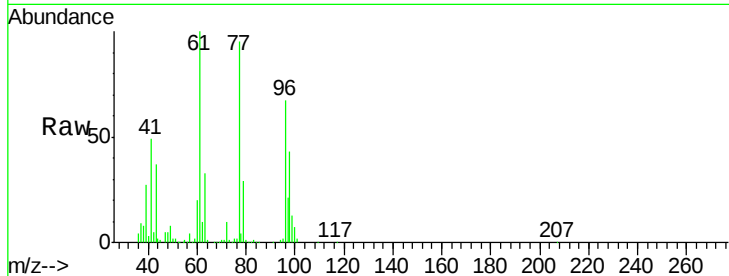
Tot Ion: 96 Resp: 127388

Ion Ratio Lower Upper

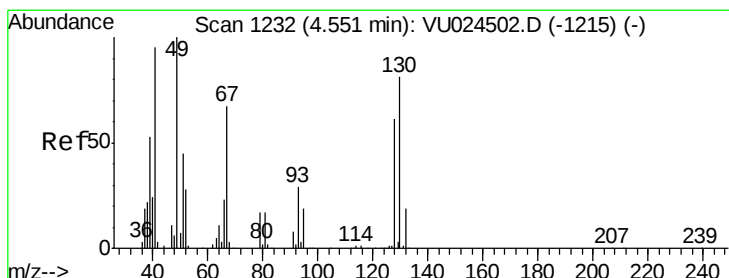
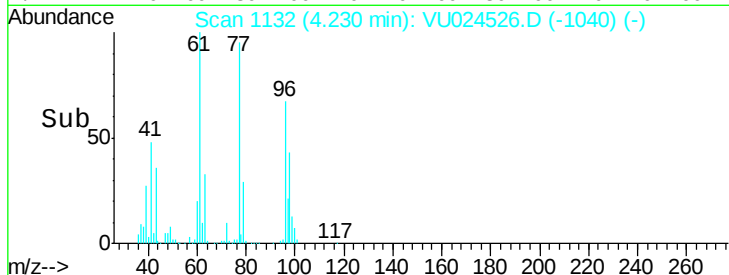
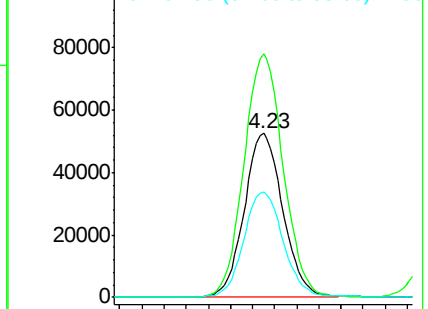
96 100

61 151.5 0.0 306.6

98 64.3 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: 48.904 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

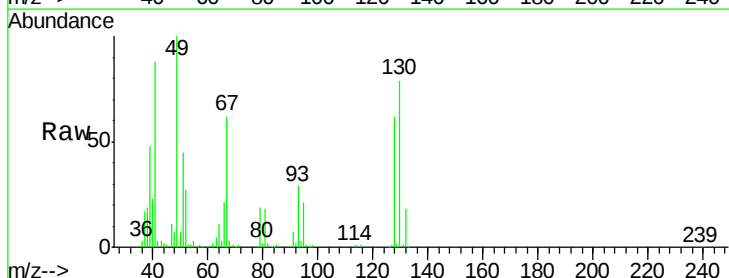
Tgt Ion: 49 Resp: 100695

Ion Ratio Lower Upper

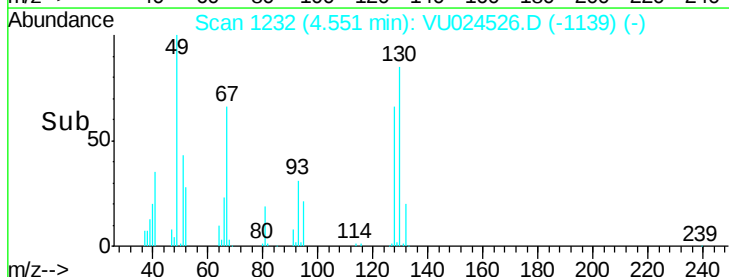
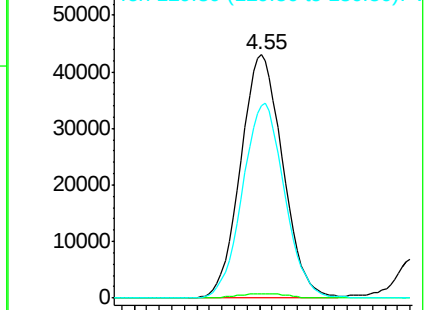
49 100

129 2.1 0.0 3.8

130 79.8 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: 216.442 ug/l

RT: 4.64 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

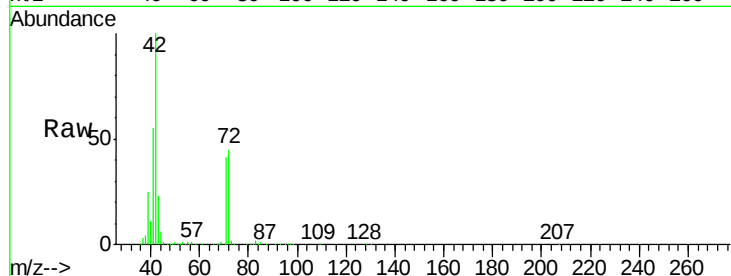
Tot Ion: 42 Resp: 306198

Ion Ratio Lower Upper

42 100

72 45.2 34.5 51.7

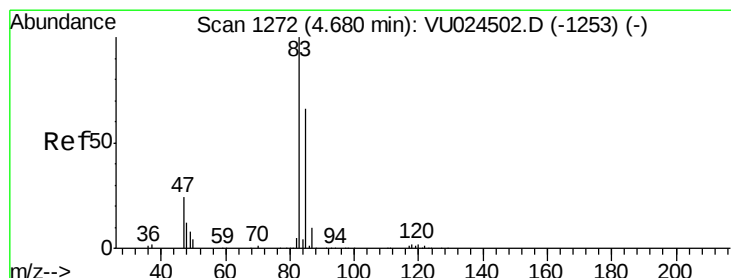
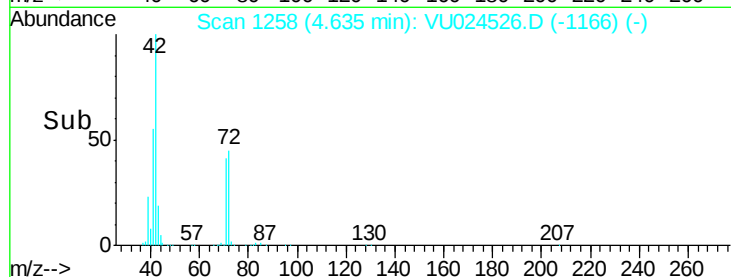
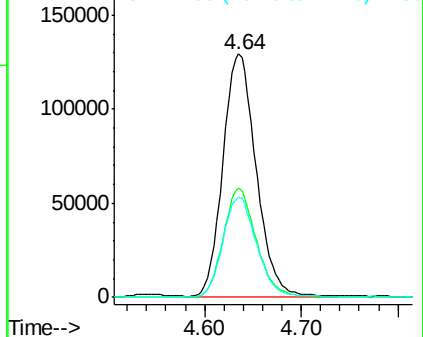
71 41.9 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 45.083 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024526.D

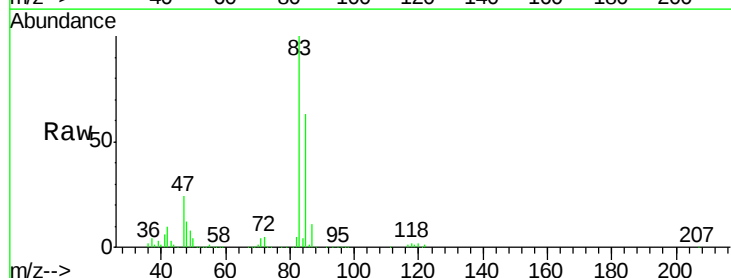
Acq: 14 Jun 2018 09:52

Tgt Ion: 83 Resp: 213311

Ion Ratio Lower Upper

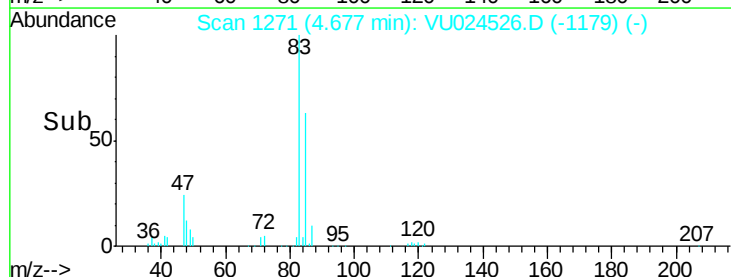
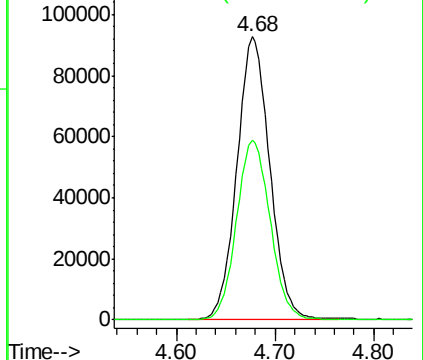
83 100

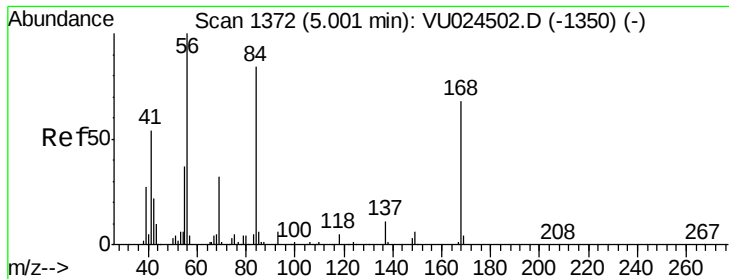
85 63.2 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

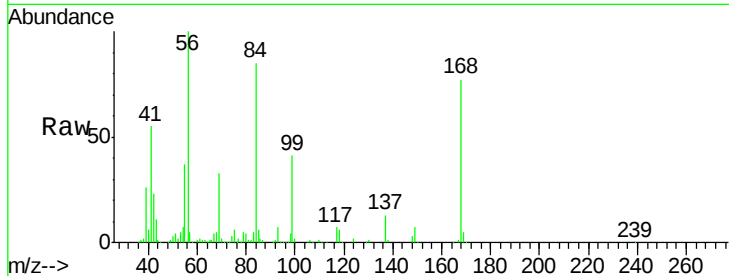




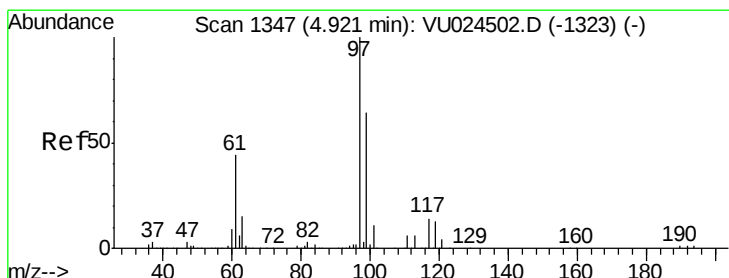
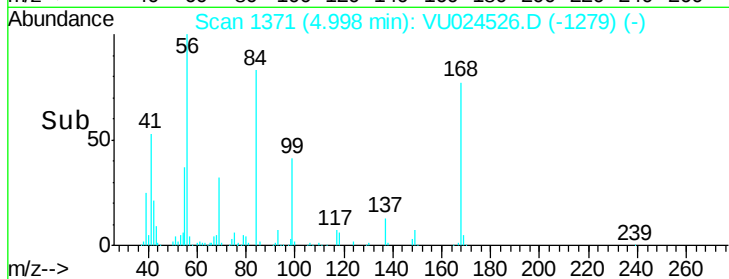
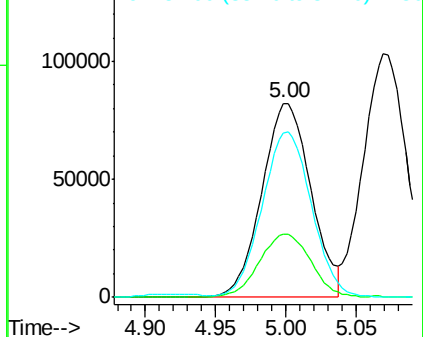
#31
Cyclohexane
Concen: 47.577 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 197901
Ion Ratio Lower Upper
56 100
69 32.6 24.8 37.2
84 83.3 65.2 97.8

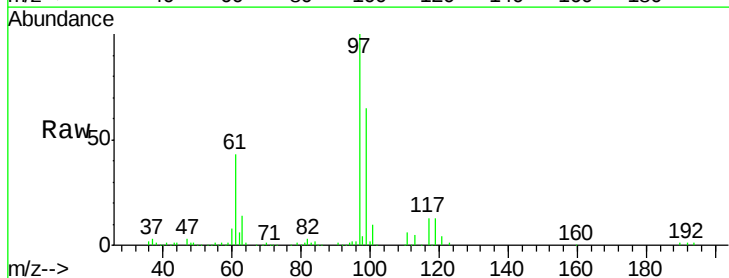


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

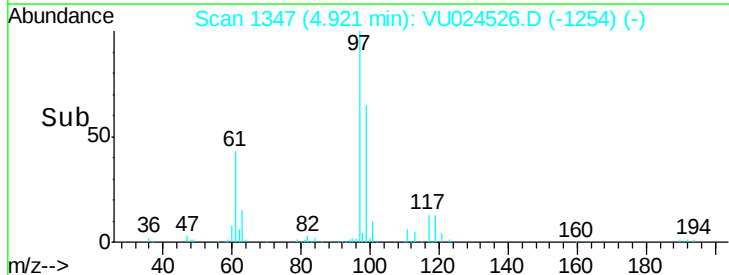
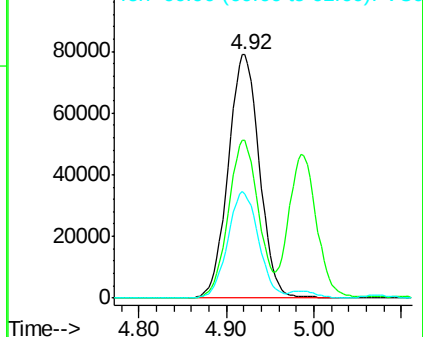


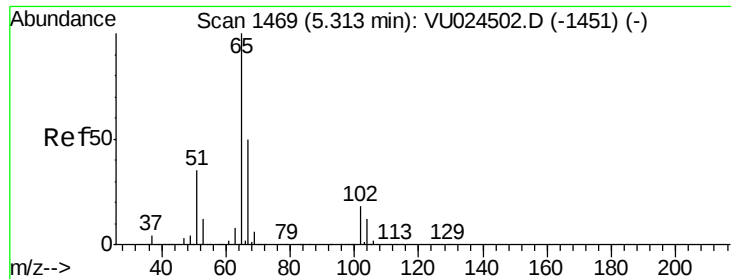
#32
1,1,1-Trichloroethane
Concen: 44.268 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 97 Resp: 193686
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.6
61 43.6 39.4 59.0



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 42.559 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

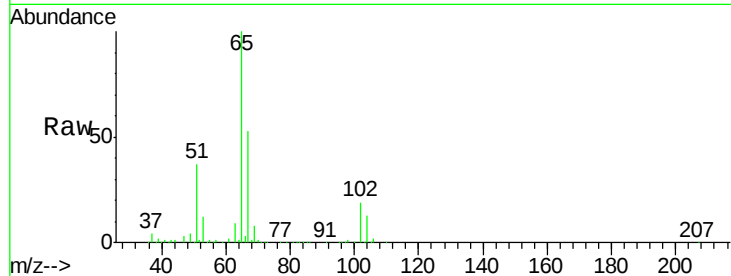
ClientSampleId :

Tot Ion: 65 Resp: 134711

Ion Ratio Lower Upper

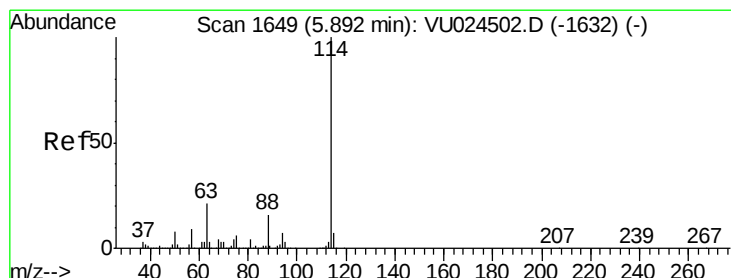
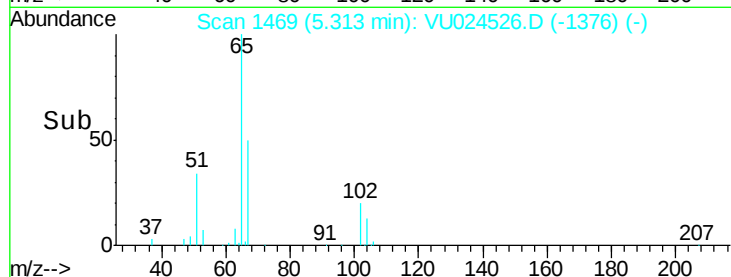
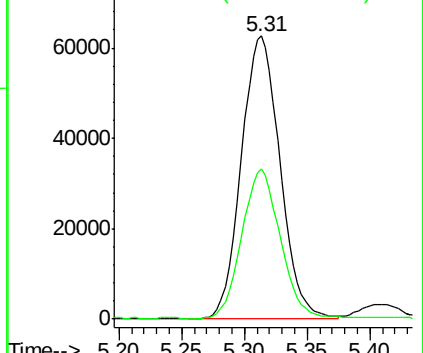
65 100

67 52.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024526.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024526.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

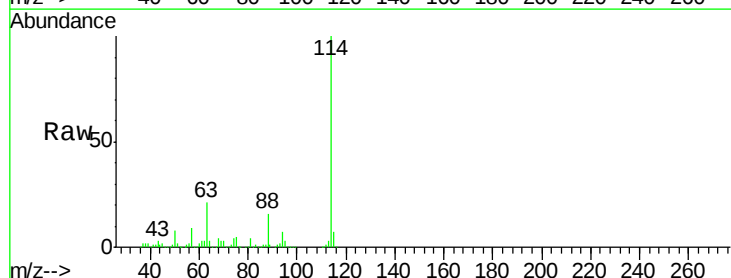
Tgt Ion: 114 Resp: 292564

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

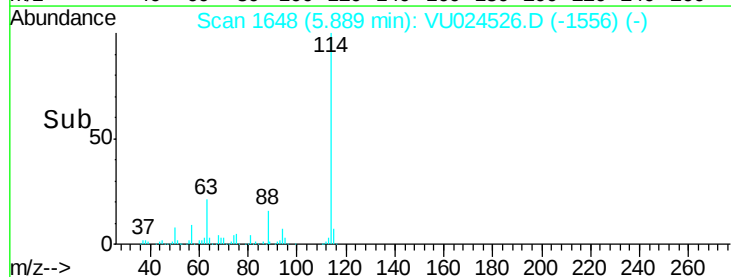
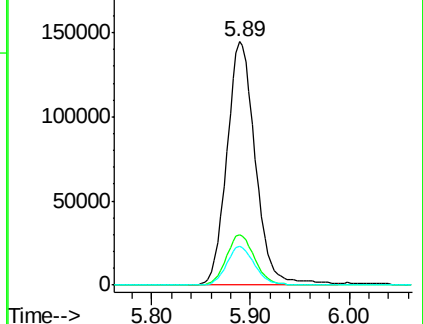
88 15.8 0.0 31.0

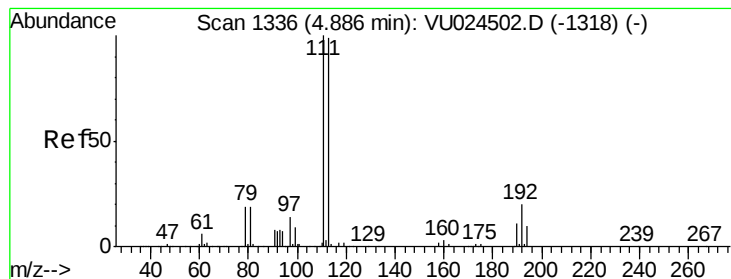


Abundance Ion 113.90 (113.60 to 114.60): VU024526.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024526.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024526.D (-1556) (-)





#35

Dibromofluoromethane

Concen: 46.372 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

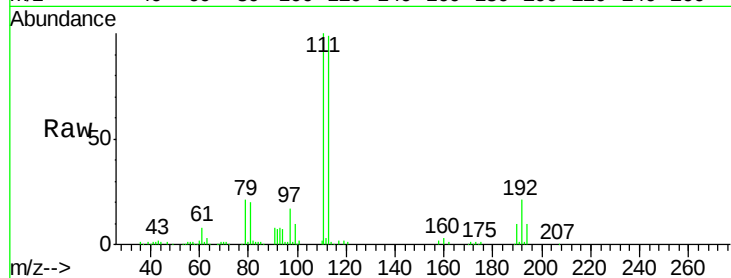
Tot Ion:113 Resp: 112594

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

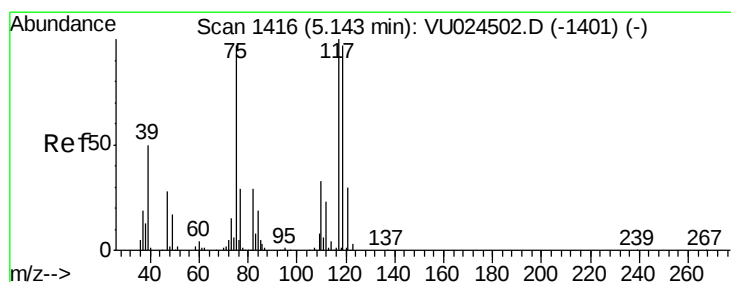
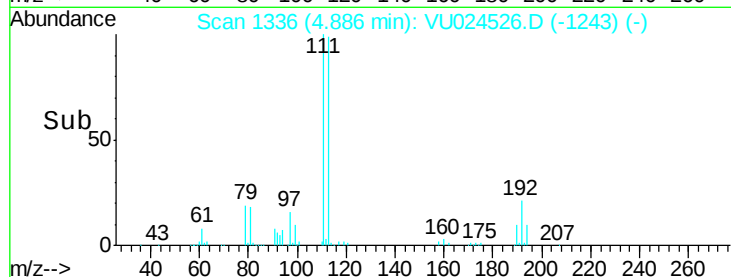
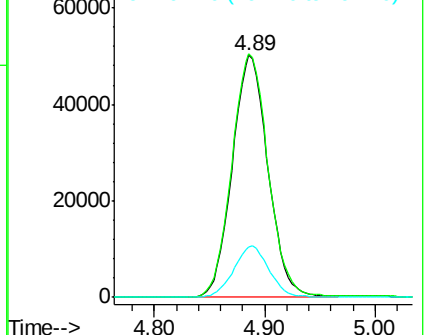
192 20.9 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.305 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

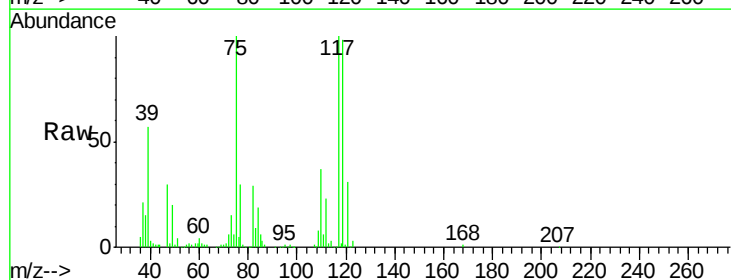
Tgt Ion: 75 Resp: 162629

Ion Ratio Lower Upper

75 100

110 37.0 17.0 50.9

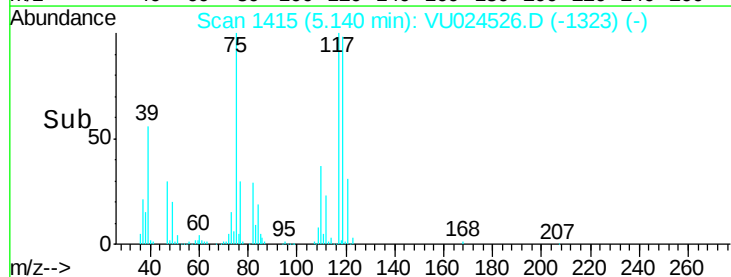
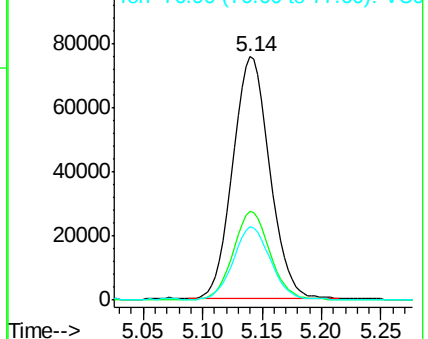
77 30.1 24.2 36.4

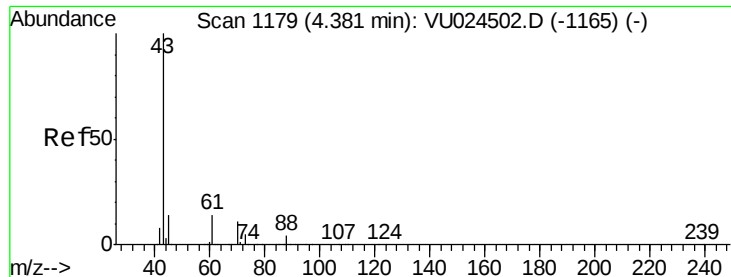


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

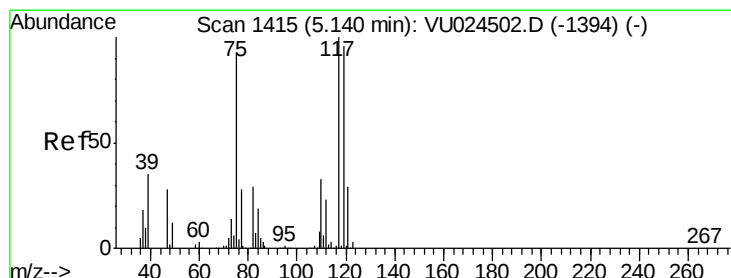
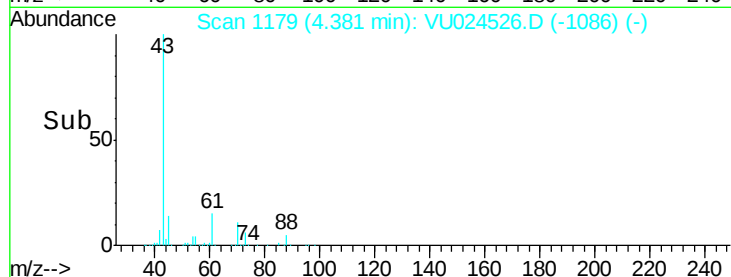
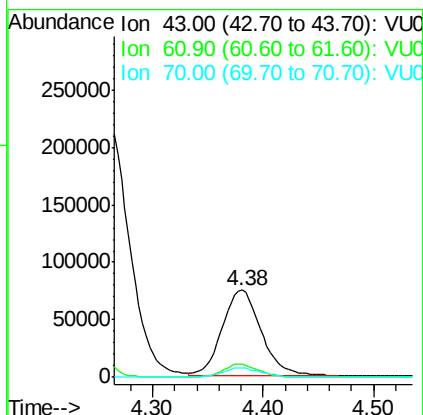
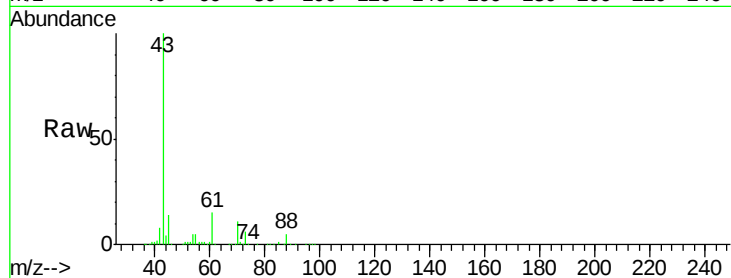




#37
Ethyl Acetate
Concen: 48.948 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

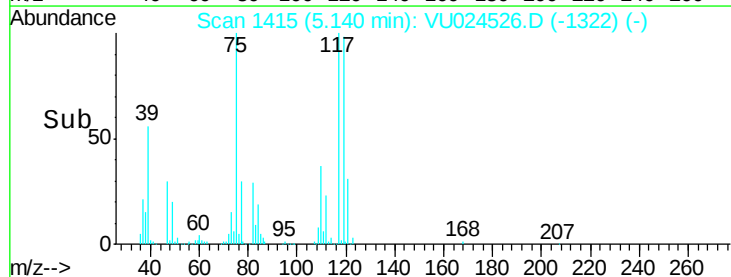
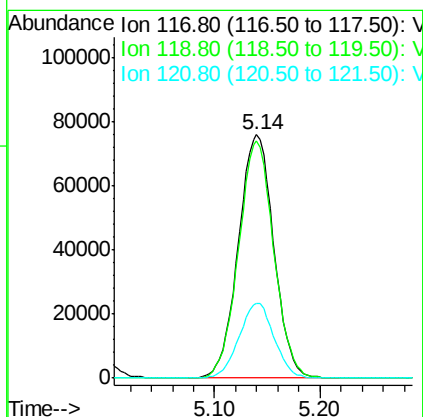
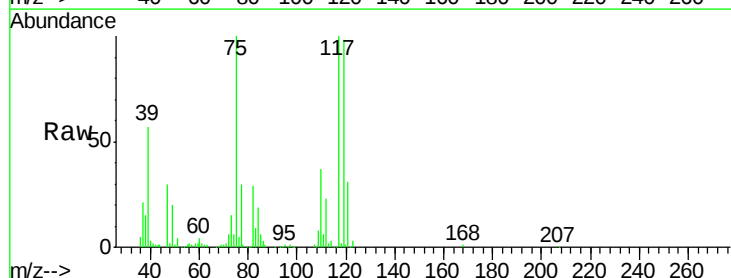
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 183410
Ion Ratio Lower Upper
43 100
61 14.4 10.5 15.7
70 10.5 7.4 11.2



#38
Carbon Tetrachloride
Concen: 46.931 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 117 Resp: 177421
Ion Ratio Lower Upper
117 100
119 97.5 76.1 114.1
121 30.7 23.7 35.5

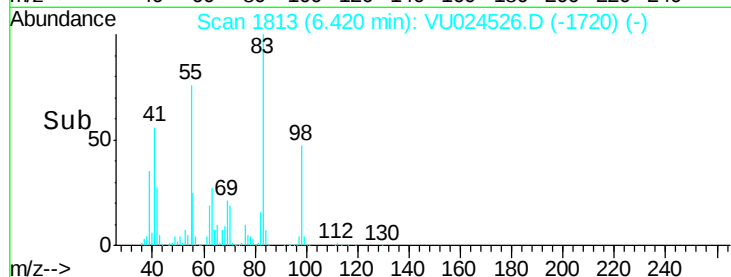
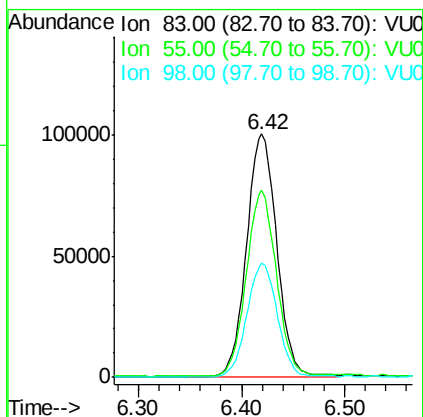
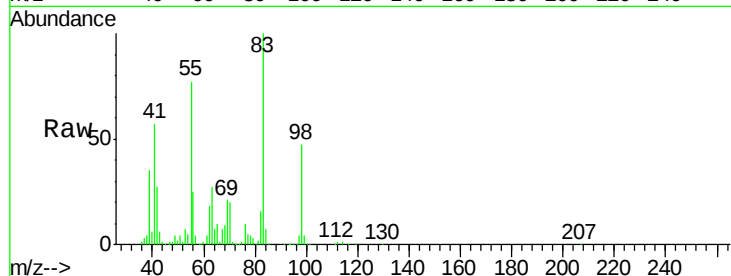




#39
Methvlcvclohexane
Concen: 47.695 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

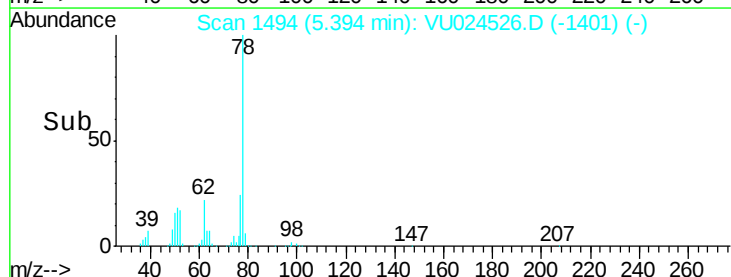
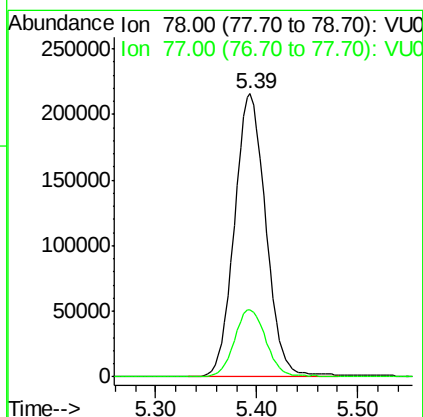
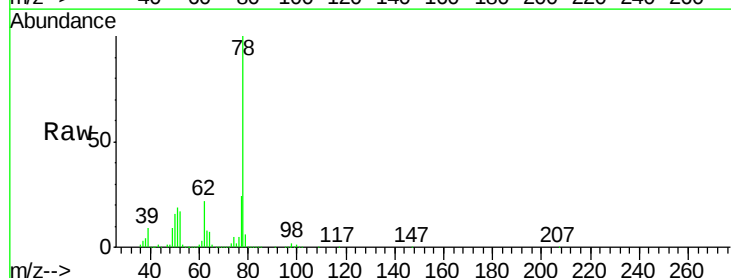
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 204621
Ion Ratio Lower Upper
83 100
55 76.4 65.8 98.6
98 46.6 36.7 55.1



#40
Benzene
Concen: 47.655 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 78 Resp: 466833
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

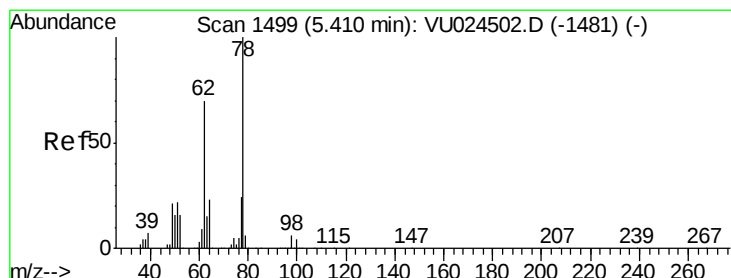
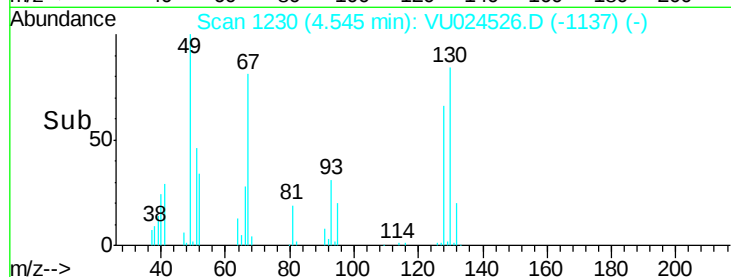
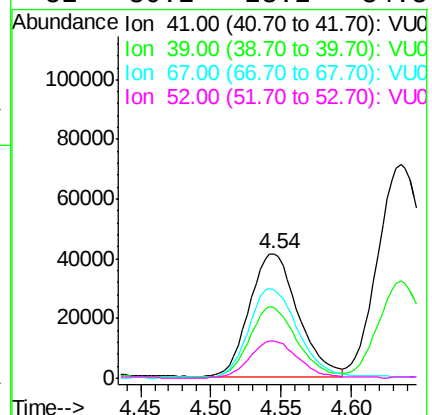
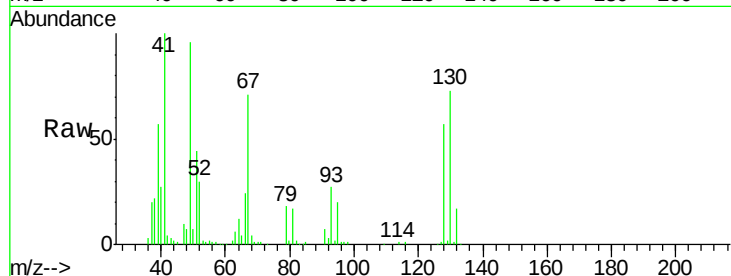




#41
Methacrylonitrile
Concen: 48.879 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

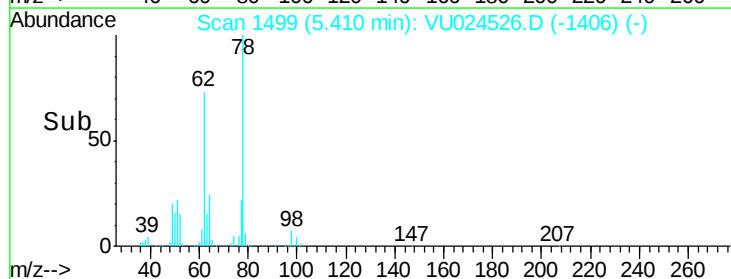
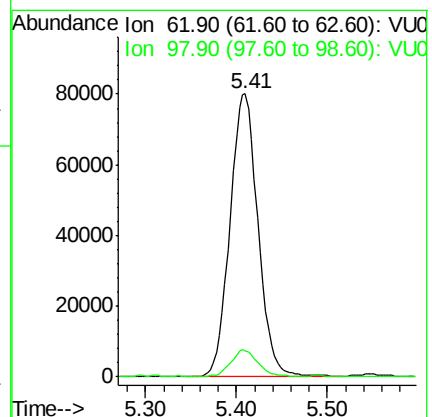
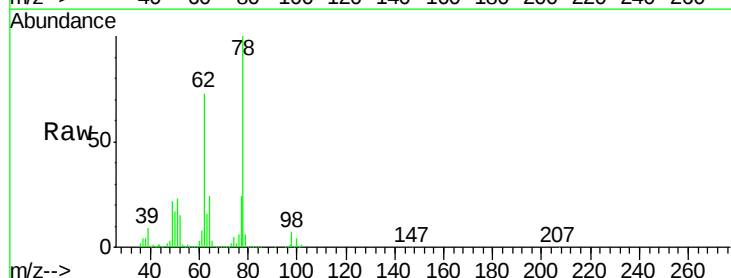
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	98747
Ion	Ratio	Lower	Upper
41	100		
39	55.4	43.8	65.6
67	73.8	56.3	84.5
52	30.2	23.2	34.8



#42
1,2-Dichloroethane
Concen: 45.998 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion:	62	Resp:	171616
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 46.224 ug/l

RT: 5.55 min Scan# 1542

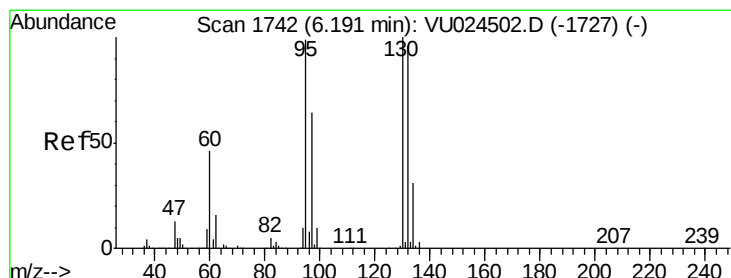
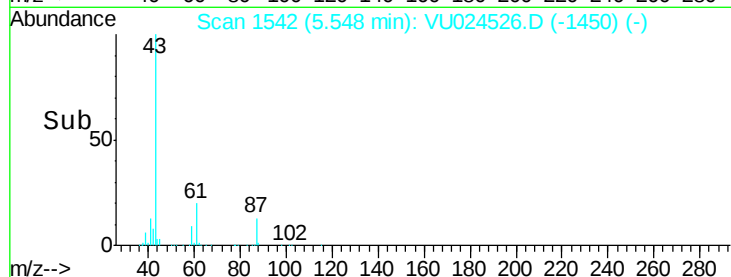
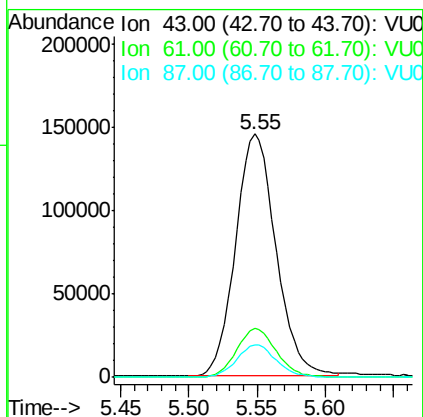
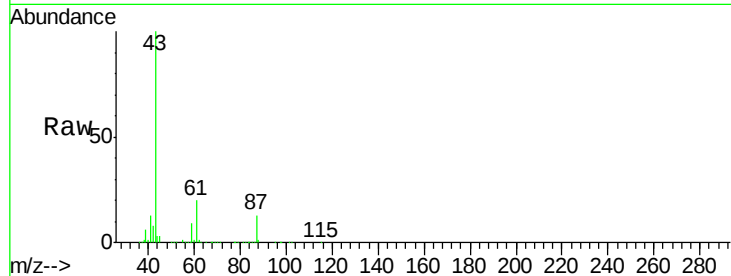
Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	299387
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	13.3	10.0	15.0



#44

Trichloroethene

Concen: 46.661 ug/l

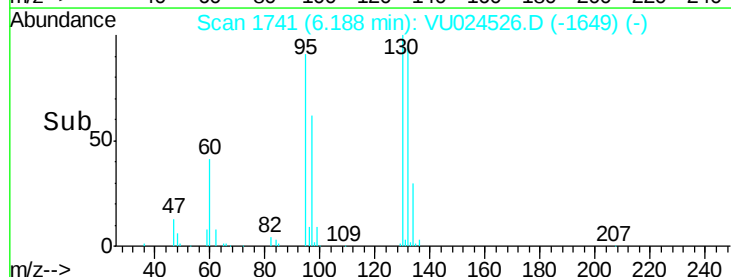
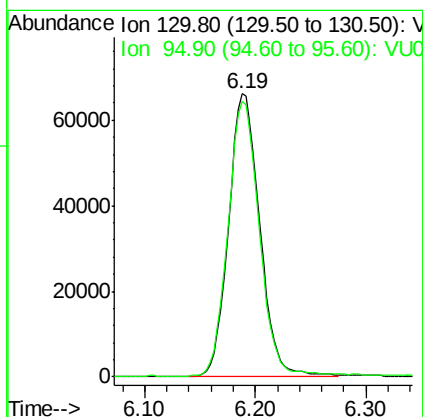
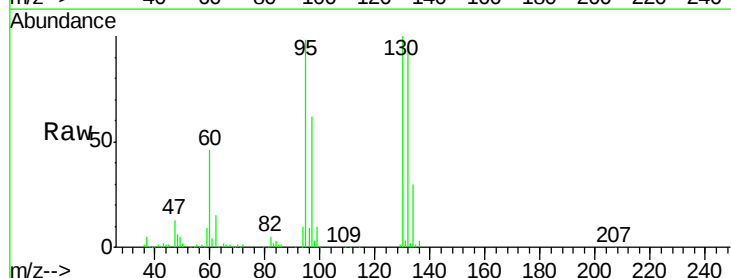
RT: 6.19 min Scan# 1741

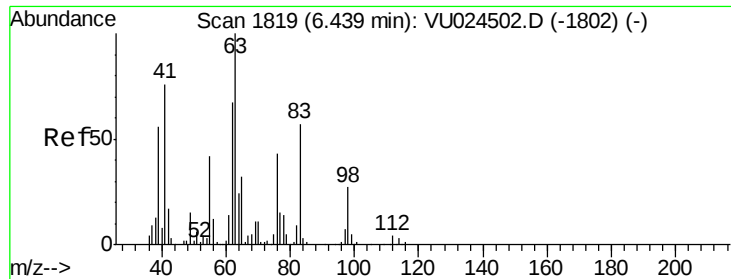
Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Tgt Ion:	130	Resp:	130087
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	202.4

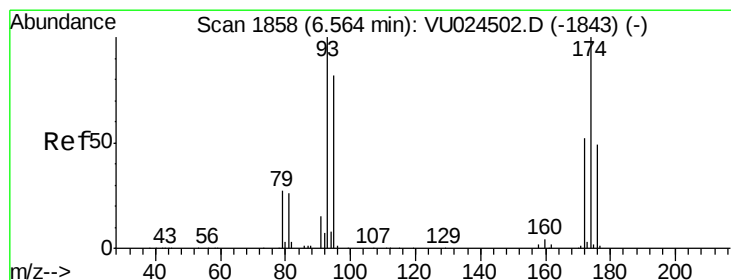
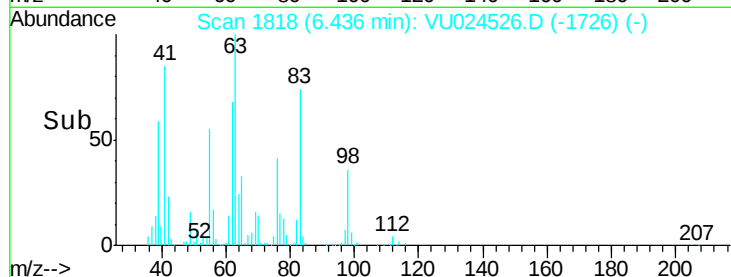
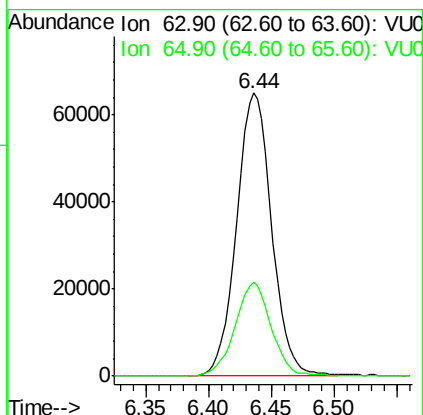
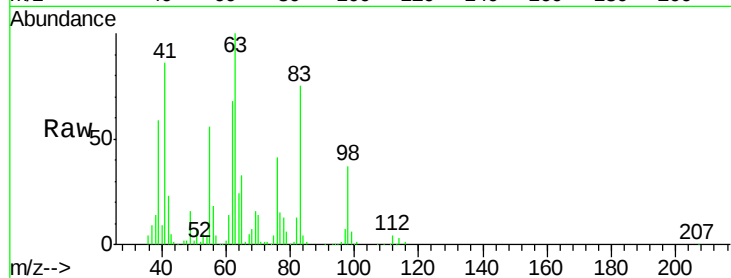




#45
 1,2-Dichloropropane
 Concen: 48.390 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

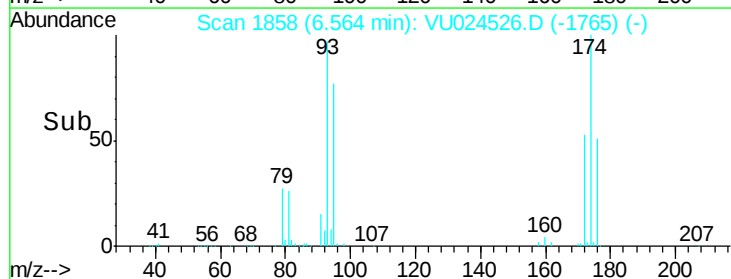
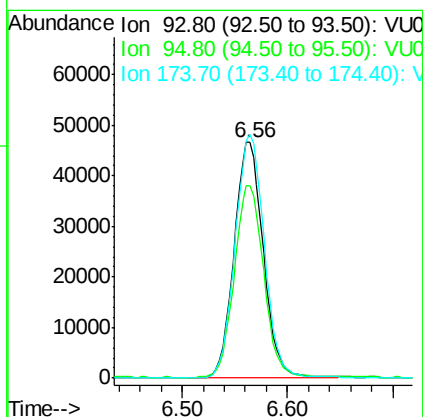
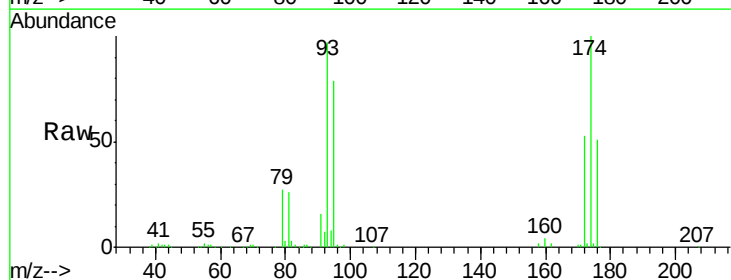
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 126483
 Ion Ratio Lower Upper
 63 100
 65 33.0 24.8 37.2



#46
 Dibromomethane
 Concen: 48.807 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion: 93 Resp: 89608
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.5 98.3
 174 103.1 78.7 118.1





#47

Bromodichloromethane

Concen: 47.818 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampled :

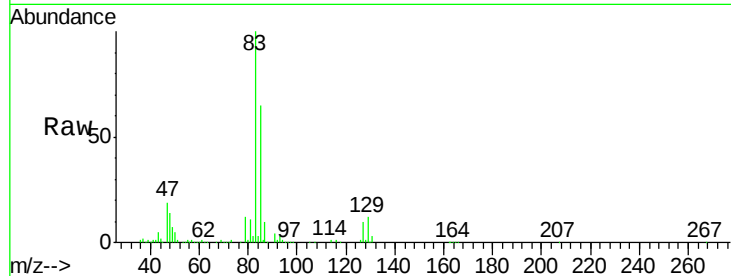
Tot Ion: 83 Resp: 174818

Ion Ratio Lower Upper

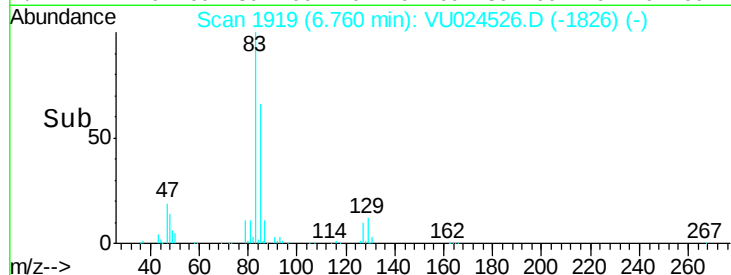
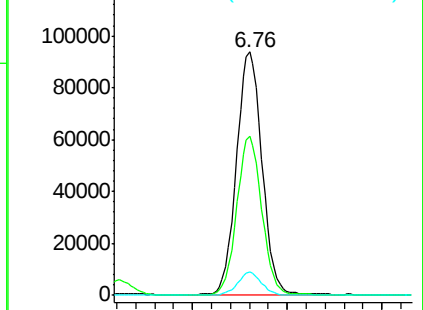
83 100

85 65.2 51.9 77.9

127 9.6 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: 46.619 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

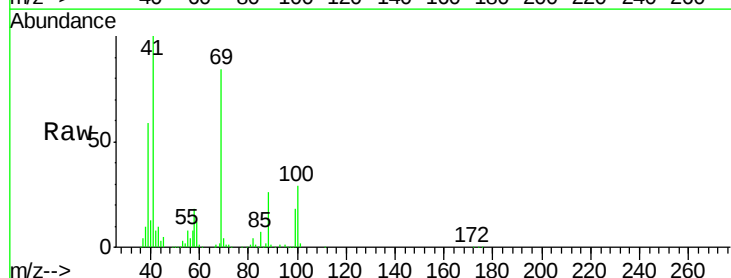
Tgt Ion: 41 Resp: 147029

Ion Ratio Lower Upper

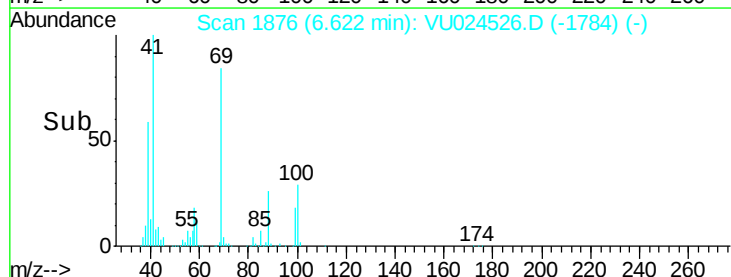
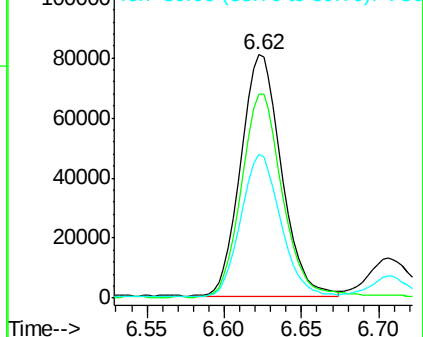
41 100

69 85.5 67.3 100.9

39 58.1 46.5 69.7



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

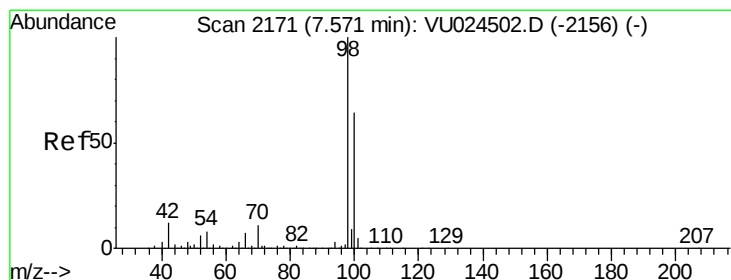
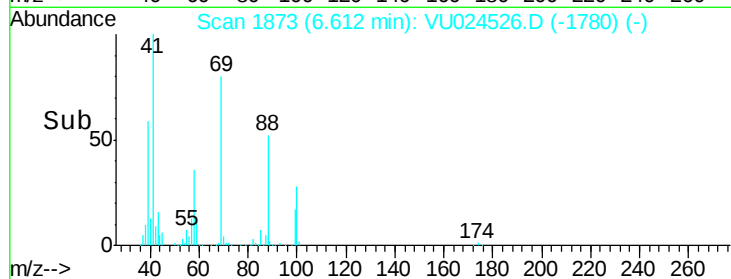
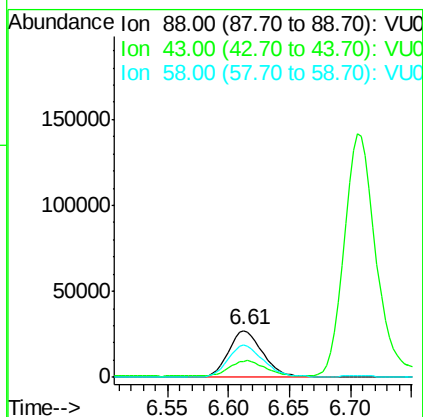
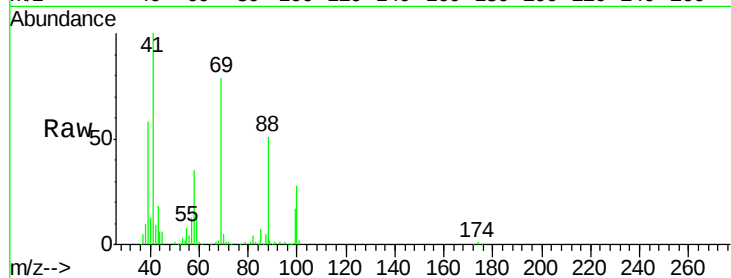




#49
1,4-Dioxane
Concen: 848.493 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

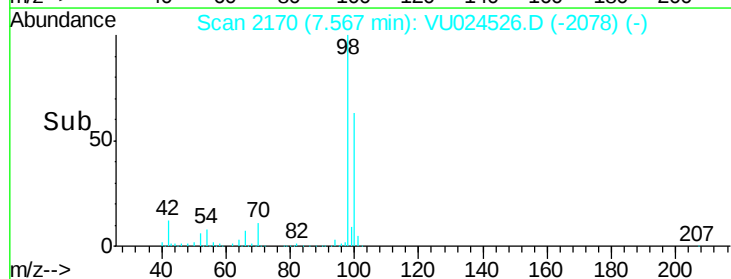
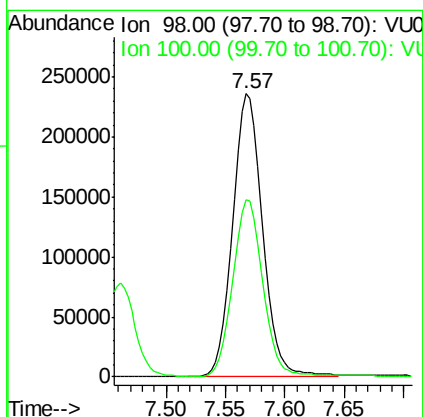
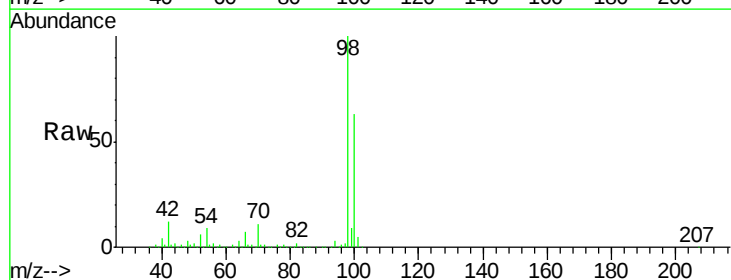
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 88 Resp: 52333
Ion Ratio Lower Upper
88 100
43 36.0 28.6 42.8
58 71.4 58.2 87.4



#50
Toluene-d8
Concen: 46.397 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 98 Resp: 410915
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7

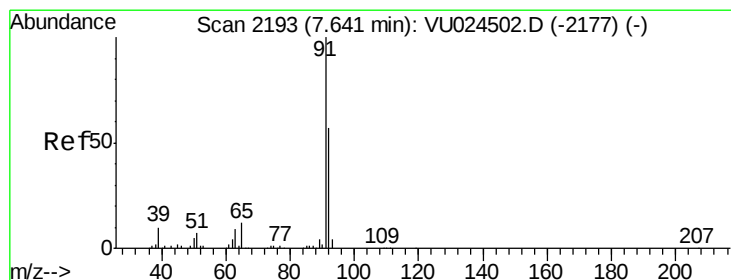
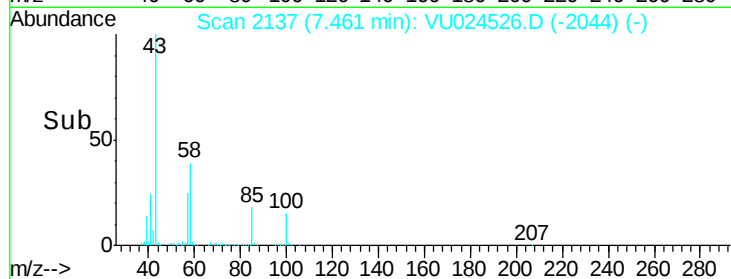
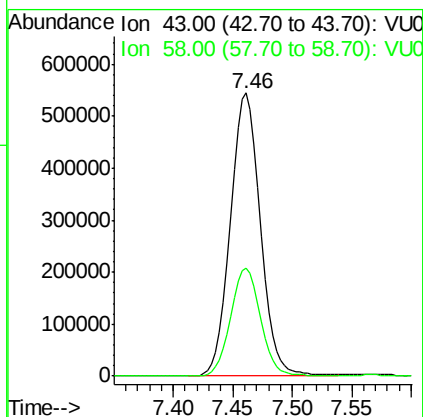
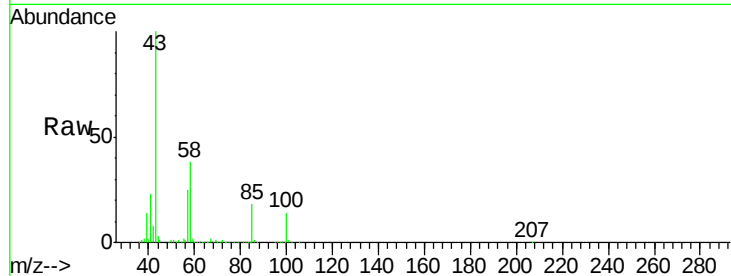




#51
4-Methyl-2-Pentanone
Concen: 233.022 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

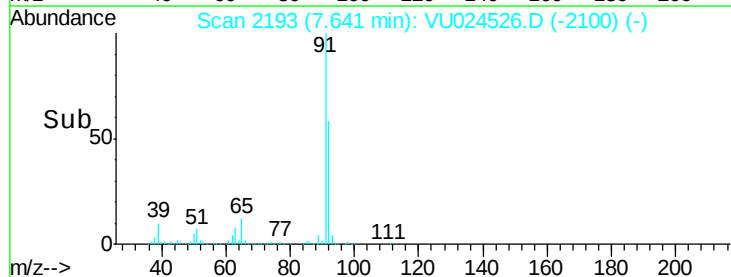
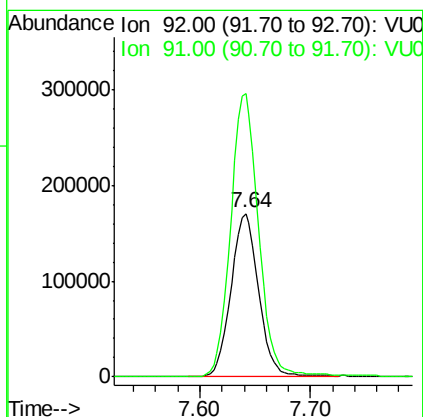
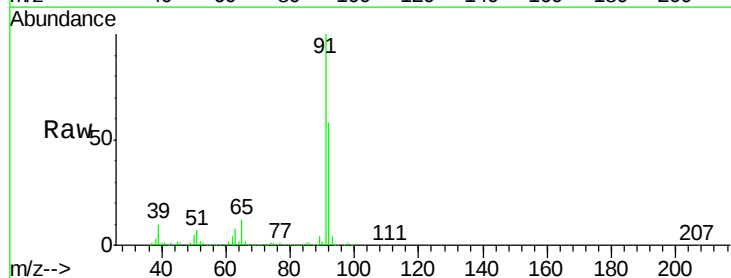
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 948191
Ion Ratio Lower Upper
43 100
58 38.5 30.0 45.0



#52
Toluene
Concen: 47.156 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 92 Resp: 297197
Ion Ratio Lower Upper
92 100
91 177.1 140.5 210.7

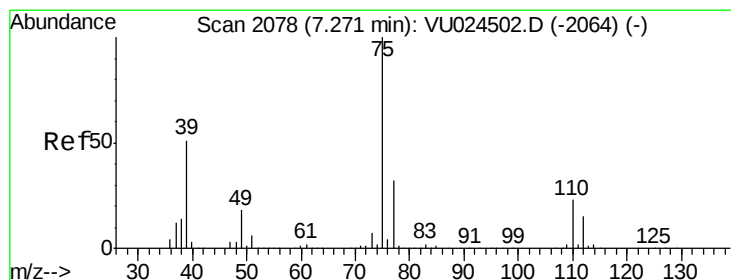
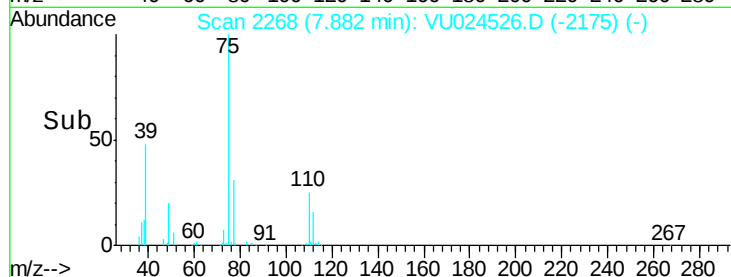
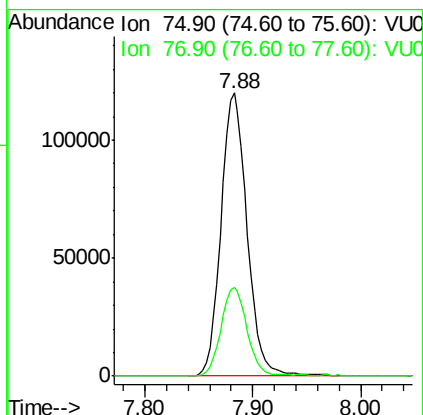
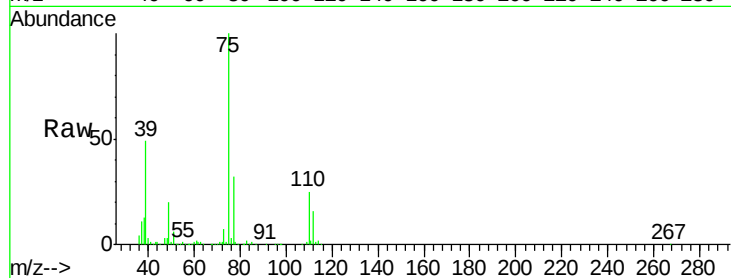




#53
 t-1,3-Dichloropropene
 Concen: 49.047 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

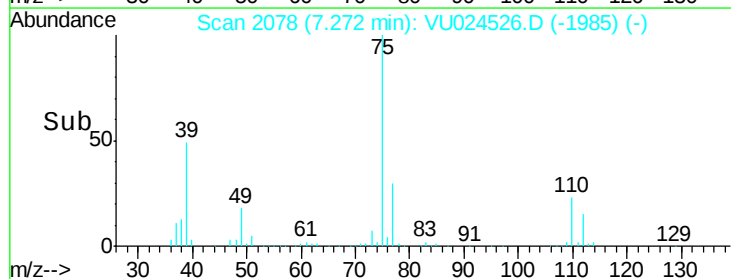
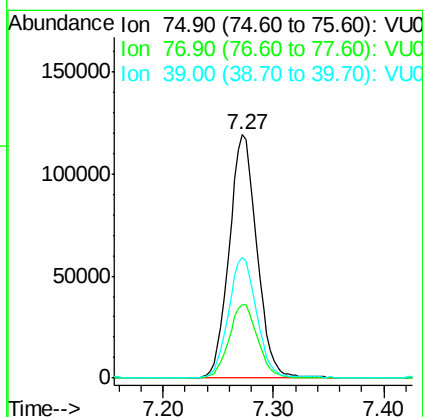
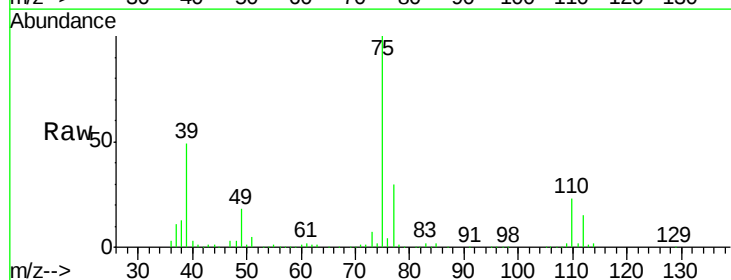
Instrument :
 MSVOA_U
 ClientSampled :

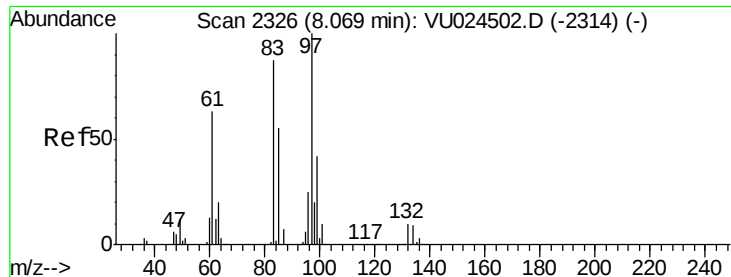
Tot Ion: 75 Resp: 201371
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.513 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion: 75 Resp: 207860
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8
 39 49.3 39.8 59.6

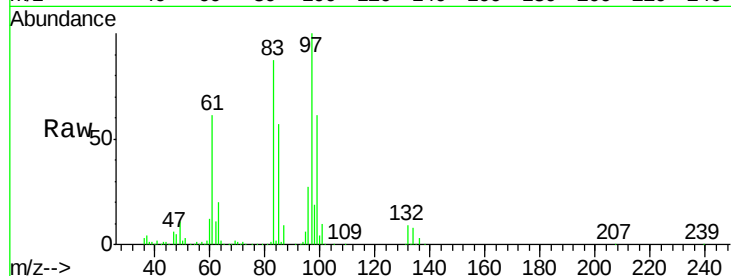




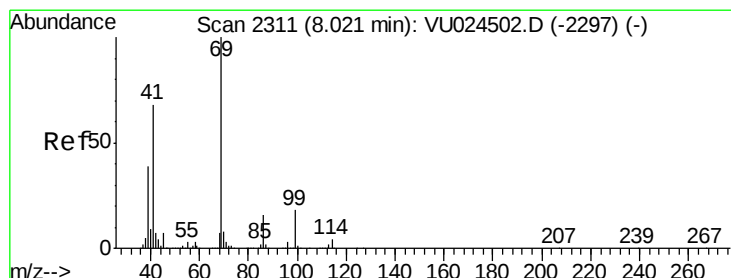
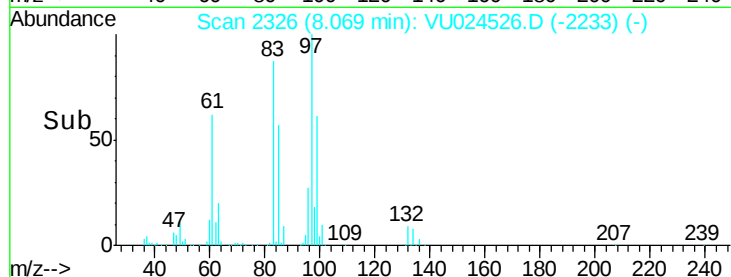
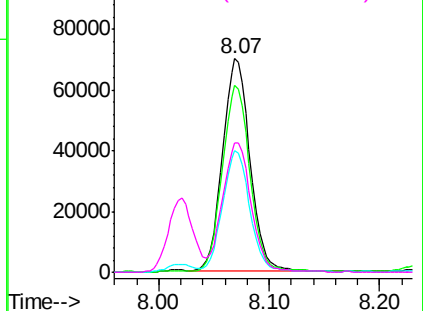
#55
 1,1,2-Trichloroethane
 Concen: 47.075 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	97	Resp:	120598
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.5	105.7
85	56.9	46.4	69.6
99	60.7	50.2	75.2

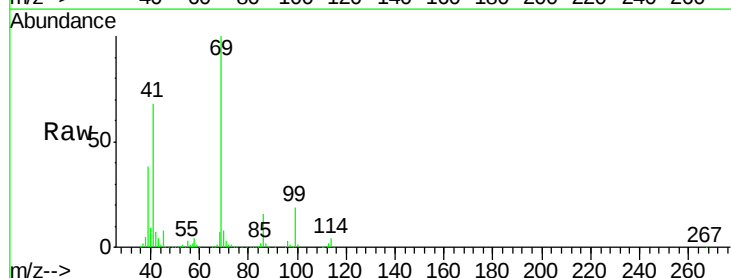


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

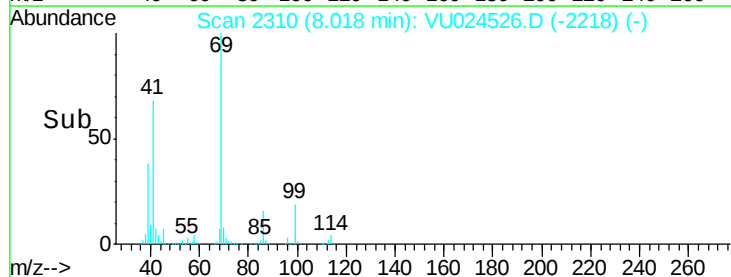
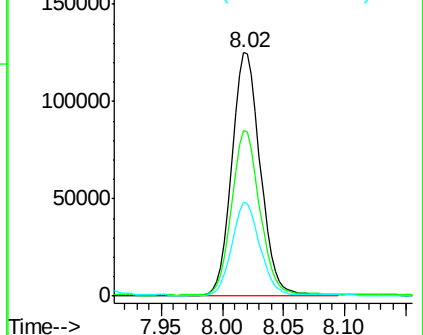


#56
 Ethyl methacrylate
 Concen: 47.207 ug/l
 RT: 8.02 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion:	69	Resp:	202419
Ion	Ratio	Lower	Upper
69	100		
41	66.6	54.1	81.1
39	37.9	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

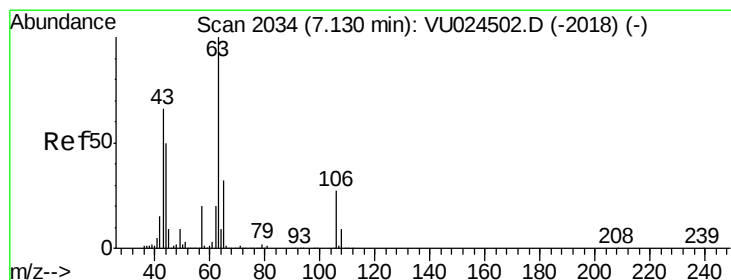
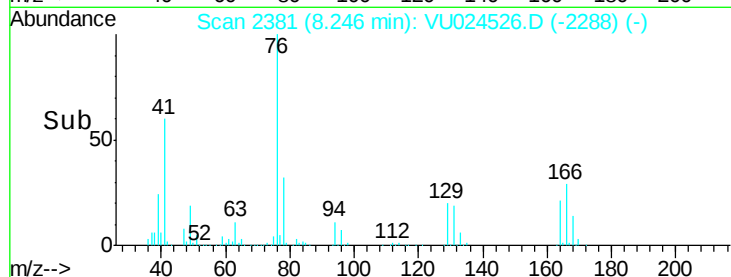
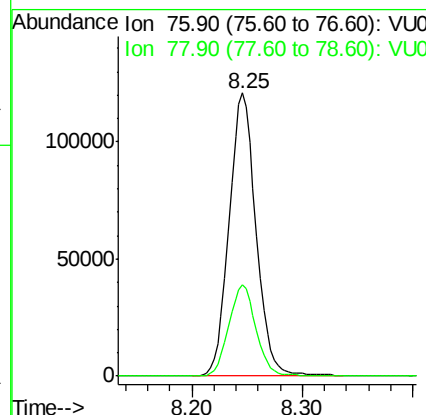
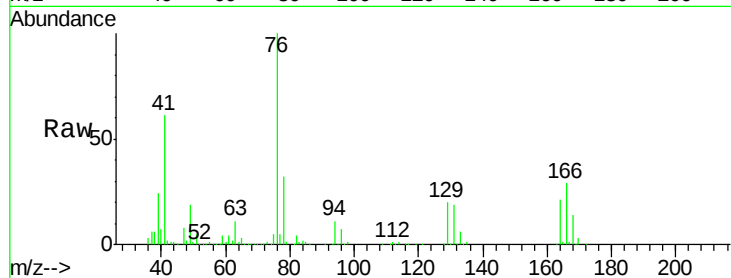




#57
 1,3-Dichloropropane
 Concen: 47.404 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

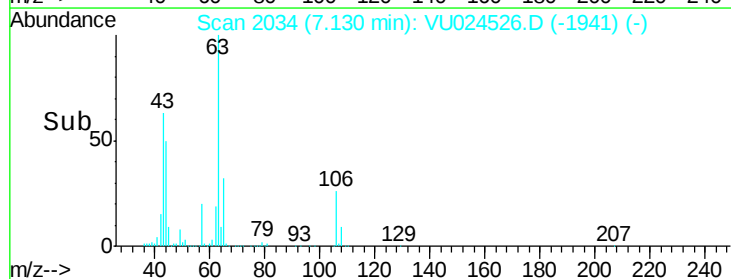
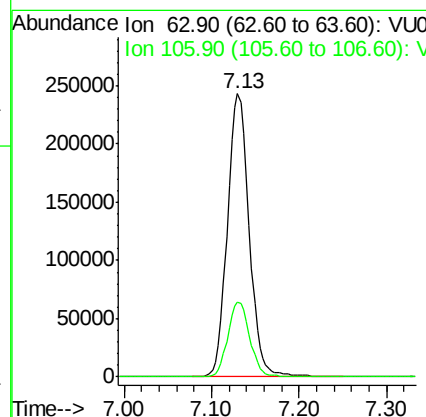
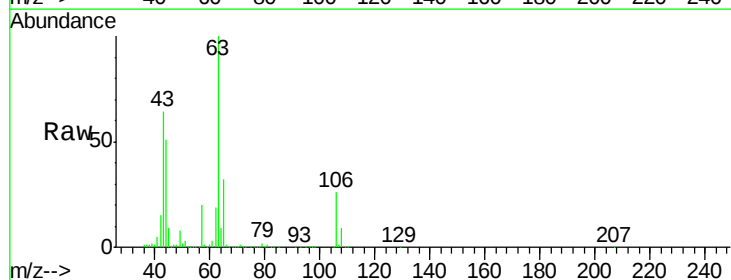
Instrument :
 MSVOA_U
 ClientSampled :

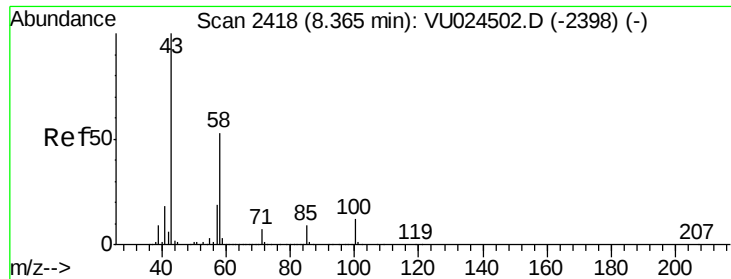
Tot Ion: 76 Resp: 204864
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.307 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion: 63 Resp: 421038
 Ion Ratio Lower Upper
 63 100
 106 26.7 20.2 30.2

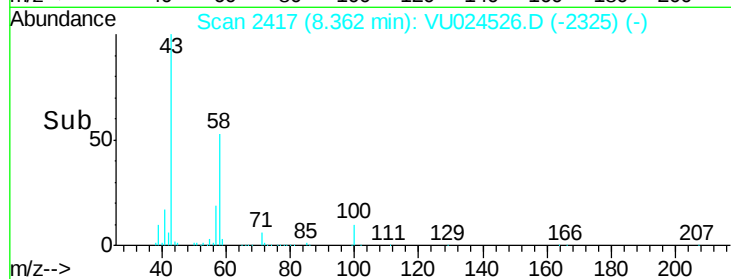
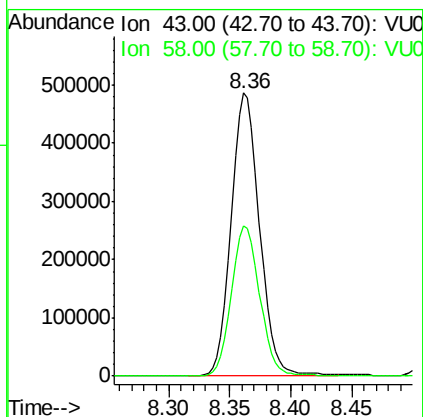
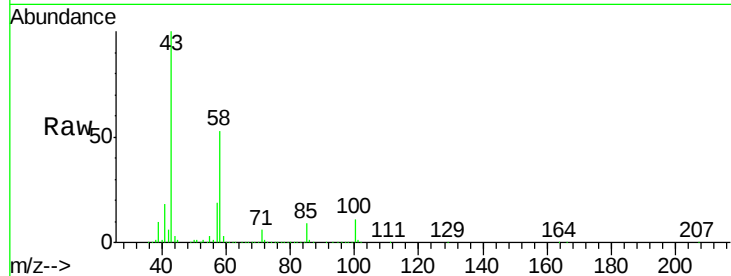




#59
2-Hexanone
Concen: 236.831 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

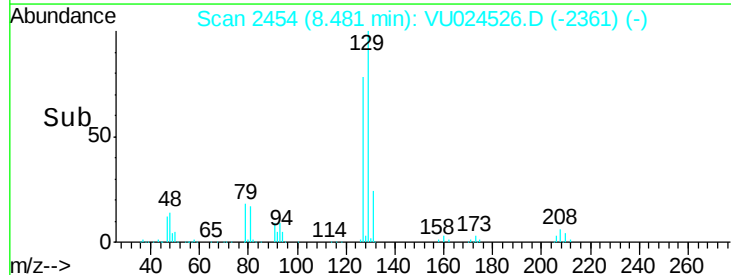
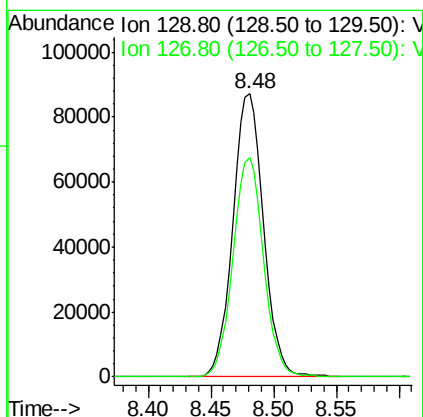
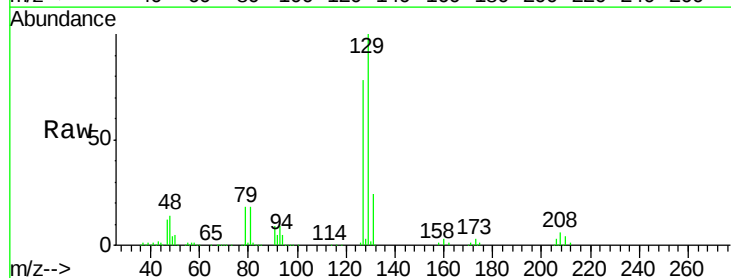
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 786761
Ion Ratio Lower Upper
43 100
58 53.4 26.4 79.0



#60
Dibromochloromethane
Concen: 46.407 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 129 Resp: 148255
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 47.656 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

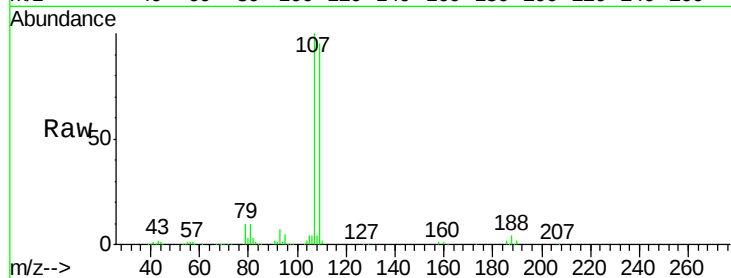
ClientSampleId :

Tot Ion:107 Resp: 135887

Ion Ratio Lower Upper

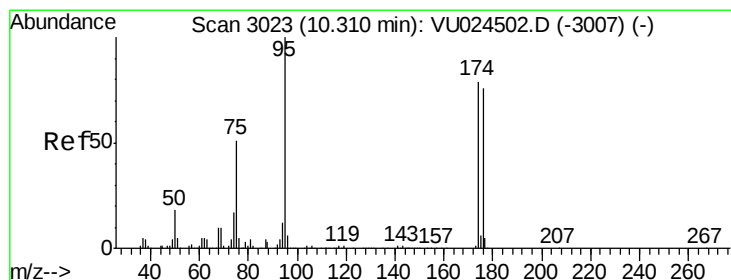
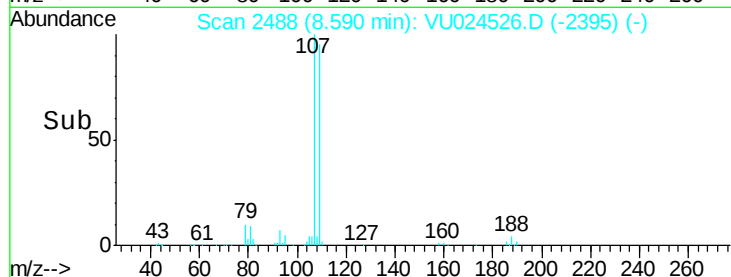
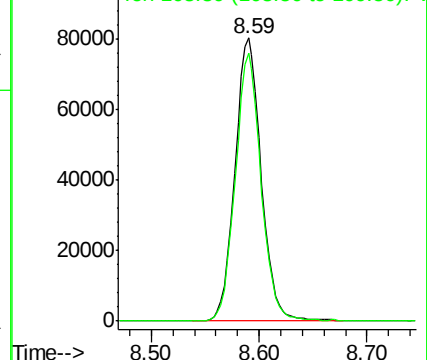
107 100

109 92.4 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.594 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

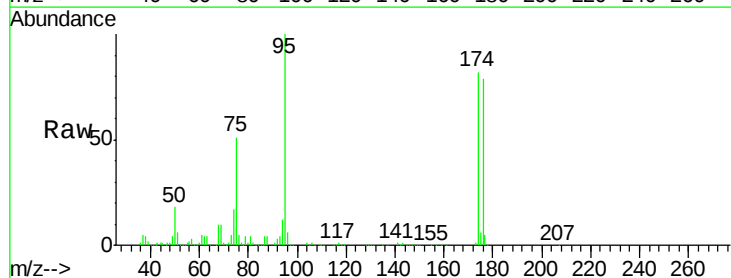
Tgt Ion: 95 Resp: 163845

Ion Ratio Lower Upper

95 100

174 83.5 0.0 165.8

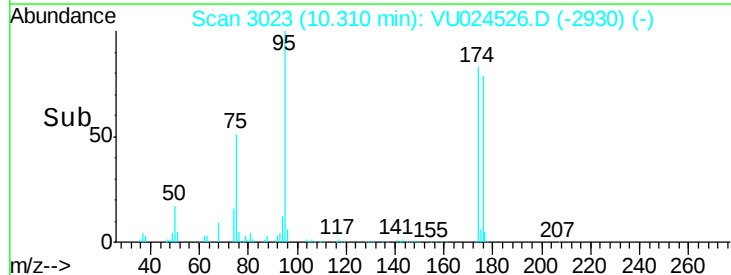
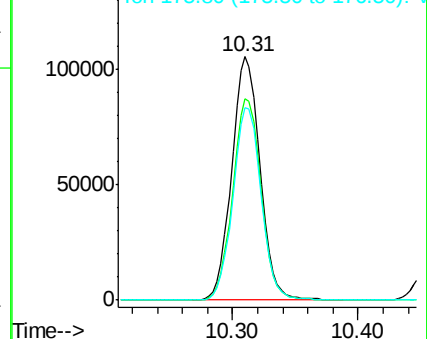
176 79.6 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

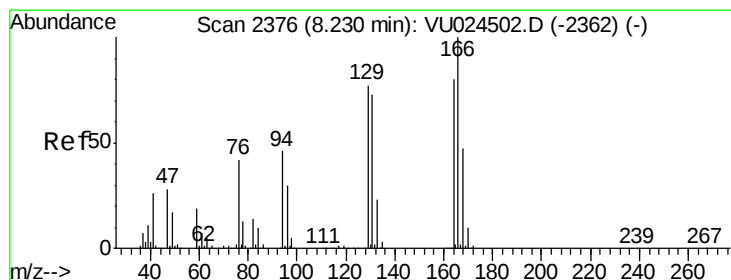
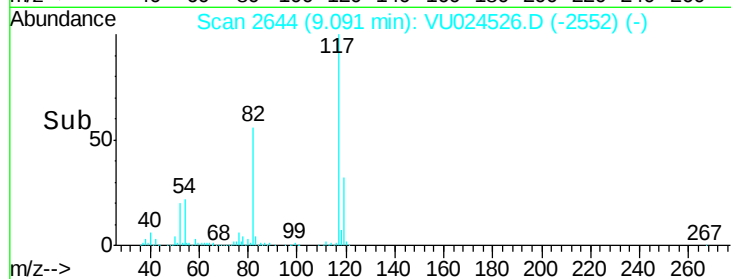
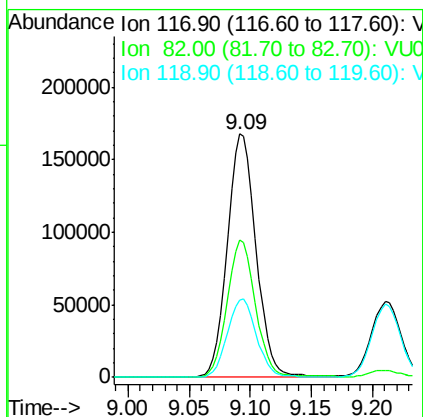
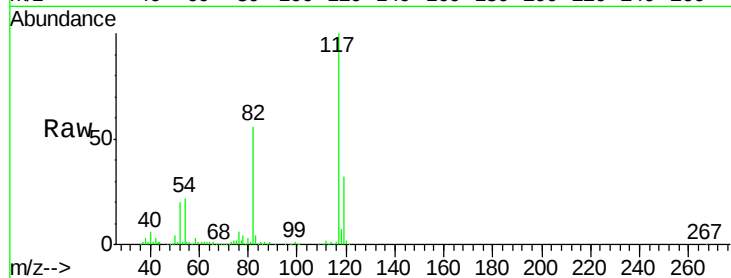




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

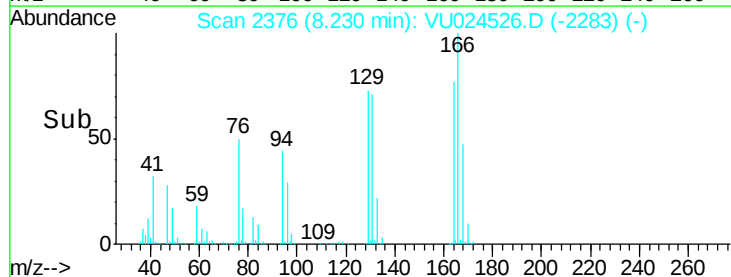
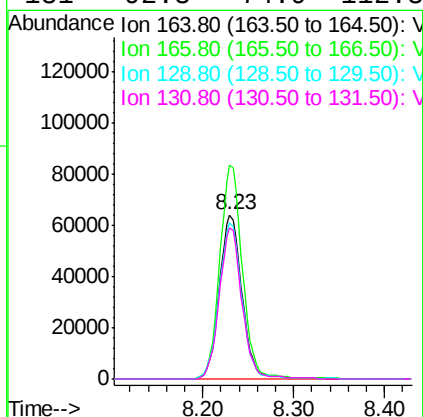
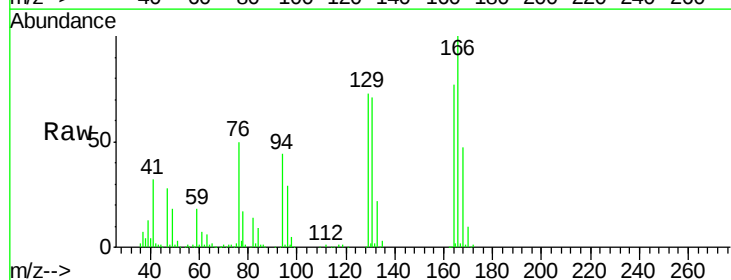
Instrument :
MSVOA_U
ClientSampleId :

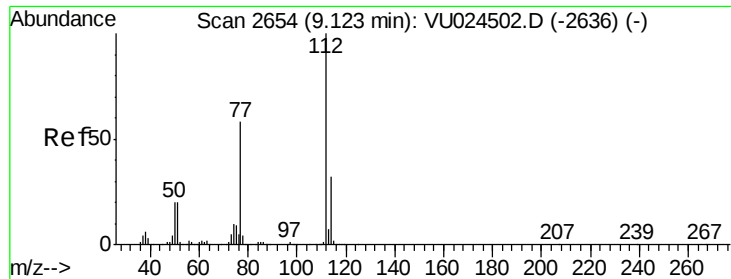
Tot Ion:117 Resp: 277906
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 42.172 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion:164 Resp: 111401
Ion Ratio Lower Upper
164 100
166 130.0 101.7 152.5
129 94.9 76.9 115.3
131 92.3 74.9 112.3

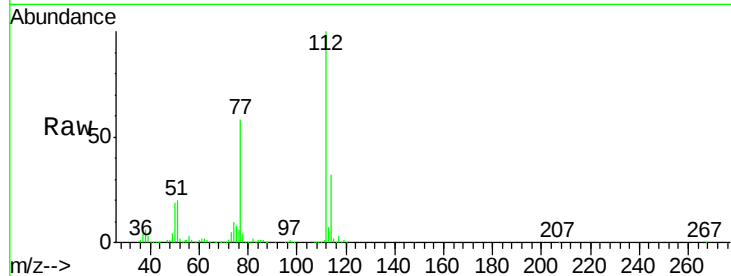




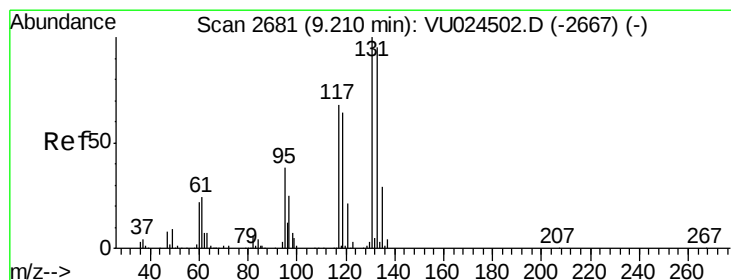
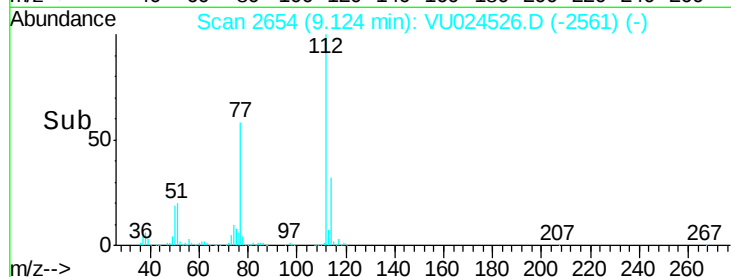
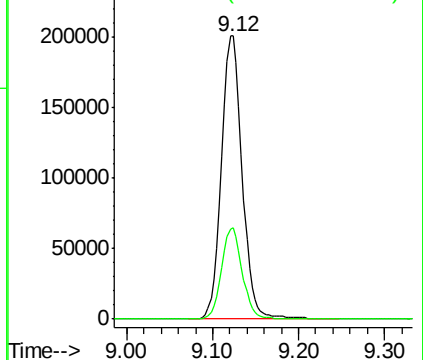
#65
Chlorobenzene
Concen: 47.609 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:112 Resp: 338001
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

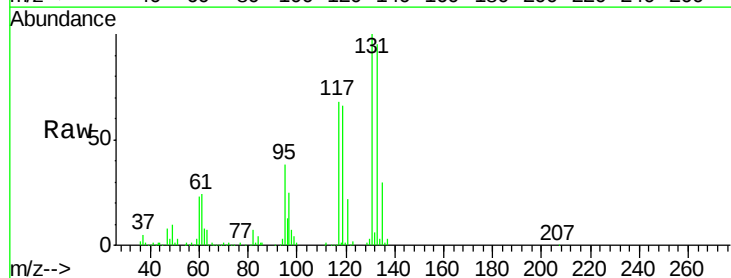


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

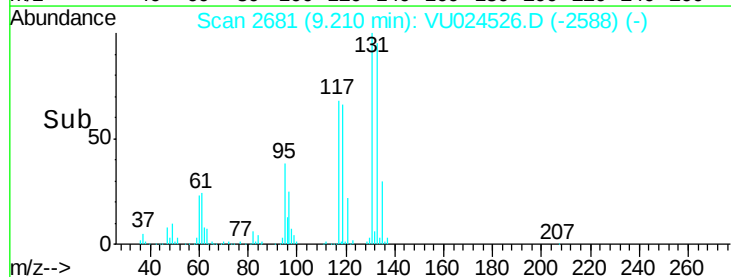
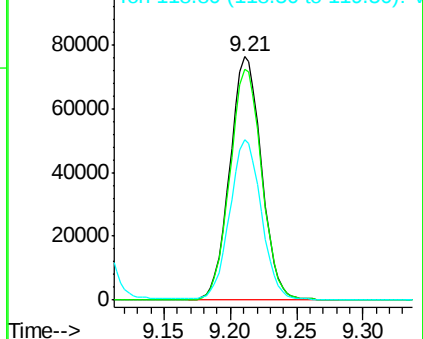


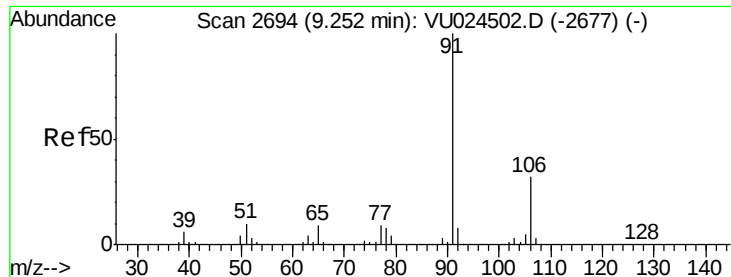
#66
1,1,1,2-Tetrachloroethane
Concen: 46.977 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion:131 Resp: 126709
Ion Ratio Lower Upper
131 100
133 95.8 46.9 140.8
119 65.3 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: 47.444 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

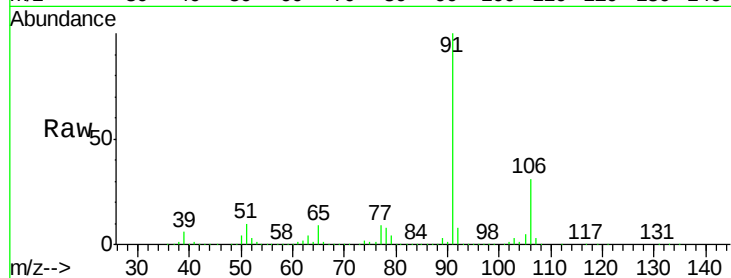
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 590491

Ion Ratio Lower Upper

91 100

106 31.4 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-2677) (-)

Ion 106.00 (105.70 to 106.70): VU024502.D (-2677) (-)

600000

500000

400000

300000

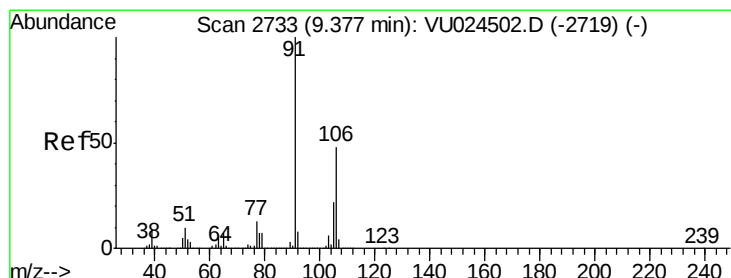
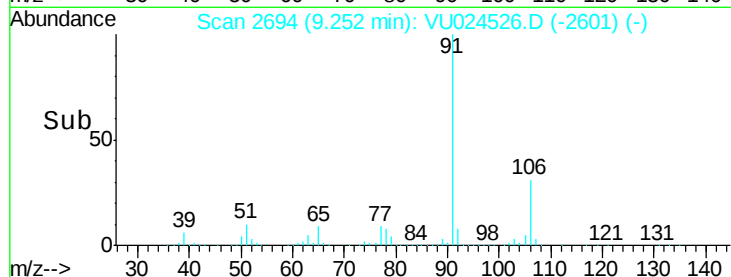
200000

100000

0

9.15 9.20 9.25 9.30 9.35

Time-->



#68

m/p-Xylenes

Concen: 95.401 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024526.D

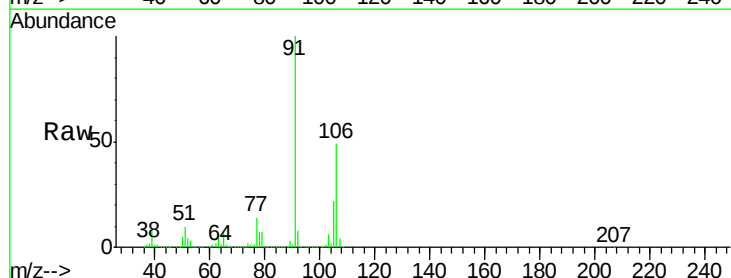
Acq: 14 Jun 2018 09:52

Tgt Ion: 106 Resp: 455944

Ion Ratio Lower Upper

106 100

91 205.8 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU024502.D (-2719) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-2719) (-)

600000

500000

400000

300000

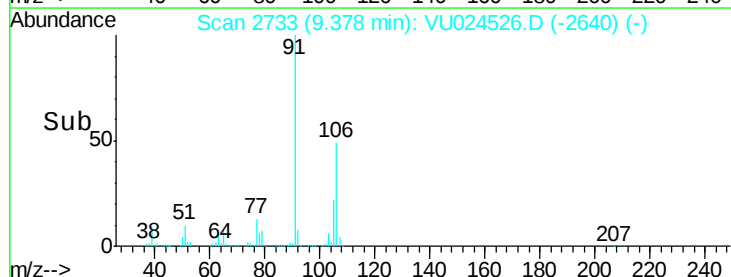
200000

100000

0

9.30 9.40 9.50

Time-->

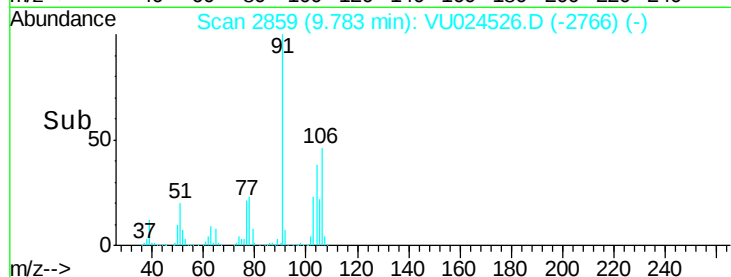
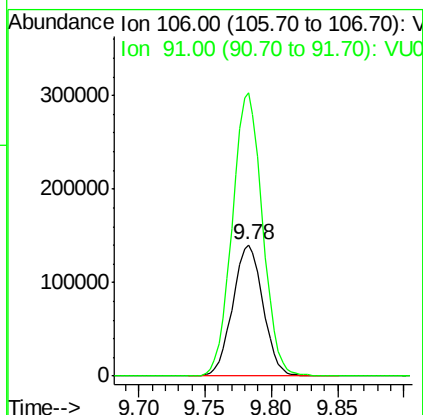
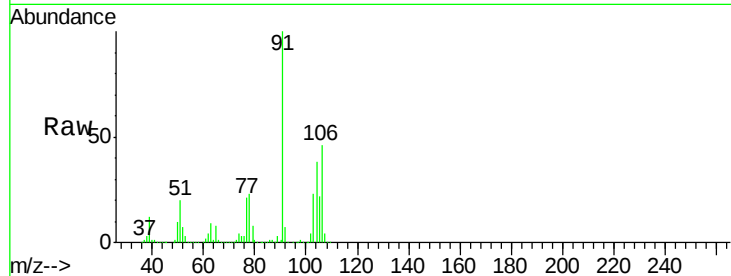




#69
o-Xylene
Concen: 47.265 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

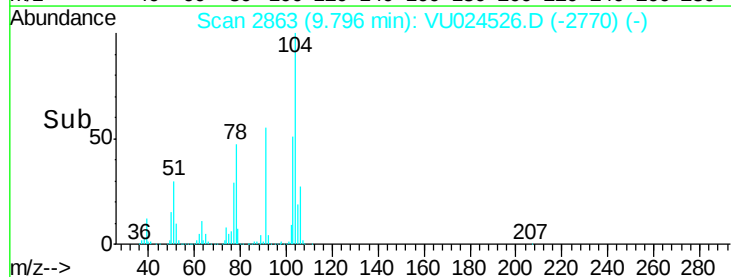
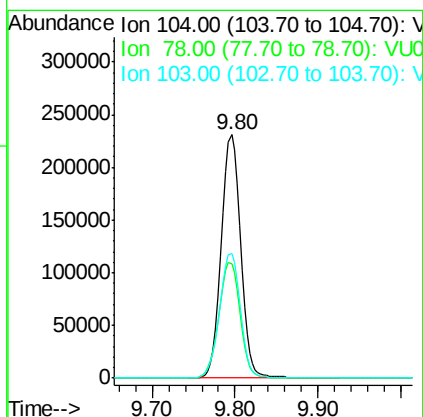
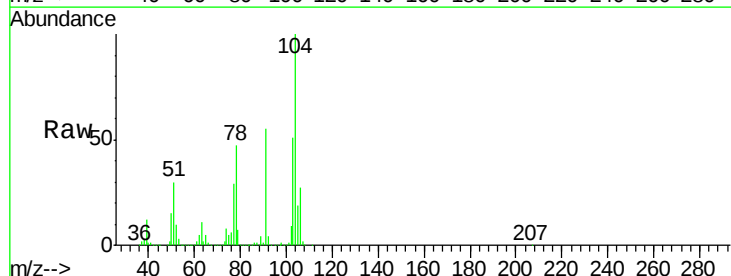
Instrument :
MSVOA_U
ClientSampleId :

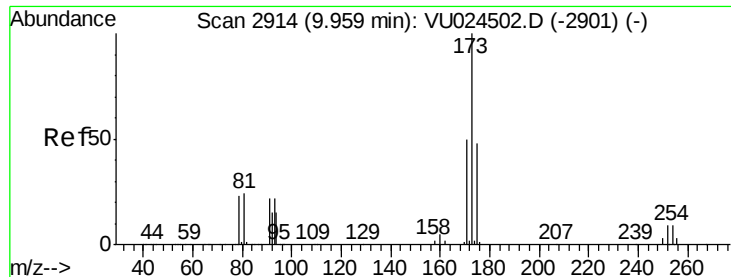
Tot Ion:106 Resp: 223555
Ion Ratio Lower Upper
106 100
91 214.5 110.7 331.9



#70
Styrene
Concen: 48.000 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion:104 Resp: 373088
Ion Ratio Lower Upper
104 100
78 52.1 40.6 60.8
103 55.0 44.7 67.1





#71

Bromoform

Concen: 47.634 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :

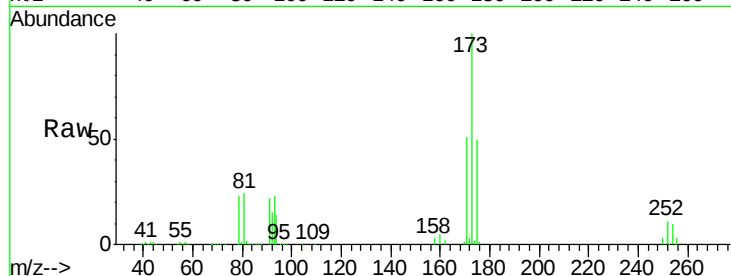
Tot Ion:173 Resp: 122119

Ion Ratio Lower Upper

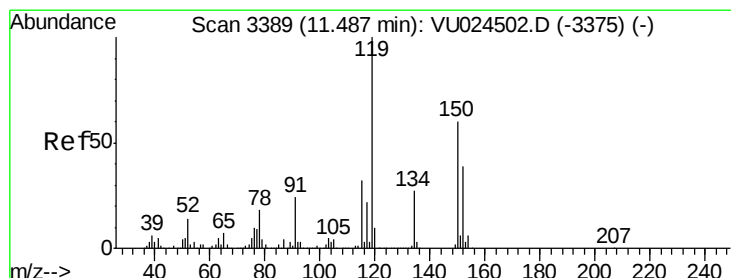
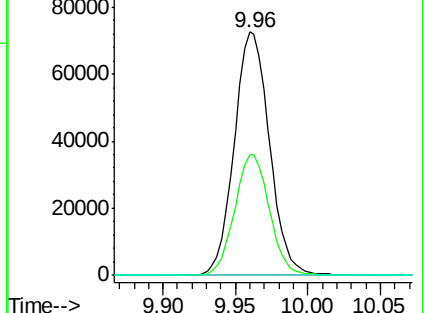
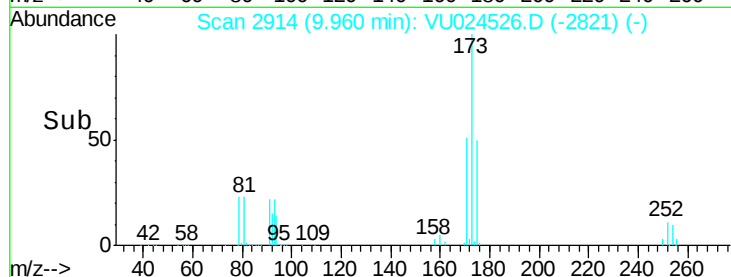
173 100

175 49.0 24.6 74.0

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

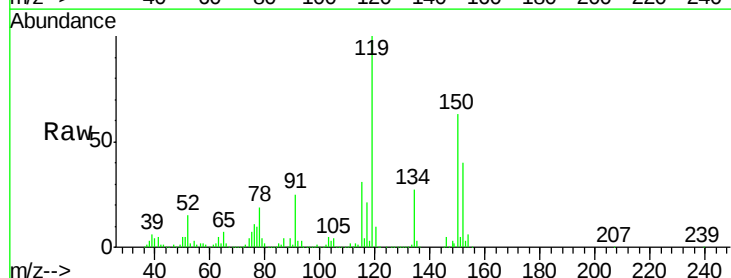
Tgt Ion:152 Resp: 170744

Ion Ratio Lower Upper

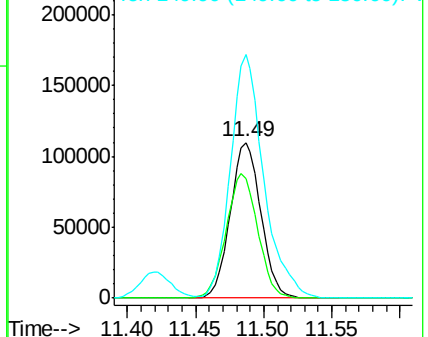
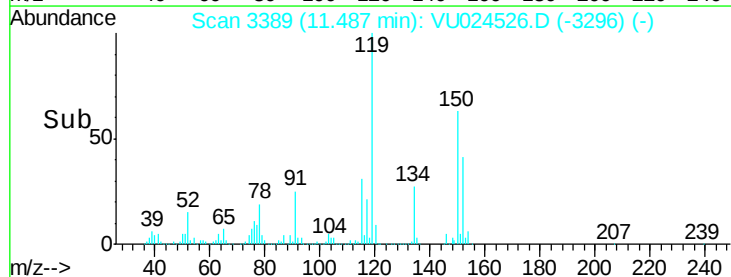
152 100

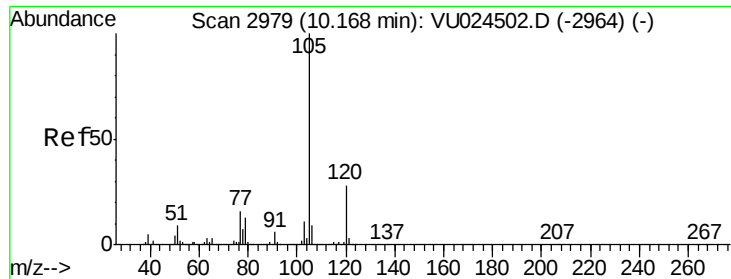
115 82.8 43.0 129.0

150 170.7 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: 45.818 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

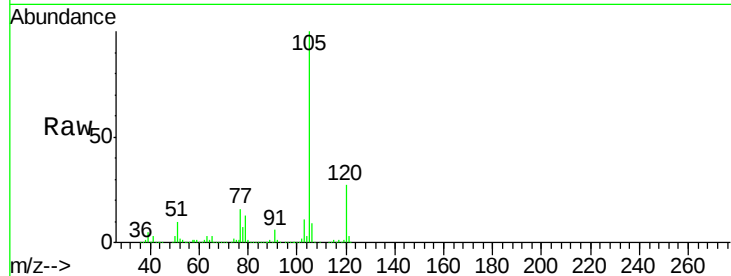
ClientSampleId :

Tot Ion:105 Resp: 600634

Ion Ratio Lower Upper

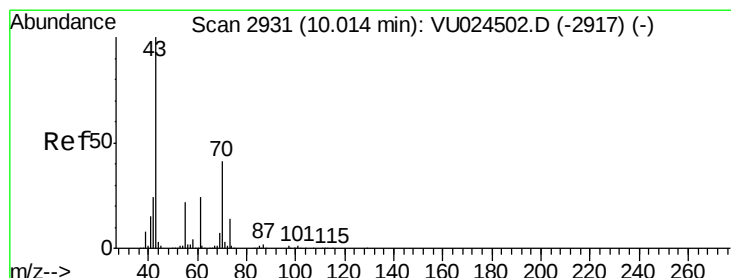
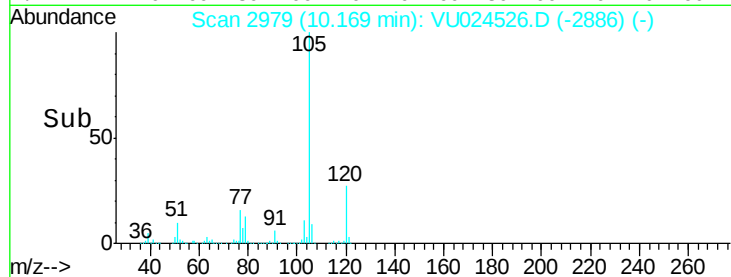
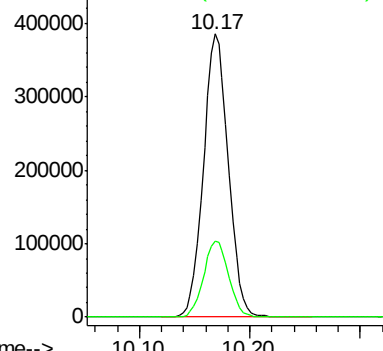
105 100

120 27.2 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-ethyl acetate

Concen: 45.938 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Tgt Ion: 43 Resp: 286435

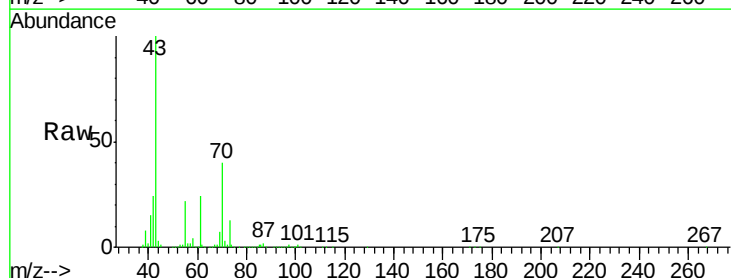
Ion Ratio Lower Upper

43 100

70 40.3 32.2 48.4

55 21.9 20.5 30.7

61 24.0 18.7 28.1

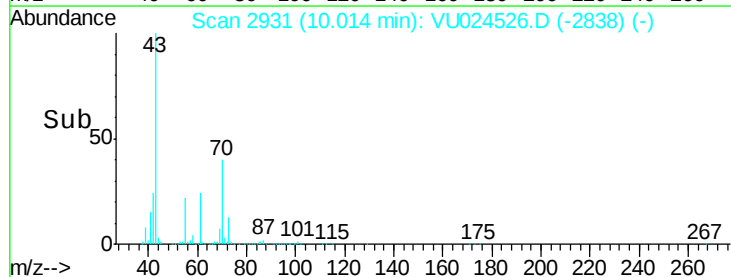
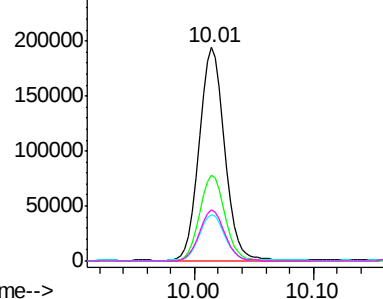


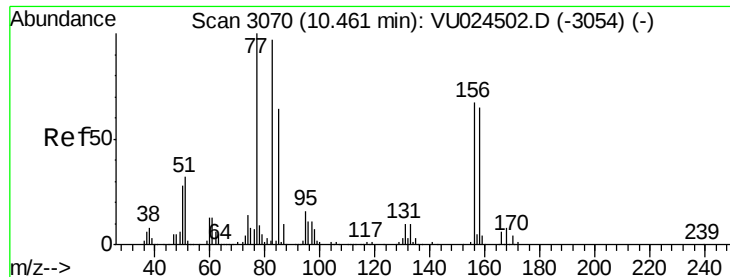
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 46.116 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

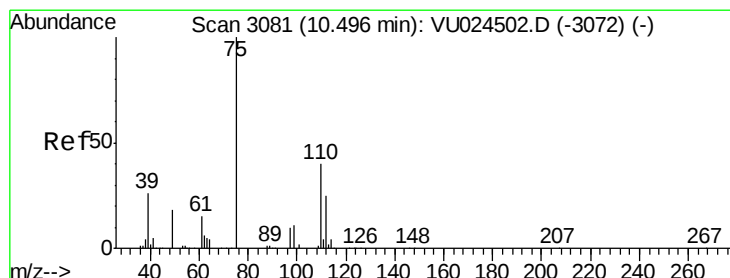
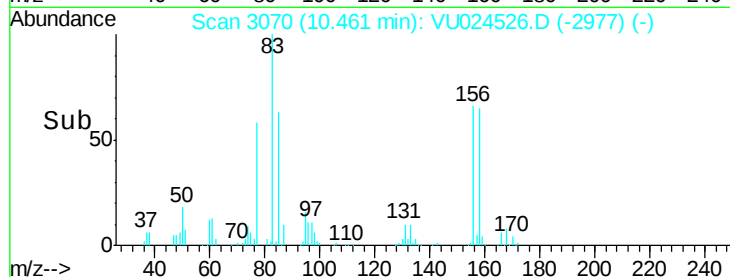
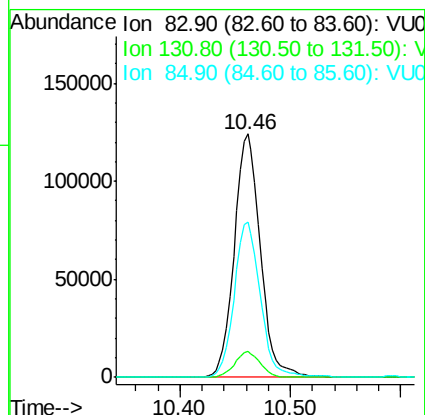
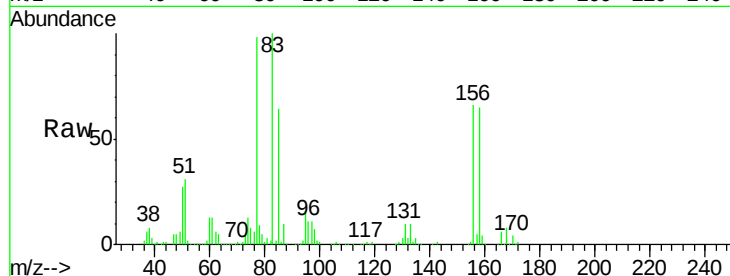
Tot Ion: 83 Resp: 202583

Ion Ratio Lower Upper

83 100

131 10.3 4.7 14.1

85 63.8 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 65.338 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024526.D

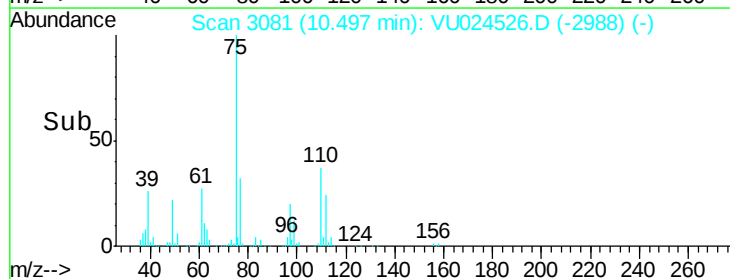
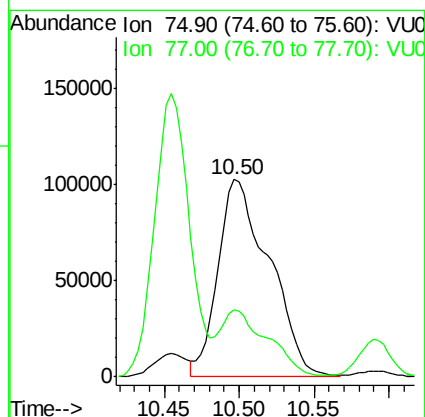
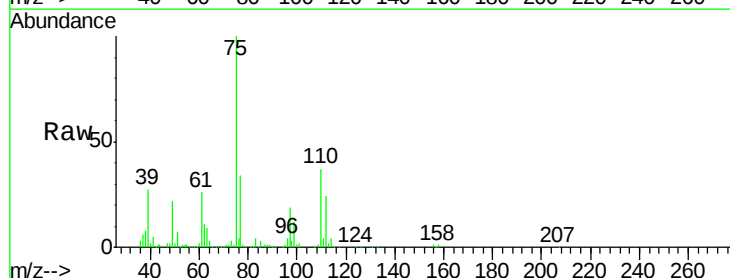
Acq: 14 Jun 2018 09:52

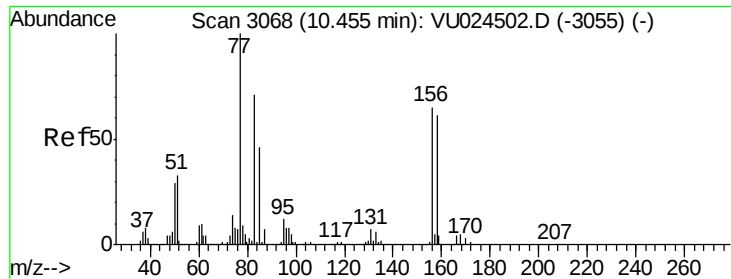
Tgt Ion: 75 Resp: 245618

Ion Ratio Lower Upper

75 100

77 30.2 20.9 62.7





#77

Bromobenzene

Concen: 45.833 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

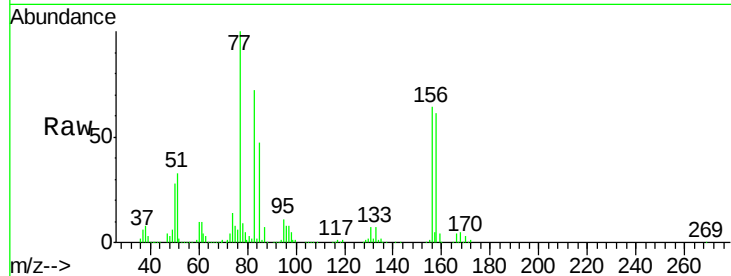
Tot Ion:156 Resp: 152108

Ion Ratio Lower Upper

156 100

77 156.3 80.5 241.3

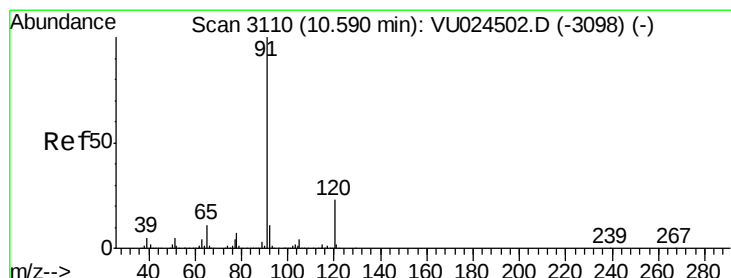
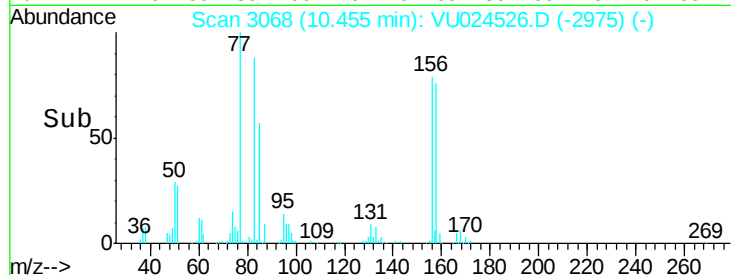
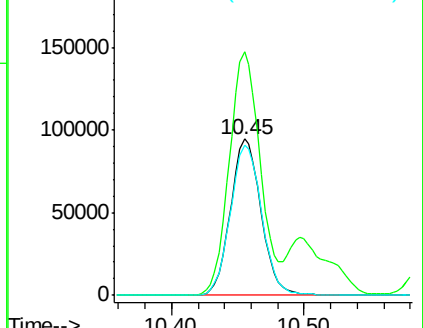
158 98.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.961 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024526.D

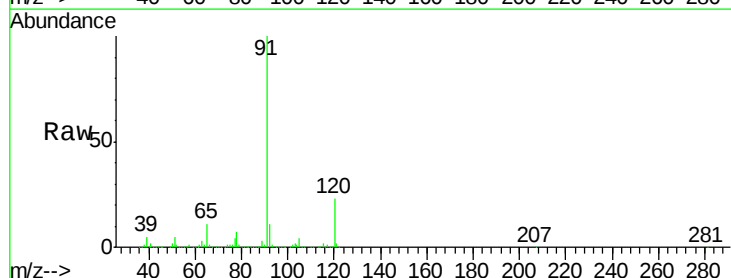
Acq: 14 Jun 2018 09:52

Tgt Ion: 91 Resp: 725192

Ion Ratio Lower Upper

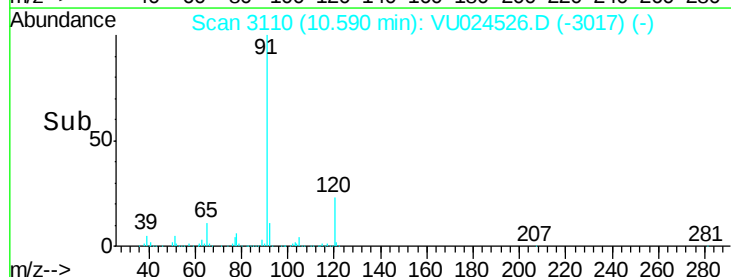
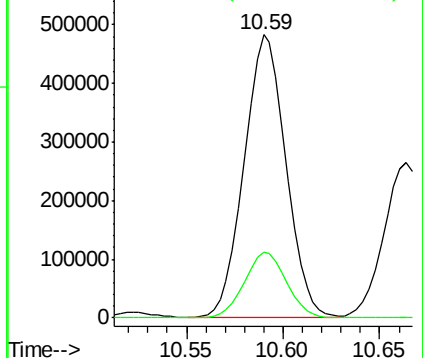
91 100

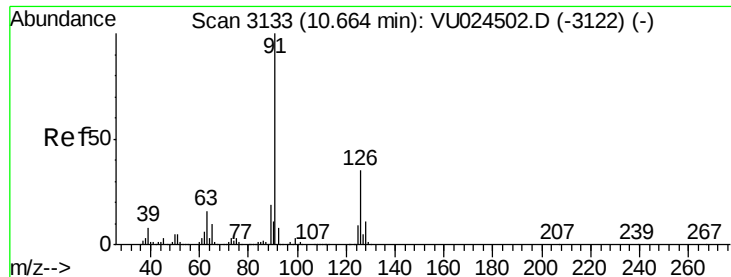
120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.545 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

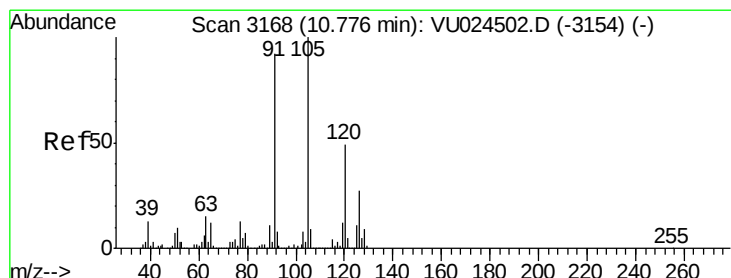
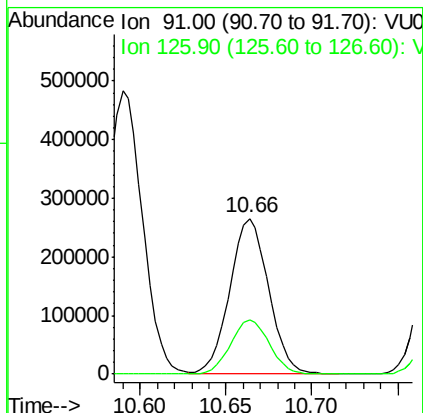
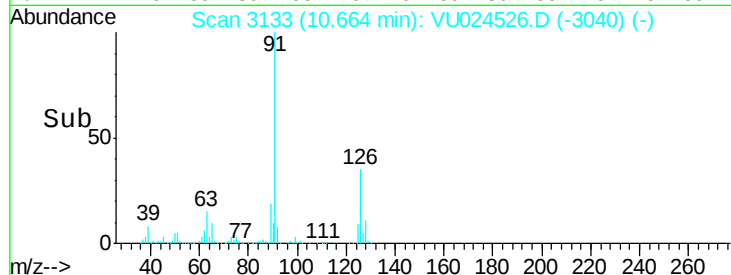
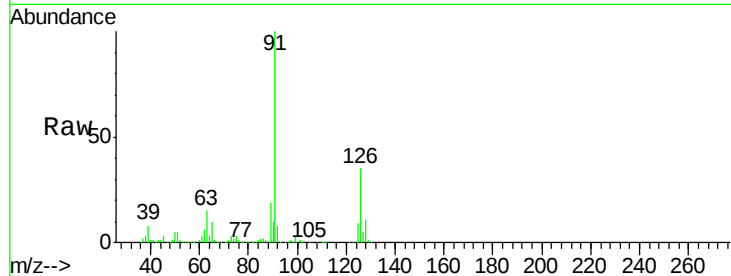
ClientSampleId :

Tot Ion: 91 Resp: 414755

Ion Ratio Lower Upper

91 100

126 35.2 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 45.579 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024526.D

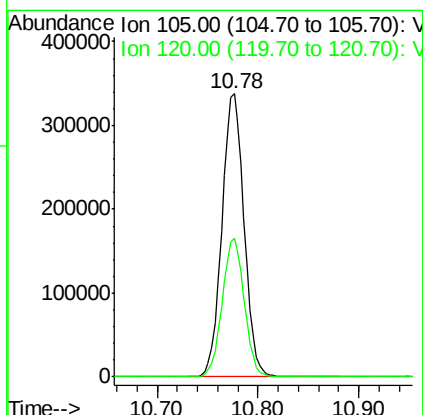
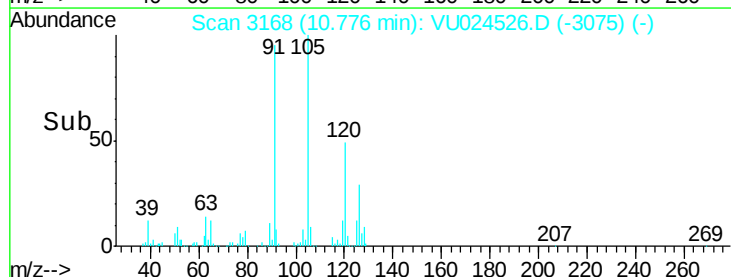
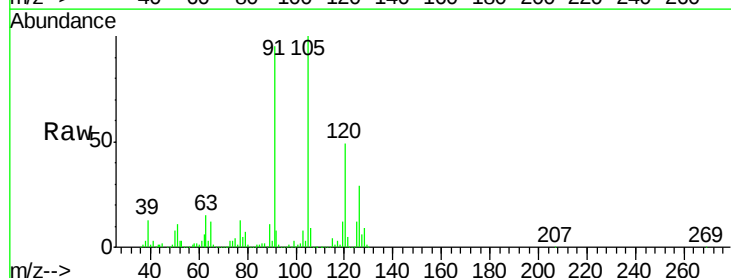
Acq: 14 Jun 2018 09:52

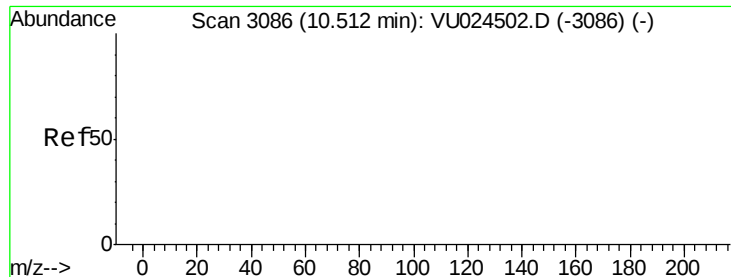
Tgt Ion: 105 Resp: 517879

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2

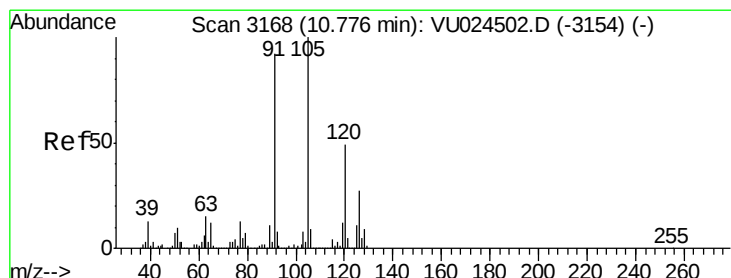
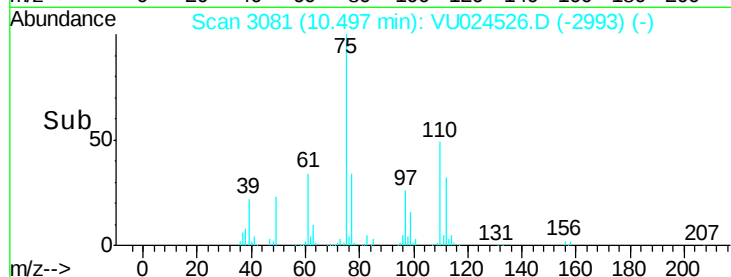
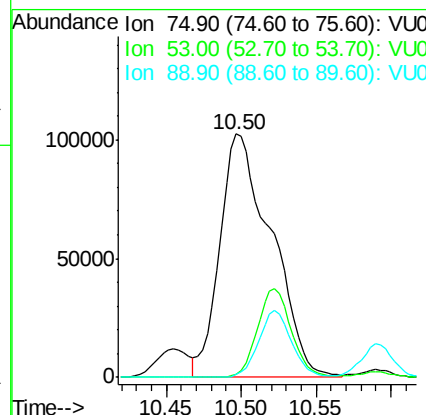
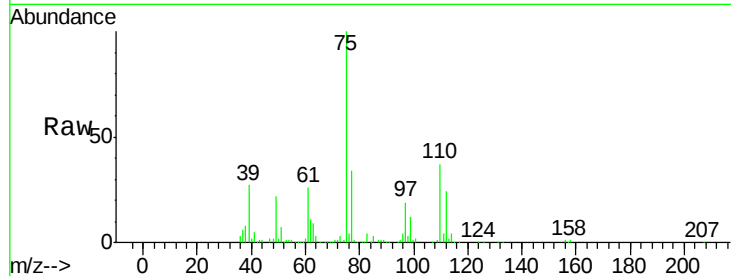




#81
trans-1,4-Dichloro-2-butene
Concen: 151.221 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

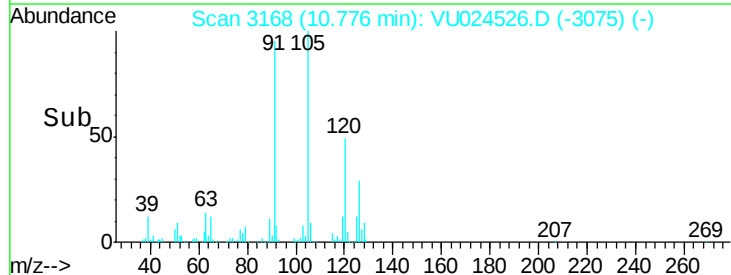
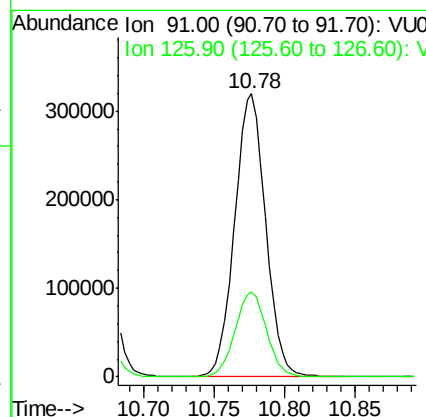
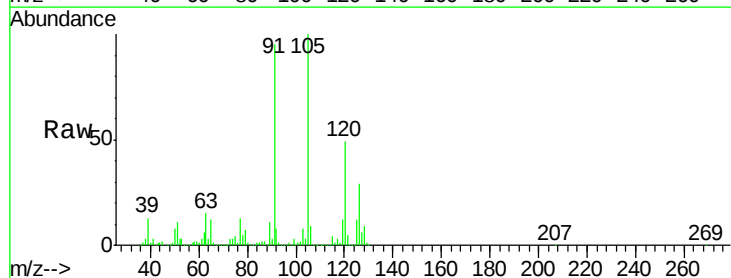
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 245618
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 46.293 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 91 Resp: 490670
Ion Ratio Lower Upper
91 100
126 30.6 14.9 44.9





#83

tert-Butylbenzene

Concen: 46.941 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

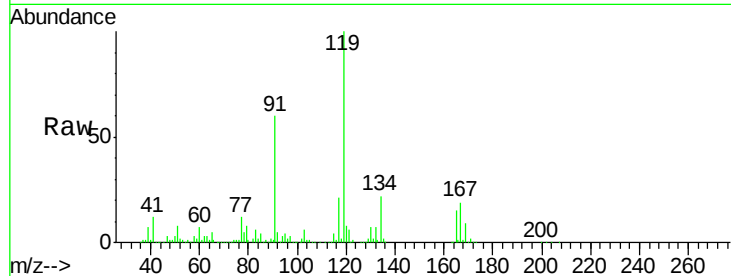
Tot Ion:119 Resp: 513041

Ion Ratio Lower Upper

119 100

91 59.1 29.7 89.1

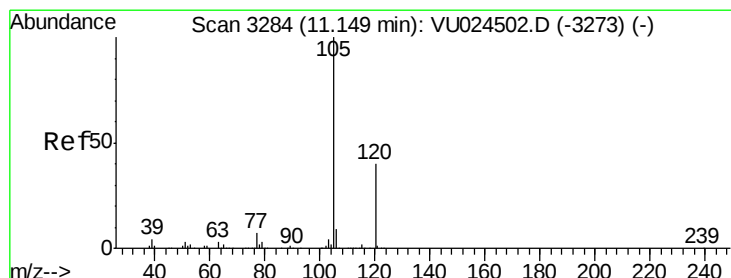
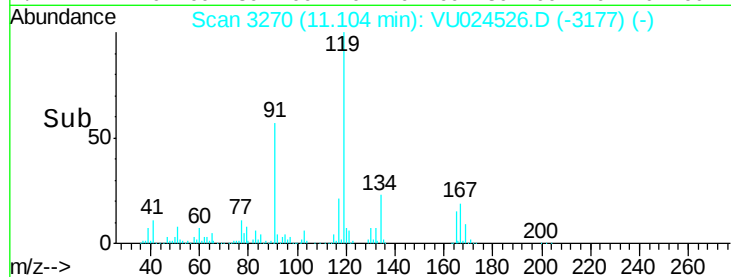
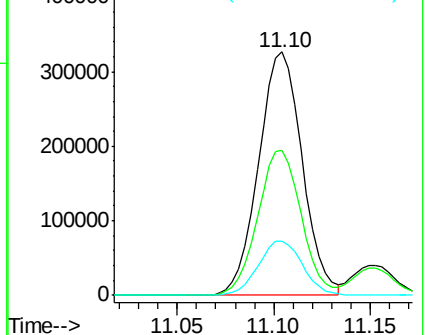
134 22.7 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 45.949 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024526.D

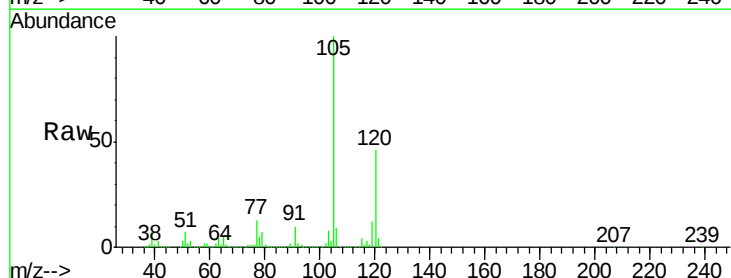
Acq: 14 Jun 2018 09:52

Tgt Ion:105 Resp: 532049

Ion Ratio Lower Upper

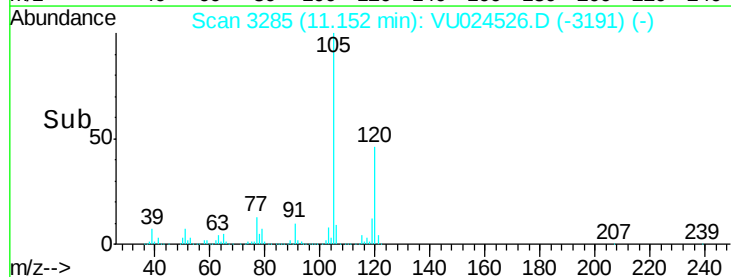
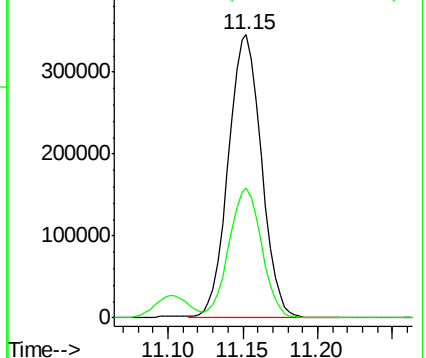
105 100

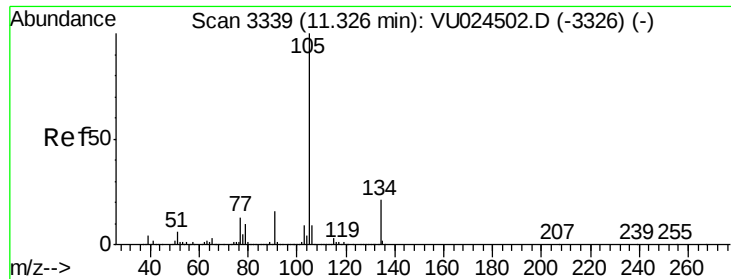
120 45.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.691 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

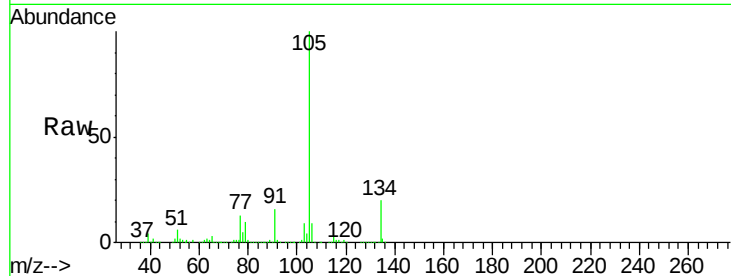
ClientSampleId :

Tot Ion:105 Resp: 638771

Ion Ratio Lower Upper

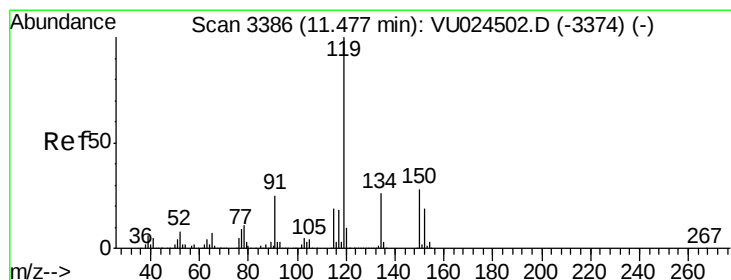
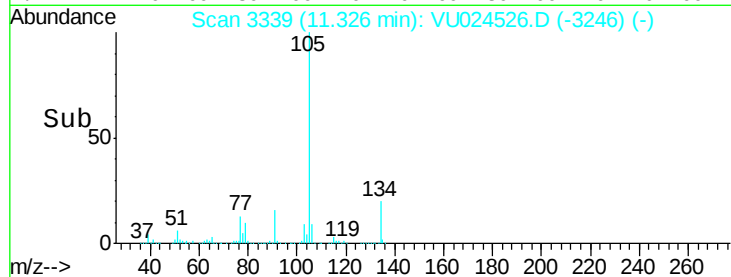
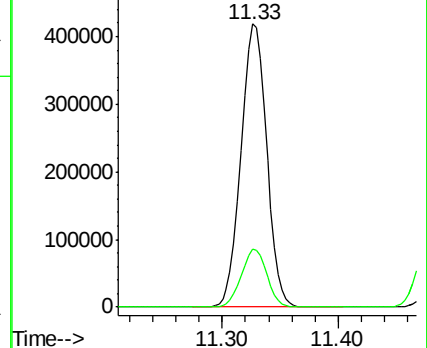
105 100

134 20.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.337 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

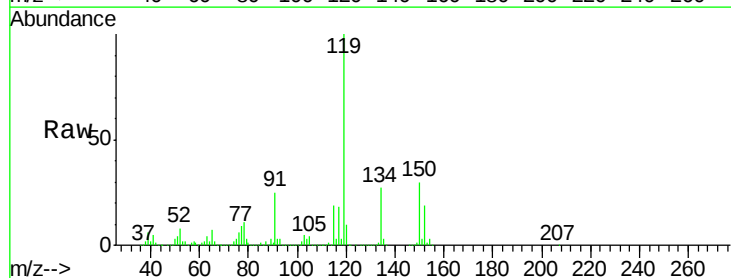
Tgt Ion:119 Resp: 567764

Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

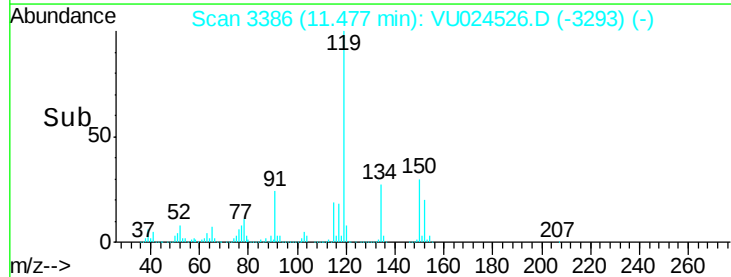
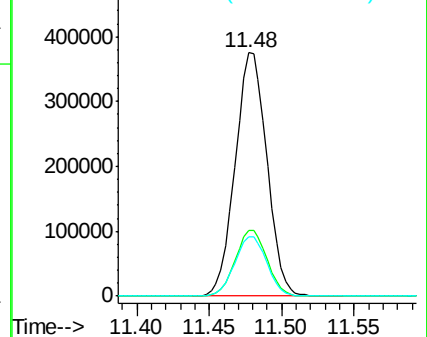
91 24.7 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

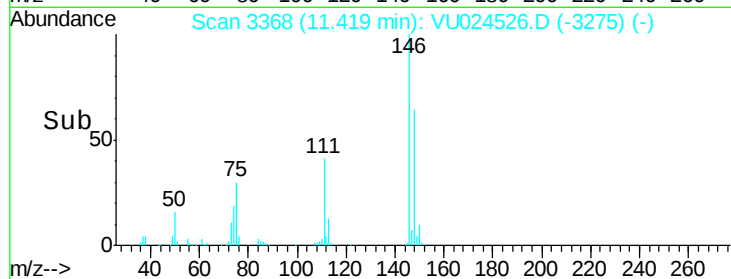
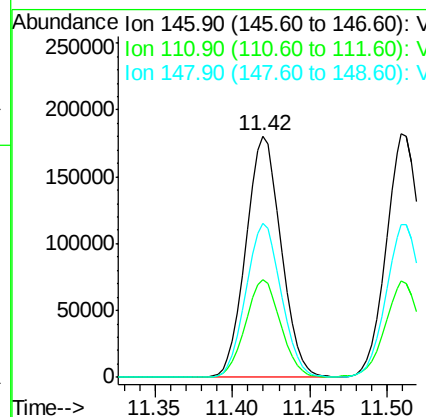
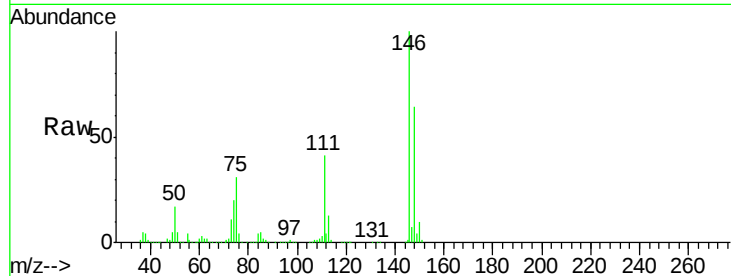




#87
 1,3-Dichlorobenzene
 Concen: 46.632 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

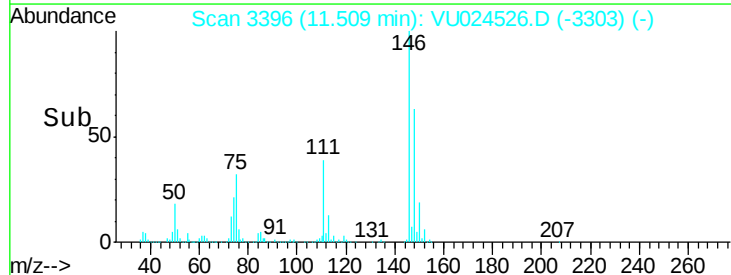
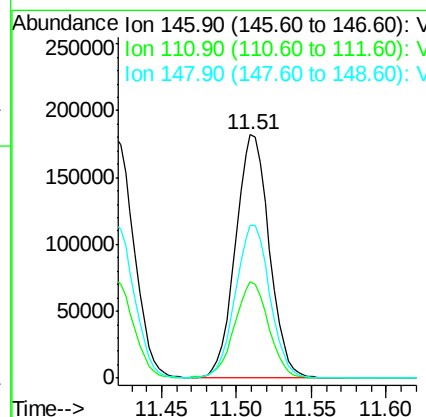
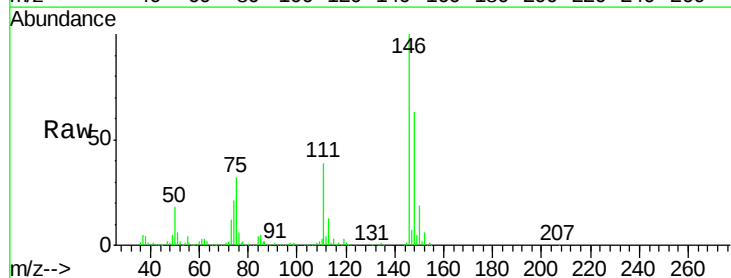
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	64.0	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 46.259 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.5	58.5
148	64.5	32.4	97.0





#89

n-Butylbenzene

Concen: 49.312 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampled :

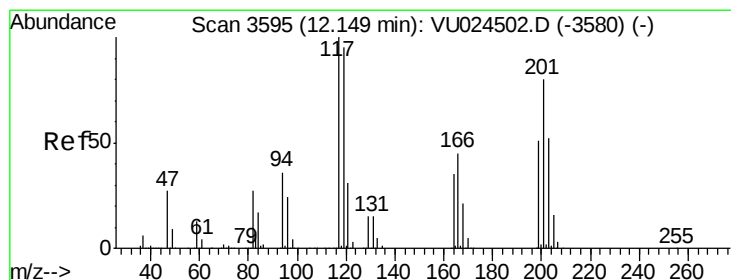
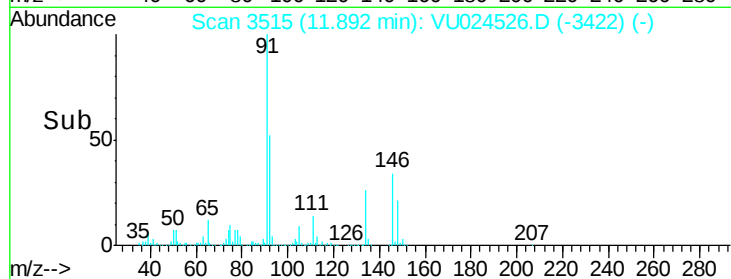
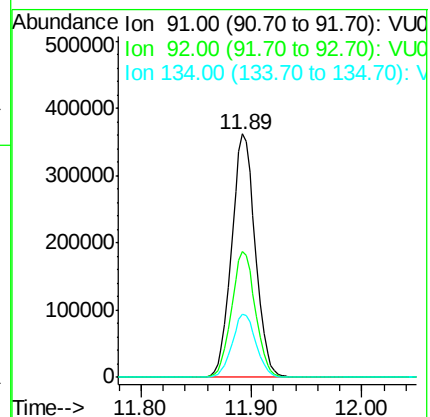
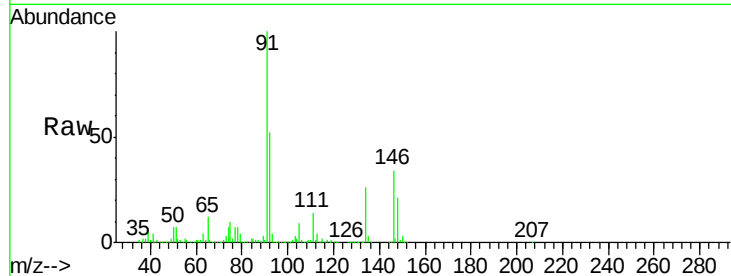
Tot Ion: 91 Resp: 536429

Ion Ratio Lower Upper

91 100

92 52.3 25.6 76.8

134 26.3 12.3 36.8



#90

Hexachloroethane

Concen: 46.313 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024526.D

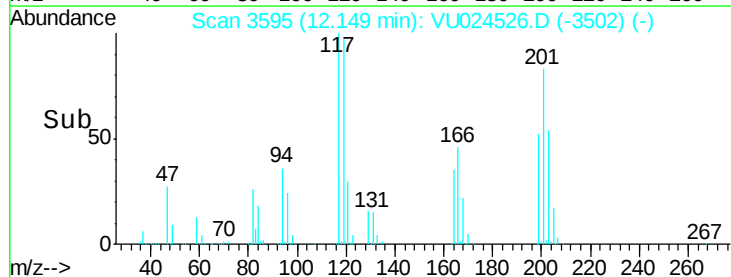
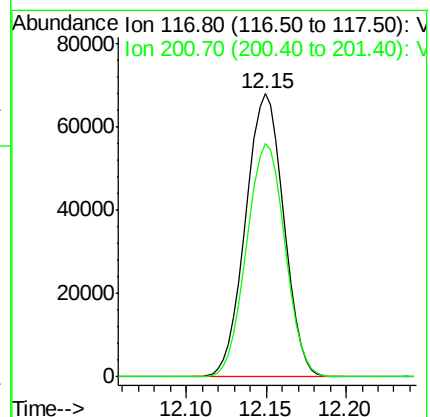
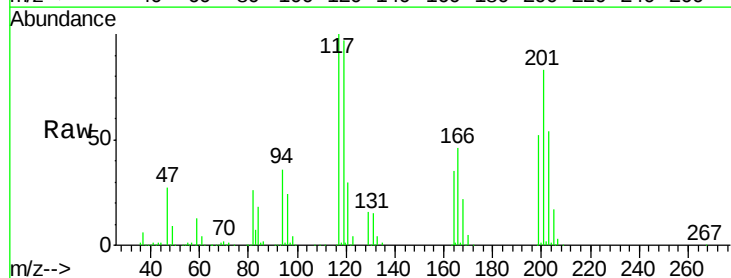
Acq: 14 Jun 2018 09:52

Tgt Ion: 117 Resp: 110700

Ion Ratio Lower Upper

117 100

201 83.0 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 46.041 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

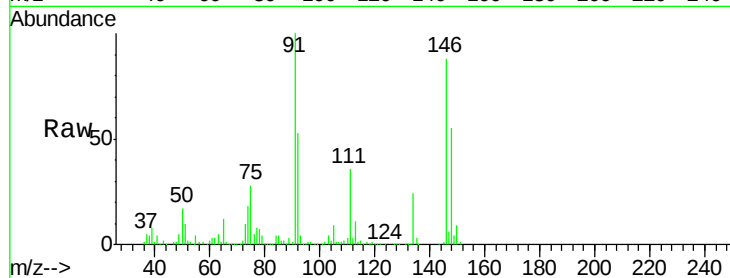
Tot Ion:146 Resp: 282755

Ion Ratio Lower Upper

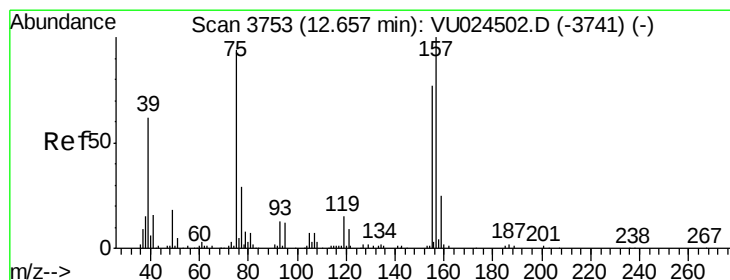
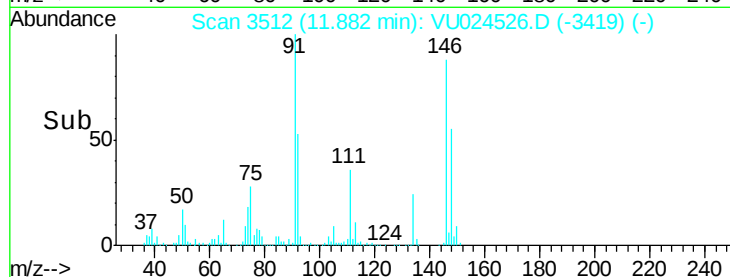
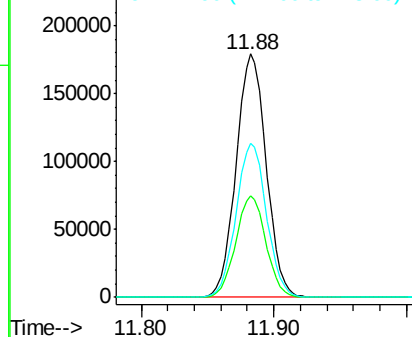
146 100

111 41.8 20.5 61.6

148 63.9 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: 43.716 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

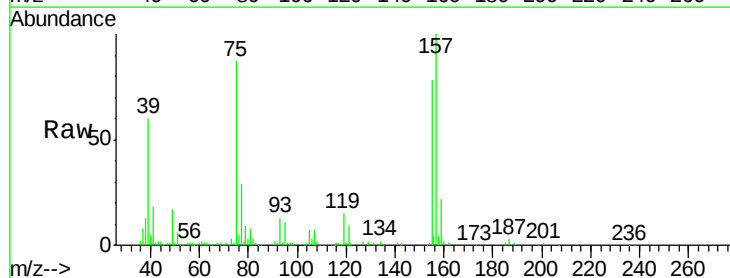
Tgt Ion: 75 Resp: 52989

Ion Ratio Lower Upper

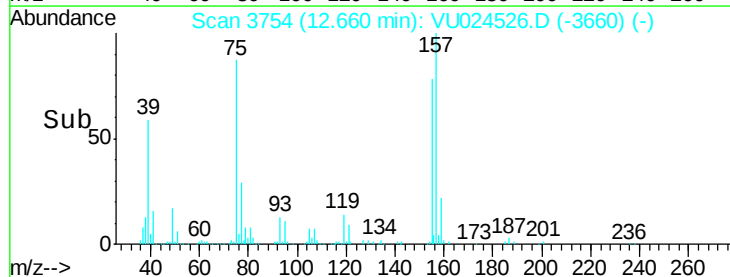
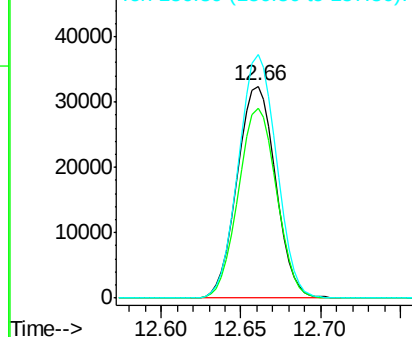
75 100

155 89.1 40.4 121.2

157 113.4 52.3 156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

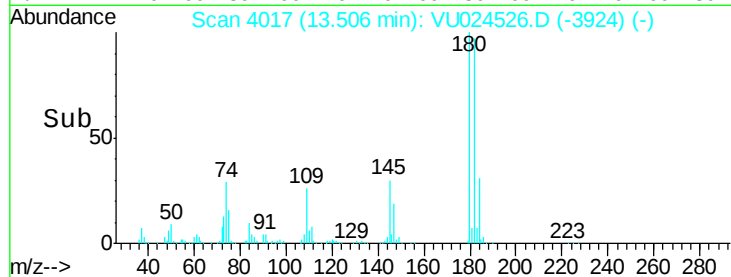
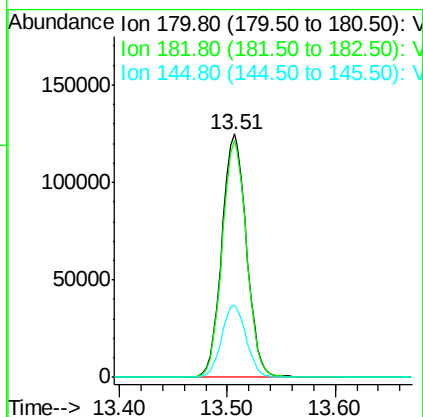
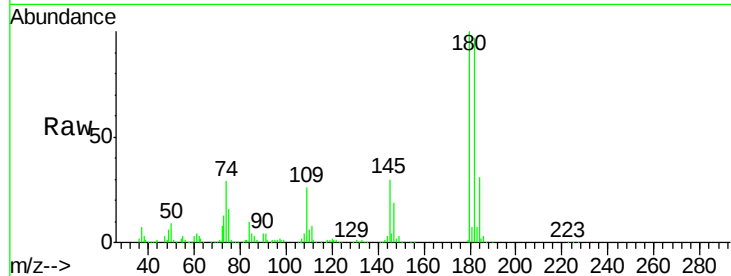




#93
 1,2,4-Trichlorobenzene
 Concen: 52.295 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

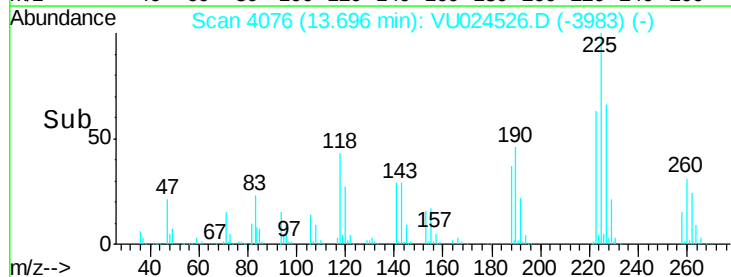
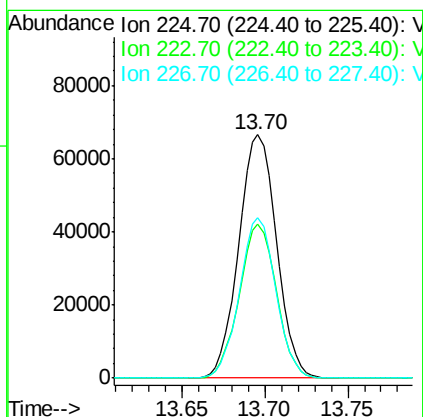
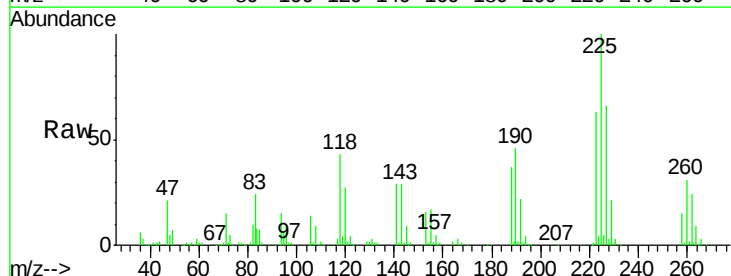
Instrument :
 MSVOA_U
 ClientSampleId :

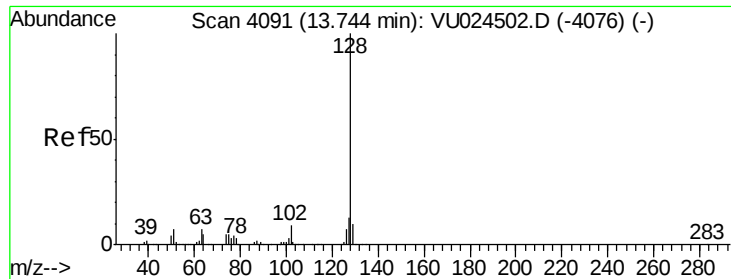
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	29.5	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 49.537 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.3	93.8
227	63.1	31.8	95.4





#95

Naphthalene

Concen: 46.009 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

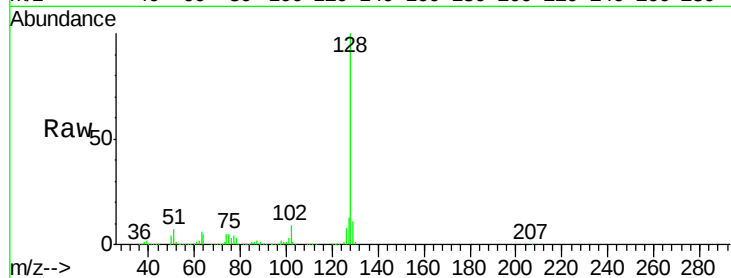
Tot Ion:128 Resp: 576943

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

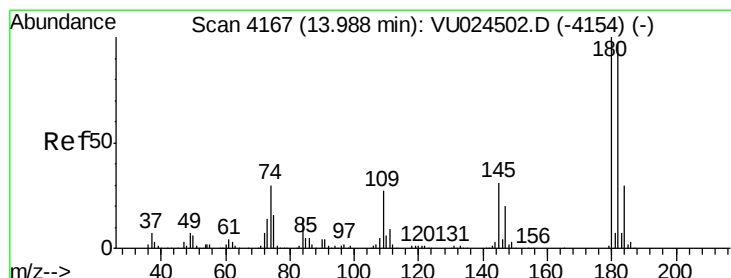
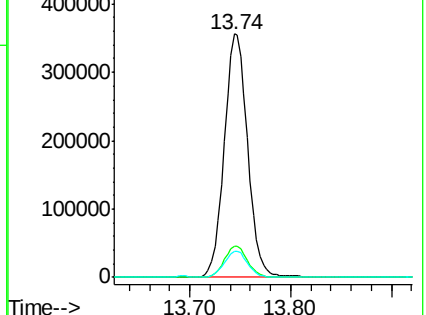
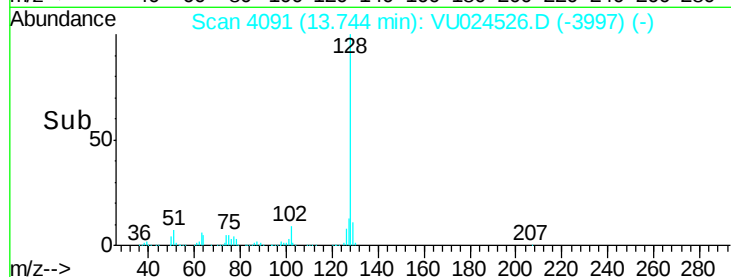
129 10.7 8.6 12.8



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: 52.694 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

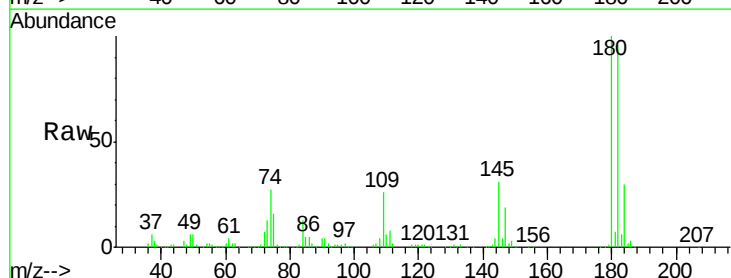
Tgt Ion:180 Resp: 199125

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

145 30.4 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

