

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024958.D
 Acq On : 27 Jun 2018 11:42
 Operator : MD/SY
 Sample : VU0627WBS02
 Misc : 5.00mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Quant Time: Jun 28 02:23:32 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	188087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	281638	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	260935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150366	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	131115	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	
35) Dibromofluoromethane	4.89	113	106732	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
50) Toluene-d8	7.57	98	359888	42.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.42%	
62) 4-Bromofluorobenzene	10.31	95	144177	42.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	40338	17.134	ug/l	99
3) Chloromethane	1.33	50	43103	17.921	ug/l	99
4) Vinyl Chloride	1.40	62	44435	17.914	ug/l	96
5) Bromomethane	1.63	94	29984	25.005	ug/l	99
6) Chloroethane	1.70	64	31025	21.789	ug/l	98
7) Trichlorofluoromethane	1.89	101	74299	19.628	ug/l	99
8) Diethyl Ether	2.10	74	28411	20.961	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	45190	19.243	ug/l	98
10) Methyl Iodide	2.41	142	41580	23.997	ug/l	98
11) Tert butyl alcohol	2.82	59	70195	93.996	ug/l	100
12) 1,1-Dichloroethene	2.29	96	41385	19.324	ug/l	97
13) Acrolein	2.20	56	20888	53.264	ug/l	97
14) Allyl chloride	2.60	41	80204	20.170	ug/l	94
15) Acrylonitrile	2.94	53	139590	96.073	ug/l	98
16) Acetone	2.32	43	164881	99.939	ug/l	99
17) Carbon Disulfide	2.48	76	118363	17.260	ug/l	98
18) Methyl Acetate	2.62	43	76535	21.639	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	164645	20.452	ug/l	95
20) Methylene Chloride	2.71	84	48859	18.874	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	44515	18.872	ug/l	97
22) Diisopropyl ether	3.57	45	154354	19.581	ug/l #	88
23) Vinyl Acetate	3.53	43	663355	93.942	ug/l	99
24) 1,1-Dichloroethane	3.45	63	90128	19.875	ug/l	98
25) 2-Butanone	4.26	43	214447	96.769	ug/l	95
26) 2,2-Dichloropropane	4.23	77	85431	19.840	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	53956	19.897	ug/l	100
28) Bromochloromethane	4.55	49	38733	19.392	ug/l	84
29) Tetrahydrofuran	4.64	42	127052	92.581	ug/l	96
30) Chloroform	4.68	83	93625	20.398	ug/l	99
31) Cyclohexane	5.00	56	81617	19.046	ug/l	91
32) 1,1,1-Trichloroethane	4.92	97	86525	20.386	ug/l	96
36) 1,1-Dichloropropene	5.14	75	66295	20.032	ug/l	97
37) Ethyl Acetate	4.38	43	75509	20.934	ug/l	97
38) Carbon Tetrachloride	5.14	117	75663	20.791	ug/l	99

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VU0627WBS02

Quant Time: Jun 28 02:23:32 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)
39) Methylcyclohexane	6.42	83	84230	20.395	ug/l	96
40) Benzene	5.39	78	195263	20.706	ug/l	98
41) Methacrylonitrile	4.55	41	40792	20.975	ug/l	97
42) 1,2-Dichloroethane	5.41	62	80187	22.326	ug/l	98
43) Isopropyl Acetate	5.55	43	120288	19.292	ug/l	98
44) Trichloroethene	6.19	130	53408	19.900	ug/l	99
45) 1,2-Dichloropropane	6.44	63	51406	20.430	ug/l	93
46) Dibromomethane	6.56	93	37689	21.325	ug/l	95
47) Bromodichloromethane	6.76	83	69830	19.841	ug/l	95
48) Methyl methacrylate	6.63	41	61826	20.364	ug/l	98
49) 1,4-Dioxane	6.62	88	29609	498.685	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	386907	98.773	ug/l	99
52) Toluene	7.64	92	124563	20.531	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	79079	20.008	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	80697	19.161	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	49843	20.211	ug/l	99
56) Ethyl methacrylate	8.02	69	79728	19.315	ug/l	98
57) 1,3-Dichloropropane	8.25	76	86840	20.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	34106	21.567	ug/l	96
59) 2-Hexanone	8.36	43	311418	97.380	ug/l	100
60) Dibromochloromethane	8.48	129	57600	18.730	ug/l	100
61) 1,2-Dibromoethane	8.59	107	54948	20.018	ug/l	97
64) Tetrachloroethene	8.23	164	50505	20.363	ug/l	99
65) Chlorobenzene	9.12	112	142010	21.304	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	53701	21.205	ug/l	98
67) Ethyl Benzene	9.25	91	244751	20.944	ug/l	99
68) m/p-Xylenes	9.38	106	187717	41.832	ug/l	99
69) o-Xylene	9.78	106	93956	21.156	ug/l	97
70) Styrene	9.80	104	148669	20.371	ug/l	99
71) Bromoform	9.96	173	44781	18.603	ug/l #	98
73) Isopropylbenzene	10.17	105	253353	21.946	ug/l	100
74) N-amyl acetate	10.01	43	105528	19.218	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	80988	20.935	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	97485	29.447	ug/l	86
77) Bromobenzene	10.45	156	62667	21.442	ug/l	94
78) n-propylbenzene	10.59	91	285892	21.023	ug/l	98
79) 2-Chlorotoluene	10.66	91	174770	21.793	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	215491	21.536	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	97485	68.153	ug/l #	100
82) 4-Chlorotoluene	10.78	91	198527	21.269	ug/l	99
83) tert-Butylbenzene	11.10	119	215719	22.412	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	220179	21.592	ug/l	99
85) sec-Butylbenzene	11.33	105	259366	21.527	ug/l	99
86) p-Isopropyltoluene	11.48	119	226284	20.971	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	112823	20.895	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	114638	21.094	ug/l	99
89) n-Butylbenzene	11.89	91	180896	18.883	ug/l	97
90) Hexachloroethane	12.15	117	40488	19.235	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	117943	21.807	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21510	20.151	ug/l	94

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Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Quant Time: Jun 28 02:23:32 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.51	180	74655	22.353	ug/l	99
94) Hexachlorobutadiene	13.70	225	41006	21.814	ug/l	99
95) Naphthalene	13.74	128	246429	22.665	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	81023	24.347	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

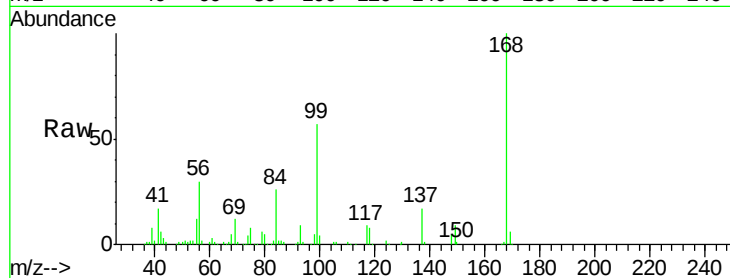
VU0627WBS02

Tgt Ion:168 Resp: 188087

Ion Ratio Lower Upper

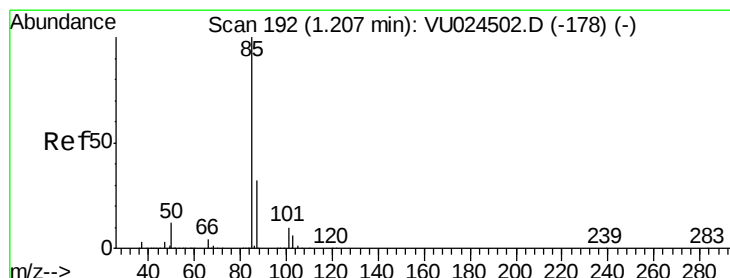
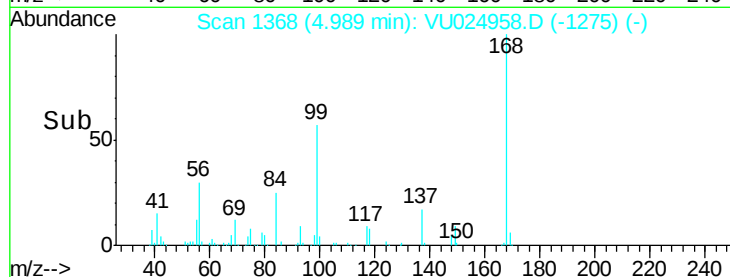
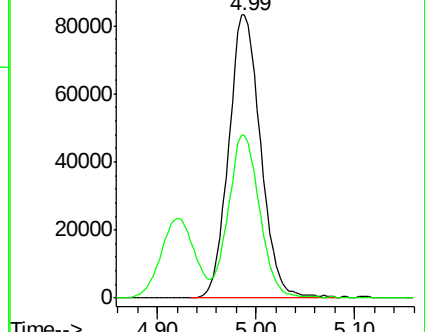
168 100

99 57.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024958.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024958.D (-1275) (-)



#2

Dichlorodifluoromethane

Concen: 17.134 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024958.D

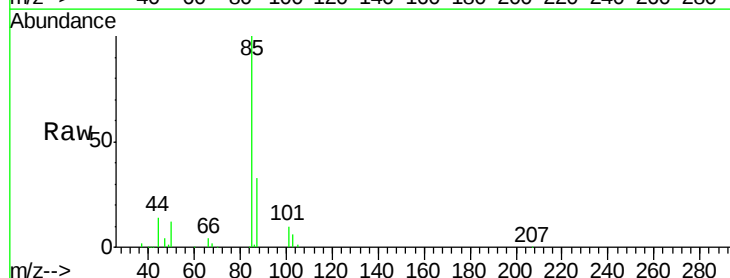
Acq: 27 Jun 2018 11:42

Tgt Ion: 85 Resp: 40338

Ion Ratio Lower Upper

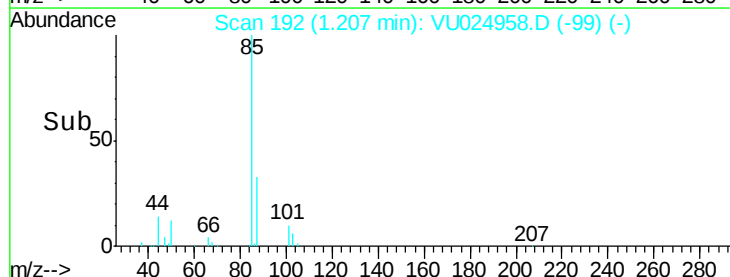
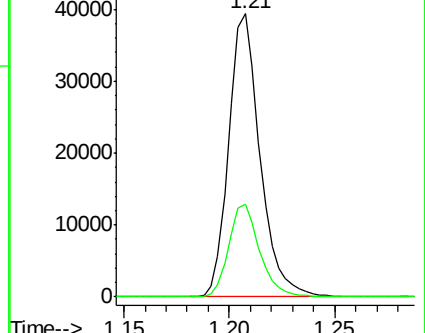
85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024958.D (-99) (-)

Ion 86.90 (86.60 to 87.60): VU024958.D (-99) (-)





#3

Chloromethane

Concen: 17.921 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

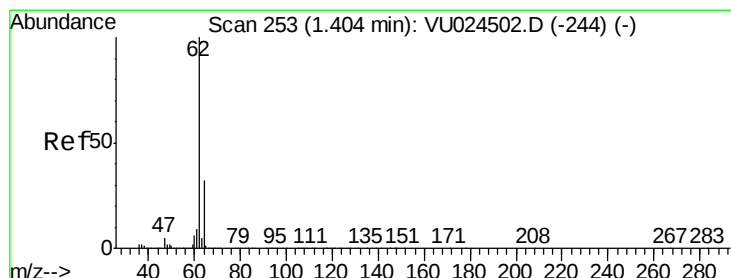
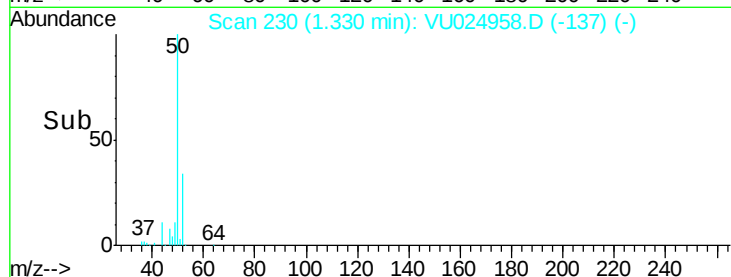
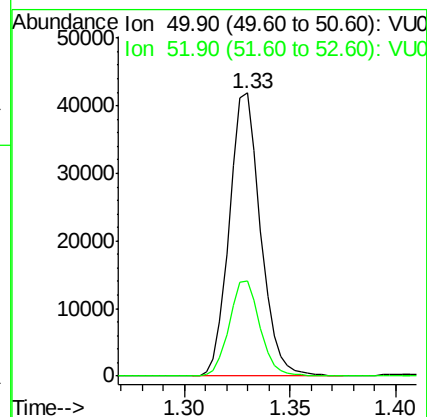
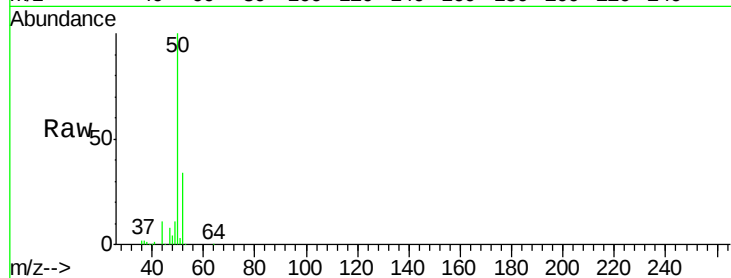
VU0627WBS02

Tgt Ion: 50 Resp: 43103

Ion Ratio Lower Upper

50 100

52 33.7 26.4 39.6



#4

Vinyl Chloride

Concen: 17.914 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024958.D

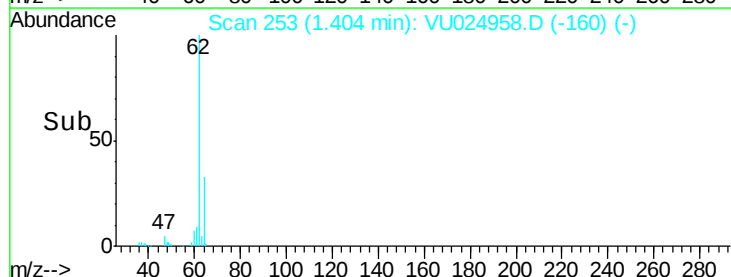
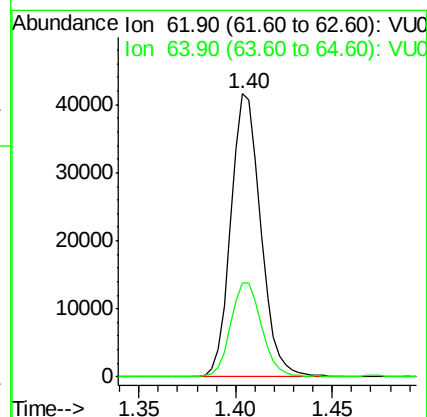
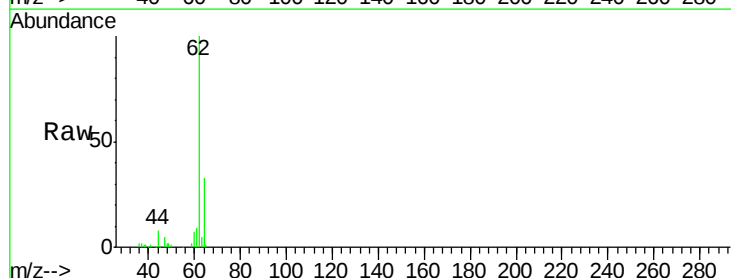
Acq: 27 Jun 2018 11:42

Tgt Ion: 62 Resp: 44435

Ion Ratio Lower Upper

62 100

64 33.0 24.8 37.2





#5

Bromomethane

Concen: 25.005 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

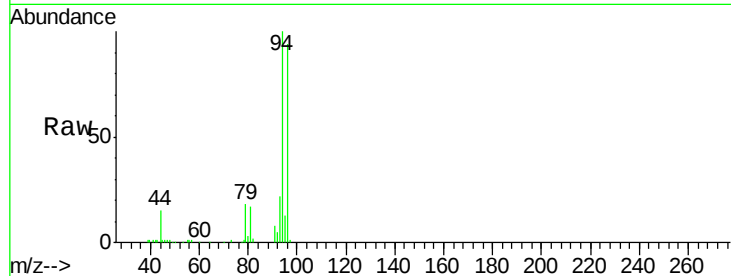
VU0627WBS02

Tgt Ion: 94 Resp: 29984

Ion Ratio Lower Upper

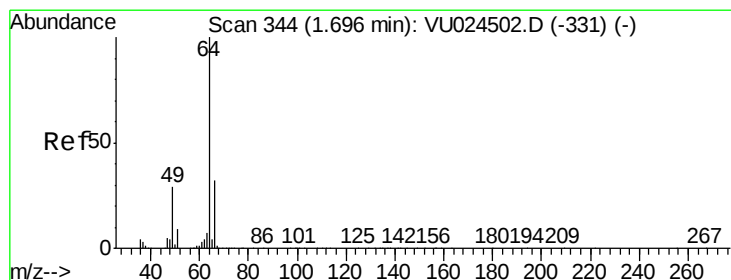
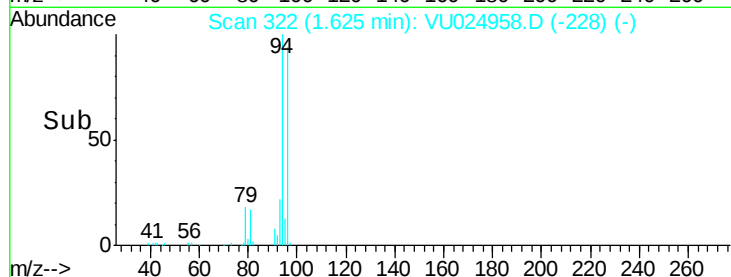
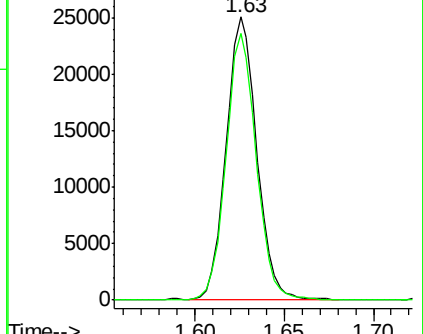
94 100

96 94.4 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: 21.789 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024958.D

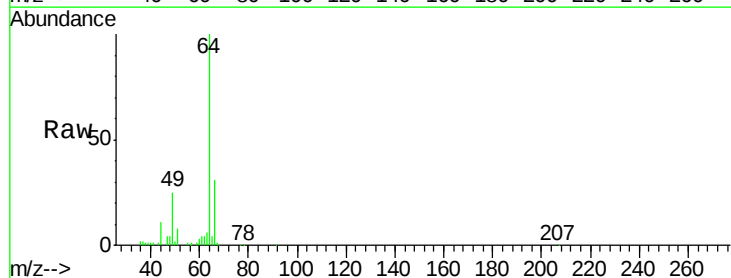
Acq: 27 Jun 2018 11:42

Tgt Ion: 64 Resp: 31025

Ion Ratio Lower Upper

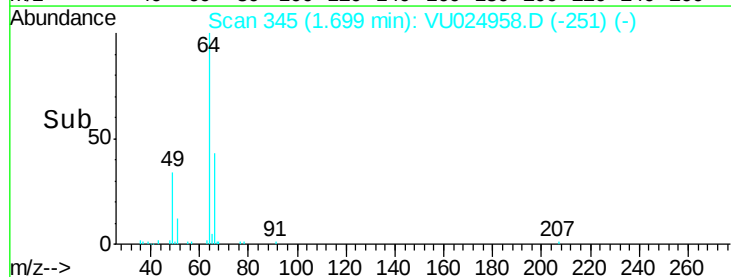
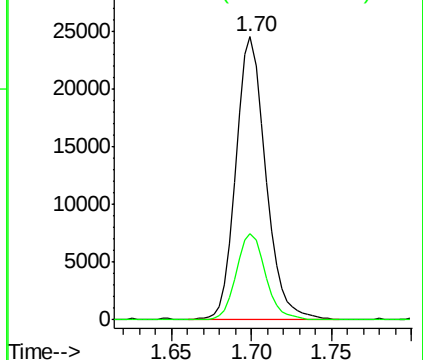
64 100

66 30.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



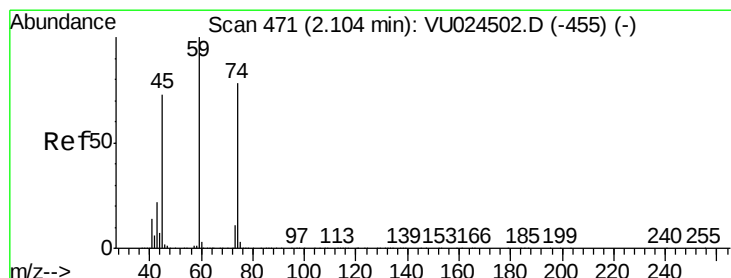
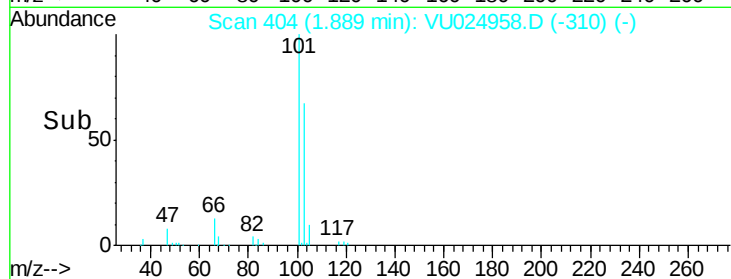
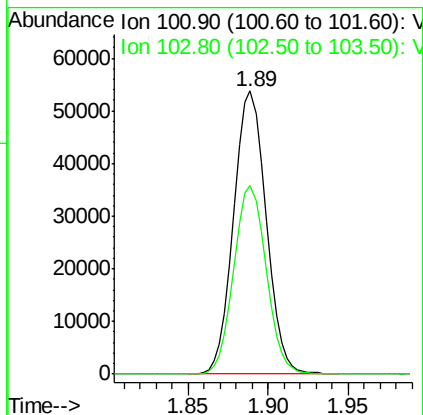
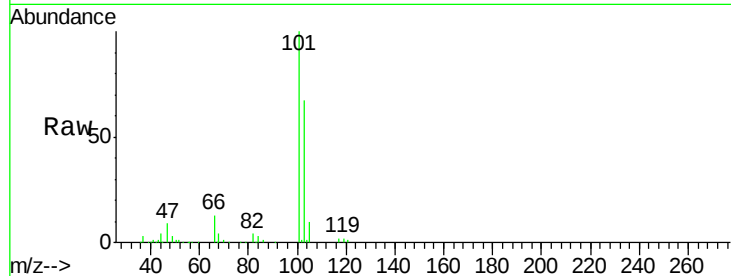


#7

Trichlorofluoromethane
Concen: 19.628 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

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MSVOA_U
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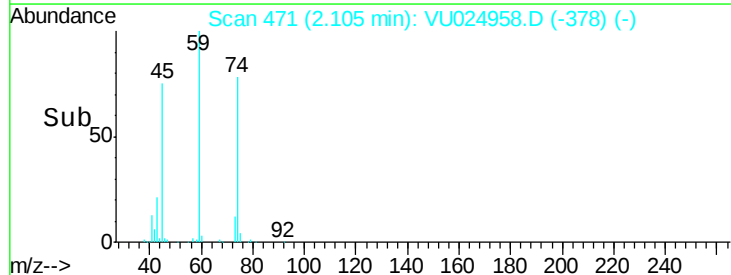
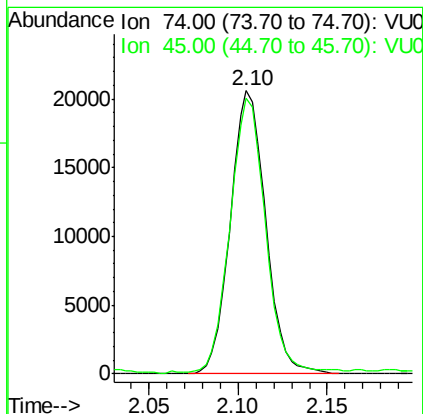
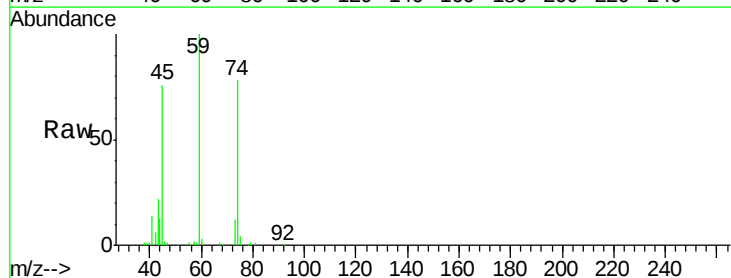
Tgt Ion:101 Resp: 74299
Ion Ratio Lower Upper
101 100
103 66.5 52.3 78.5

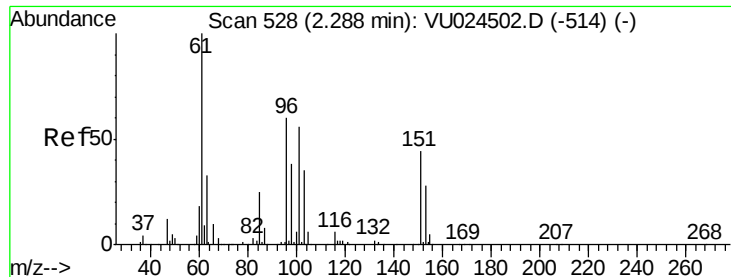


#8

Diethyl Ether
Concen: 20.961 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion: 74 Resp: 28411
Ion Ratio Lower Upper
74 100
45 95.4 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.243 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

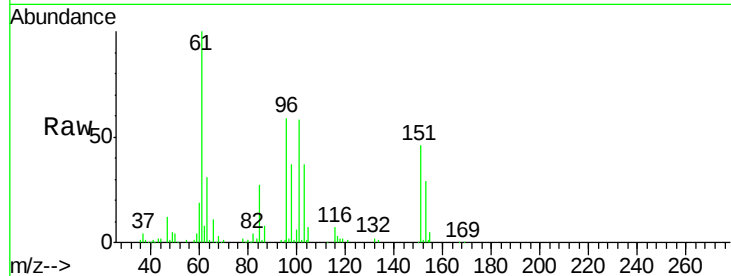
Tgt Ion:101 Resp: 45190

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

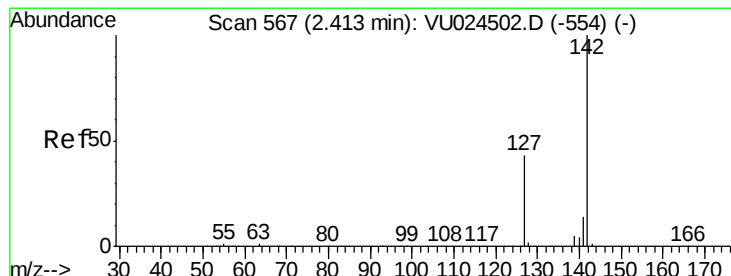
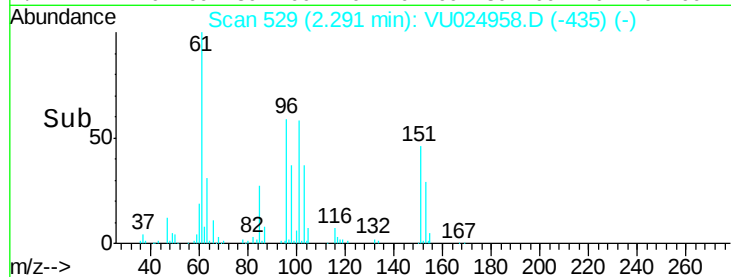
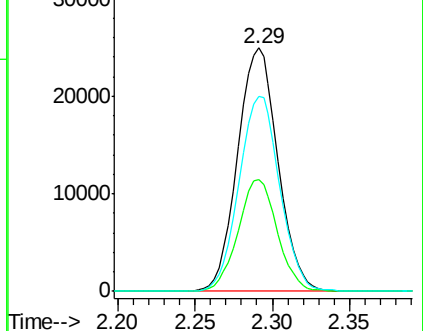
151 81.1 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.997 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

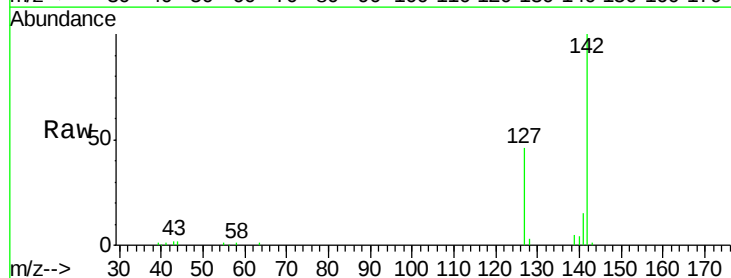
Tgt Ion:142 Resp: 41580

Ion Ratio Lower Upper

142 100

127 46.5 35.6 53.4

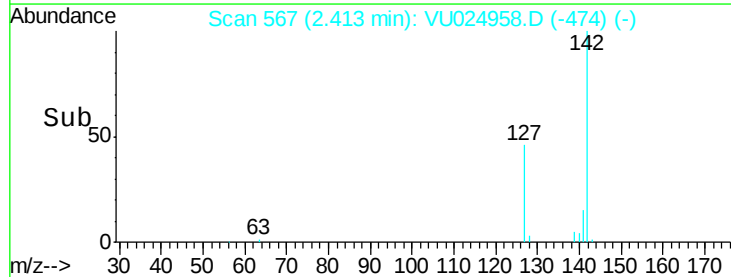
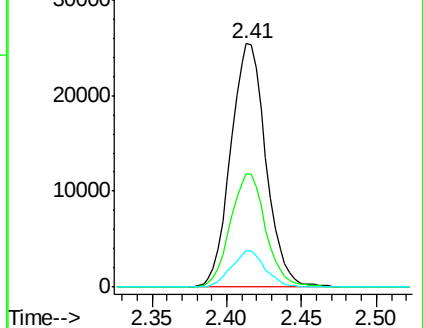
141 14.3 11.7 17.5



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: 93.996 ug/l

RT: 2.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

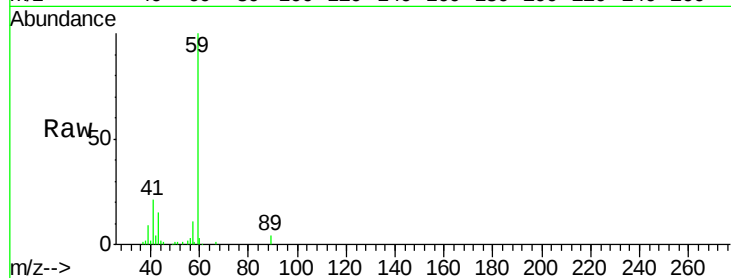
VU0627WBS02

Tgt Ion: 59 Resp: 70195

Ion Ratio Lower Upper

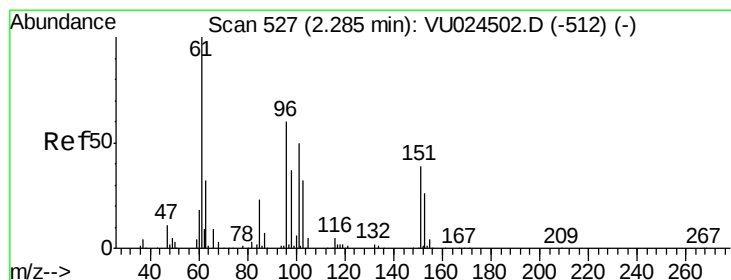
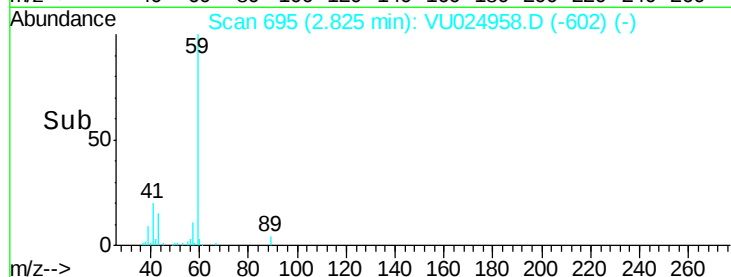
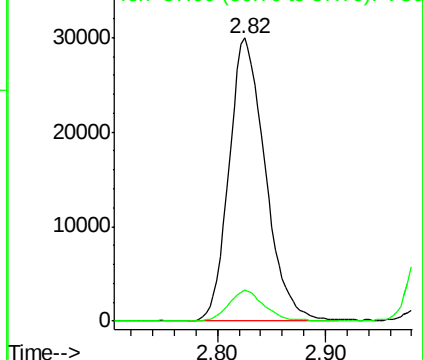
59 100

57 10.7 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 19.324 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

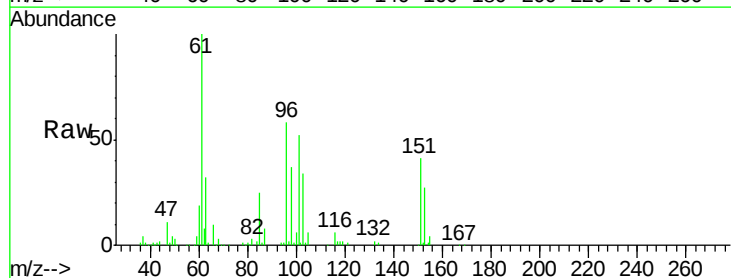
Tgt Ion: 96 Resp: 41385

Ion Ratio Lower Upper

96 100

61 172.7 141.7 212.5

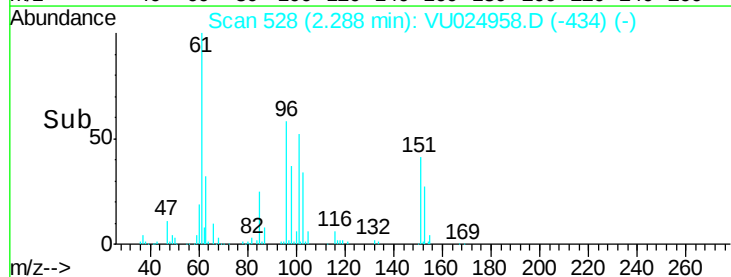
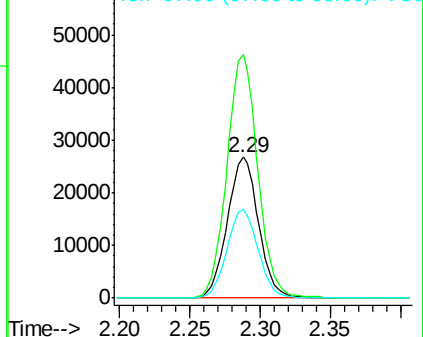
98 63.3 51.6 77.4

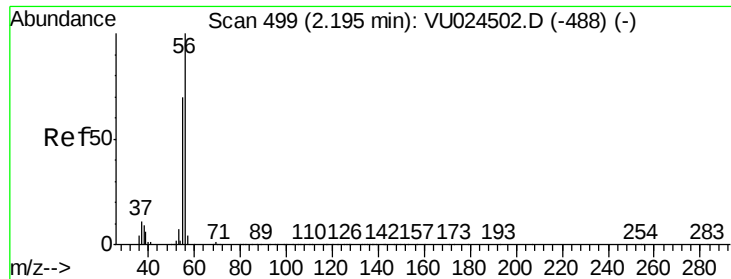


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

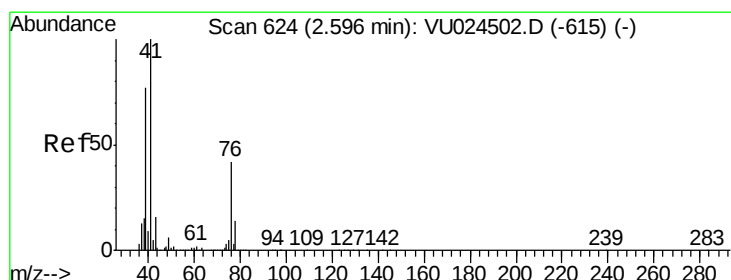
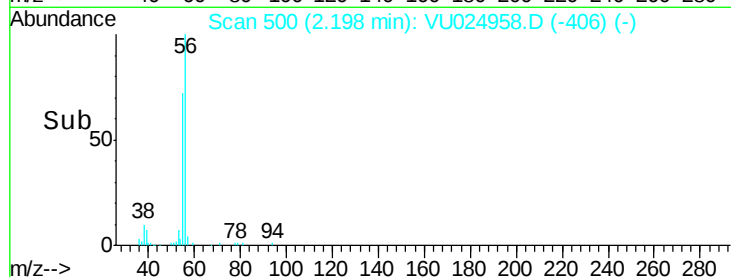
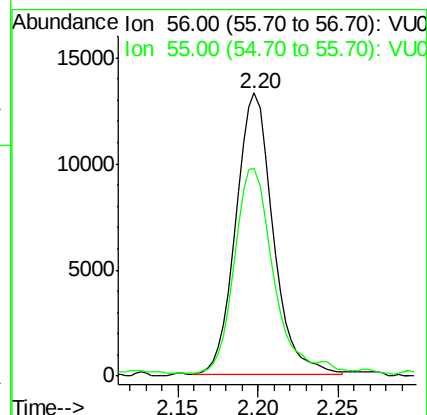
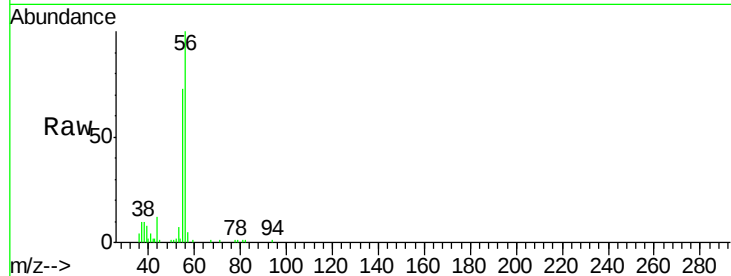




#13
 Acrolein
 Concen: 53.264 ug/l
 RT: 2.20 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

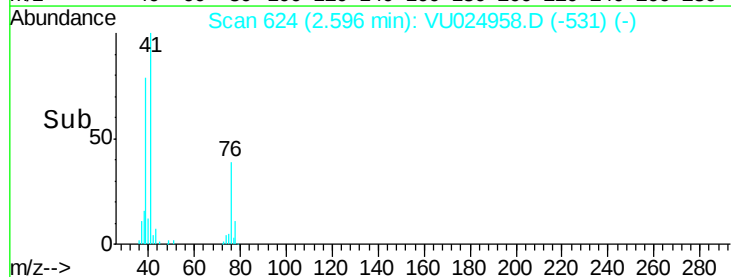
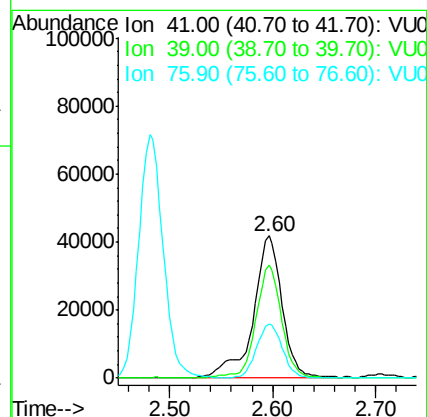
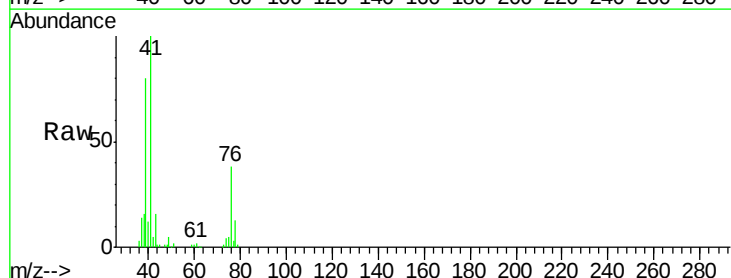
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion: 56 Resp: 20888
 Ion Ratio Lower Upper
 56 100
 55 75.2 58.4 87.6



#14
 Allyl chloride
 Concen: 20.170 ug/l
 RT: 2.60 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 41 Resp: 80204
 Ion Ratio Lower Upper
 41 100
 39 71.7 61.6 92.4
 76 34.5 29.7 44.5





#15

Acrylonitrile

Concen: 96.073 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

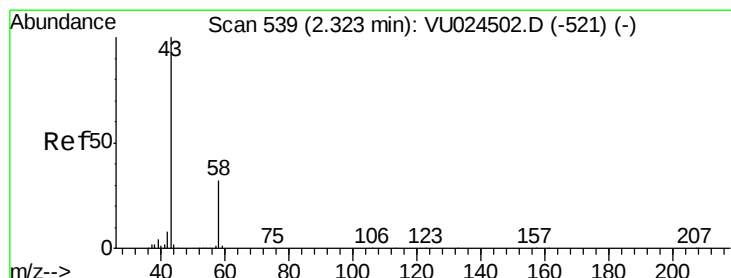
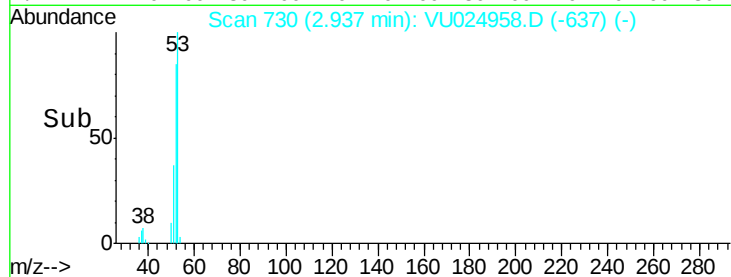
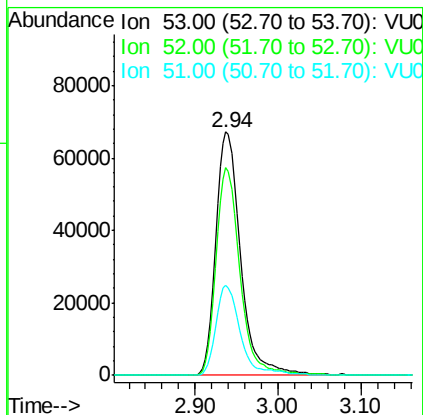
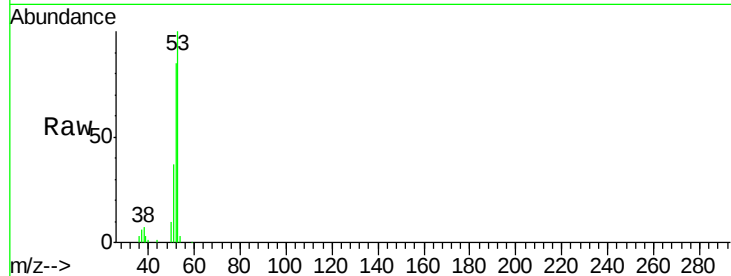
Tgt Ion: 53 Resp: 139590

Ion Ratio Lower Upper

53 100

52 81.7 67.1 100.7

51 36.3 28.4 42.6



#16

Acetone

Concen: 99.939 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024958.D

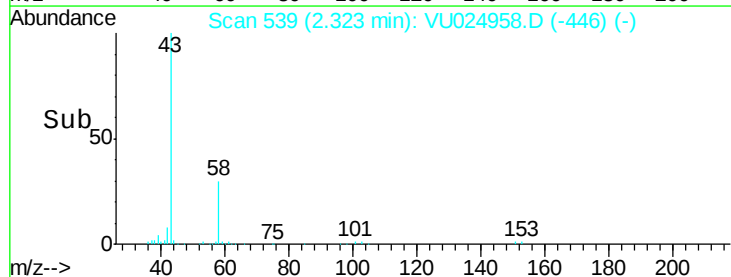
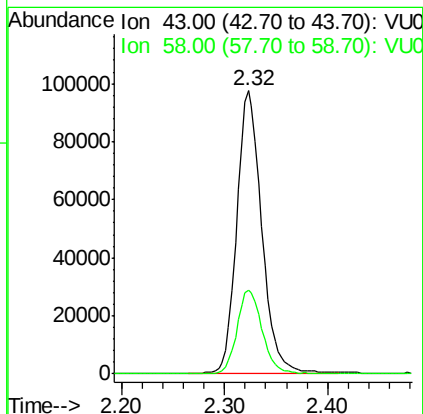
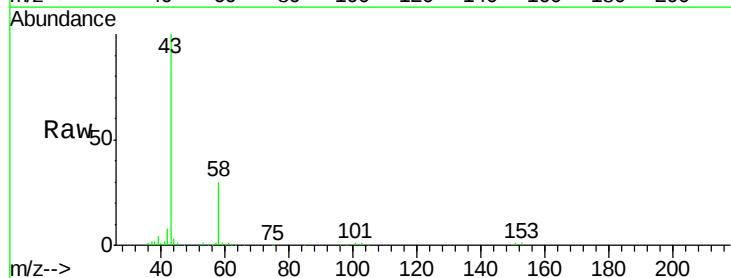
Acq: 27 Jun 2018 11:42

Tgt Ion: 43 Resp: 164881

Ion Ratio Lower Upper

43 100

58 29.7 24.4 36.6





#17

Carbon Disulfide

Concen: 17.260 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

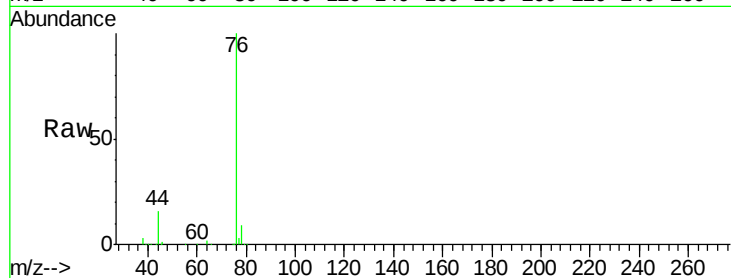
VU0627WBS02

Tgt Ion: 76 Resp: 118363

Ion Ratio Lower Upper

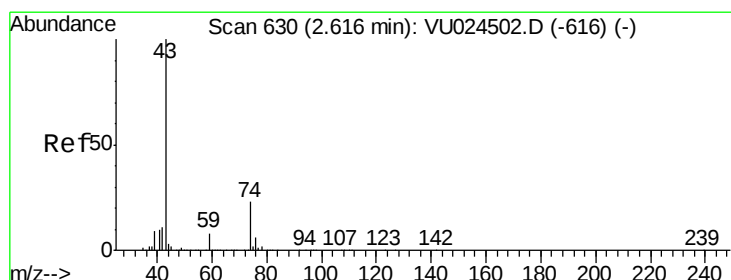
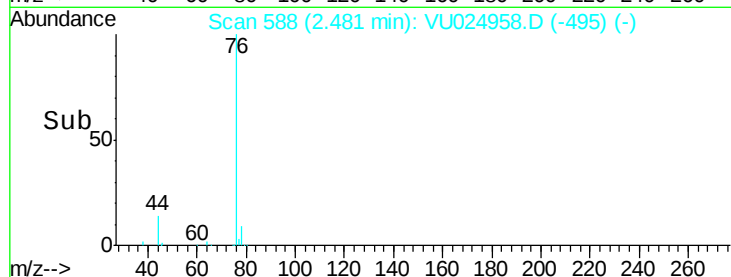
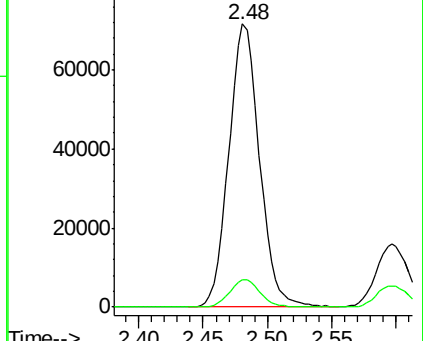
76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 21.639 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024958.D

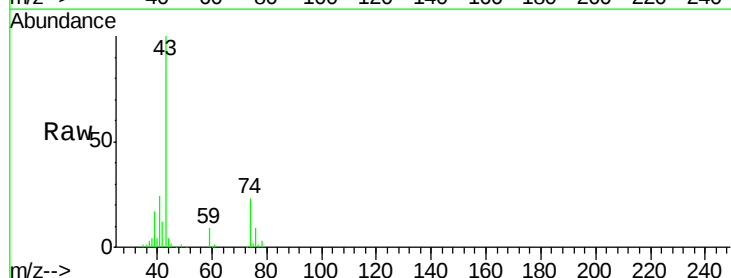
Acq: 27 Jun 2018 11:42

Tgt Ion: 43 Resp: 76535

Ion Ratio Lower Upper

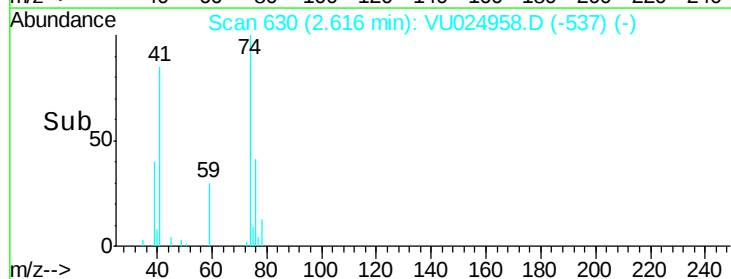
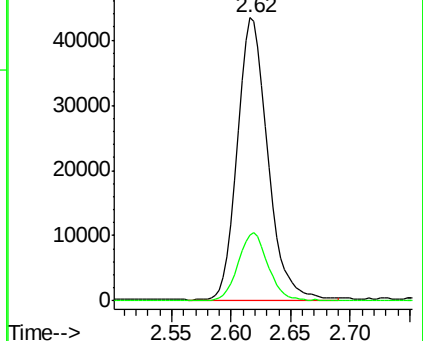
43 100

74 23.8 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

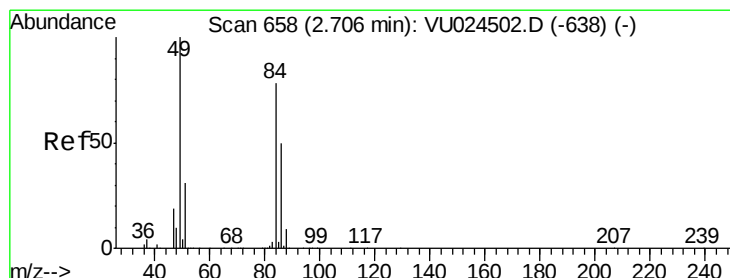
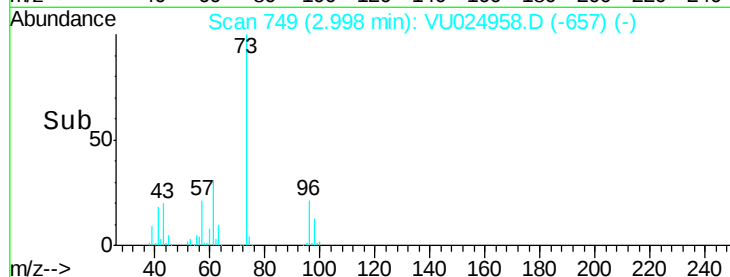
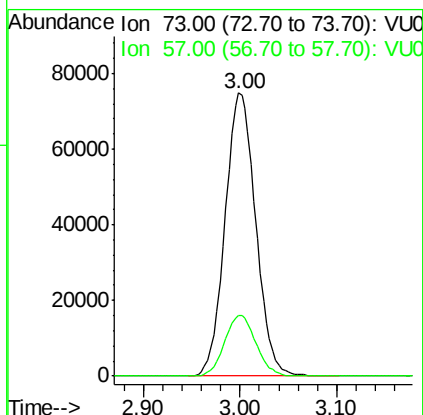
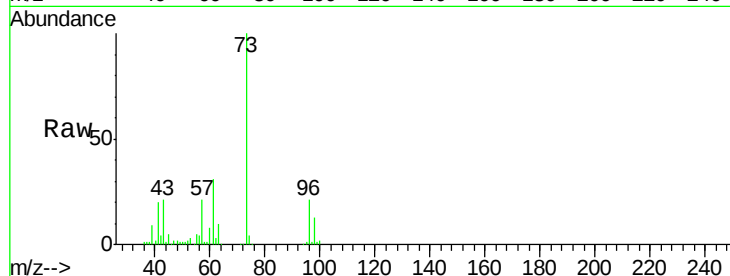




#19
Methyl tert-butyl Ether
Concen: 20.452 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

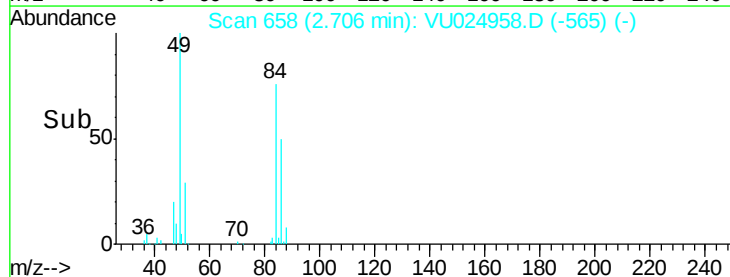
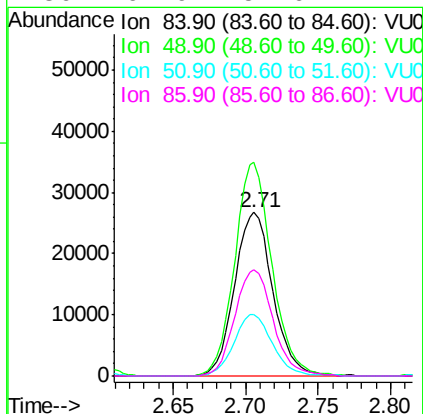
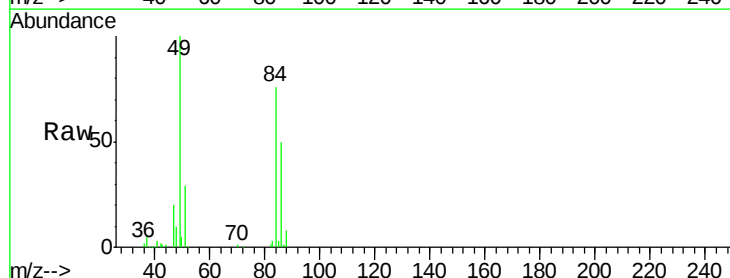
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

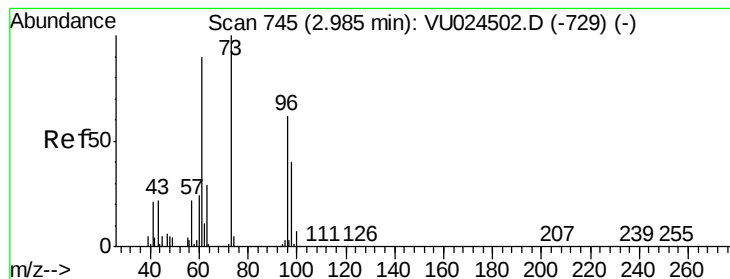
Tgt Ion: 73 Resp: 164645
Ion Ratio Lower Upper
73 100
57 21.2 18.8 28.2



#20
Methylene Chloride
Concen: 18.874 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion: 84 Resp: 48859
Ion Ratio Lower Upper
84 100
49 130.8 103.8 155.8
51 37.8 32.0 48.0
86 64.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 18.872 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

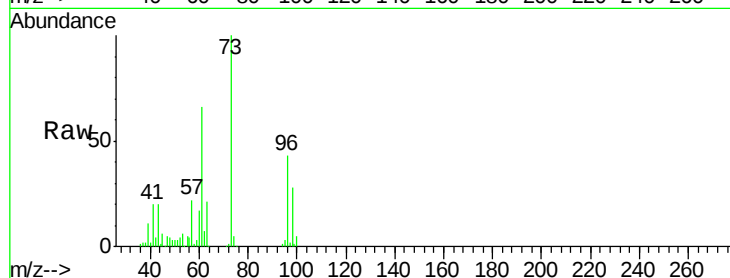
Tgt Ion: 96 Resp: 44515

Ion Ratio Lower Upper

96 100

61 153.1 119.4 179.0

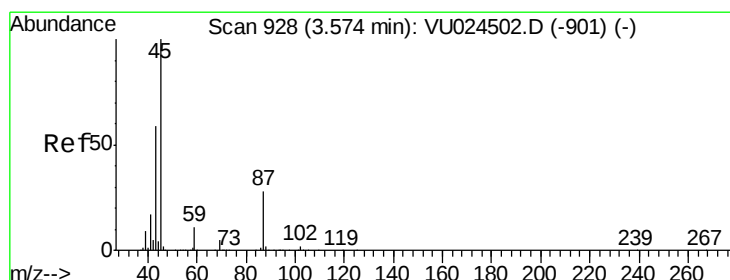
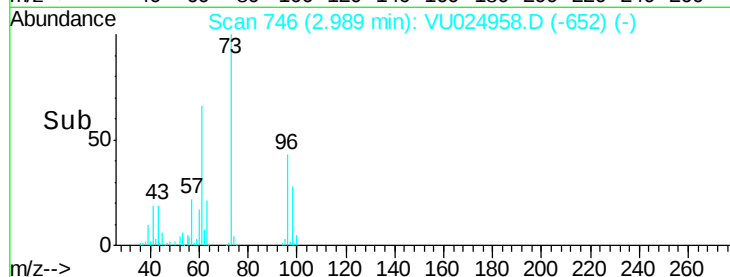
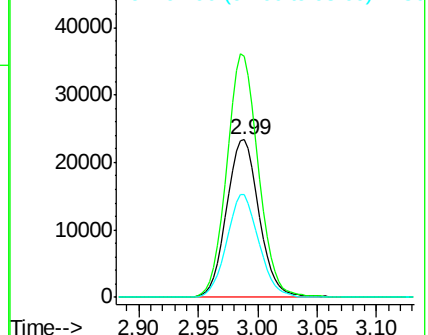
98 65.1 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024958.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU024958.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU024958.D (-652) (-)



#22

Diisopropyl ether

Concen: 19.581 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion: 45 Resp: 154354

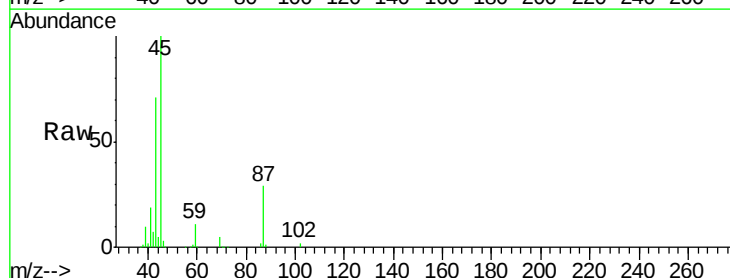
Ion Ratio Lower Upper

45 100

43 70.2 45.8 68.6#

87 28.6 20.6 31.0

59 11.0 9.4 14.0

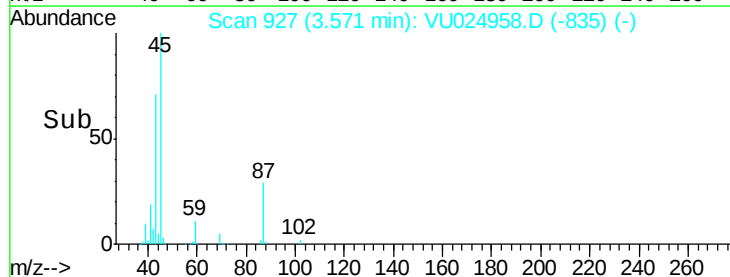
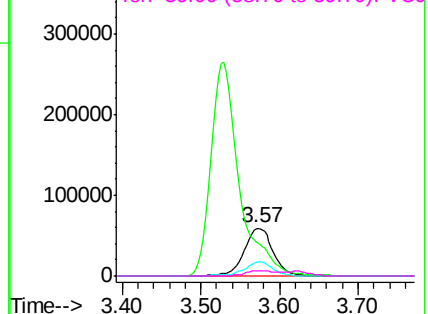


Abundance Ion 45.00 (44.70 to 45.70): VU024958.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU024958.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU024958.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU024958.D (-835) (-)

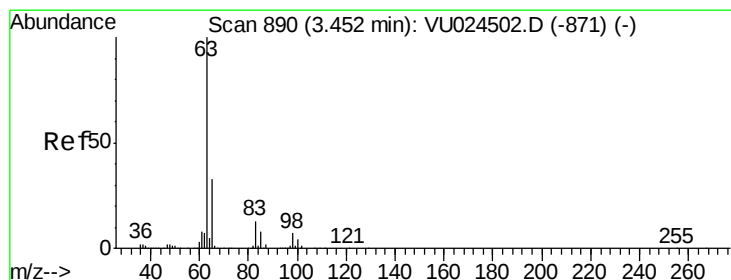
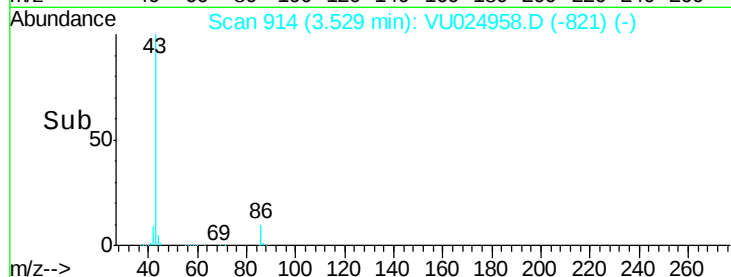
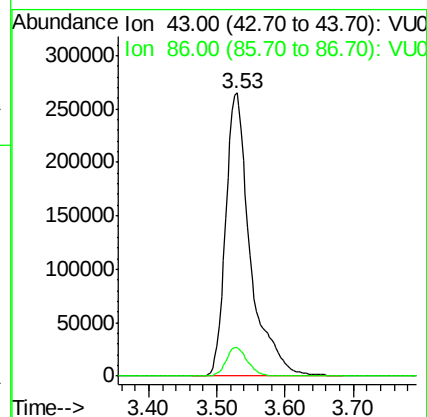
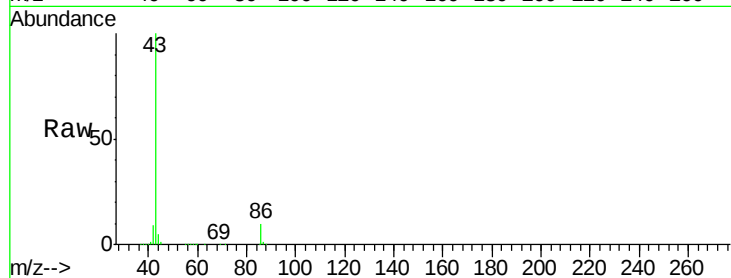




#23
 Vinyl Acetate
 Concen: 93.942 ug/l
 RT: 3.53 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

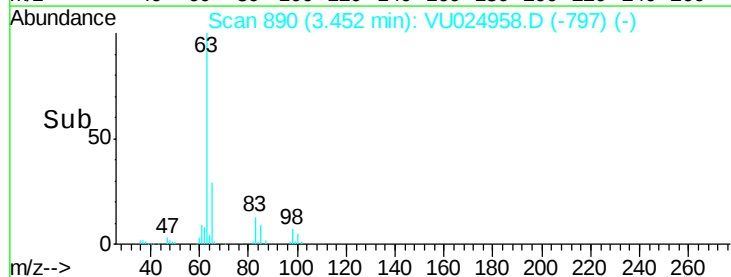
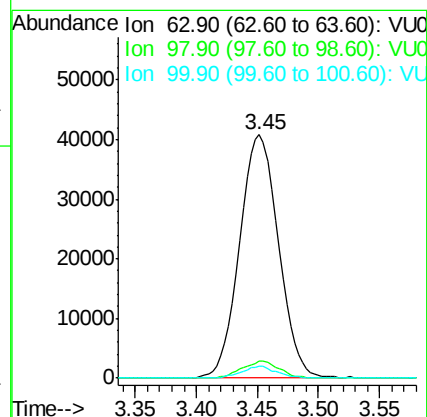
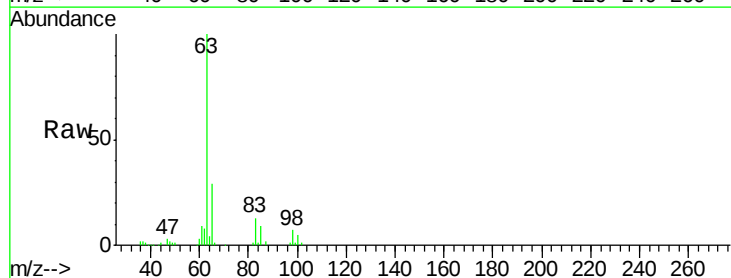
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion: 43 Resp: 663355
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.875 ug/l
 RT: 3.45 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 63 Resp: 90128
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 5.0 1.8 5.5

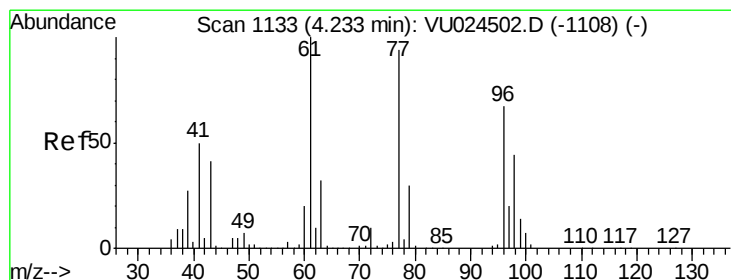
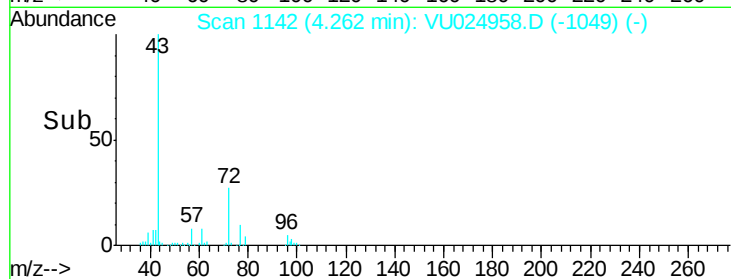
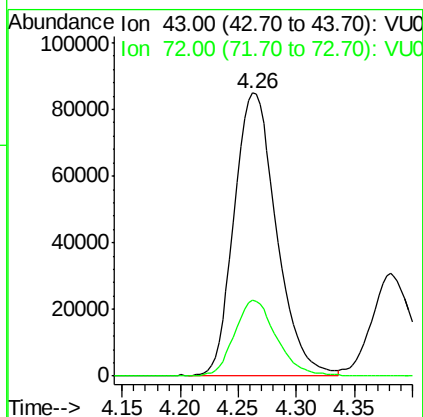
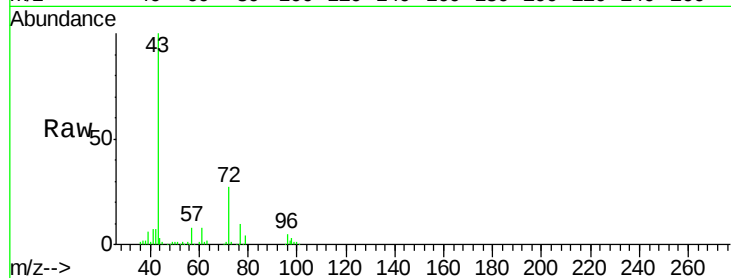




#25
 2-Butanone
 Concen: 96.769 ug/l
 RT: 4.26 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

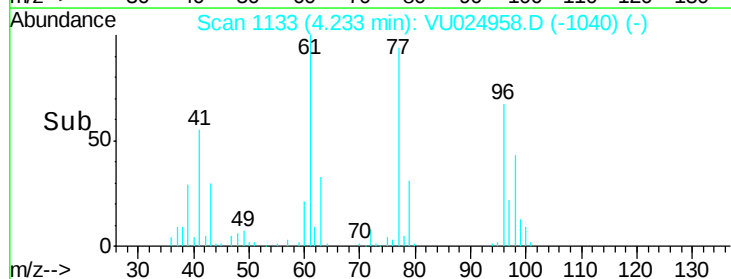
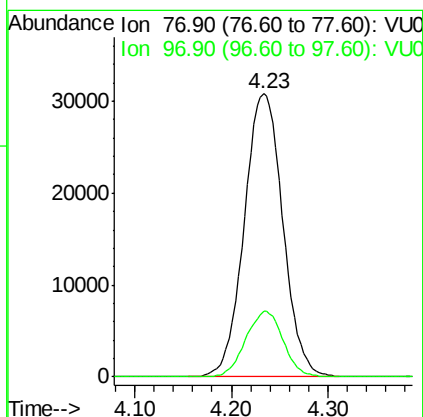
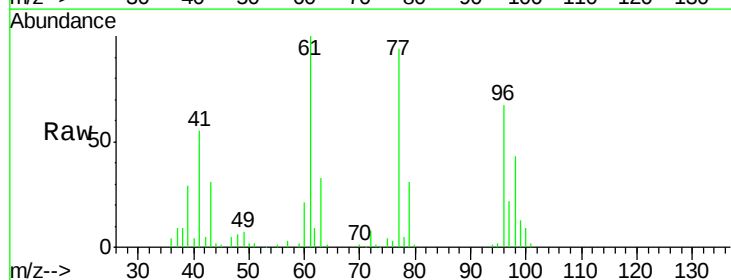
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion: 43 Resp: 214447
 Ion Ratio Lower Upper
 43 100
 72 27.0 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 19.840 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 77 Resp: 85431
 Ion Ratio Lower Upper
 77 100
 97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.897 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

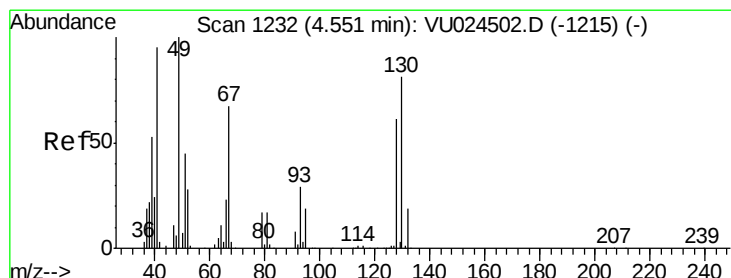
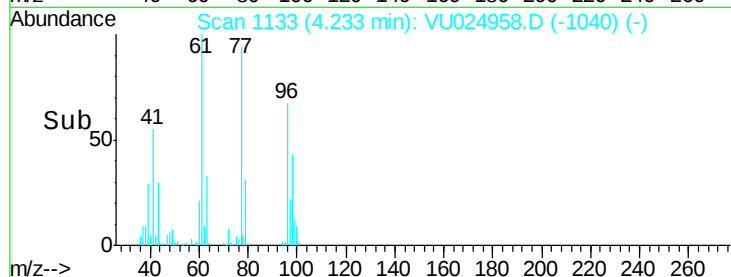
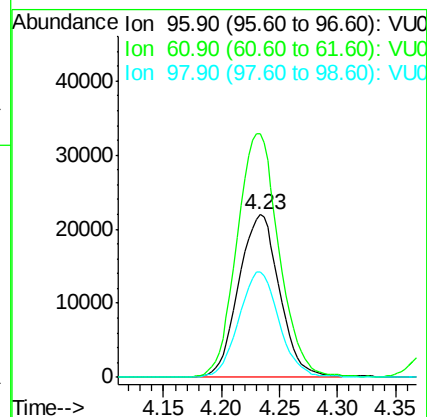
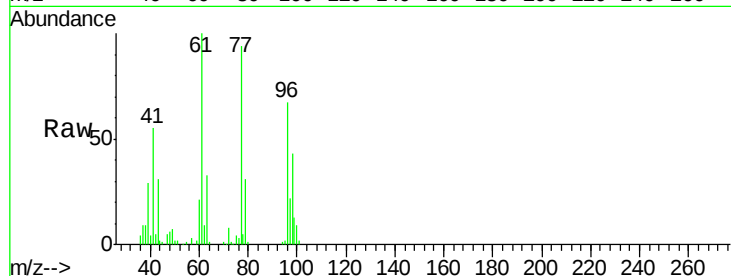
Tgt Ion: 96 Resp: 53956

Ion Ratio Lower Upper

96 100

61 153.6 0.0 306.6

98 63.6 0.0 128.8



#28

Bromochloromethane

Concen: 19.392 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

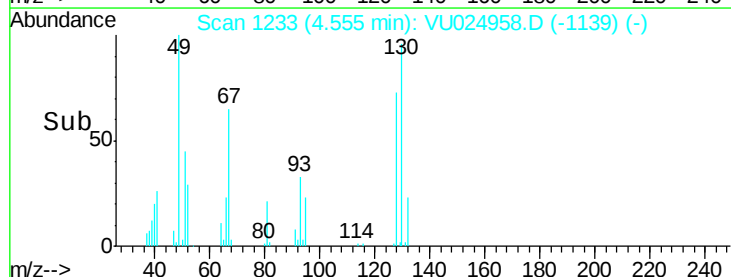
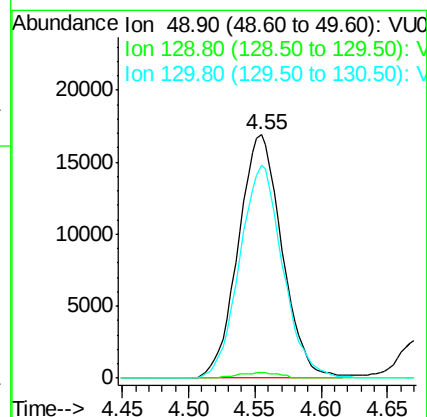
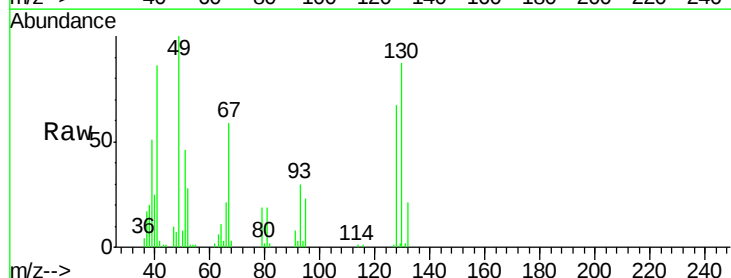
Tgt Ion: 49 Resp: 38733

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 86.3 57.8 86.6





#29

Tetrahydrofuran

Concen: 92.581 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

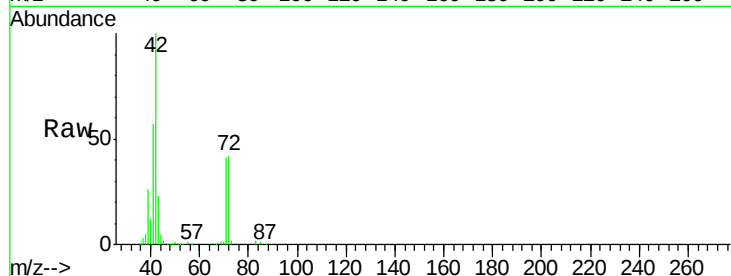
Tgt Ion: 42 Resp: 127052

Ion Ratio Lower Upper

42 100

72 45.5 34.5 51.7

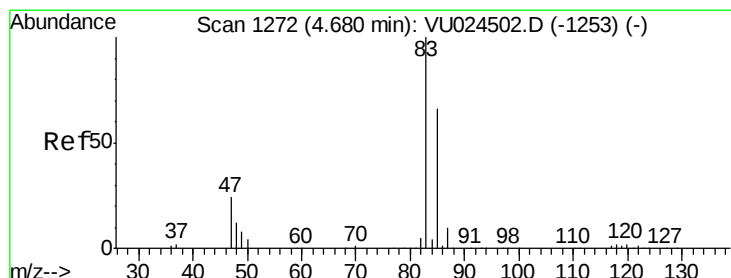
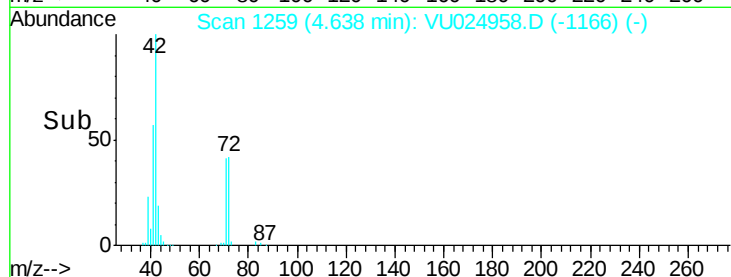
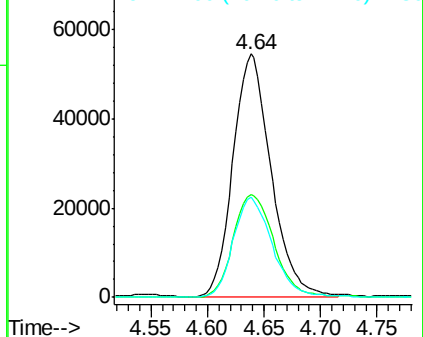
71 42.6 32.2 48.4



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: 20.398 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024958.D

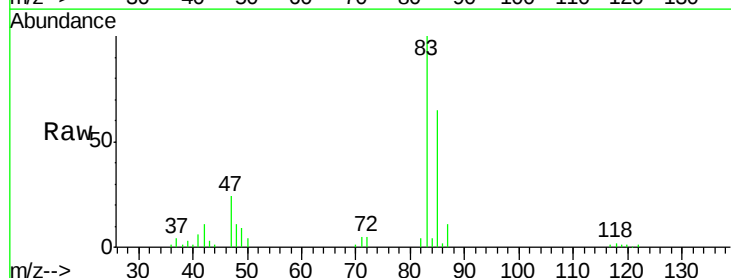
Acq: 27 Jun 2018 11:42

Tgt Ion: 83 Resp: 93625

Ion Ratio Lower Upper

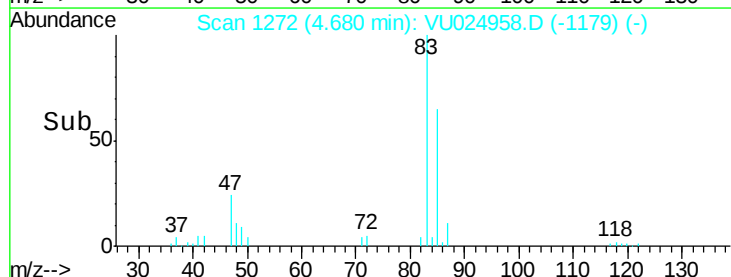
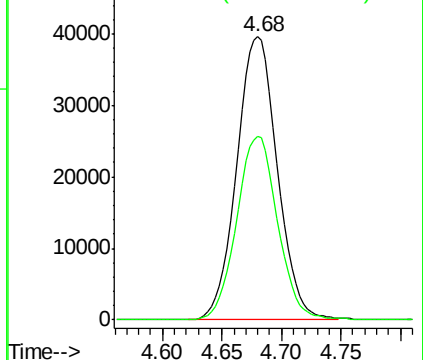
83 100

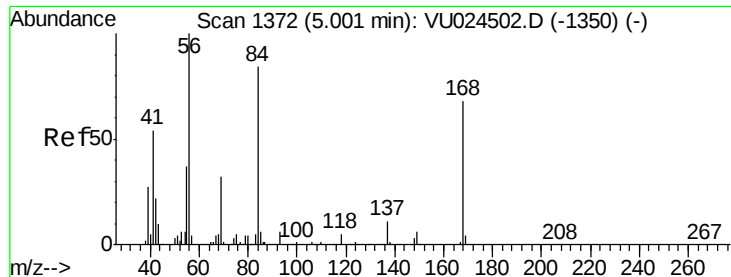
85 65.0 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

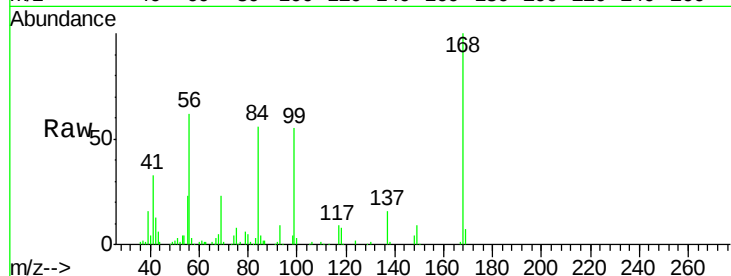




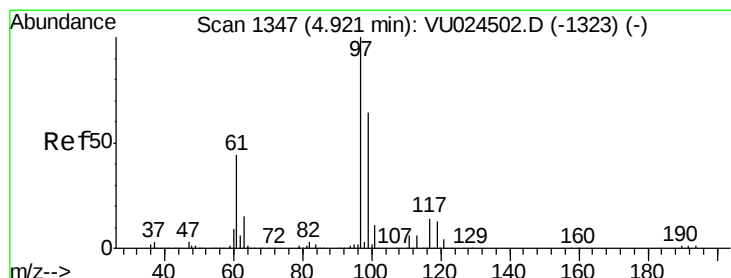
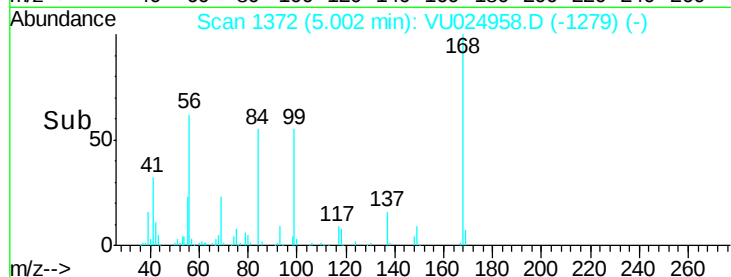
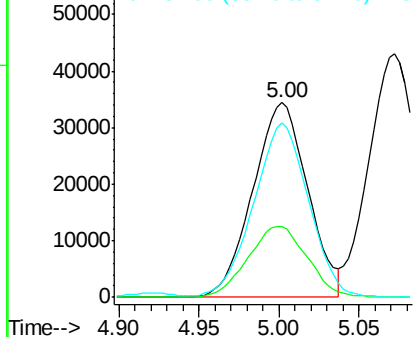
#31
Cyclohexane
Concen: 19.046 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tgt Ion: 56 Resp: 81617
Ion Ratio Lower Upper
56 100
69 36.4 24.8 37.2
84 89.0 65.2 97.8

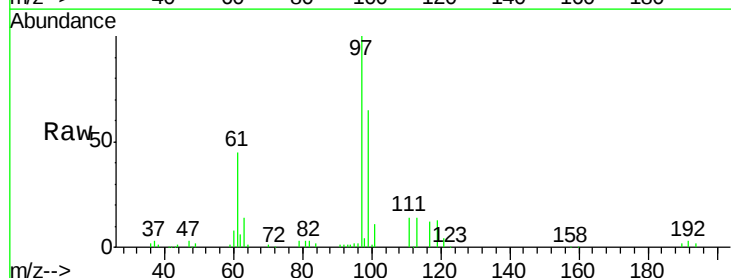


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

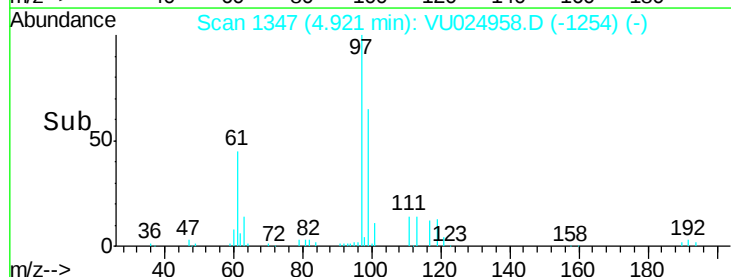
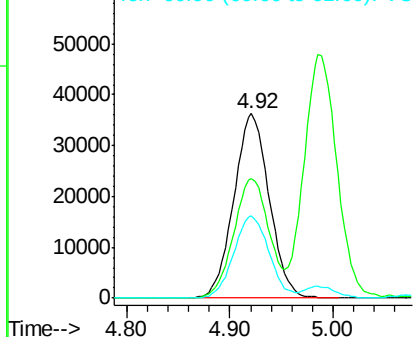


#32
1,1,1-Trichloroethane
Concen: 20.386 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion: 97 Resp: 86525
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.6
61 44.7 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

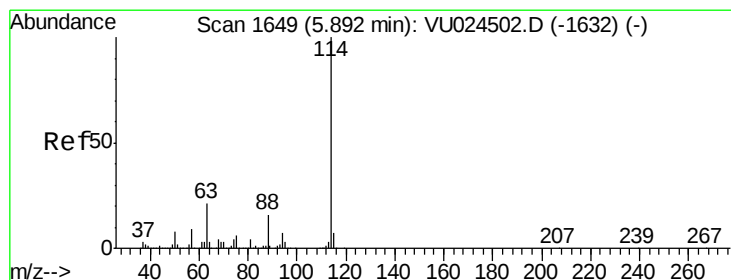
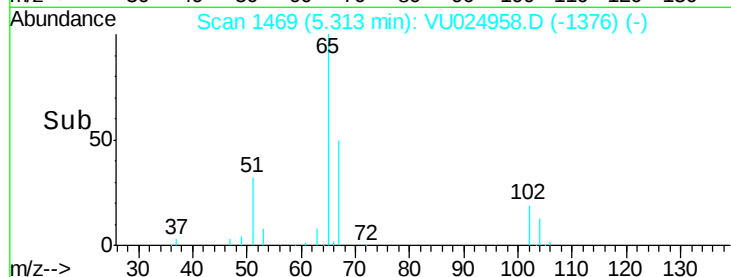
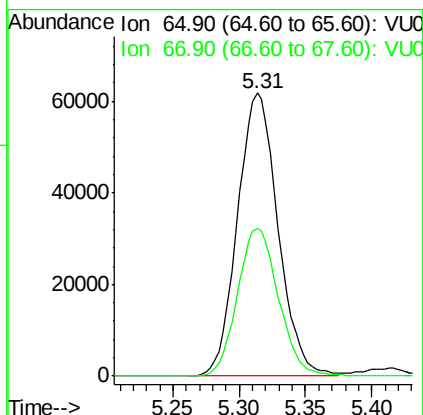
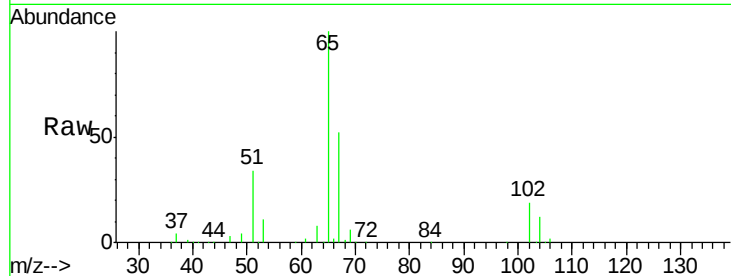




#33
 1,2-Dichloroethane-d4
 Concen: 42.701 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

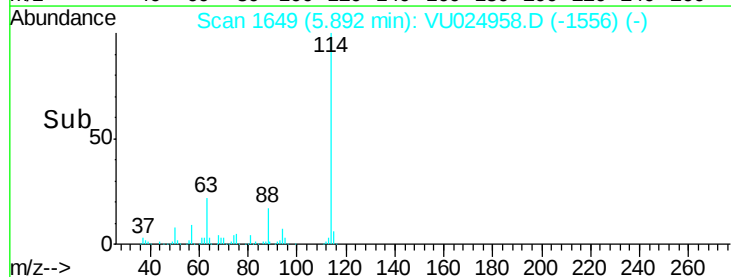
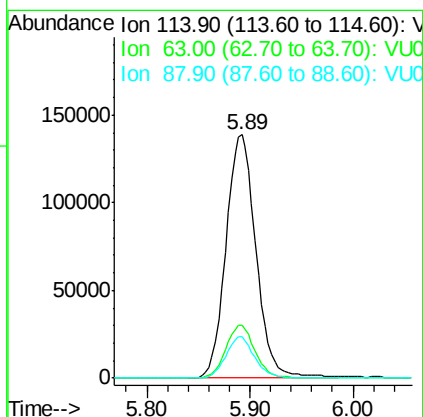
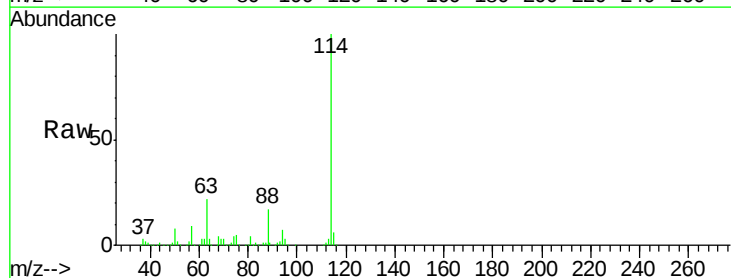
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion: 65 Resp: 131115
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 114 Resp: 281638
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.4
 88 16.8 0.0 31.0

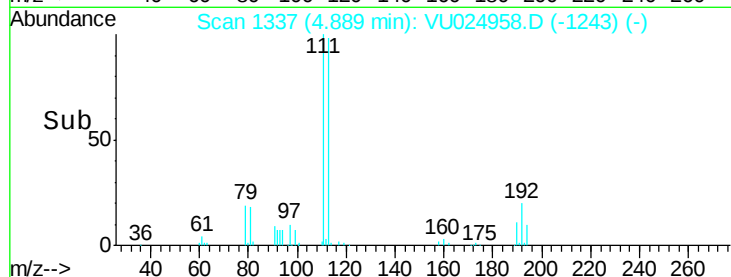
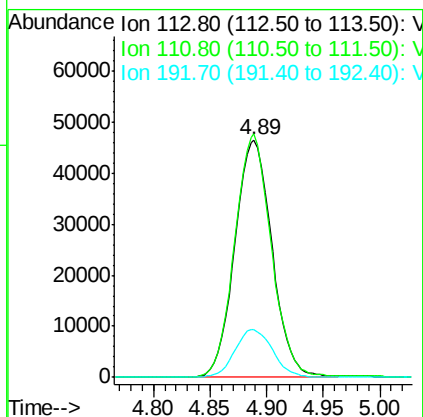
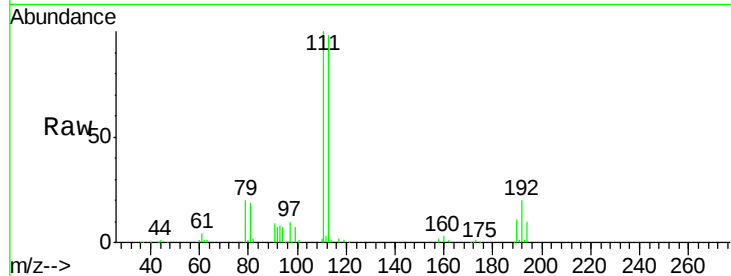




#35
 Dibromofluoromethane
 Concen: 45.663 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

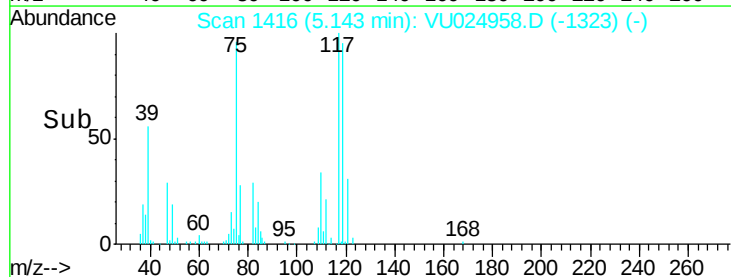
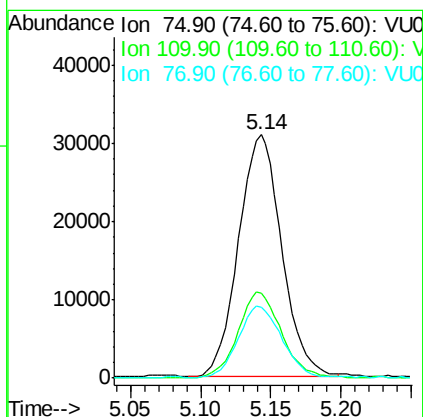
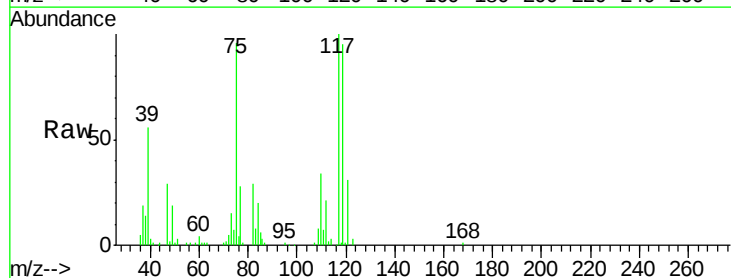
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

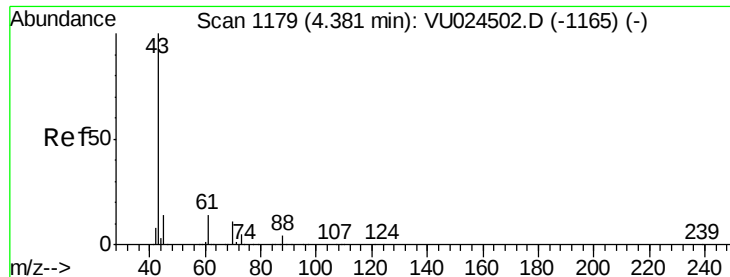
Tgt Ion:113 Resp: 106732
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.2 123.4
 192 20.5 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 20.032 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 75 Resp: 66295
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.0 50.9
 77 29.3 24.2 36.4

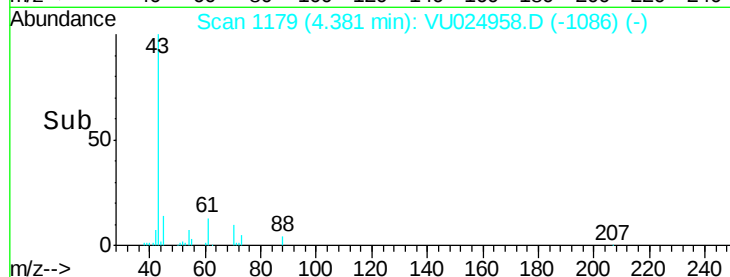
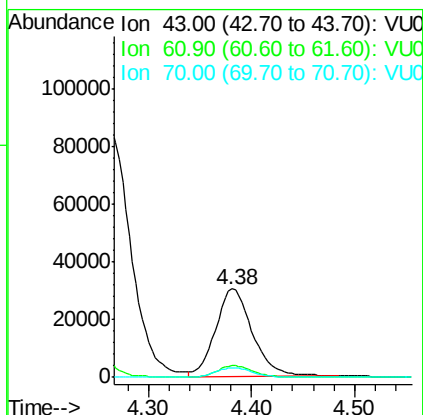
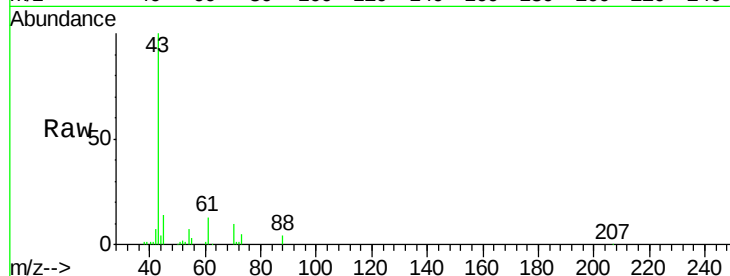




#37
 Ethyl Acetate
 Concen: 20.934 ug/l
 RT: 4.38 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

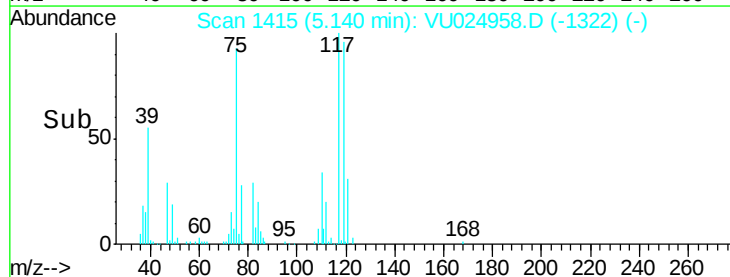
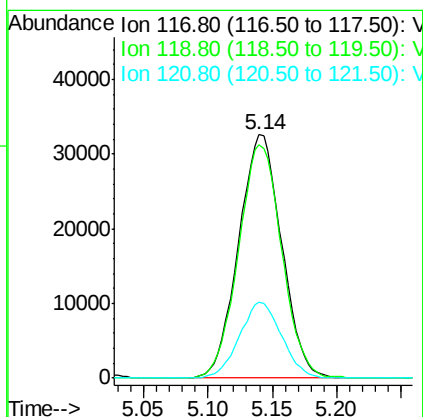
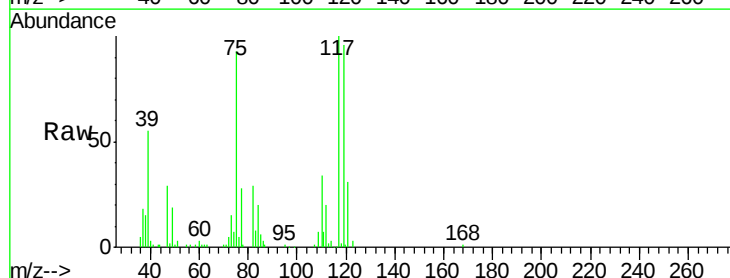
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion: 43 Resp: 75509
 Ion Ratio Lower Upper
 43 100
 61 12.3 10.5 15.7
 70 10.8 7.4 11.2



#38
 Carbon Tetrachloride
 Concen: 20.791 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 117 Resp: 75663
 Ion Ratio Lower Upper
 117 100
 119 96.0 76.1 114.1
 121 31.3 23.7 35.5

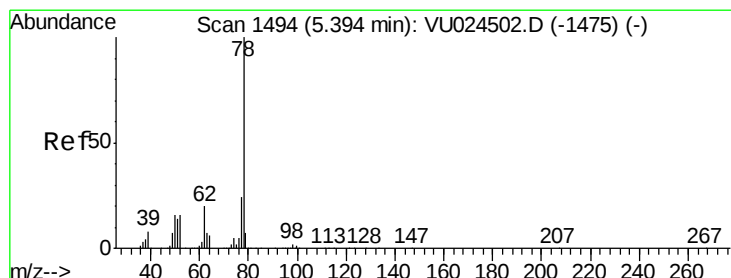
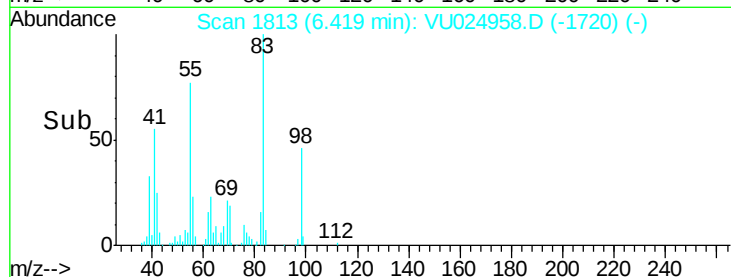
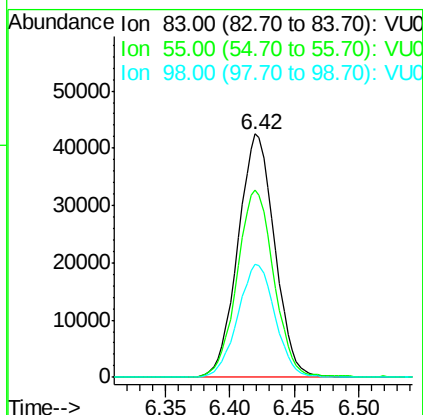
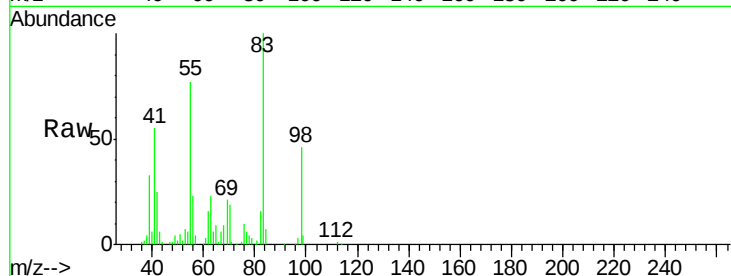




#39
Methylcyclohexane
Concen: 20.395 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

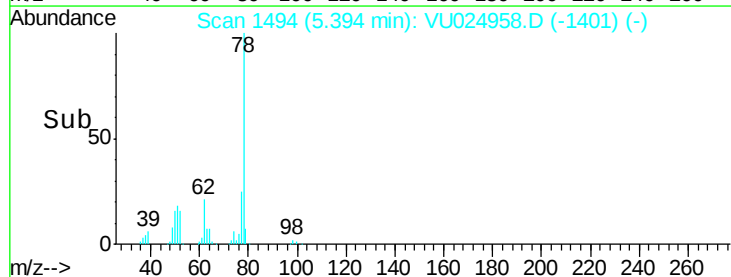
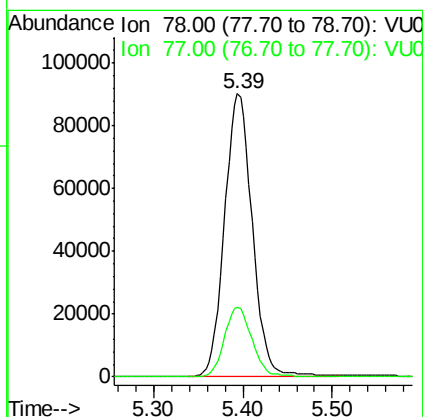
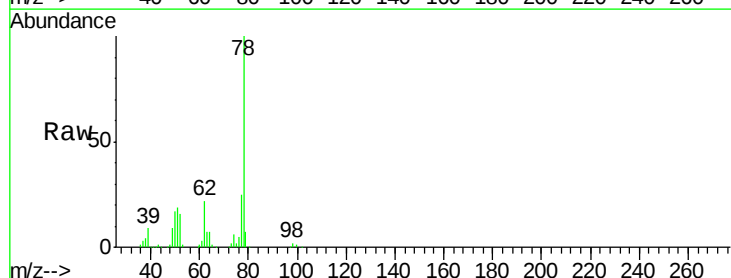
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tgt Ion: 83 Resp: 84230
Ion Ratio Lower Upper
83 100
55 77.1 65.8 98.6
98 46.3 36.7 55.1



#40
Benzene
Concen: 20.706 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion: 78 Resp: 195263
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8





#41

Methacrylonitrile

Concen: 20.975 ug/l

RT: 4.55 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

Tgt Ion: 41 Resp: 40792

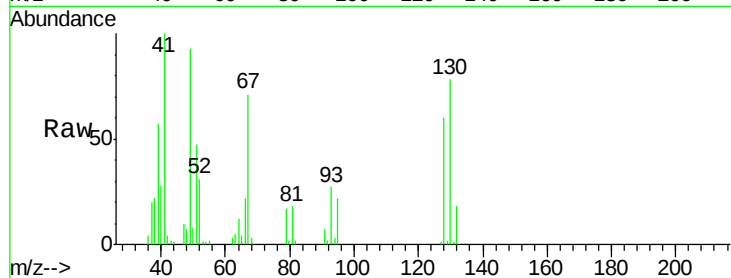
Ion Ratio Lower Upper

41 100

39 56.8 43.8 65.6

67 72.8 56.3 84.5

52 31.2 23.2 34.8

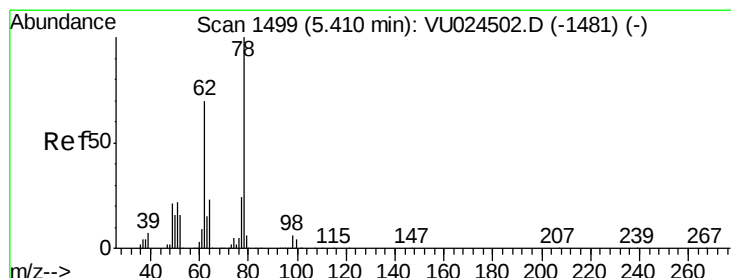
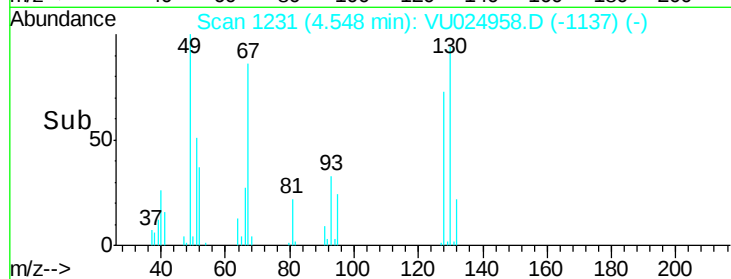
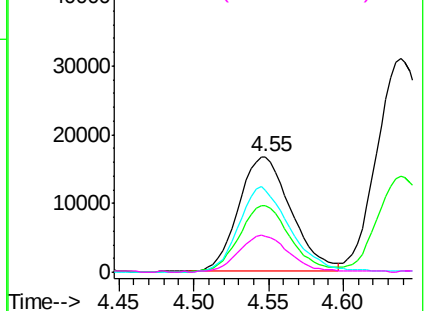


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 22.326 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU024958.D

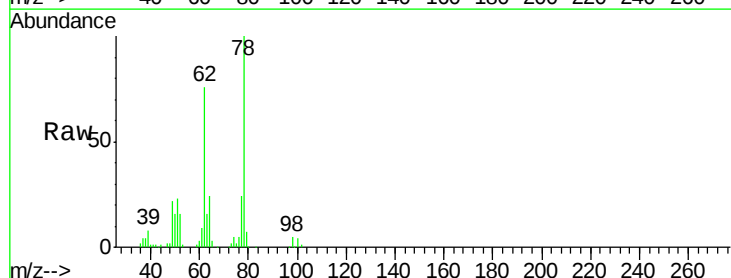
Acq: 27 Jun 2018 11:42

Tgt Ion: 62 Resp: 80187

Ion Ratio Lower Upper

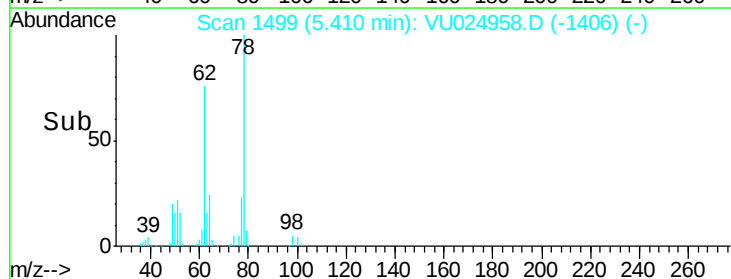
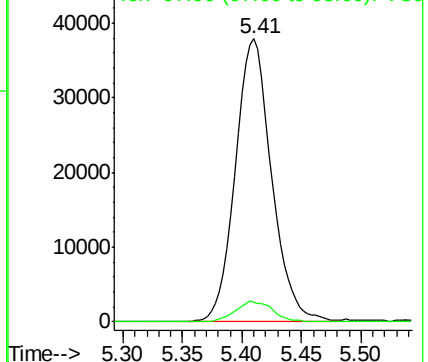
62 100

98 7.5 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 19.292 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

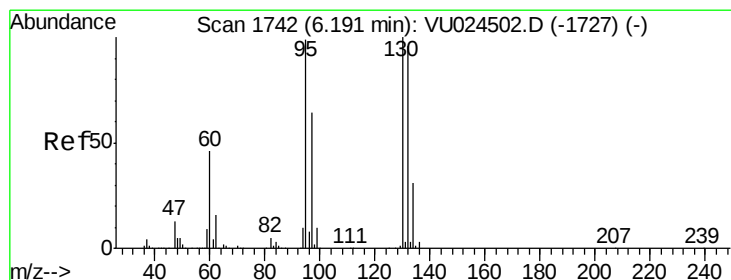
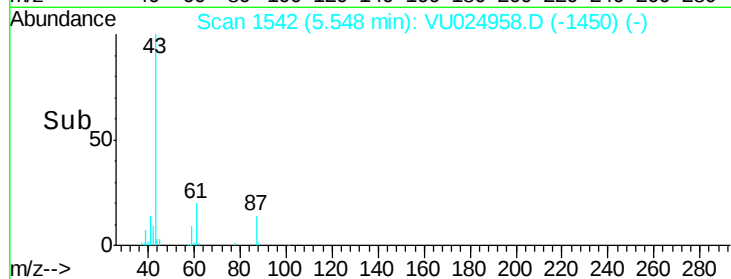
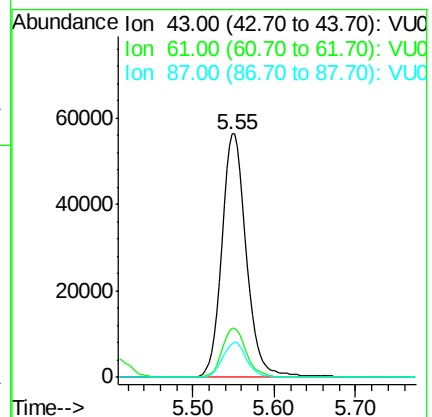
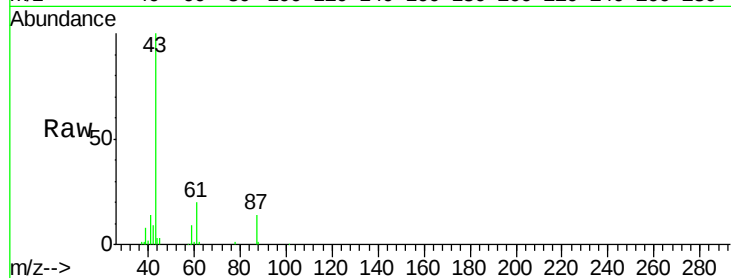
Tgt Ion: 43 Resp: 120288

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.0

87 13.9 10.0 15.0



#44

Trichloroethene

Concen: 19.900 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024958.D

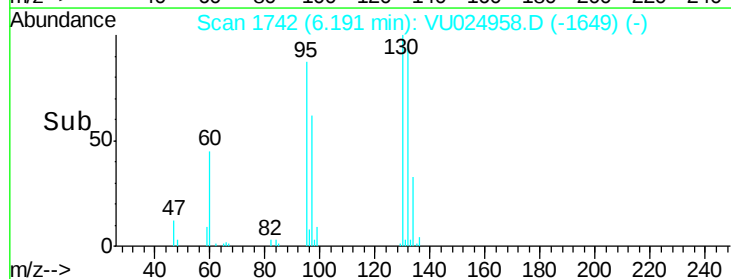
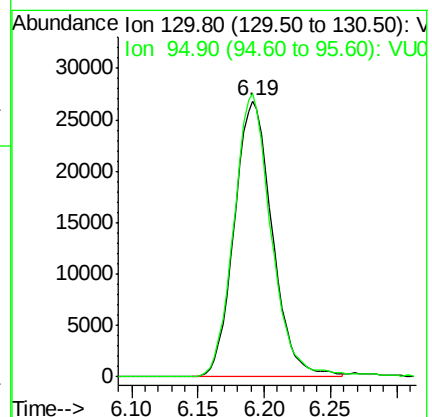
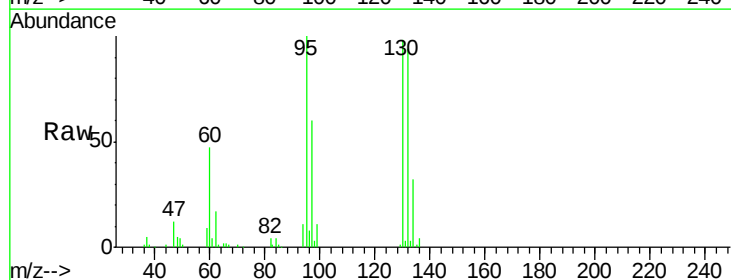
Acq: 27 Jun 2018 11:42

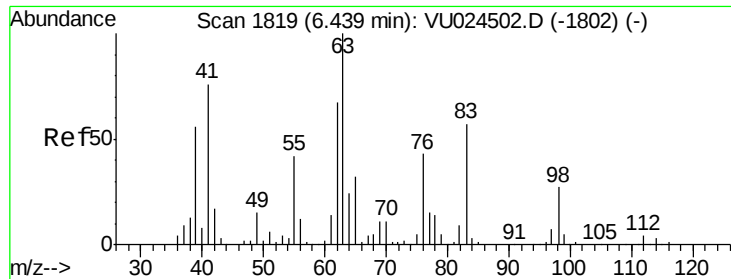
Tgt Ion: 130 Resp: 53408

Ion Ratio Lower Upper

130 100

95 102.6 0.0 202.4





#45

1,2-Dichloropropane

Concen: 20.430 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

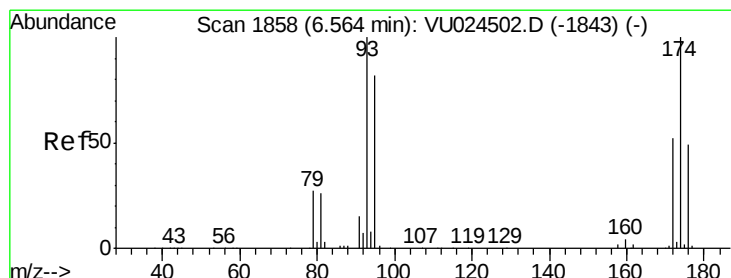
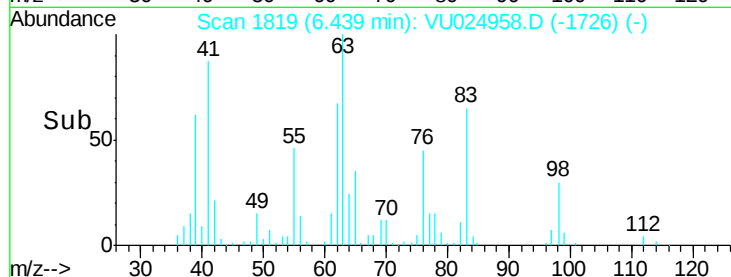
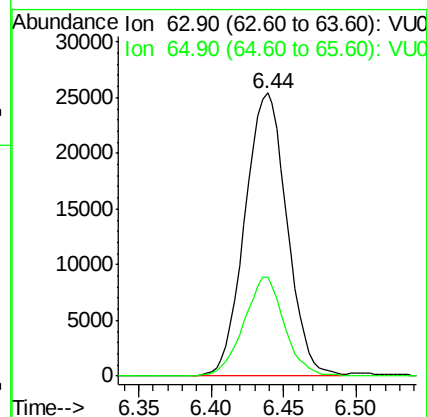
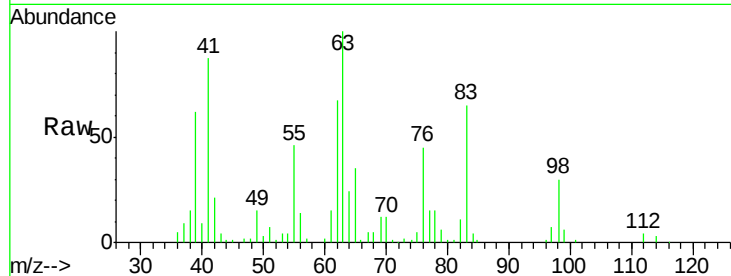
VU0627WBS02

Tgt Ion: 63 Resp: 51406

Ion Ratio Lower Upper

63 100

65 35.0 24.8 37.2



#46

Dibromomethane

Concen: 21.325 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

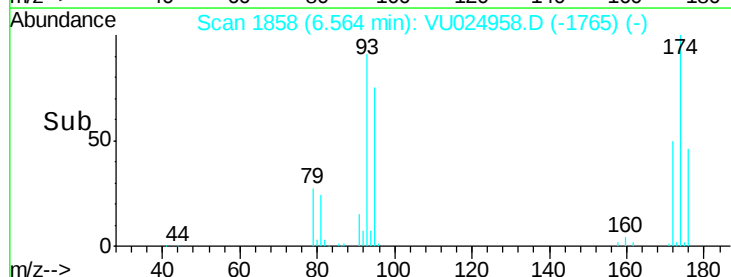
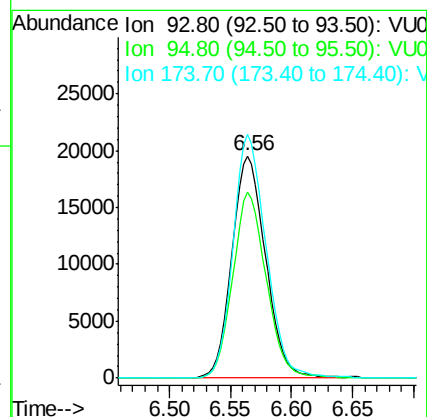
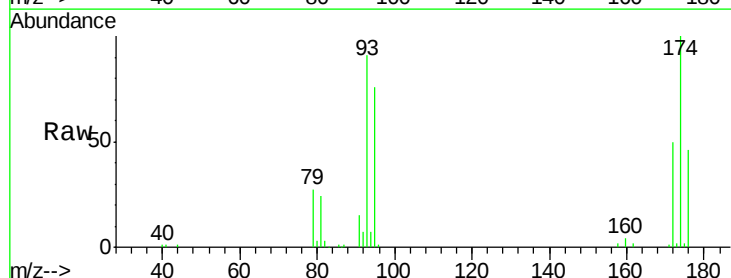
Tgt Ion: 93 Resp: 37689

Ion Ratio Lower Upper

93 100

95 83.0 65.5 98.3

174 107.3 78.7 118.1





#47

Bromodichloromethane

Concen: 19.841 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

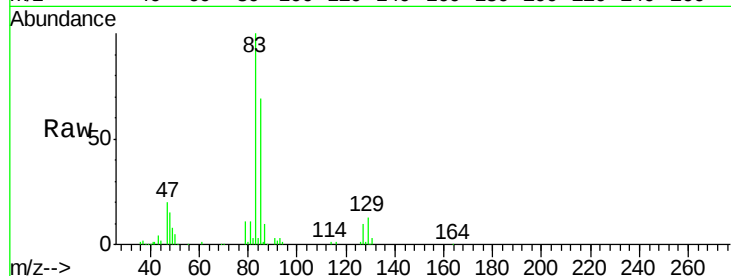
Tgt Ion: 83 Resp: 69830

Ion Ratio Lower Upper

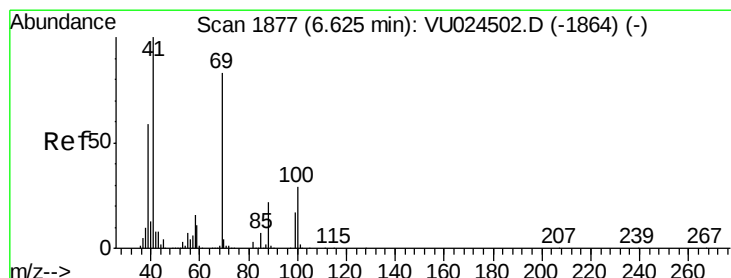
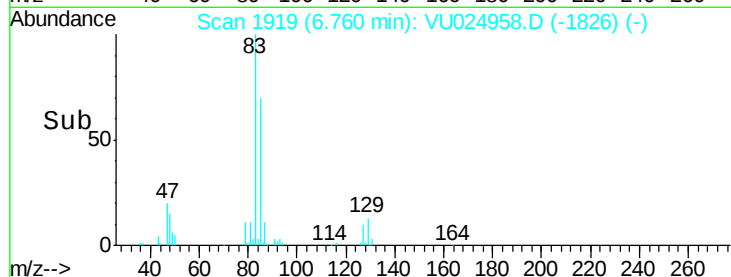
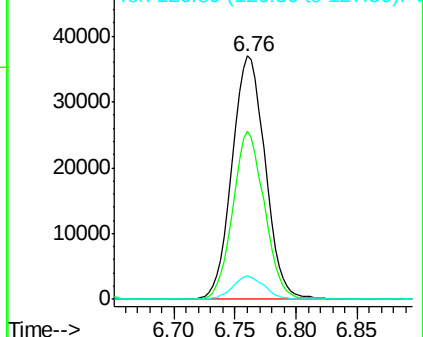
83 100

85 68.9 51.9 77.9

127 9.7 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: 20.364 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

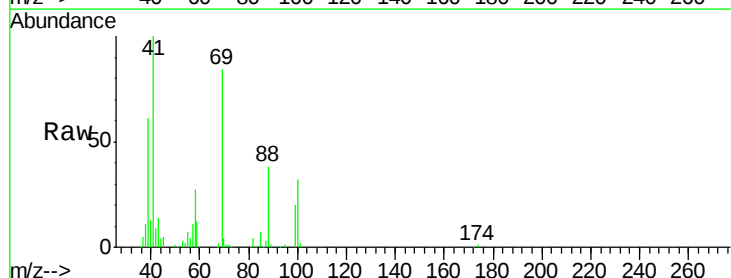
Tgt Ion: 41 Resp: 61826

Ion Ratio Lower Upper

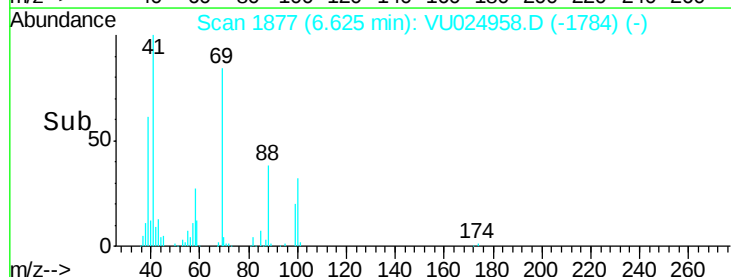
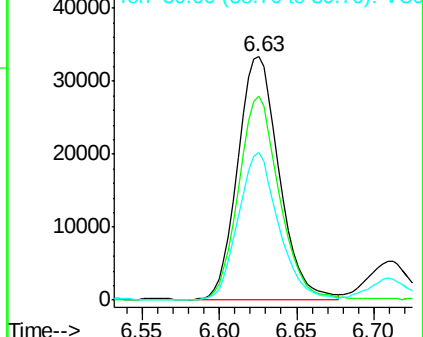
41 100

69 82.9 67.3 100.9

39 59.7 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

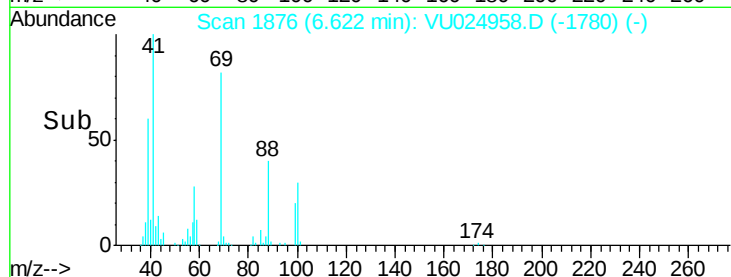
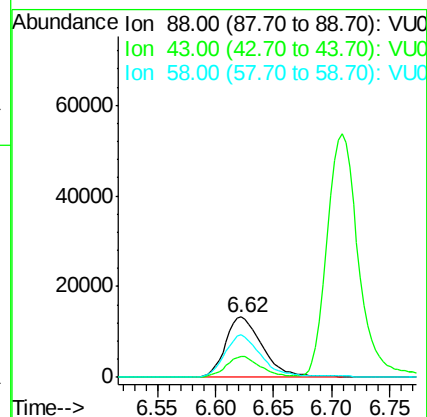
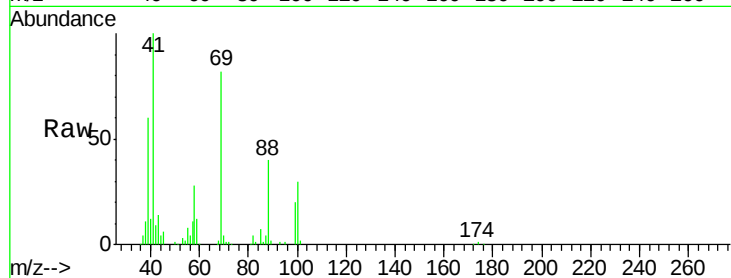




#49
1,4-Dioxane
Concen: 498.685 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

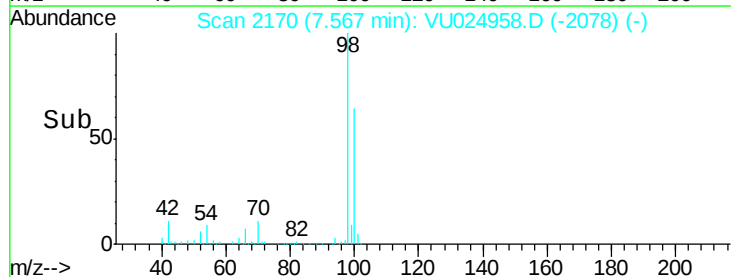
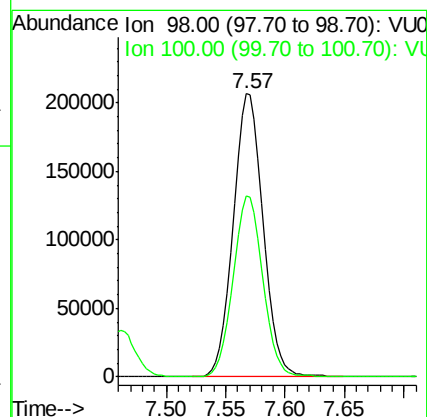
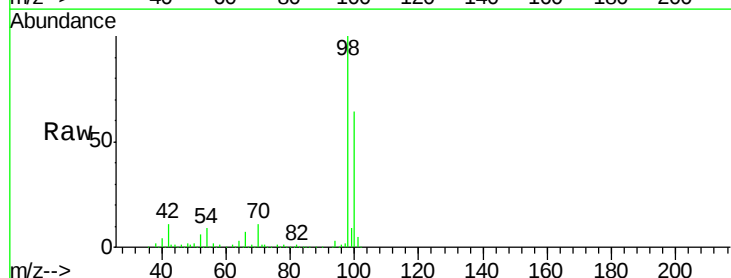
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tgt Ion: 88 Resp: 29609
Ion Ratio Lower Upper
88 100
43 32.1 28.6 42.8
58 68.6 58.2 87.4



#50
Toluene-d8
Concen: 42.212 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion: 98 Resp: 359888
Ion Ratio Lower Upper
98 100
100 63.2 51.1 76.7

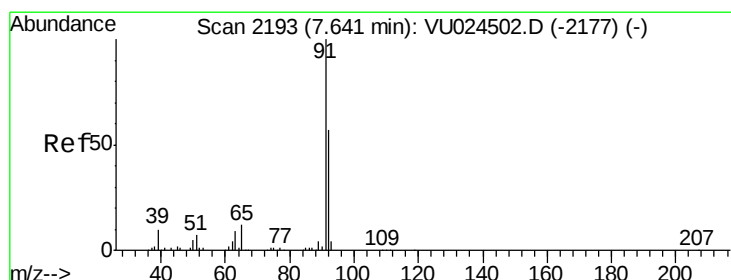
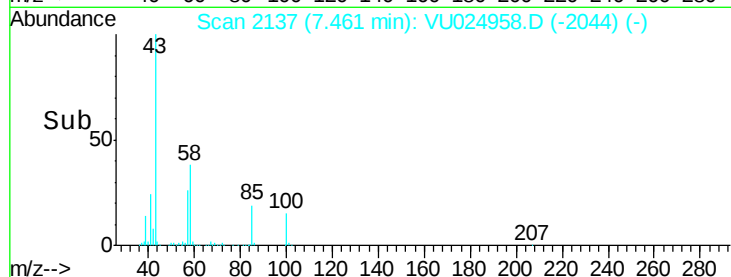
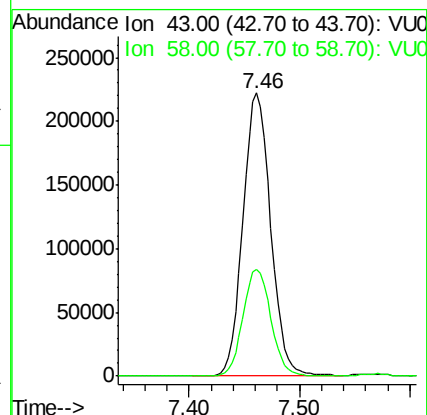
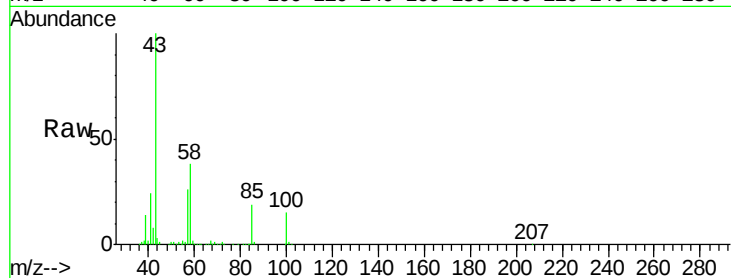




#51
 4-Methyl-2-Pentanone
 Concen: 98.773 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

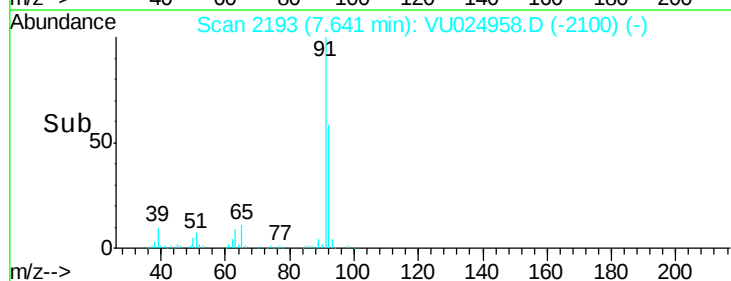
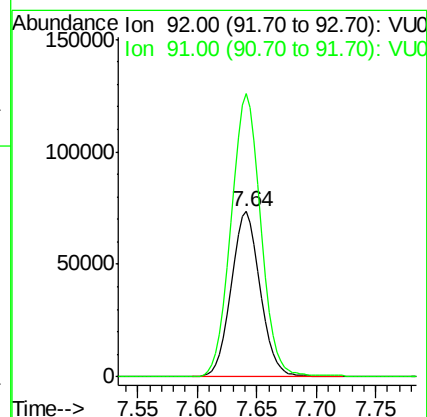
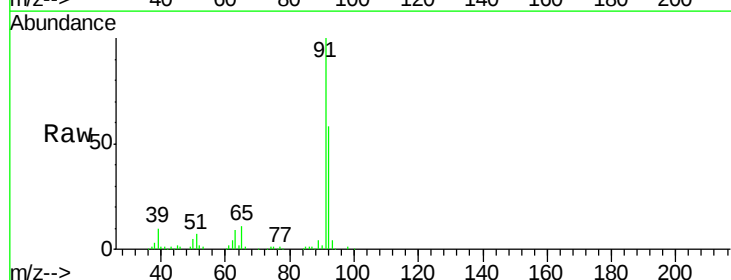
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion: 43 Resp: 386907
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.0 45.0



#52
 Toluene
 Concen: 20.531 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 92 Resp: 124563
 Ion Ratio Lower Upper
 92 100
 91 175.0 140.5 210.7

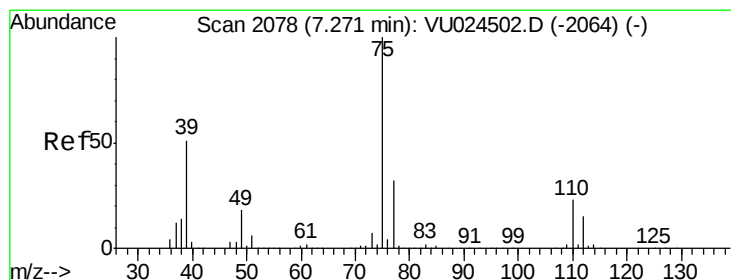
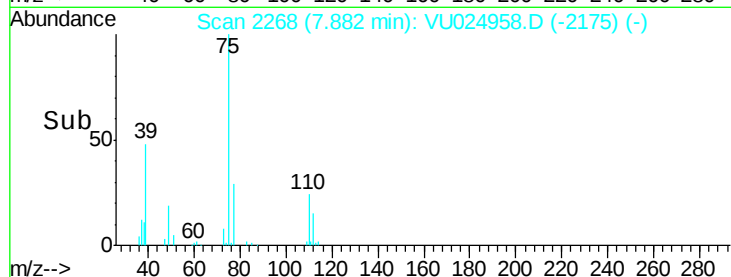
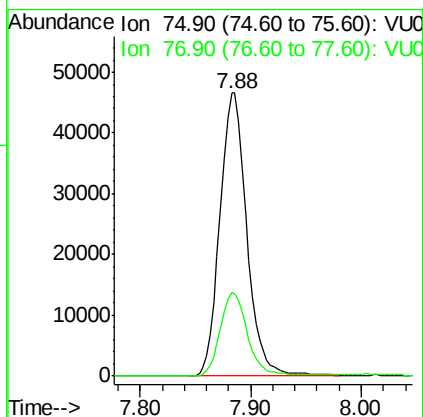
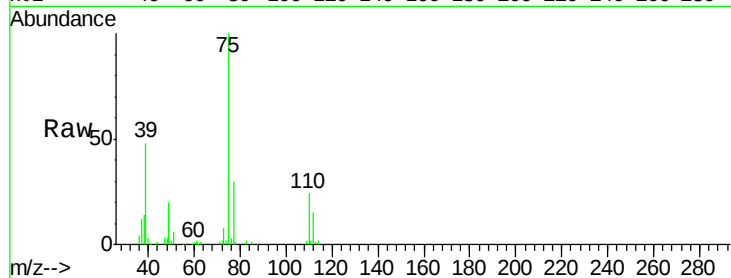




#53
 t-1,3-Dichloropropene
 Concen: 20.008 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

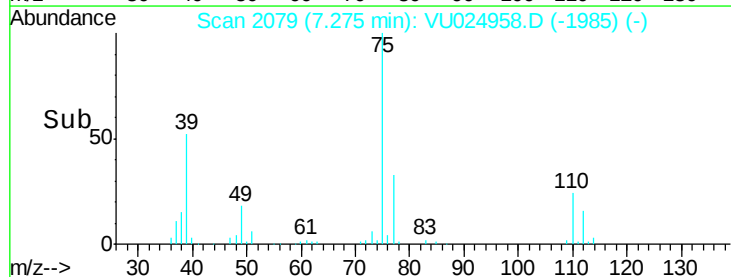
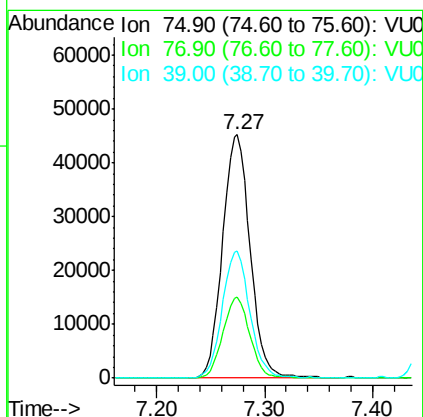
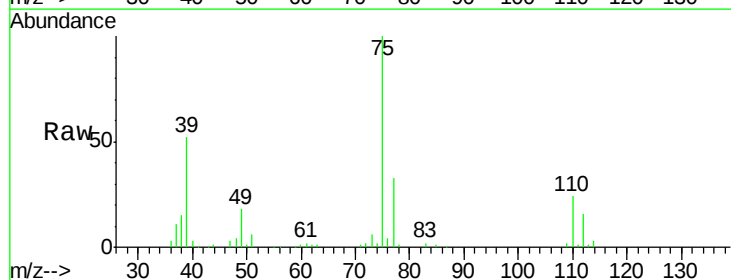
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion: 75 Resp: 79079
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.161 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 75 Resp: 80697
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.6 36.8
 39 52.5 39.8 59.6

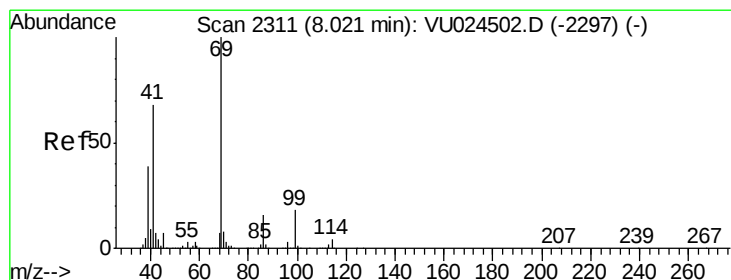
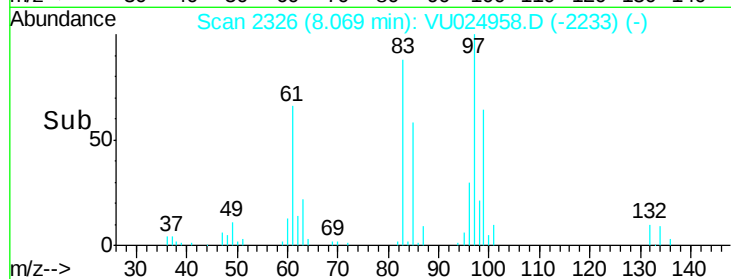
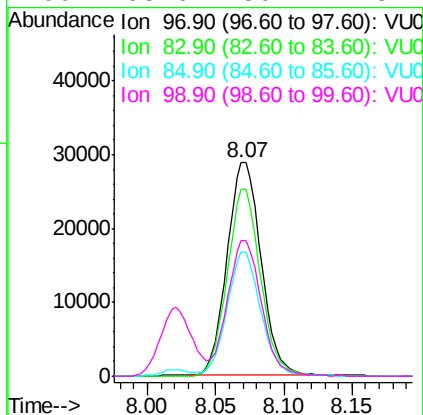
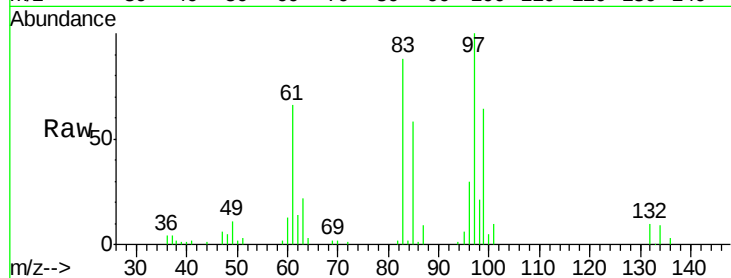




#55
 1,1,2-Trichloroethane
 Concen: 20.211 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

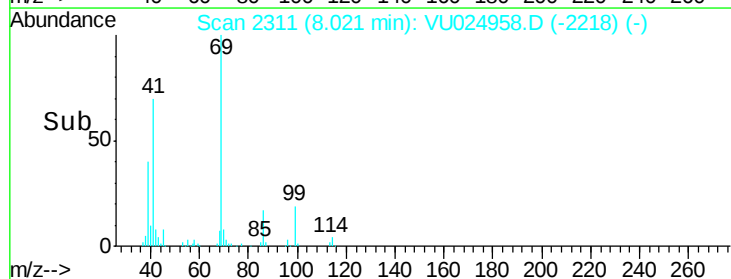
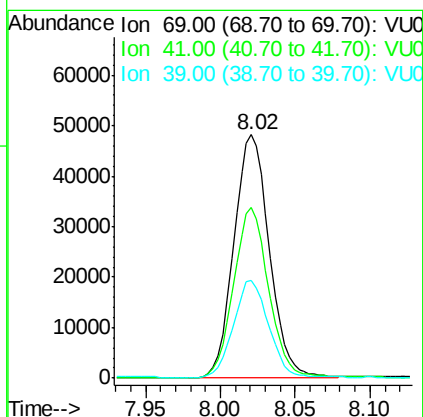
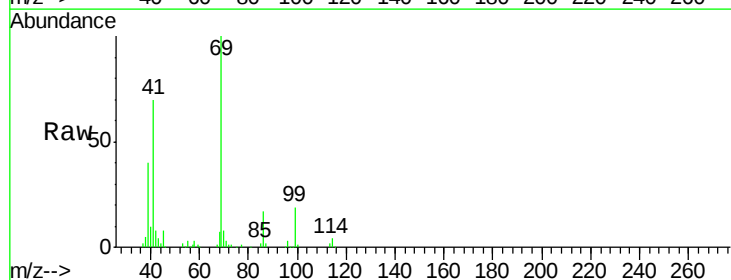
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion:	97	Resp:	49843
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	58.6	46.4	69.6
99	63.6	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 19.315 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion:	69	Resp:	79728
Ion	Ratio	Lower	Upper
69	100		
41	69.5	54.1	81.1
39	39.2	30.3	45.5

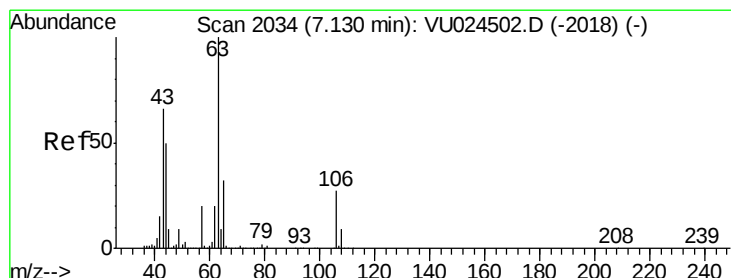
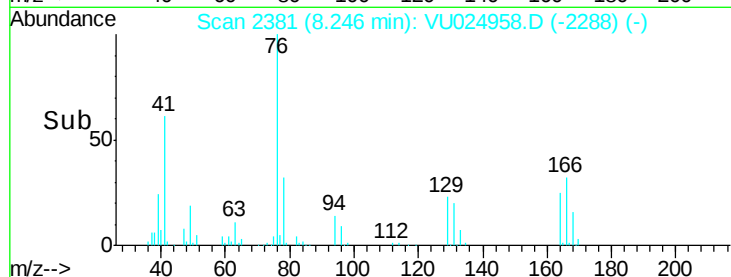
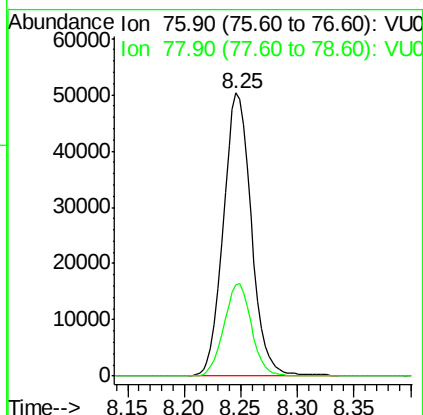
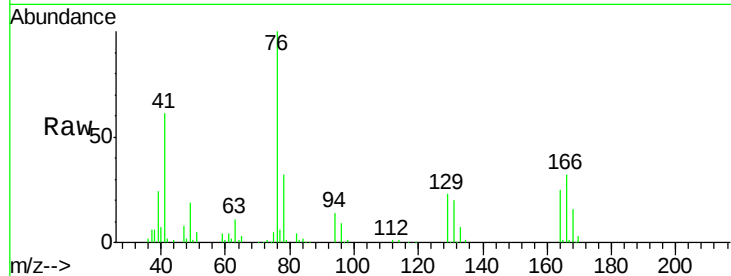




#57
 1,3-Dichloropropane
 Concen: 20.874 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

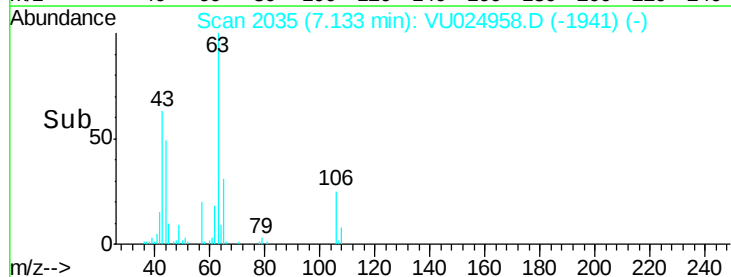
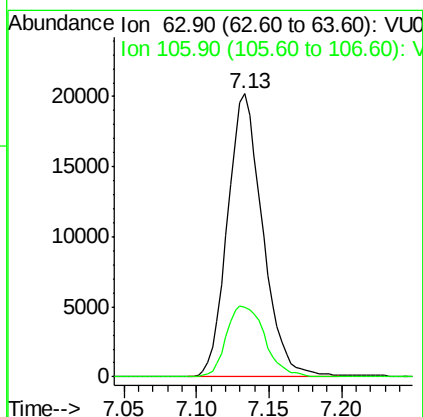
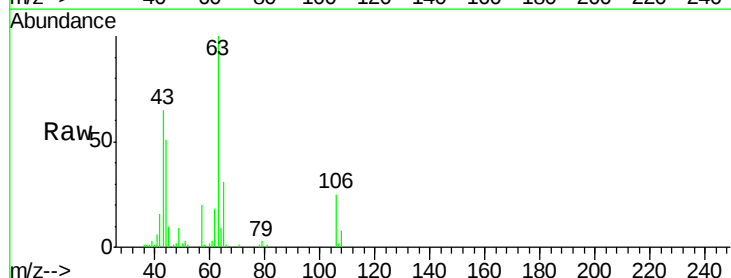
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion: 76 Resp: 86840
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.567 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 63 Resp: 34106
 Ion Ratio Lower Upper
 63 100
 106 27.2 20.2 30.2

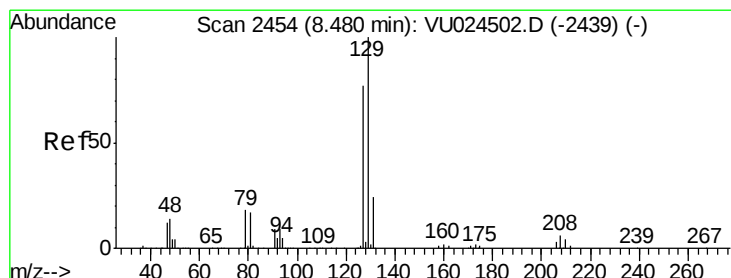
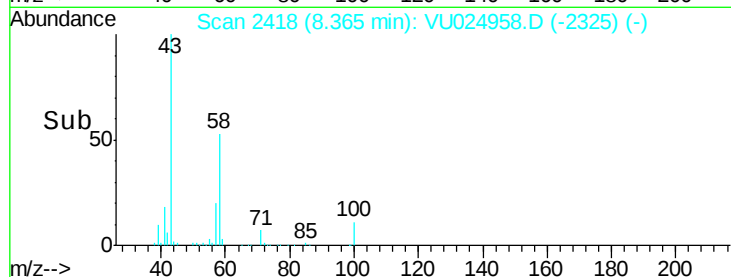
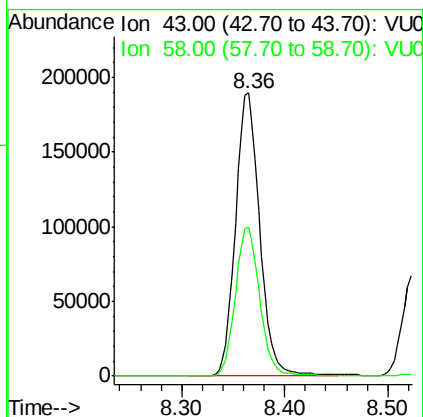
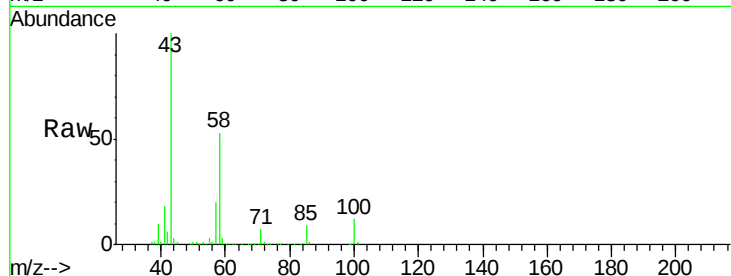




#59
2-Hexanone
Concen: 97.380 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

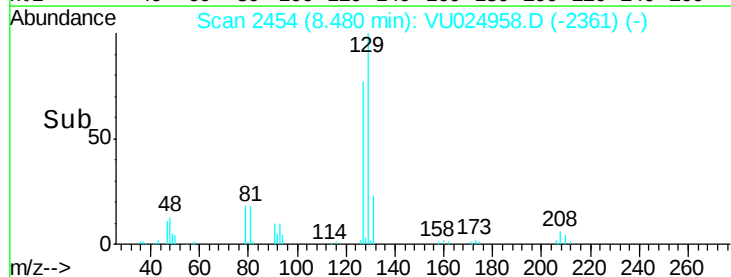
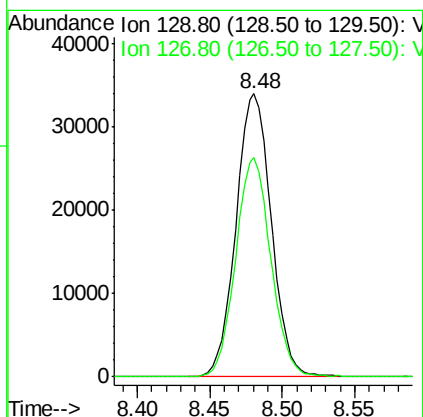
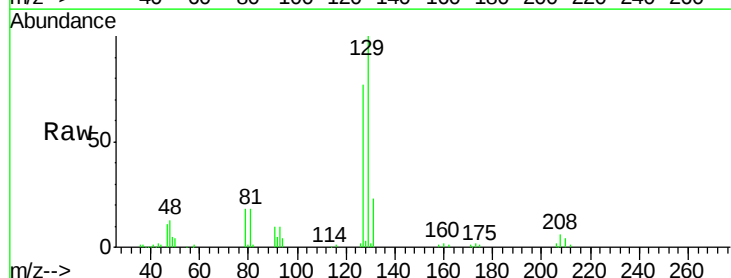
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tgt Ion: 43 Resp: 311418
Ion Ratio Lower Upper
43 100
58 52.9 26.4 79.0



#60
Dibromochloromethane
Concen: 18.730 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion: 129 Resp: 57600
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0

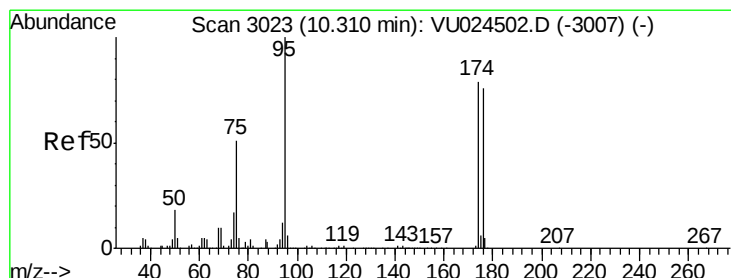
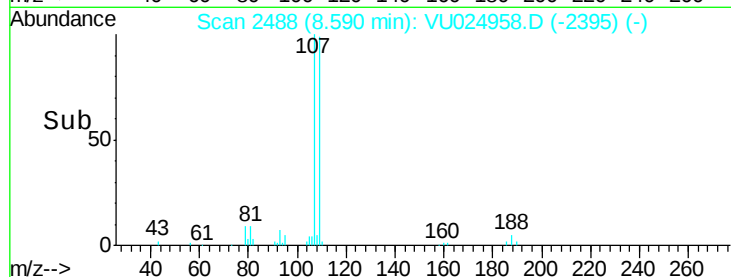
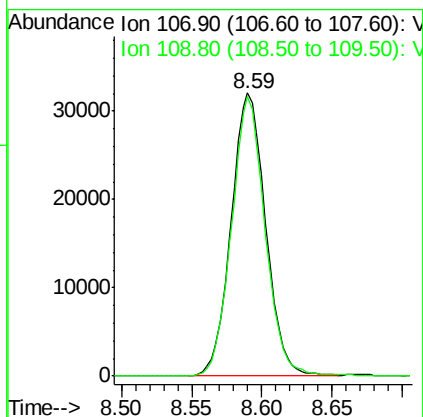
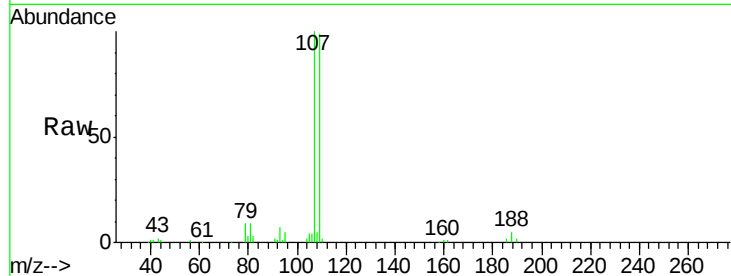




#61
 1,2-Dibromoethane
 Concen: 20.018 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

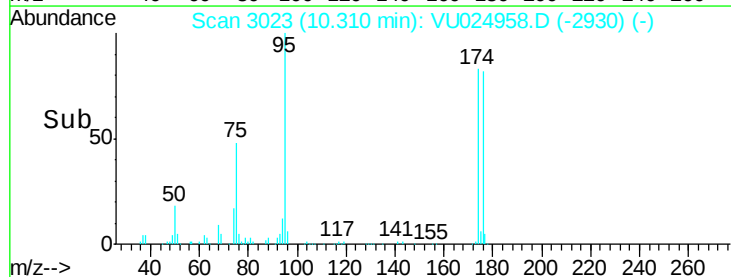
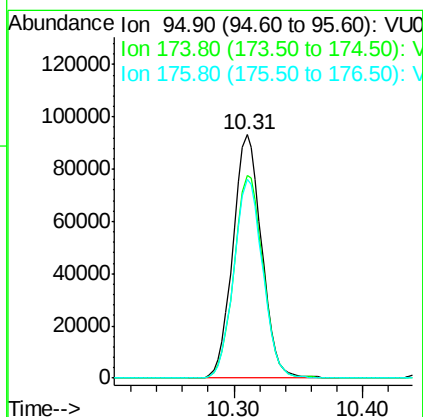
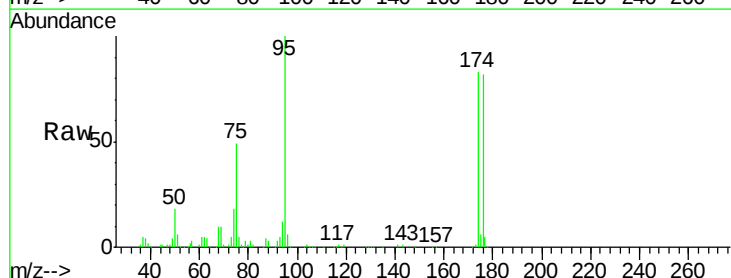
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion: 107 Resp: 54948
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 42.592 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 95 Resp: 144177
 Ion Ratio Lower Upper
 95 100
 174 84.0 0.0 165.8
 176 82.0 0.0 159.4

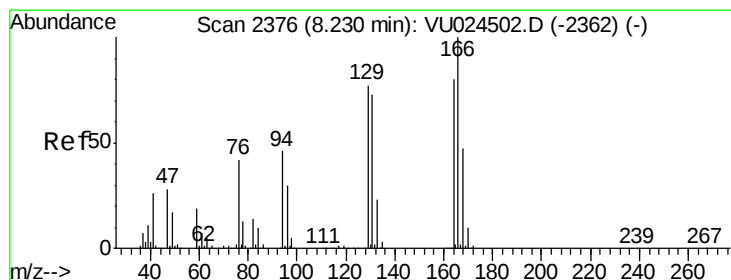
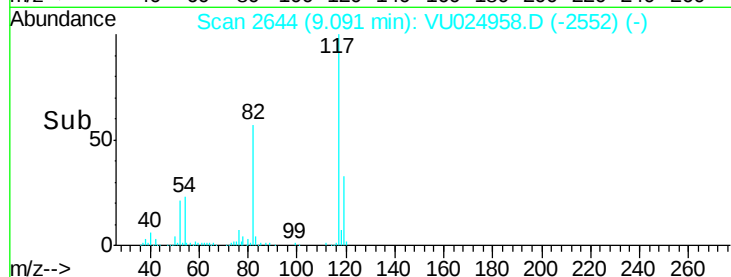
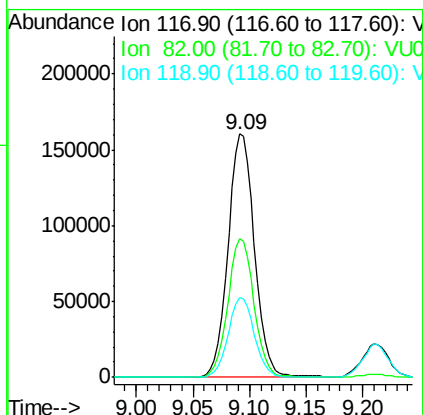
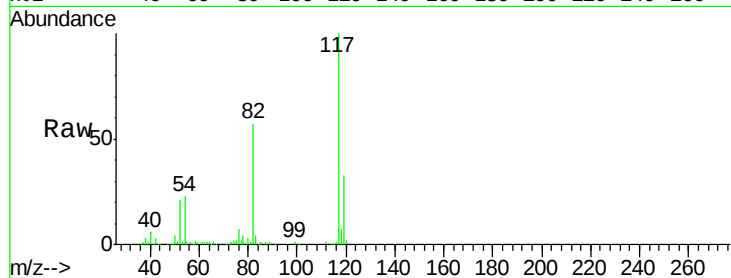




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

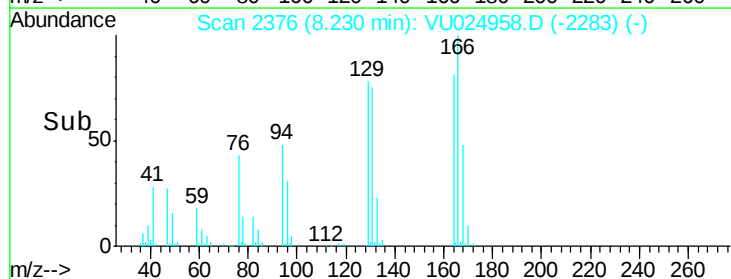
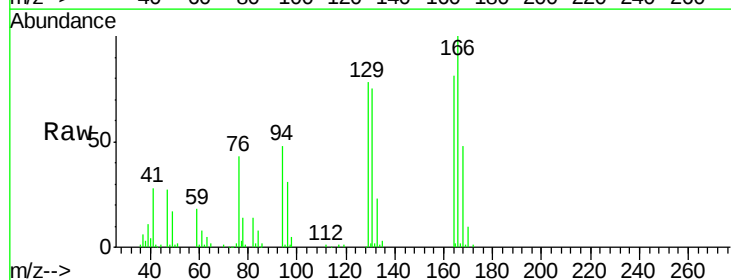
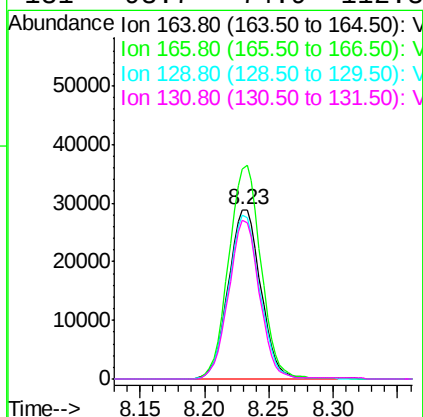
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tgt Ion:117 Resp: 260935
Ion Ratio Lower Upper
117 100
82 57.2 44.3 66.5
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 20.363 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion:164 Resp: 50505
Ion Ratio Lower Upper
164 100
166 124.2 101.7 152.5
129 96.6 76.9 115.3
131 93.7 74.9 112.3

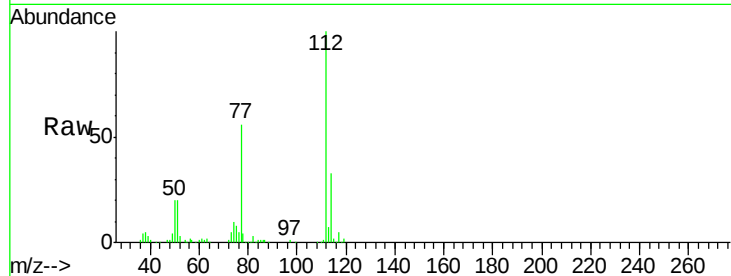




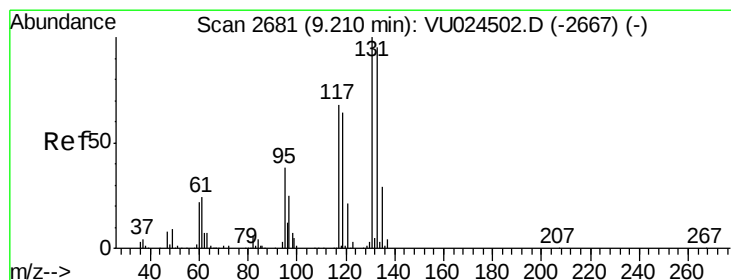
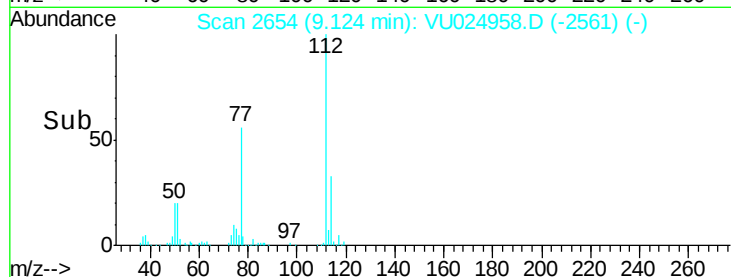
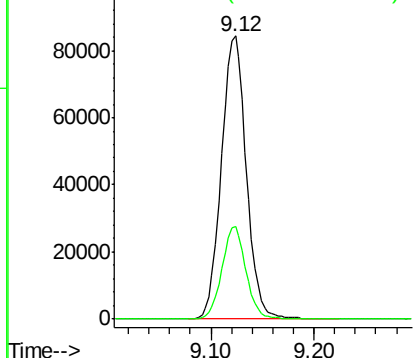
#65
Chlorobenzene
Concen: 21.304 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tgt Ion:112 Resp: 142010
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4

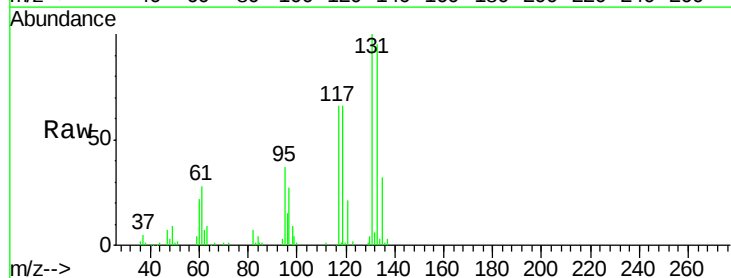


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

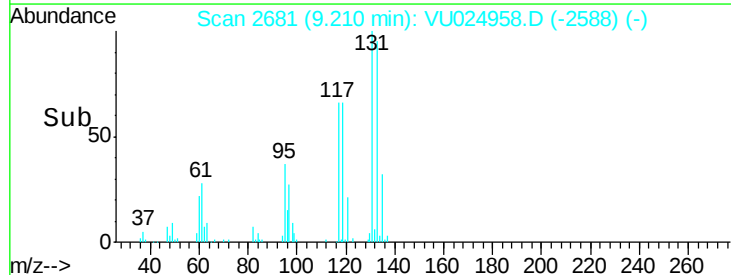
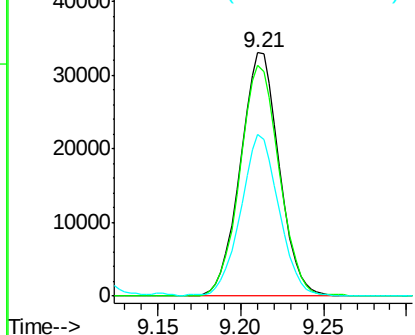


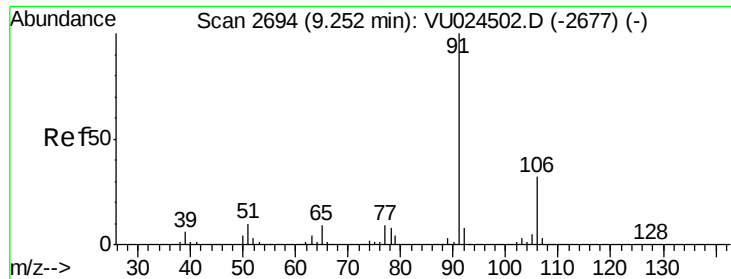
#66
1,1,1,2-Tetrachloroethane
Concen: 21.205 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion:131 Resp: 53701
Ion Ratio Lower Upper
131 100
133 96.1 46.9 140.8
119 65.4 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

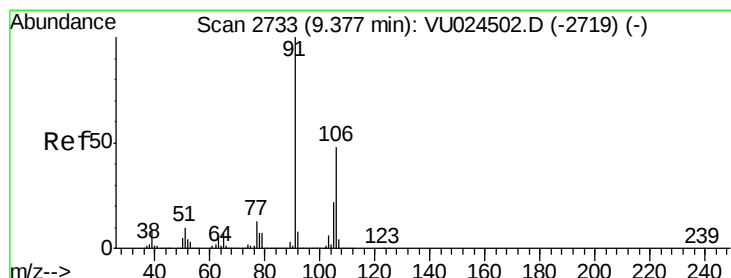
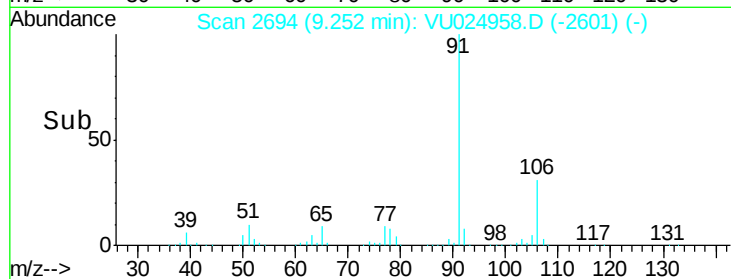
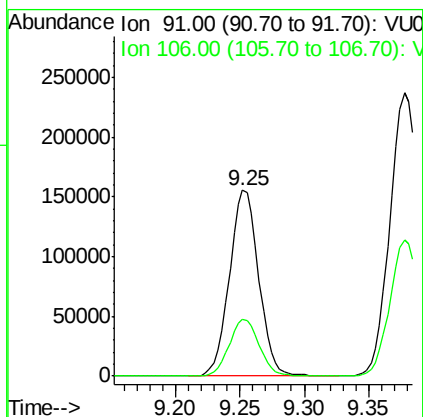
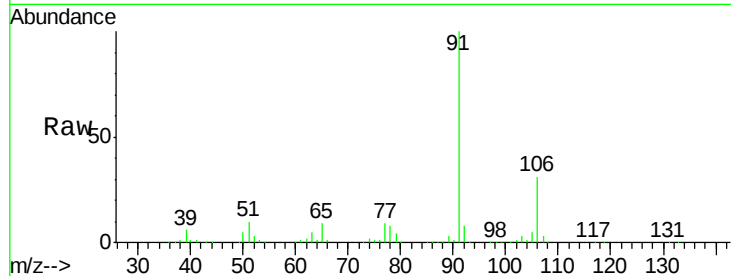




#67
Ethyl Benzene
Concen: 20.944 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

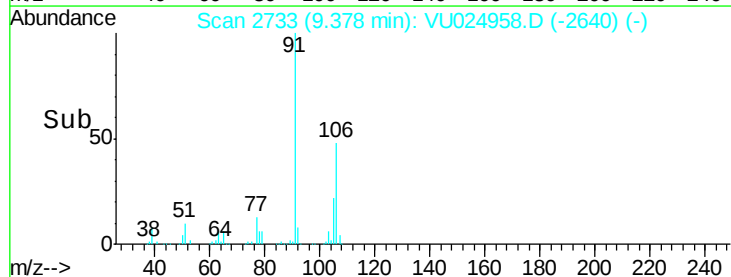
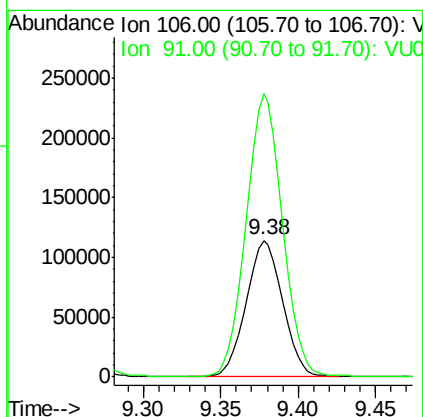
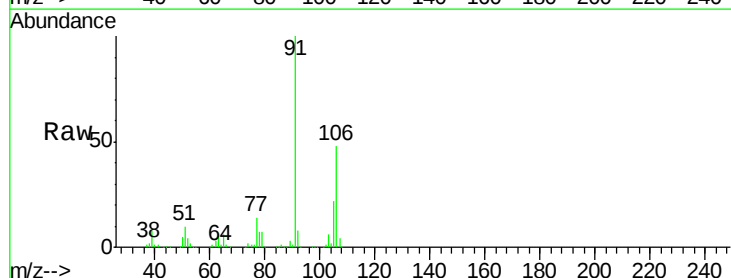
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tgt Ion: 91 Resp: 244751
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4



#68
m/p-Xylenes
Concen: 41.832 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion: 106 Resp: 187717
Ion Ratio Lower Upper
106 100
91 206.4 166.5 249.7

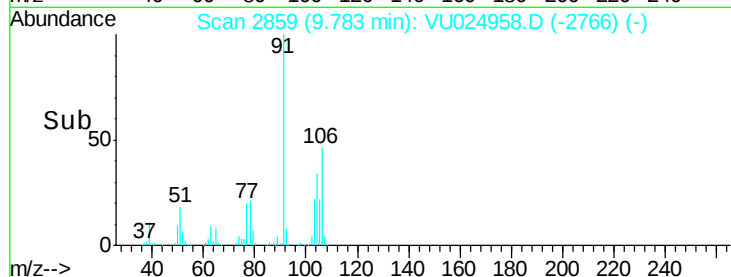
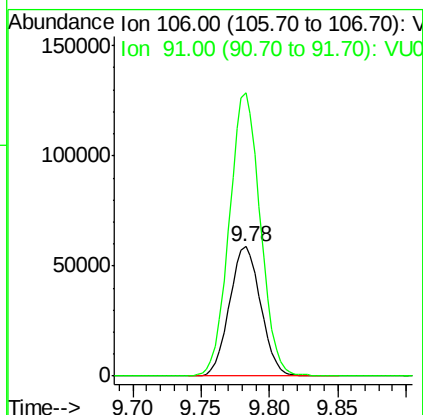
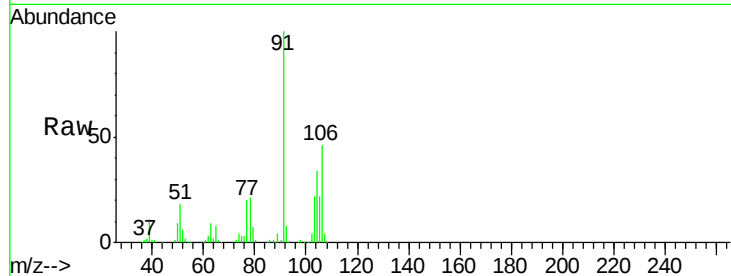




#69
o-Xylene
Concen: 21.156 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

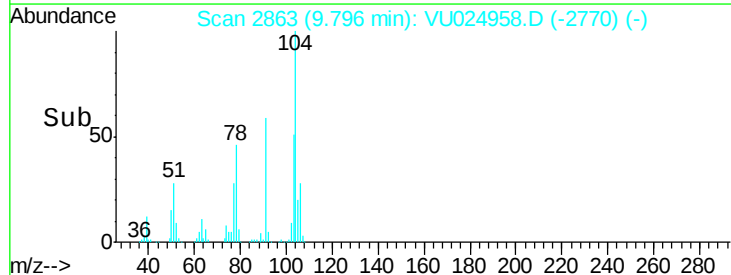
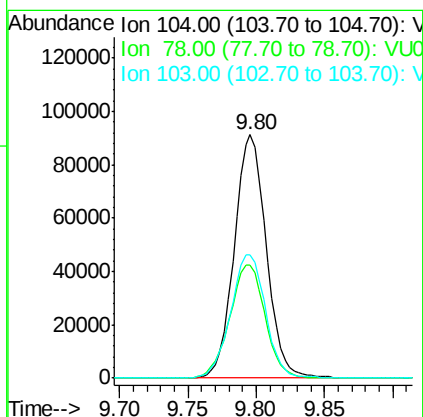
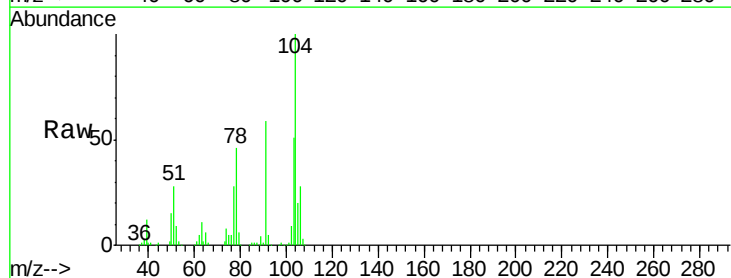
Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

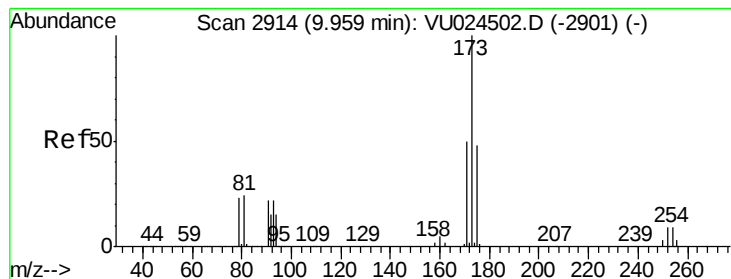
Tgt Ion:106 Resp: 93956
Ion Ratio Lower Upper
106 100
91 216.5 110.7 331.9



#70
Styrene
Concen: 20.371 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion:104 Resp: 148669
Ion Ratio Lower Upper
104 100
78 51.7 40.6 60.8
103 55.1 44.7 67.1





#71

Bromoform

Concen: 18.603 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

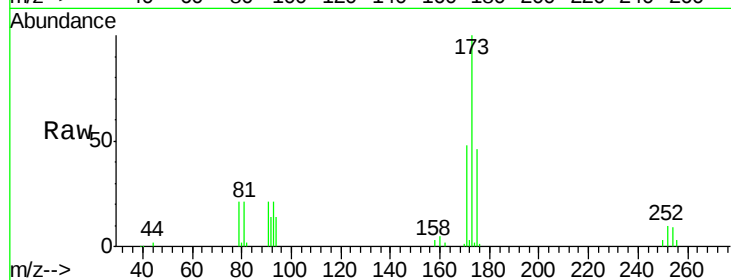
Tgt Ion:173 Resp: 44781

Ion Ratio Lower Upper

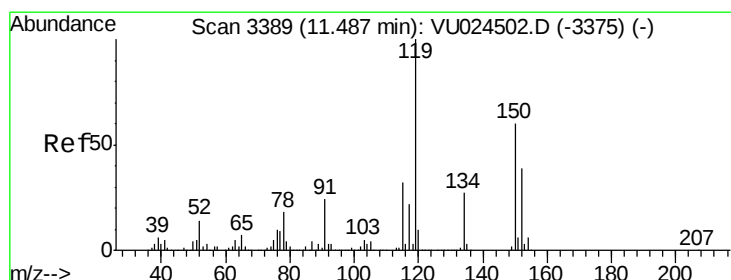
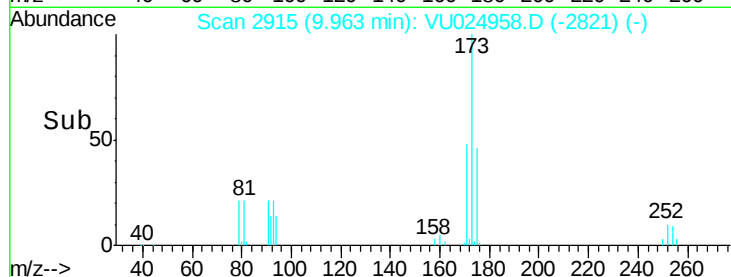
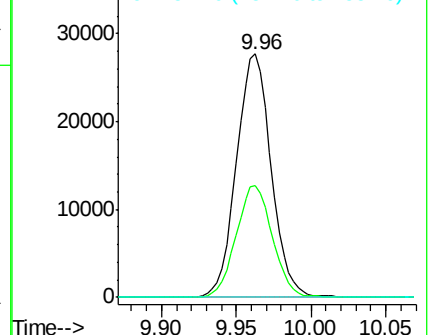
173 100

175 47.8 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

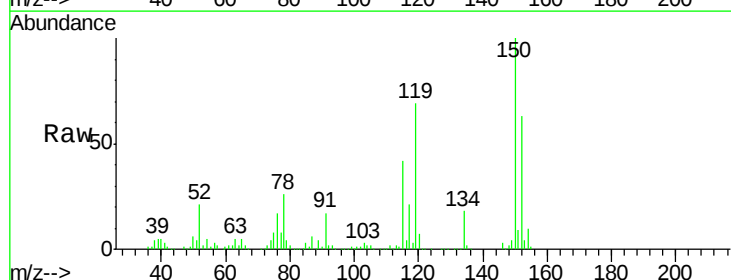
Tgt Ion:152 Resp: 150366

Ion Ratio Lower Upper

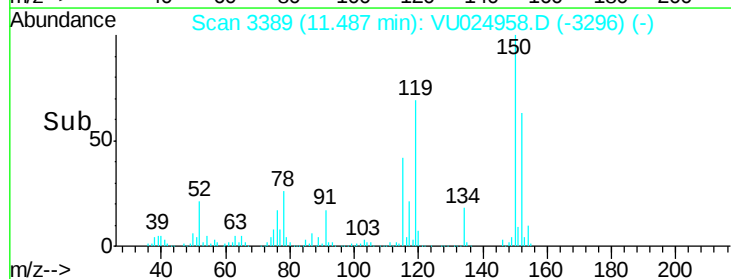
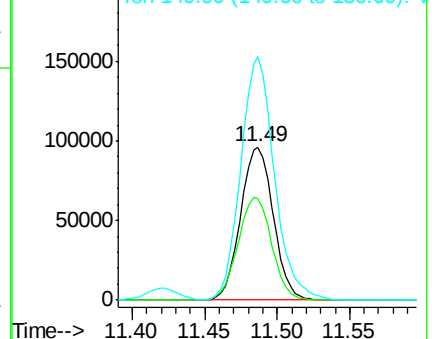
152 100

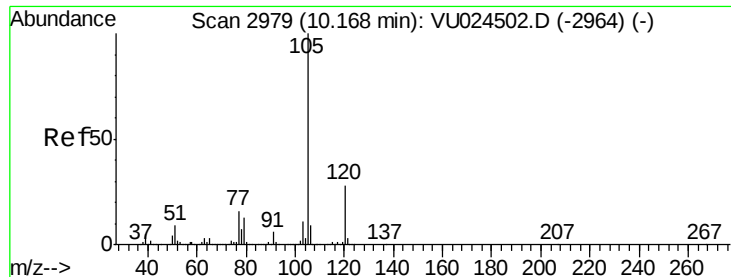
115 69.4 43.0 129.0

150 163.8 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: 21.946 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

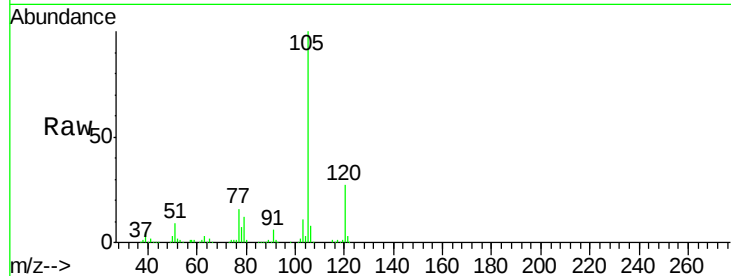
VU0627WBS02

Tgt Ion: 105 Resp: 253353

Ion Ratio Lower Upper

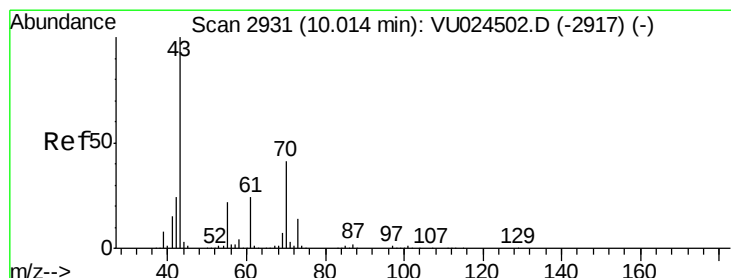
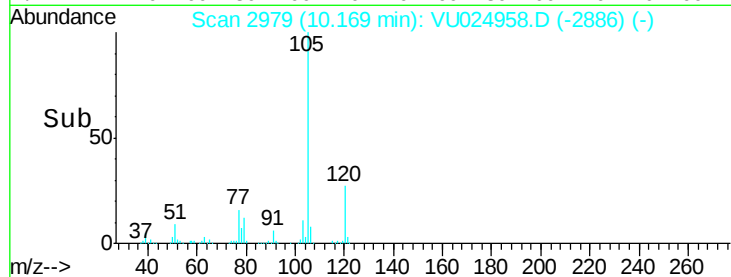
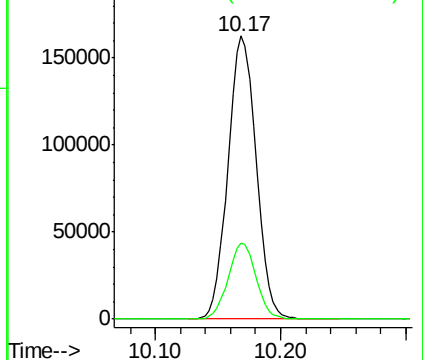
105 100

120 26.6 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: 19.218 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion: 43 Resp: 105528

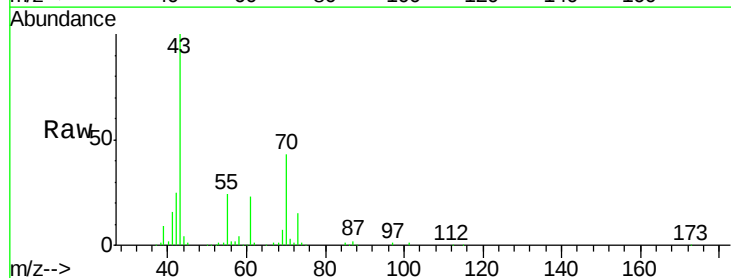
Ion Ratio Lower Upper

43 100

70 42.2 32.2 48.4

55 23.5 20.5 30.7

61 23.0 18.7 28.1

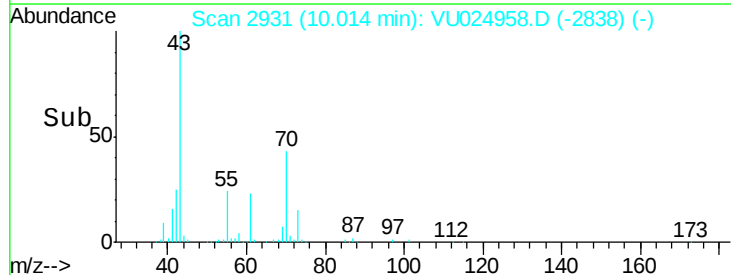
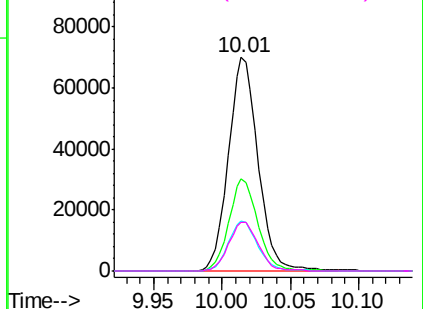


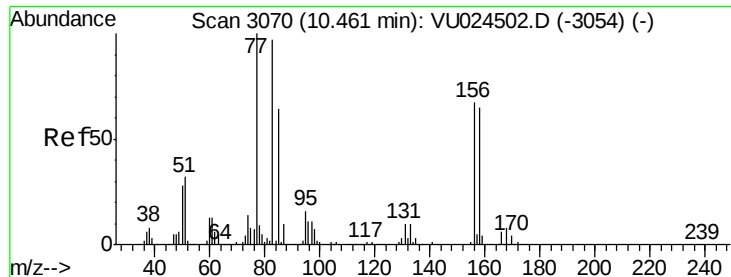
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 20.935 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

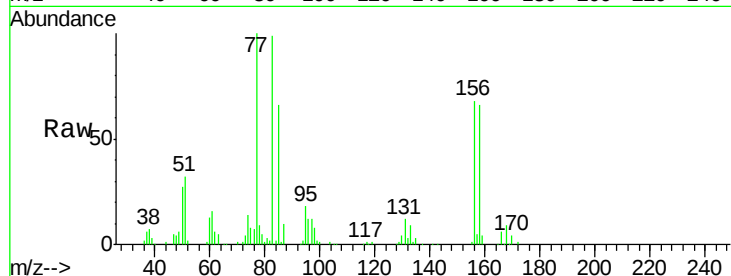
Tgt Ion: 83 Resp: 80988

Ion Ratio Lower Upper

83 100

131 11.4 4.7 14.1

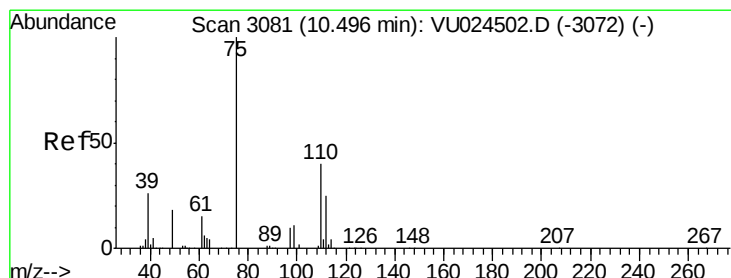
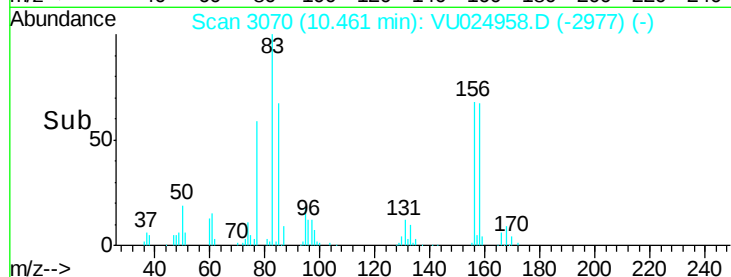
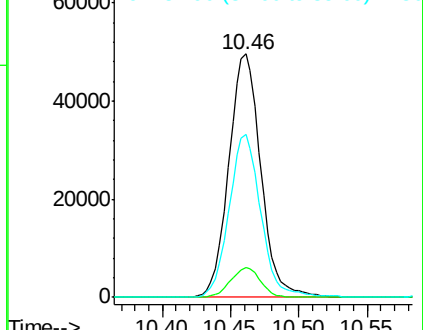
85 66.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 29.447 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024958.D

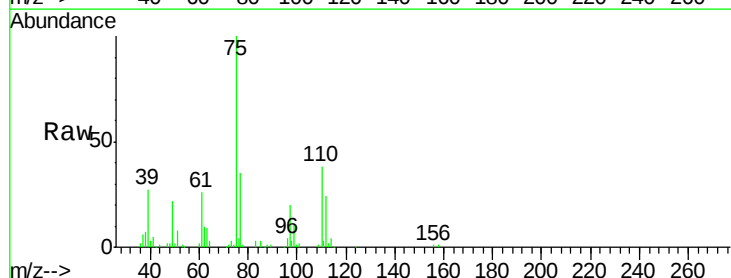
Acq: 27 Jun 2018 11:42

Tgt Ion: 75 Resp: 97485

Ion Ratio Lower Upper

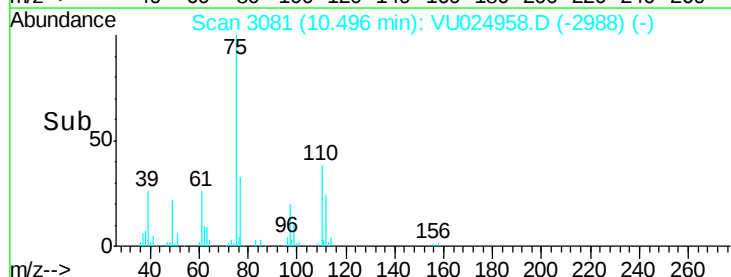
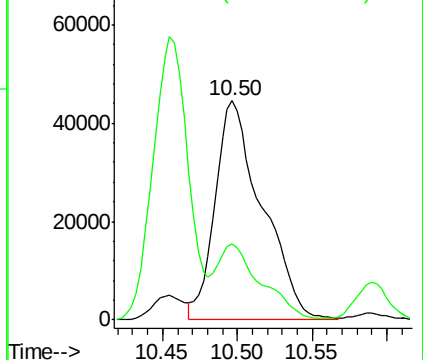
75 100

77 32.9 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 21.442 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

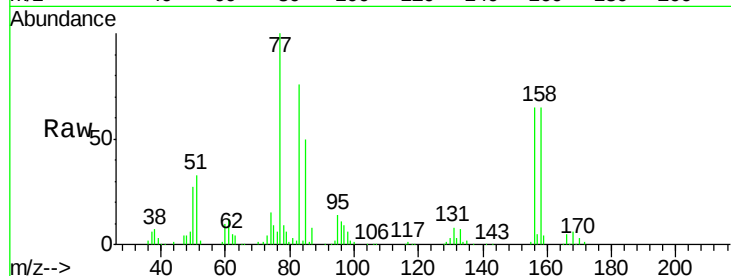
Tgt Ion:156 Resp: 62667

Ion Ratio Lower Upper

156 100

77 150.5 80.5 241.3

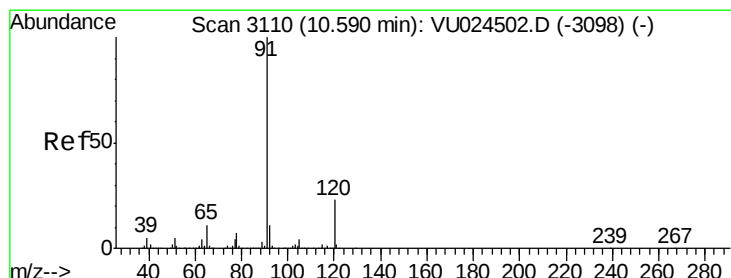
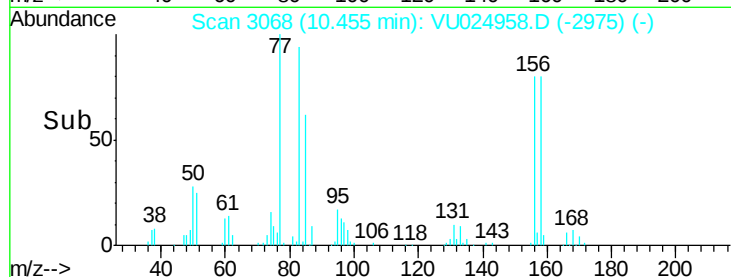
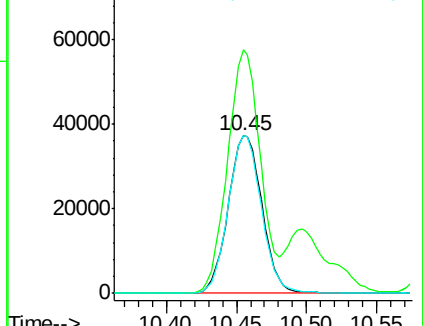
158 98.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.023 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024958.D

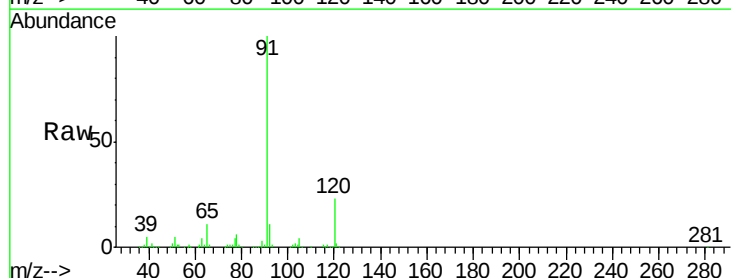
Acq: 27 Jun 2018 11:42

Tgt Ion: 91 Resp: 285892

Ion Ratio Lower Upper

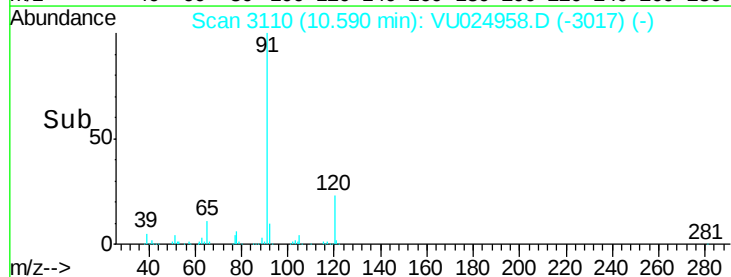
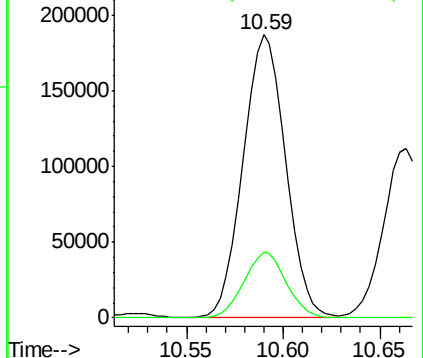
91 100

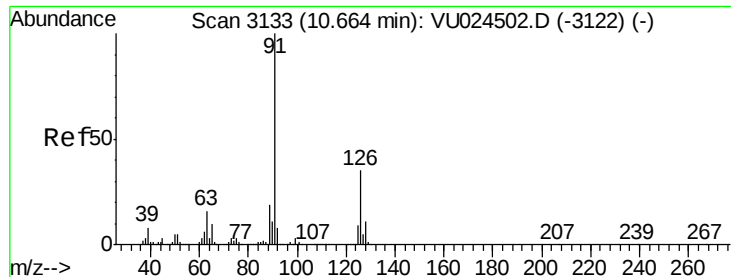
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.793 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

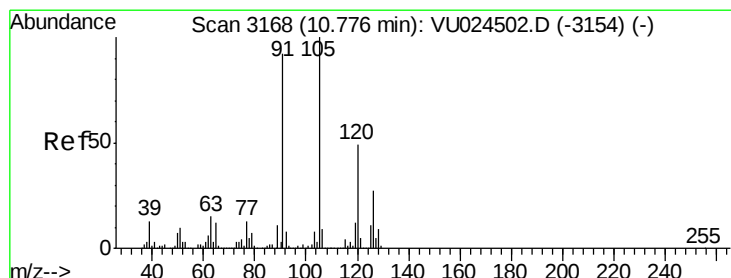
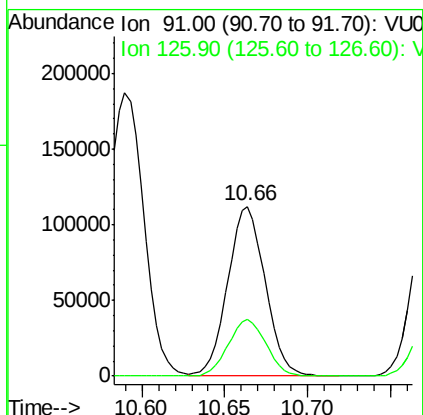
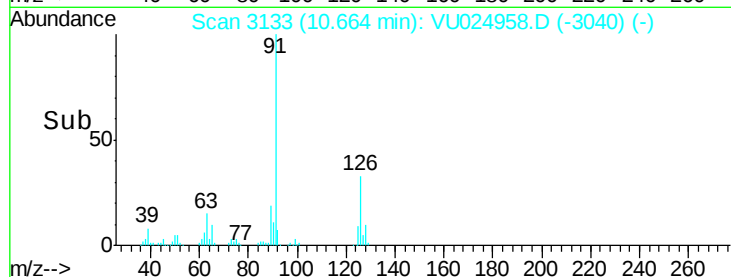
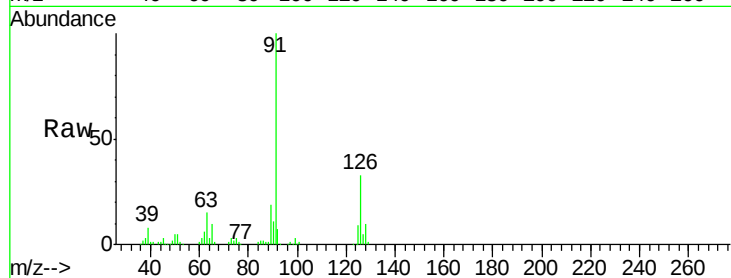
VU0627WBS02

Tgt Ion: 91 Resp: 174770

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 21.536 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024958.D

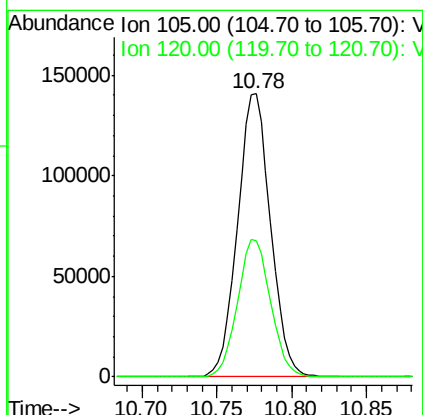
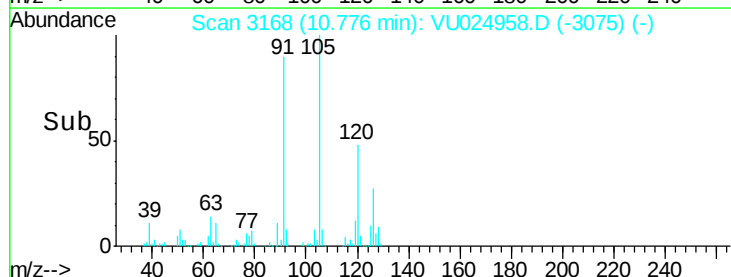
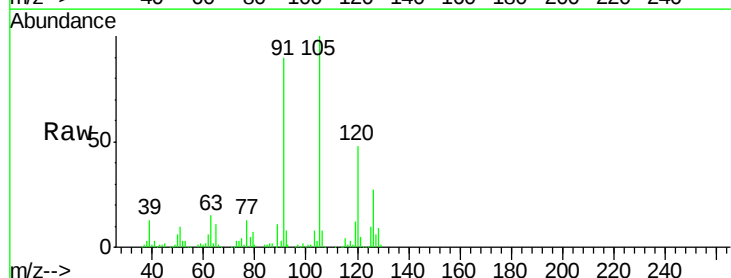
Acq: 27 Jun 2018 11:42

Tgt Ion: 105 Resp: 215491

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 68.153 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

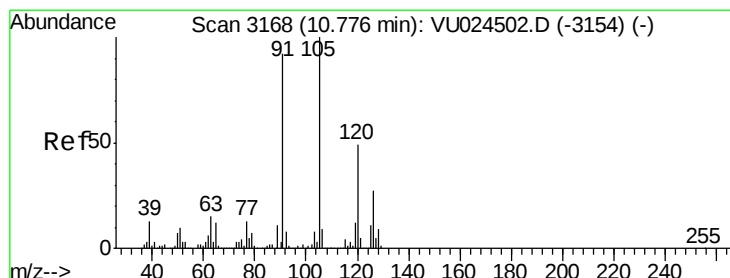
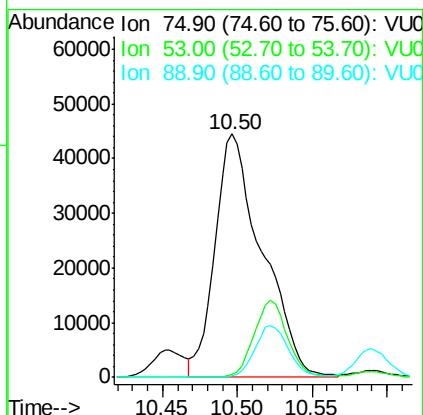
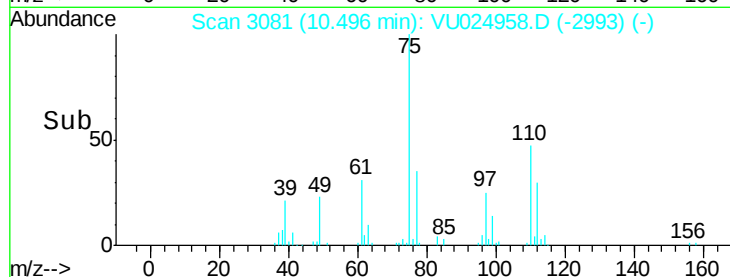
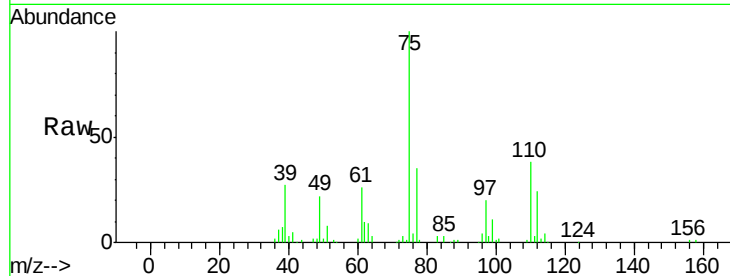
Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tgt Ion: 75 Resp: 97485

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 21.269 ug/l

RT: 10.78 min Scan# 3168

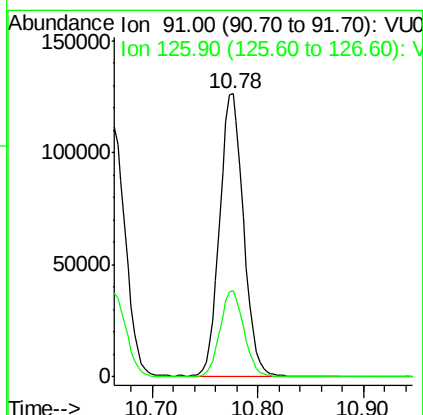
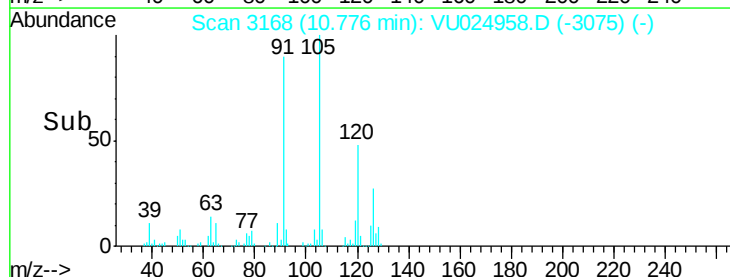
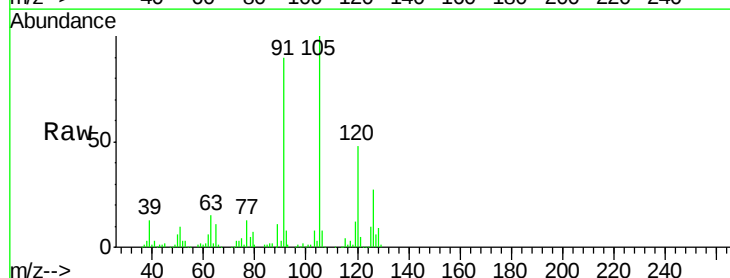
Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion: 91 Resp: 198527

Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.9	44.9

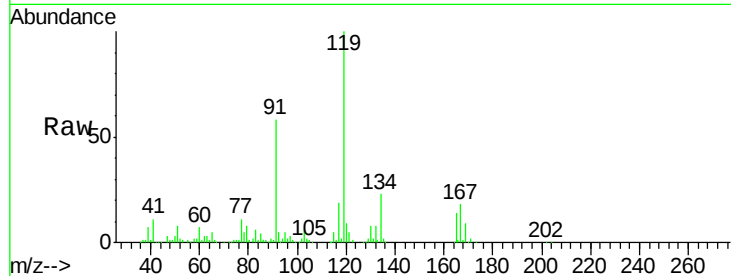




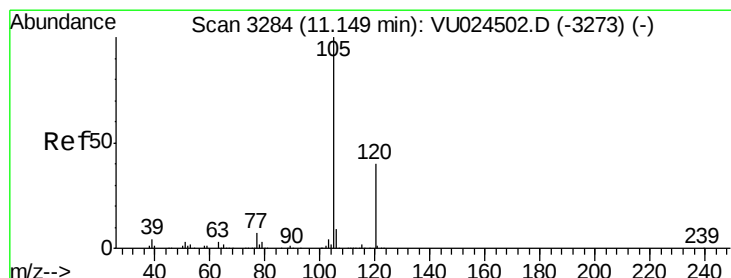
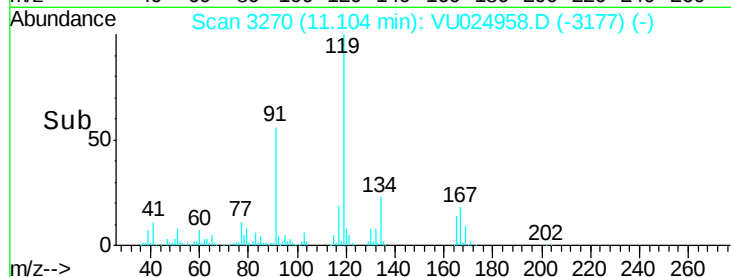
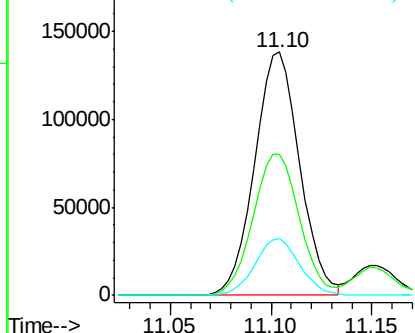
#83
 tert-Butylbenzene
 Concen: 22.412 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.7	89.1
134	23.1	11.6	34.7

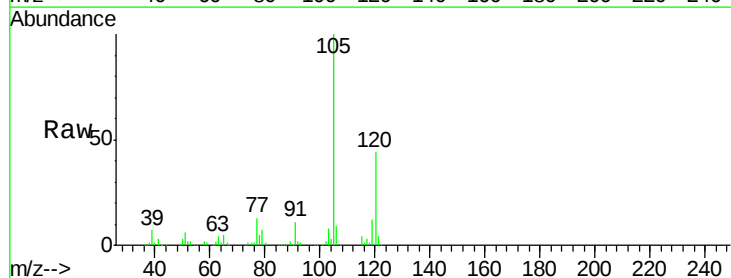


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

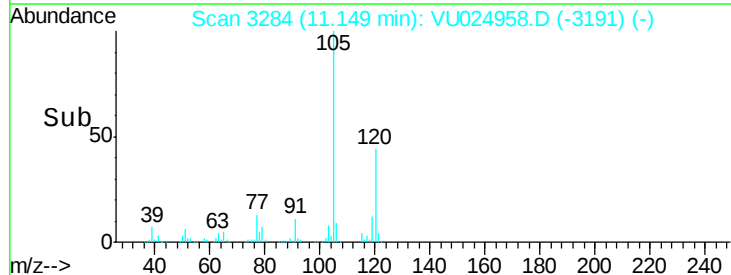
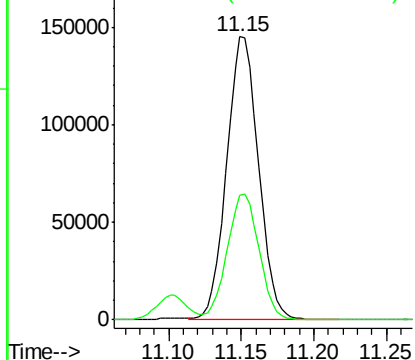


#84
 1,2,4-Trimethylbenzene
 Concen: 21.592 ug/l
 RT: 11.15 min Scan# 3284
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.8



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

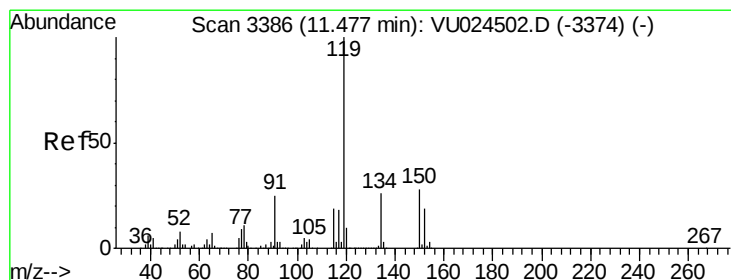
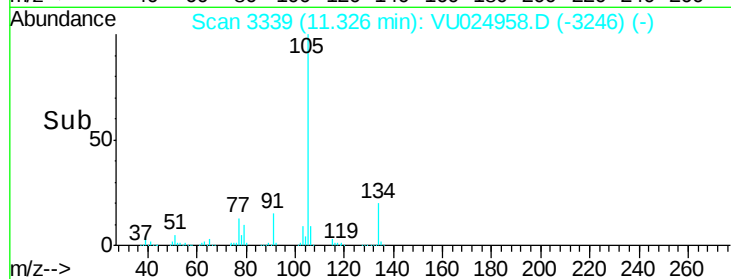
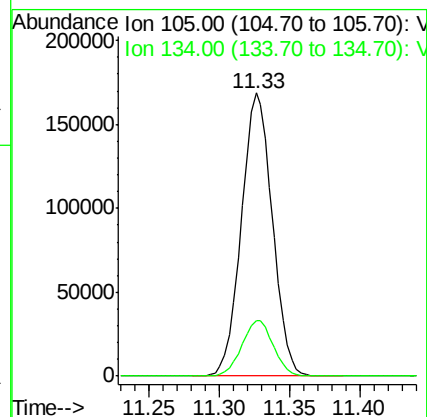
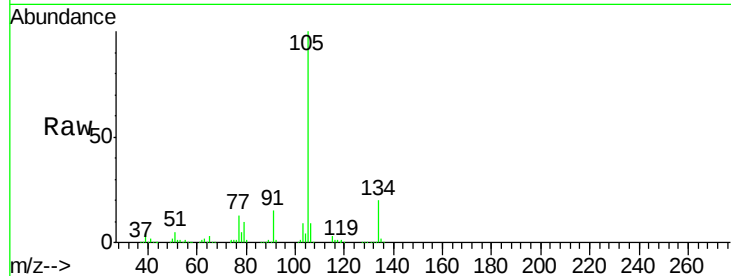




#85
 sec-Butylbenzene
 Concen: 21.527 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

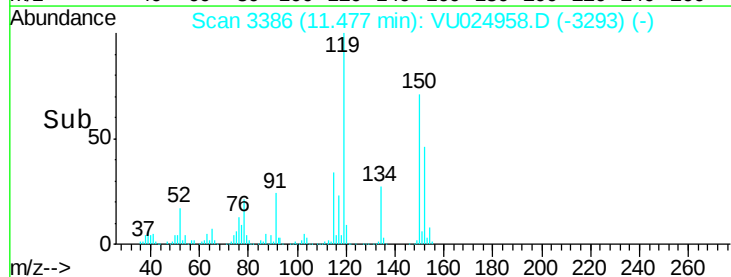
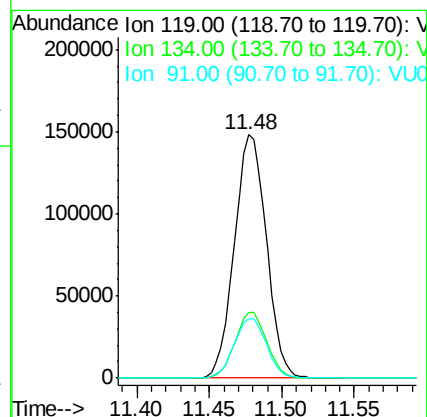
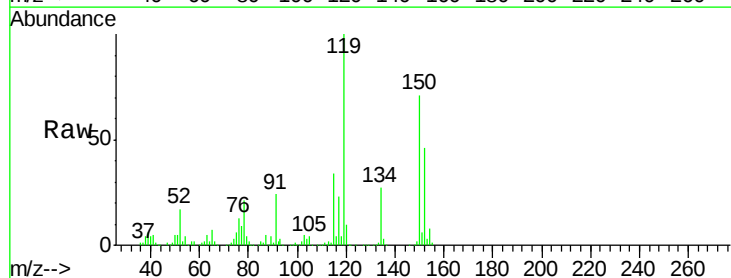
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion:105 Resp: 259366
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.971 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion:119 Resp: 226284
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.6
 91 24.8 12.0 36.1

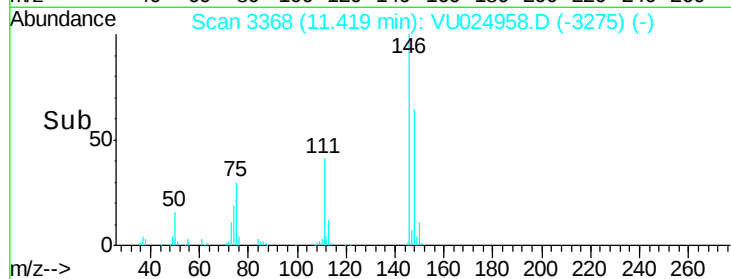
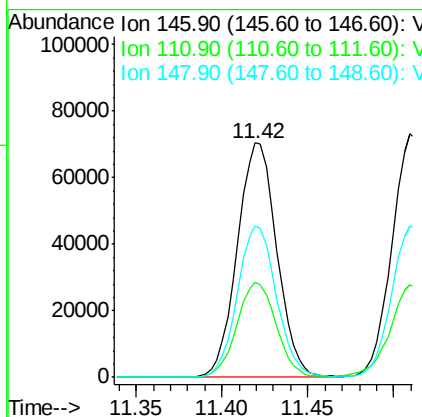
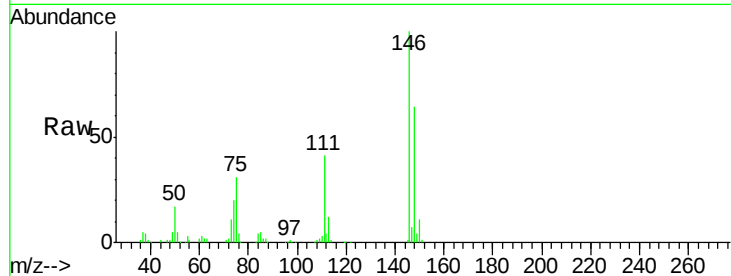




#87
 1,3-Dichlorobenzene
 Concen: 20.895 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

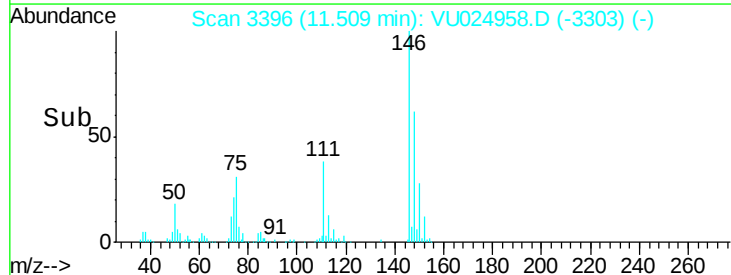
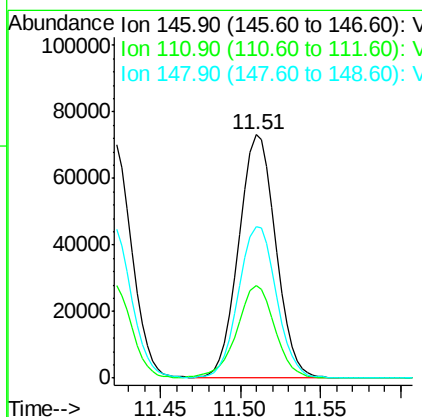
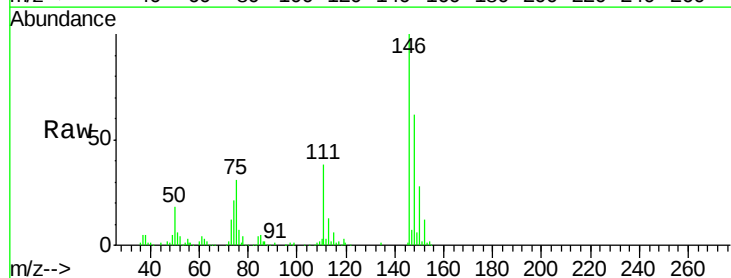
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion:146 Resp: 112823
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.094 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion:146 Resp: 114638
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.5 58.5
 148 63.7 32.4 97.0





#89

n-Butylbenzene

Concen: 18.883 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

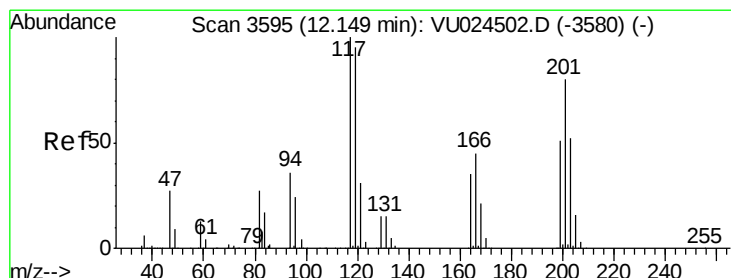
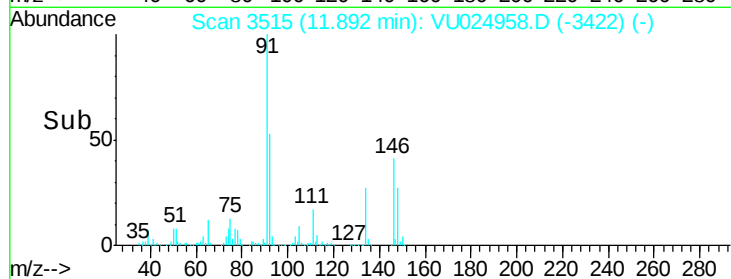
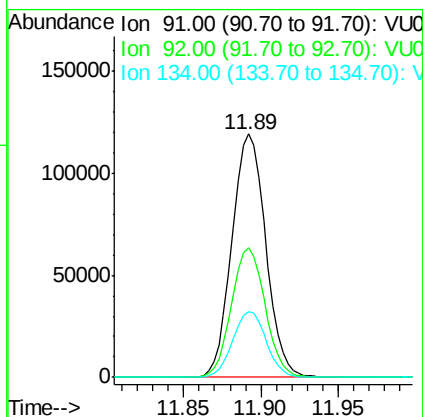
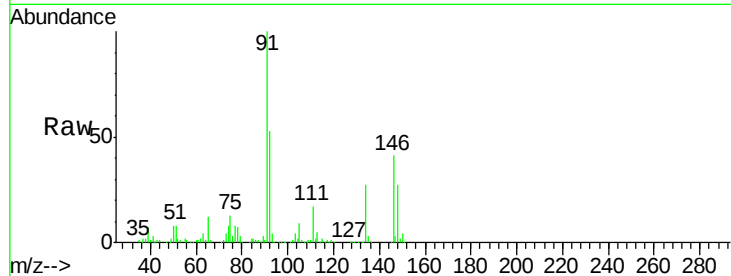
Tgt Ion: 91 Resp: 180896

Ion Ratio Lower Upper

91 100

92 53.0 25.6 76.8

134 26.8 12.3 36.8



#90

Hexachloroethane

Concen: 19.235 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024958.D

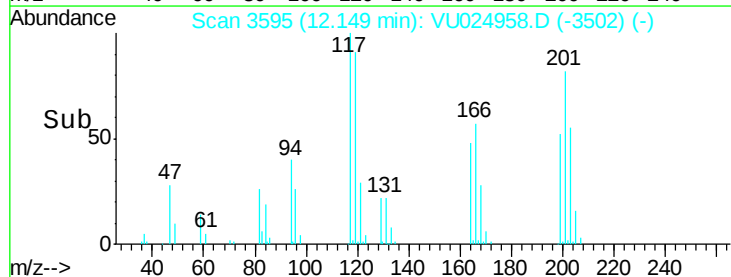
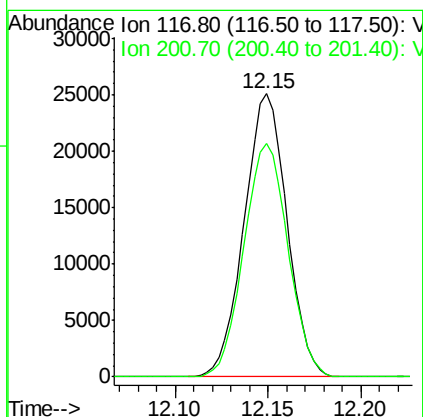
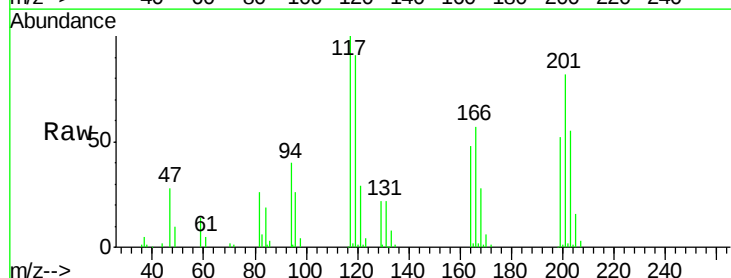
Acq: 27 Jun 2018 11:42

Tgt Ion: 117 Resp: 40488

Ion Ratio Lower Upper

117 100

201 84.9 41.1 123.3

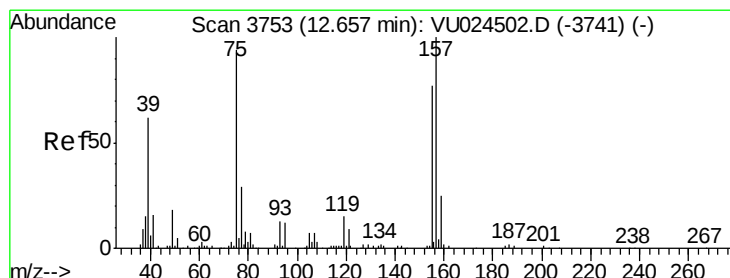
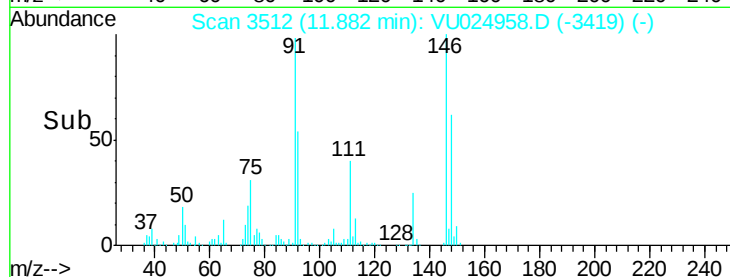
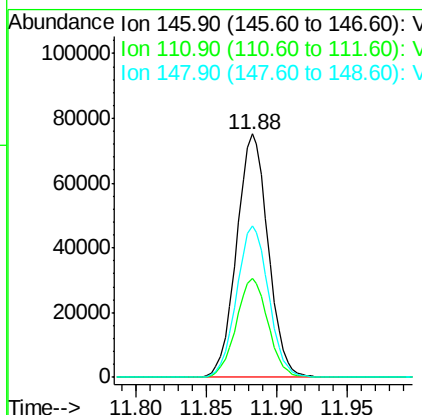
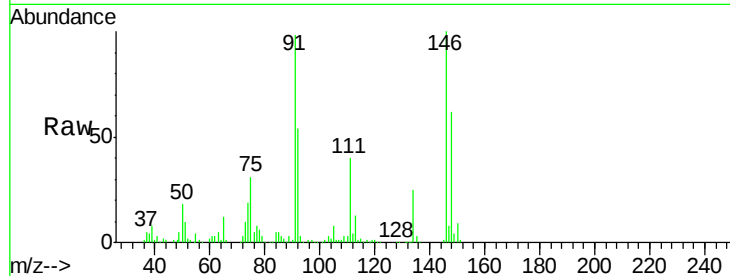




#91
 1,2-Dichlorobenzene
 Concen: 21.807 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

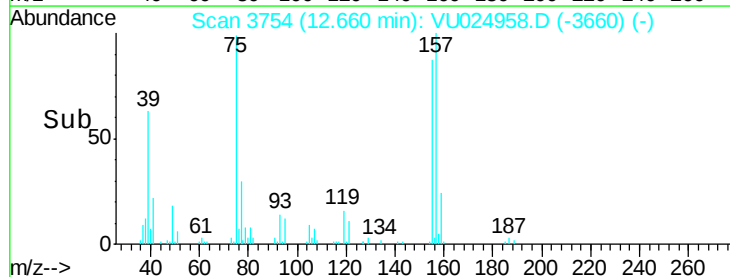
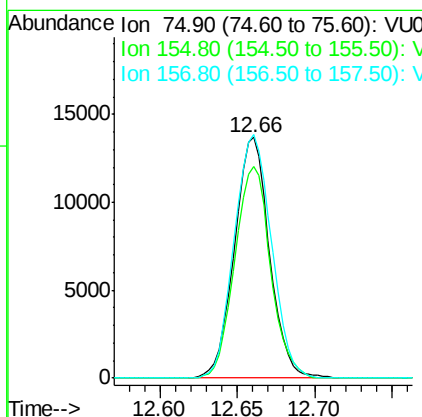
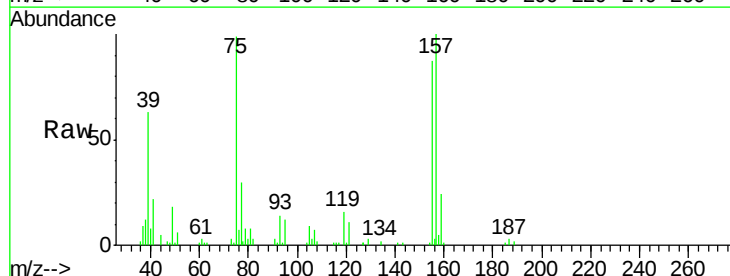
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion: 146 Resp: 117943
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.1 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.151 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 75 Resp: 21510
 Ion Ratio Lower Upper
 75 100
 155 89.8 40.4 121.2
 157 107.3 52.3 156.8

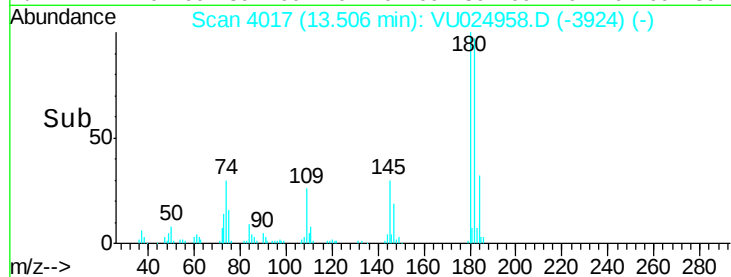
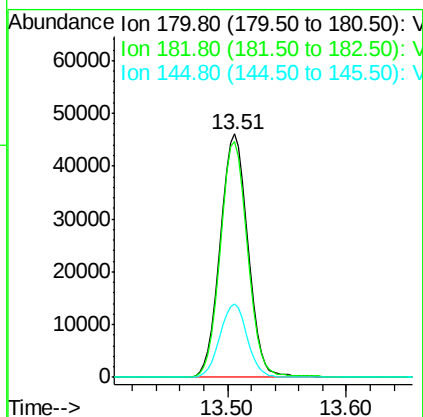
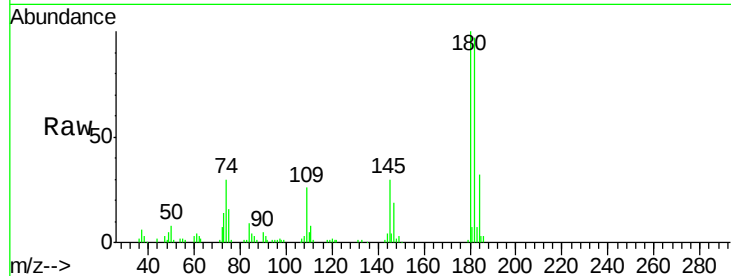




#93
 1,2,4-Trichlorobenzene
 Concen: 22.353 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

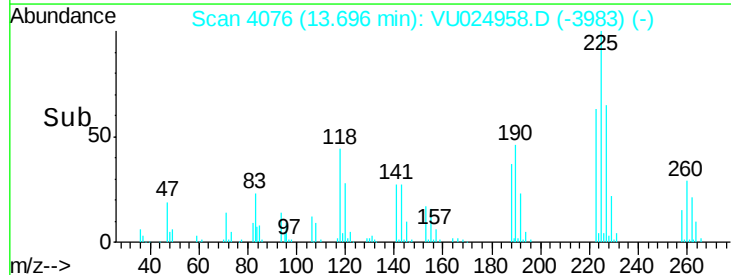
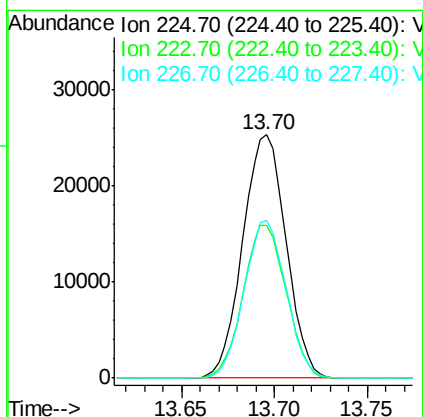
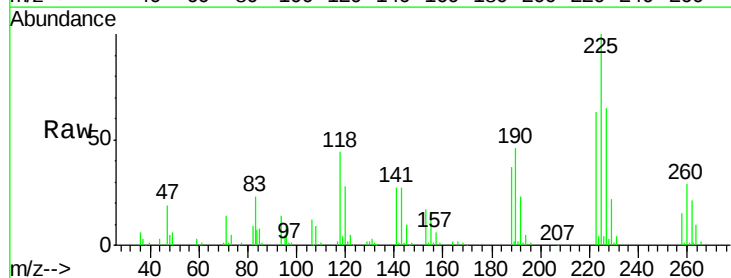
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tgt Ion:180 Resp: 74655
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.0 144.2
 145 29.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 21.814 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion:225 Resp: 41006
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.8
 227 62.5 31.8 95.4





#95

Naphthalene

Concen: 22.665 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

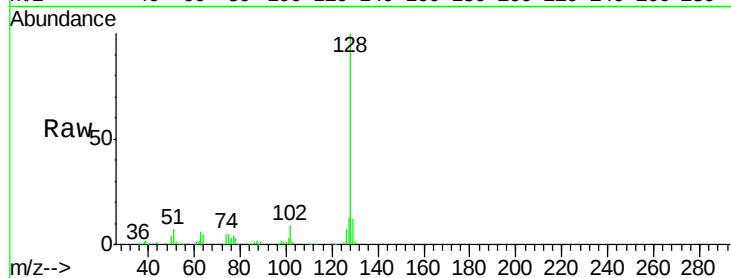
Tgt Ion:128 Resp: 246429

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

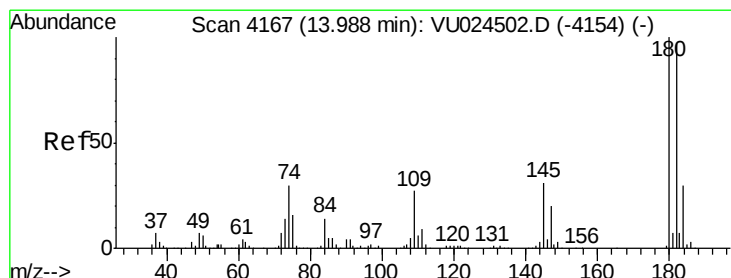
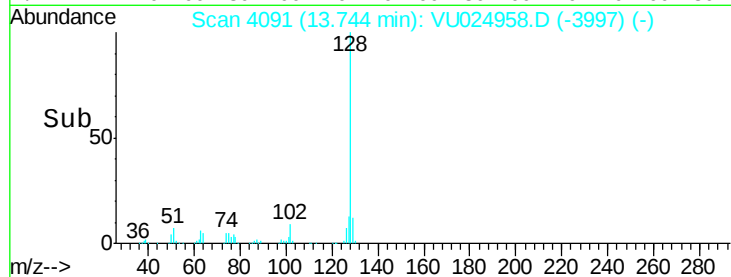
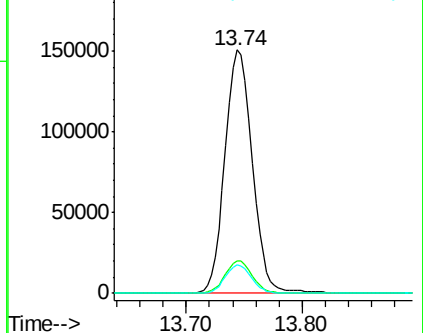
129 11.3 8.6 12.8



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: 24.347 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

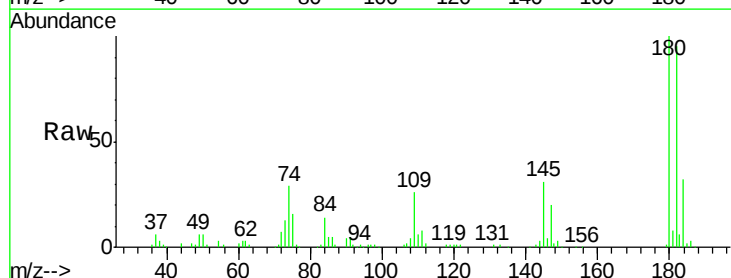
Tgt Ion:180 Resp: 81023

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.7

145 31.7 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

