

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024959.D
 Acq On : 27 Jun 2018 12:08
 Operator : MD/SY
 Sample : VU0627MBS02
 Misc : 5.00g/10mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS03

Quant Time: Jun 28 02:24:08 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	191924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	282885	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	263539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155690	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134427	42.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.80%	
35) Dibromofluoromethane	4.89	113	107095	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
50) Toluene-d8	7.57	98	364172	42.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.06%	
62) 4-Bromofluorobenzene	10.31	95	145642	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	40175	16.724	ug/l 99
3) Chloromethane	1.33	50	40107	16.342	ug/l 98
4) Vinyl Chloride	1.40	62	45398	17.936	ug/l 99
5) Bromomethane	1.62	94	29061	23.751	ug/l 100
6) Chloroethane	1.70	64	29154	19.981	ug/l 96
7) Trichlorofluoromethane	1.89	101	74158	19.199	ug/l 99
8) Diethyl Ether	2.10	74	29173	21.105	ug/l 84
9) 1,1,2-Trichlorotrifluoroet	2.29	101	45471	18.975	ug/l 97
10) Methyl Iodide	2.41	142	43666	24.542	ug/l 98
11) Tert butyl alcohol	2.82	59	68270	89.591	ug/l 98
12) 1,1-Dichloroethene	2.28	96	41335	18.915	ug/l 97
13) Acrolein	2.19	56	22402	55.983	ug/l 98
14) Allyl chloride	2.59	41	71519	17.626	ug/l 98
15) Acrylonitrile	2.94	53	137994	93.076	ug/l 98
16) Acetone	2.32	43	159644	94.831	ug/l 100
17) Carbon Disulfide	2.48	76	116452	16.642	ug/l 99
18) Methyl Acetate	2.62	43	75450	20.906	ug/l 96
19) Methyl tert-butyl Ether	3.00	73	165488	20.146	ug/l 97
20) Methylene Chloride	2.71	84	48501	18.361	ug/l 96
21) trans-1,2-Dichloroethene	2.99	96	45238	18.795	ug/l 98
22) Diisopropyl ether	3.57	45	155313	19.309	ug/l 90
23) Vinyl Acetate	3.53	43	666193	92.458	ug/l 98
24) 1,1-Dichloroethane	3.45	63	88922	19.217	ug/l 98
25) 2-Butanone	4.26	43	209053	92.449	ug/l 99
26) 2,2-Dichloropropane	4.23	77	84639	19.263	ug/l 99
27) cis-1,2-Dichloroethene	4.23	96	53495	19.332	ug/l 98
28) Bromochloromethane	4.55	49	39904	19.579	ug/l 84
29) Tetrahydrofuran	4.64	42	127492	91.044	ug/l 97
30) Chloroform	4.68	83	93579	19.980	ug/l 100
31) Cyclohexane	5.00	56	83694	19.150	ug/l 90
32) 1,1,1-Trichloroethane	4.92	97	86054	19.869	ug/l 96
36) 1,1-Dichloropropene	5.14	75	66904	20.127	ug/l 97
37) Ethyl Acetate	4.38	43	72558	20.027	ug/l # 96
38) Carbon Tetrachloride	5.14	117	75030	20.526	ug/l 98

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Instrument :
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Quant Time: Jun 28 02:24:08 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	84791	20.440	ug/l	96
40) Benzene	5.39	78	192211	20.293	ug/l	99
41) Methacrylonitrile	4.54	41	41533	21.262	ug/l	98
42) 1,2-Dichloroethane	5.41	62	80917	22.430	ug/l	100
43) Isopropyl Acetate	5.55	43	122267	19.523	ug/l	99
44) Trichloroethene	6.19	130	53696	19.919	ug/l	95
45) 1,2-Dichloropropane	6.44	63	51282	20.291	ug/l	99
46) Dibromomethane	6.56	93	37662	21.215	ug/l	94
47) Bromodichloromethane	6.76	83	71527	20.234	ug/l	97
48) Methyl methacrylate	6.63	41	62738	20.573	ug/l	97
49) 1,4-Dioxane	6.62	88	28571	479.081	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	384834	97.810	ug/l	98
52) Toluene	7.64	92	124734	20.469	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	78163	19.689	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	81689	19.311	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	52162	21.058	ug/l	96
56) Ethyl methacrylate	8.02	69	82162	19.817	ug/l	99
57) 1,3-Dichloropropane	8.25	76	88838	21.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	33348	20.995	ug/l	93
59) 2-Hexanone	8.36	43	305337	95.057	ug/l	99
60) Dibromochloromethane	8.48	129	59031	19.110	ug/l	99
61) 1,2-Dibromoethane	8.59	107	55202	20.022	ug/l	98
64) Tetrachloroethene	8.23	164	50323	20.089	ug/l	99
65) Chlorobenzene	9.12	112	143222	21.273	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	53331	20.850	ug/l	97
67) Ethyl Benzene	9.25	91	245433	20.795	ug/l	97
68) m/p-Xylenes	9.38	106	189365	41.782	ug/l	99
69) o-Xylene	9.78	106	94471	21.062	ug/l	97
70) Styrene	9.80	104	148550	20.154	ug/l	99
71) Bromoform	9.96	173	45252	18.613	ug/l #	98
73) Isopropylbenzene	10.17	105	254608	21.300	ug/l	100
74) N-amyl acetate	10.01	43	105236	18.509	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	83444	20.832	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	97740	28.515	ug/l	82
77) Bromobenzene	10.45	156	65761	21.731	ug/l	93
78) n-propylbenzene	10.59	91	284610	20.213	ug/l	97
79) 2-Chlorotoluene	10.66	91	173729	20.922	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	221731	21.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	97740	65.994	ug/l #	100
82) 4-Chlorotoluene	10.78	91	200297	20.725	ug/l	100
83) tert-Butylbenzene	11.10	119	218419	21.917	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	222230	21.048	ug/l	99
85) sec-Butylbenzene	11.33	105	262938	21.078	ug/l	97
86) p-Isopropyltoluene	11.48	119	232732	20.831	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	117672	21.048	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	116119	20.636	ug/l	98
89) n-Butylbenzene	11.89	91	191435	19.300	ug/l	98
90) Hexachloroethane	12.15	117	39592	18.166	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	120801	21.572	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21028	19.026	ug/l	93

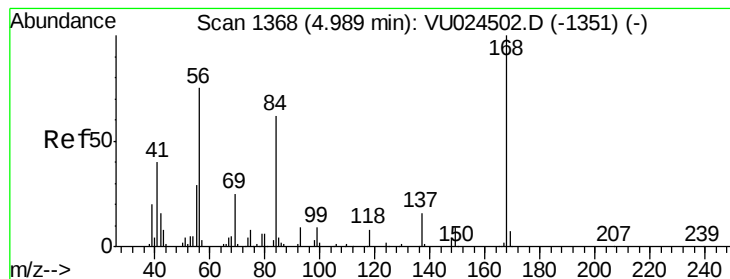
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
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Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

Quant Time: Jun 28 02:24:08 2018
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	76629	22.160	ug/l	98
94) Hexachlorobutadiene	13.70	225	41877	21.515	ug/l	97
95) Naphthalene	13.75	128	247737	22.026	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	80036	23.228	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: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

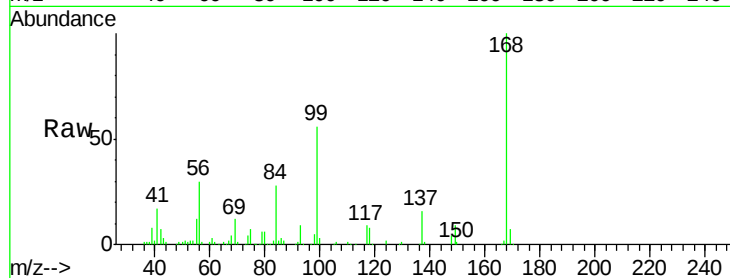
VU0627MBS03

Tgt Ion:168 Resp: 191924

Ion Ratio Lower Upper

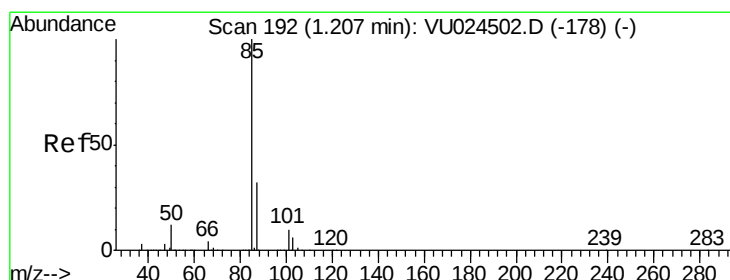
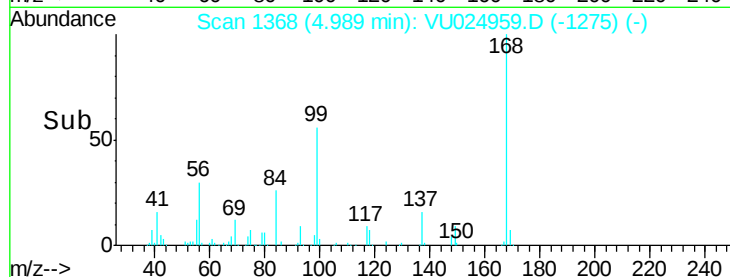
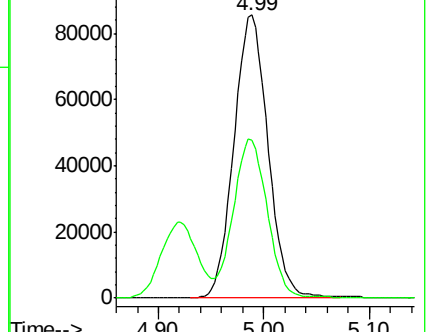
168 100

99 55.2 43.2 64.8



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

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



#2

Dichlorodifluoromethane

Concen: 16.724 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024959.D

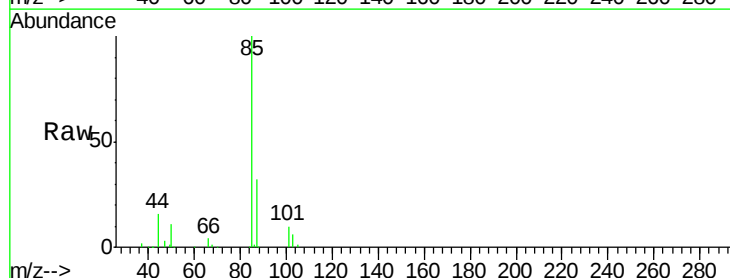
Acq: 27 Jun 2018 12:08

Tgt Ion: 85 Resp: 40175

Ion Ratio Lower Upper

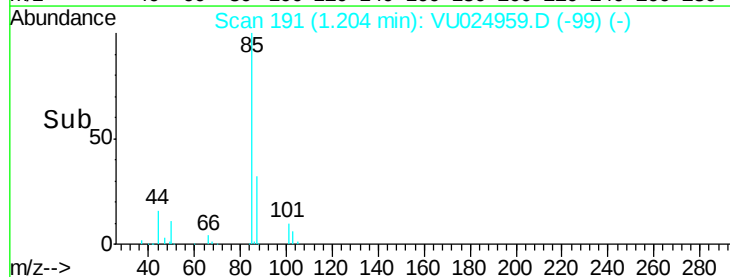
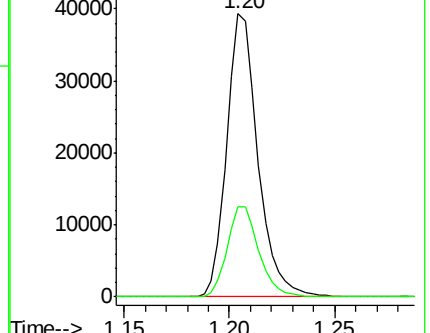
85 100

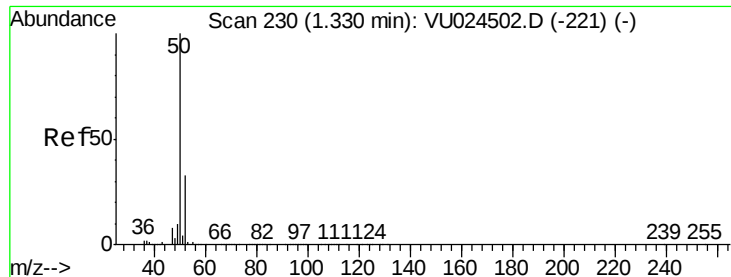
87 31.7 16.1 48.2



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

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

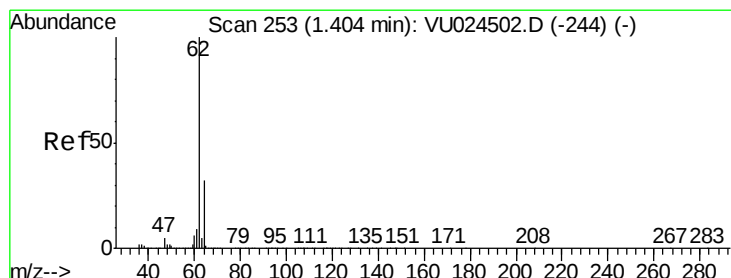
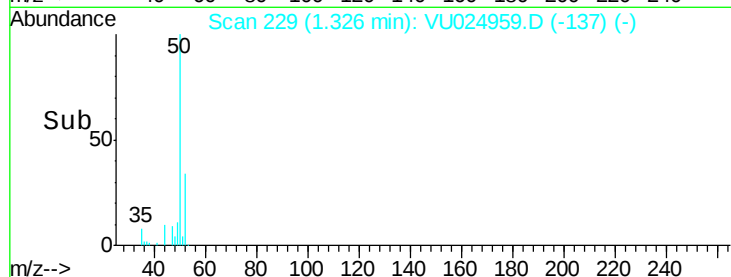
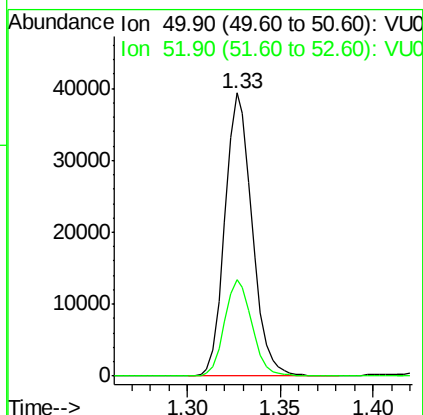
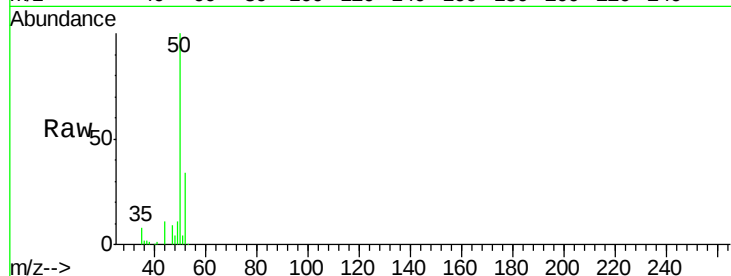




#3
Chloromethane
Concen: 16.342 ug/l
RT: 1.33 min Scan# 229
Delta R.T. -0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

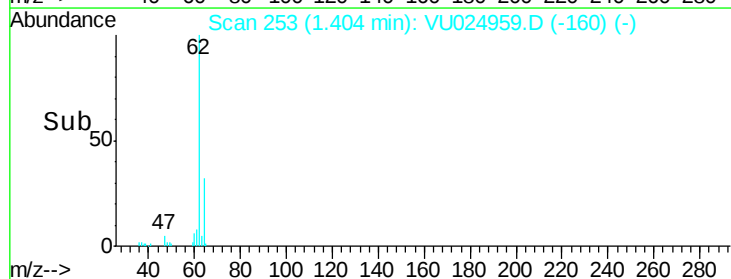
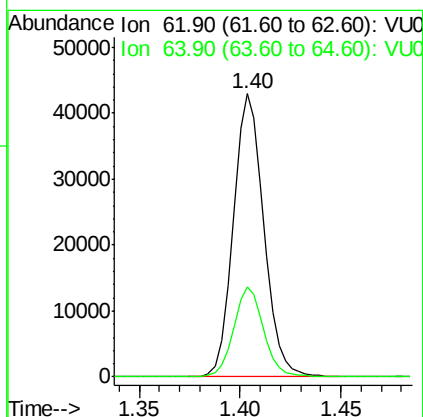
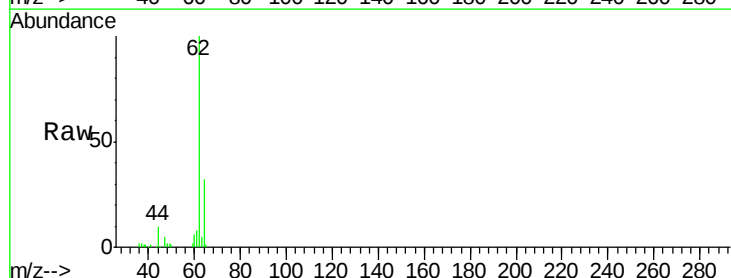
Instrument :
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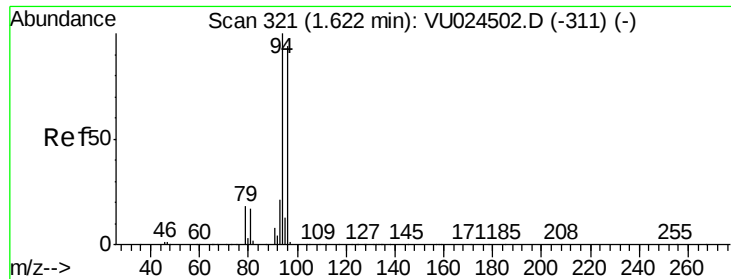
Tgt Ion: 50 Resp: 40107
Ion Ratio Lower Upper
50 100
52 34.3 26.4 39.6



#4
Vinyl Chloride
Concen: 17.936 ug/l
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion: 62 Resp: 45398
Ion Ratio Lower Upper
62 100
64 31.8 24.8 37.2





#5

Bromomethane

Concen: 23.751 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

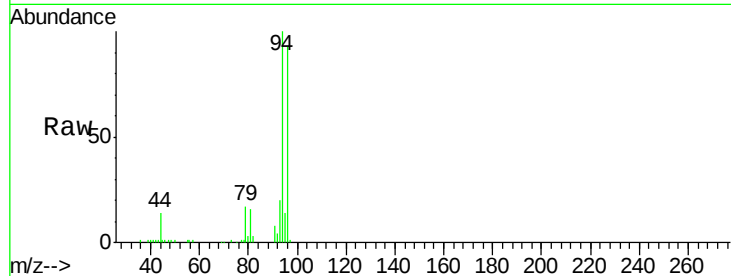
VU0627MBS03

Tgt Ion: 94 Resp: 29061

Ion Ratio Lower Upper

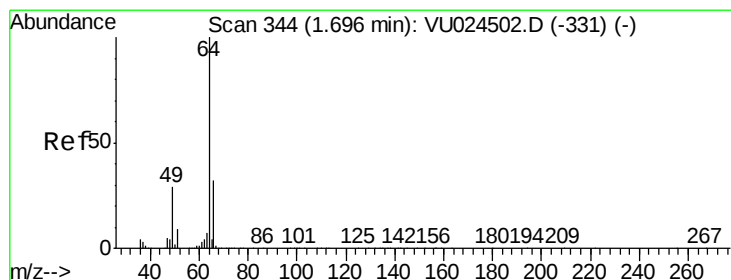
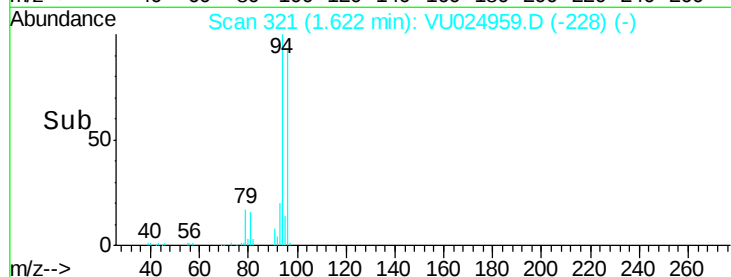
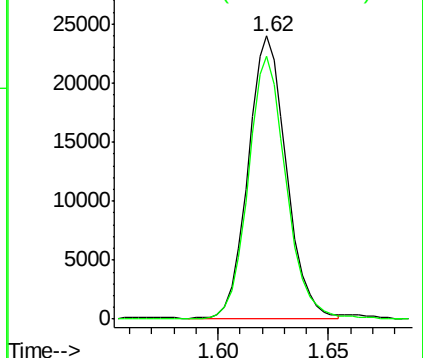
94 100

96 92.8 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: 19.981 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024959.D

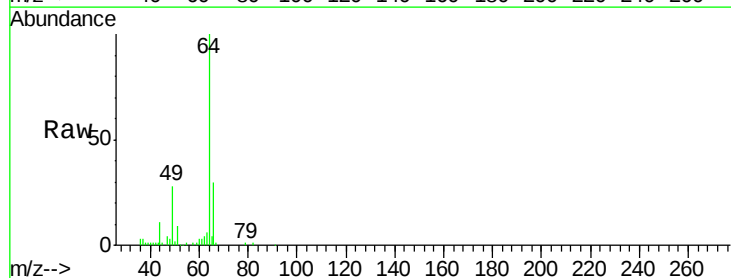
Acq: 27 Jun 2018 12:08

Tgt Ion: 64 Resp: 29154

Ion Ratio Lower Upper

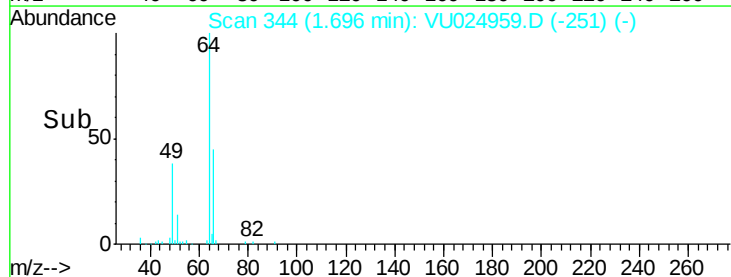
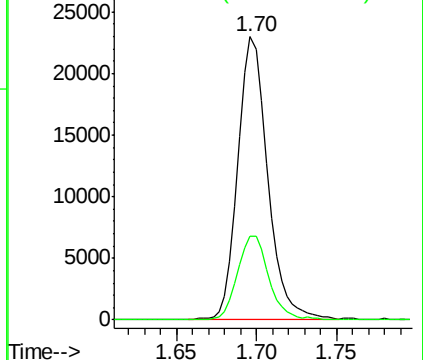
64 100

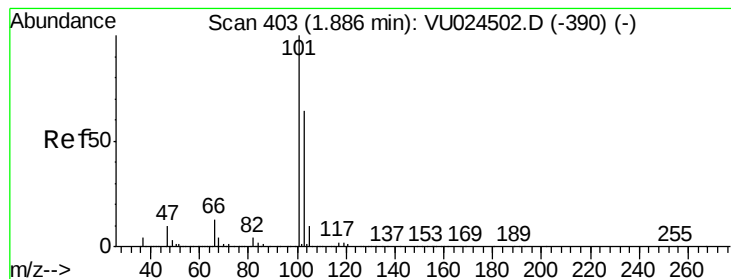
66 29.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



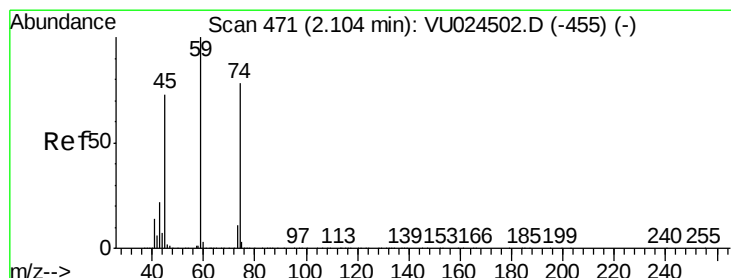
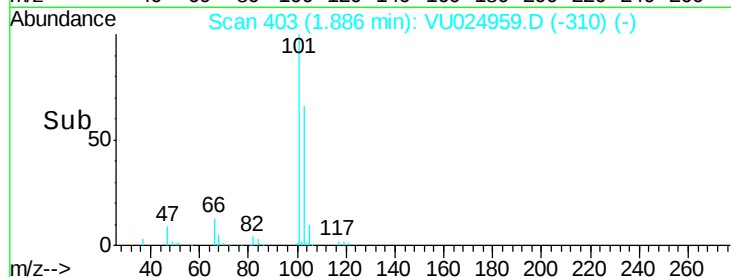
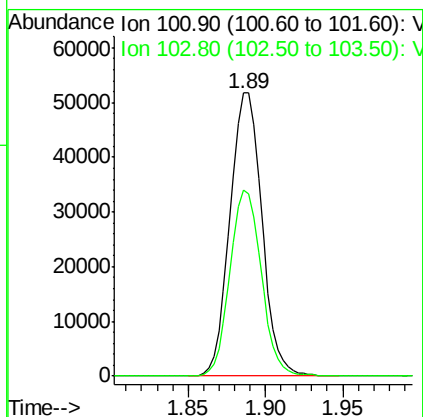
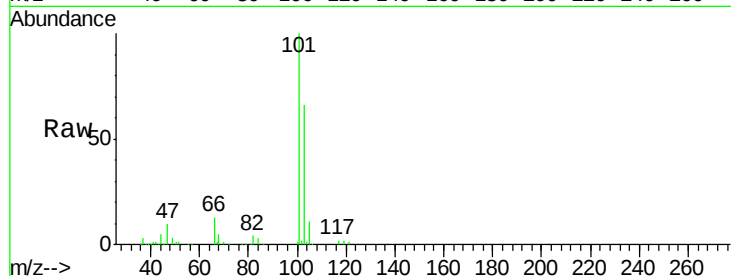


#7

Trichlorofluoromethane
 Concen: 19.199 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS03

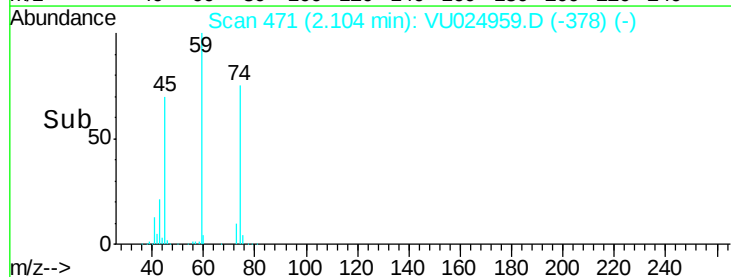
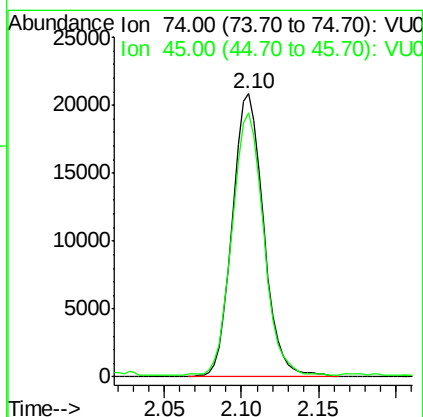
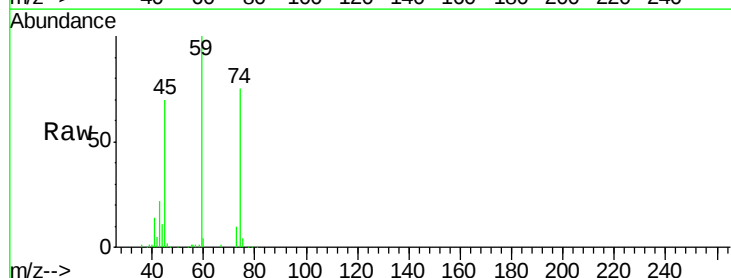
Tgt Ion:101 Resp: 74158
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.3 78.5

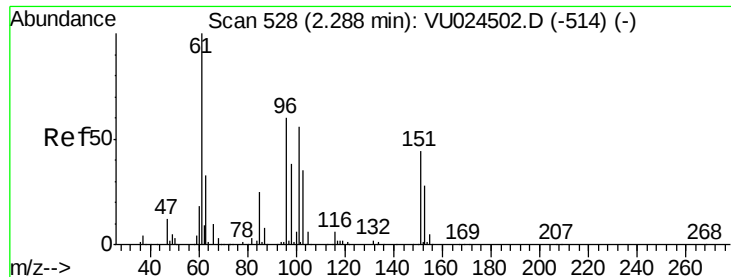


#8

Diethyl Ether
 Concen: 21.105 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Tgt Ion: 74 Resp: 29173
 Ion Ratio Lower Upper
 74 100
 45 93.5 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.975 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

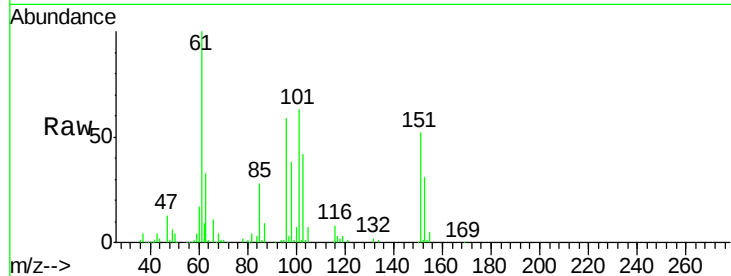
Tgt Ion:101 Resp: 45471

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

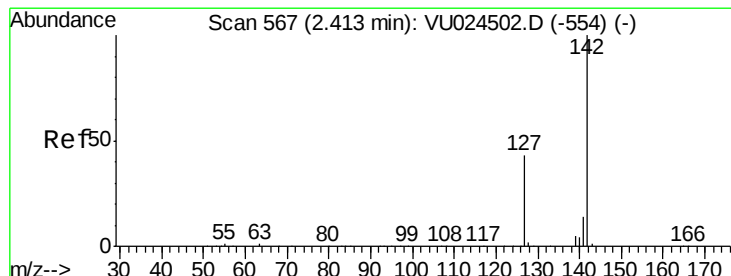
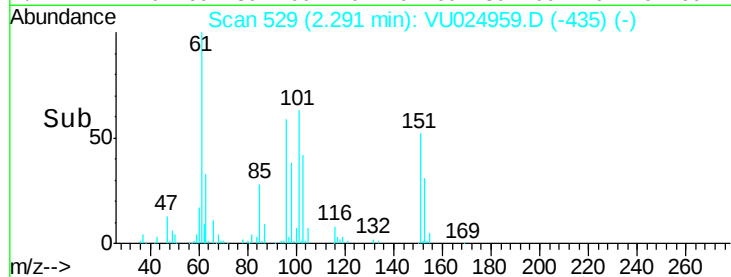
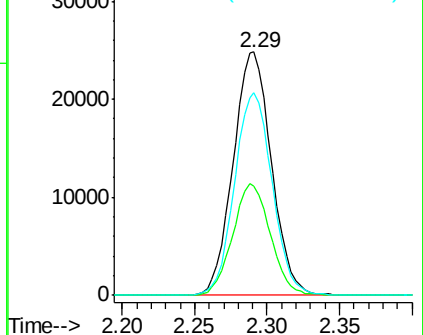
151 82.0 62.3 93.5



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: 24.542 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

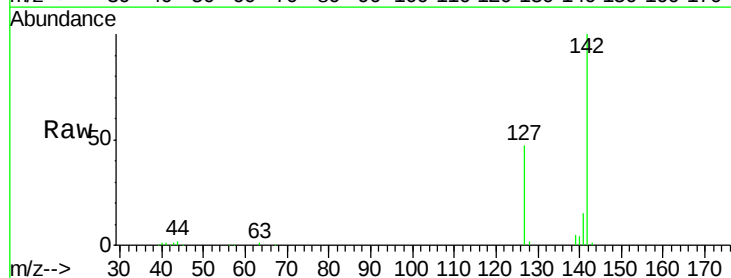
Tgt Ion:142 Resp: 43666

Ion Ratio Lower Upper

142 100

127 45.7 35.6 53.4

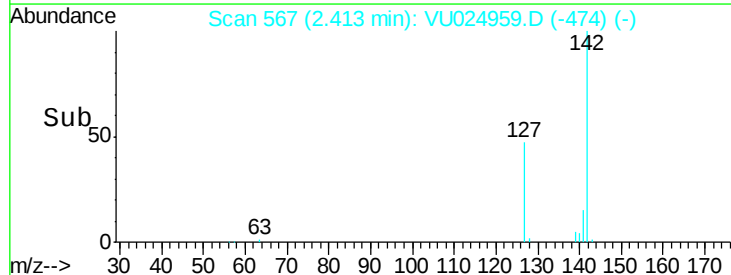
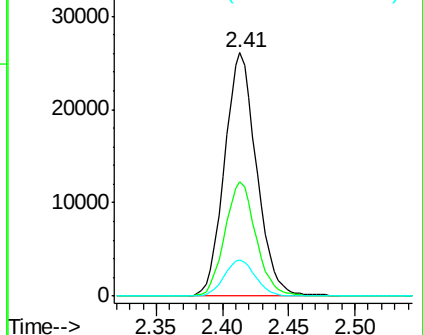
141 14.3 11.7 17.5



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



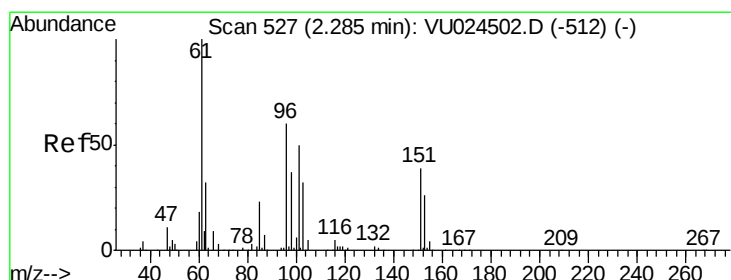
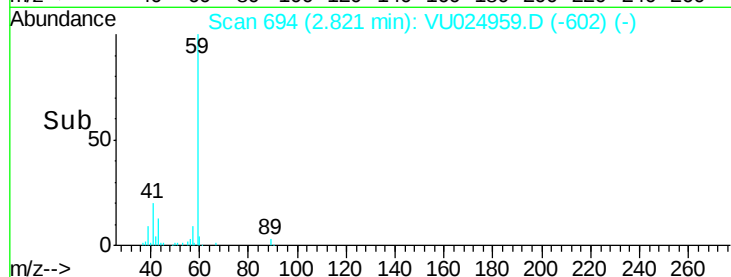
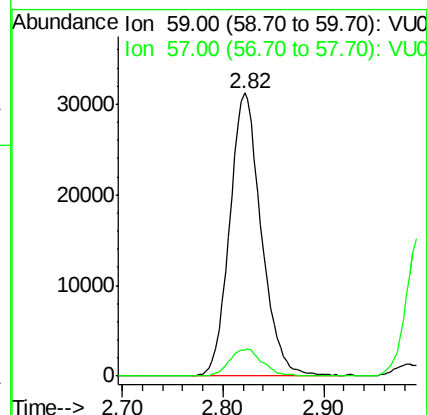
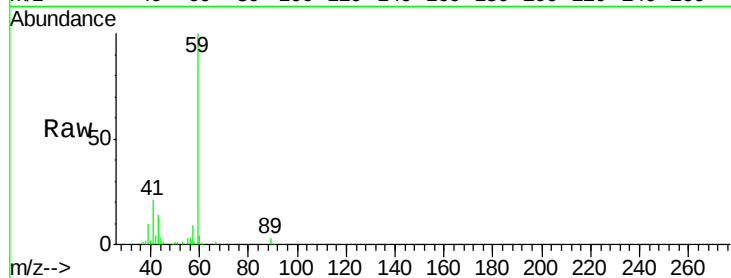


#11

Tert butyl alcohol
 Concen: 89.591 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS03

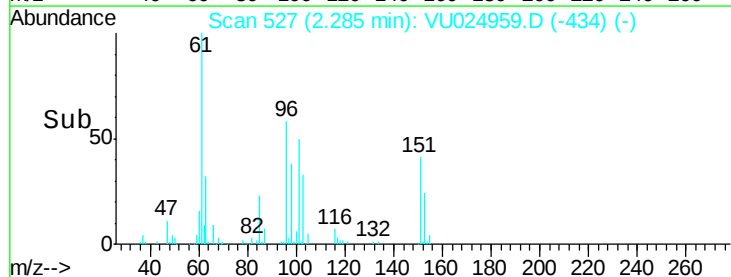
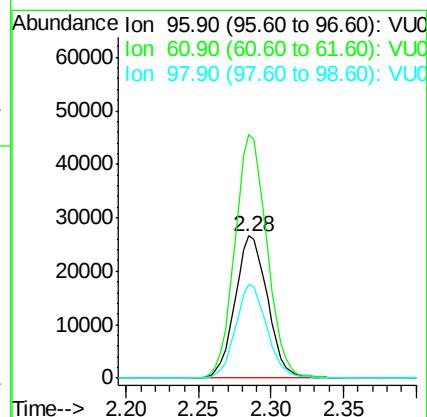
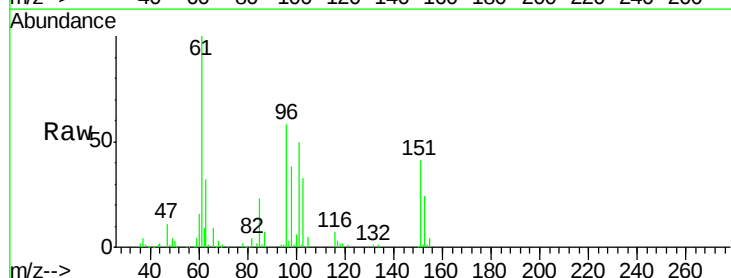
Tgt Ion: 59 Resp: 68270
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.5 12.7

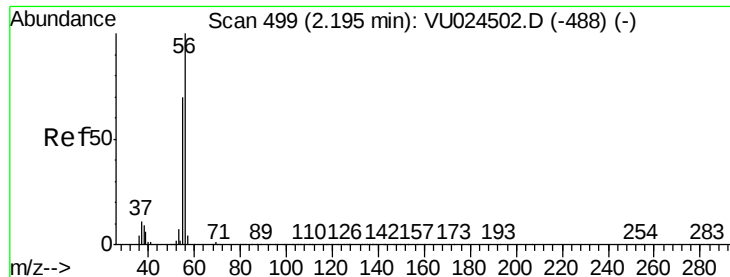


#12

1,1-Dichloroethene
 Concen: 18.915 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Tgt Ion: 96 Resp: 41335
 Ion Ratio Lower Upper
 96 100
 61 171.6 141.7 212.5
 98 66.0 51.6 77.4





#13

Acrolein

Concen: 55.983 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

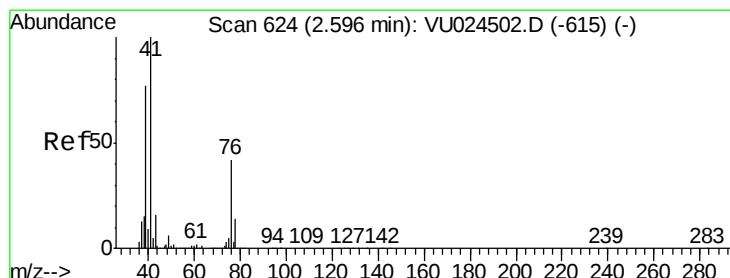
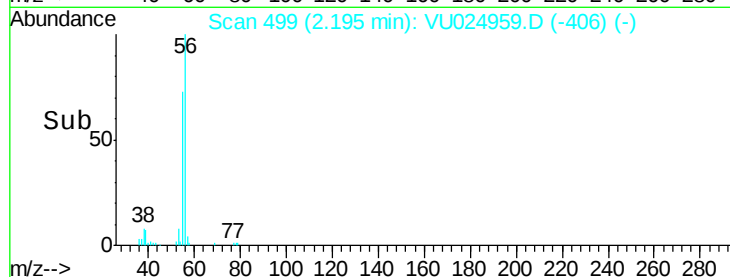
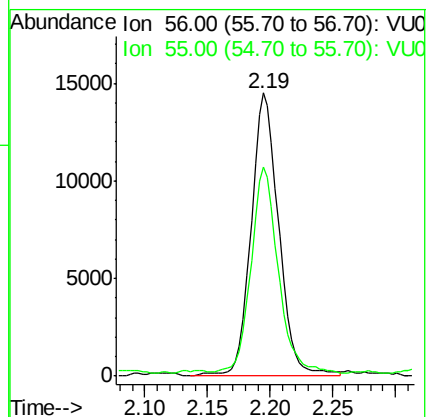
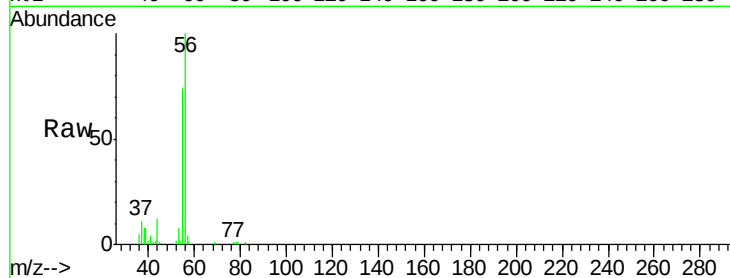
VU0627MBS03

Tgt Ion: 56 Resp: 22402

Ion Ratio Lower Upper

56 100

55 70.9 58.4 87.6



#14

Allyl chloride

Concen: 17.626 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

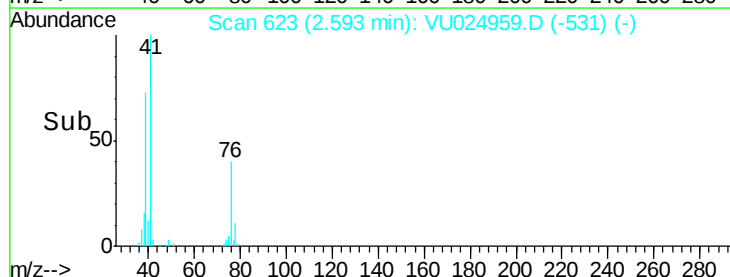
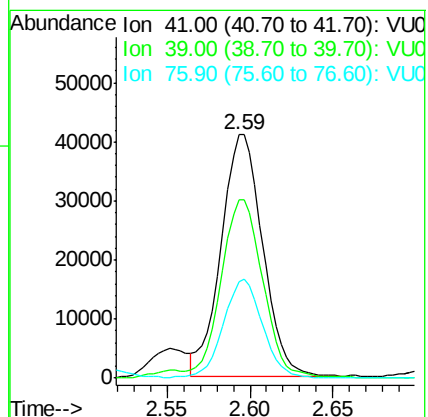
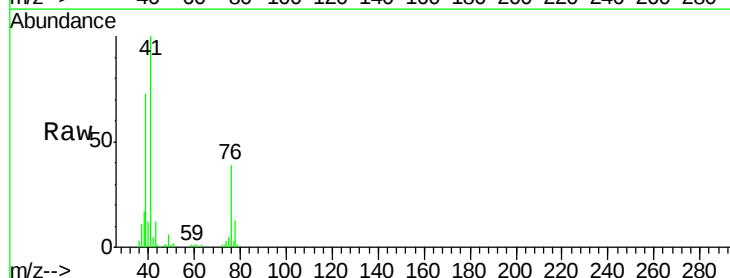
Tgt Ion: 41 Resp: 71519

Ion Ratio Lower Upper

41 100

39 74.4 61.6 92.4

76 37.9 29.7 44.5





#15

Acrylonitrile

Concen: 93.076 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

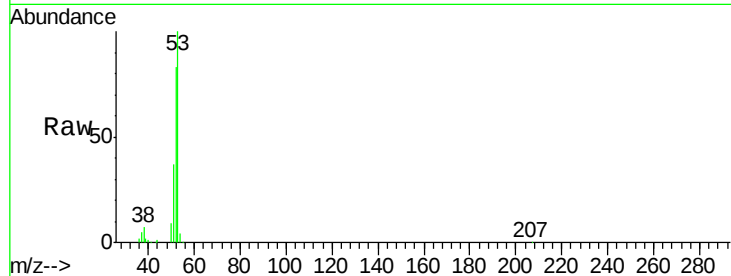
Tgt Ion: 53 Resp: 137994

Ion Ratio Lower Upper

53 100

52 82.7 67.1 100.7

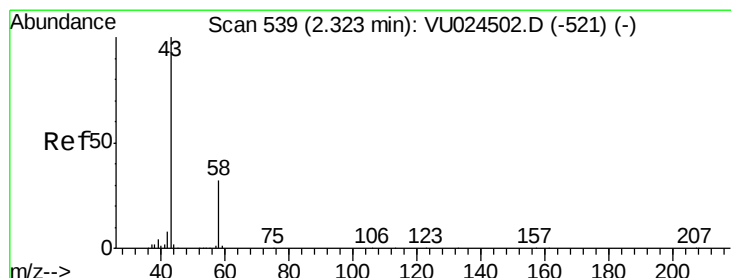
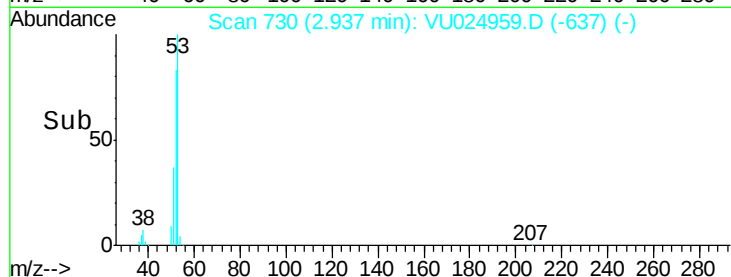
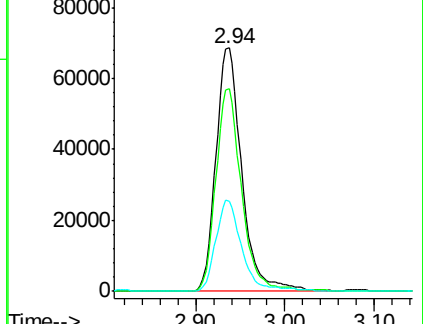
51 37.9 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 94.831 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024959.D

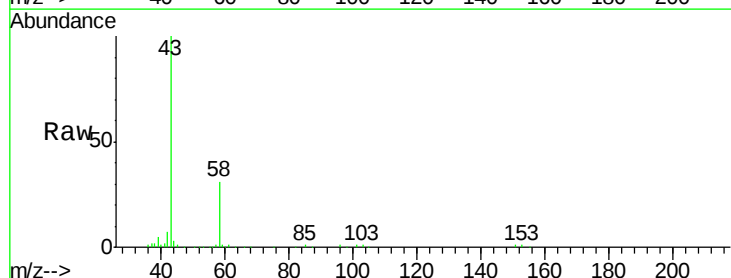
Acq: 27 Jun 2018 12:08

Tgt Ion: 43 Resp: 159644

Ion Ratio Lower Upper

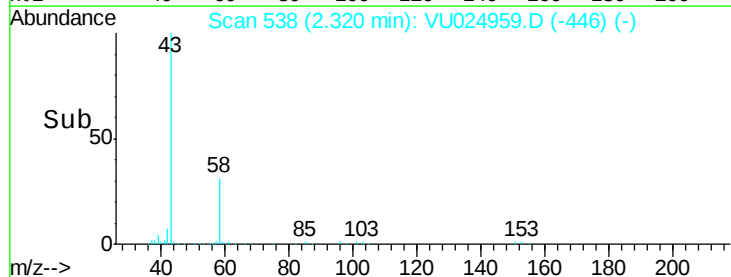
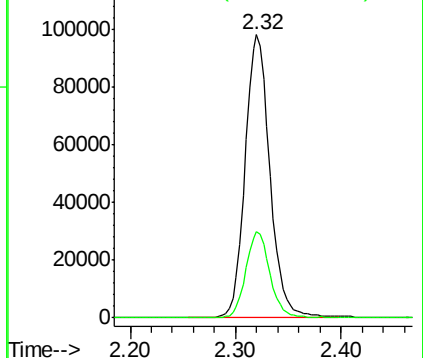
43 100

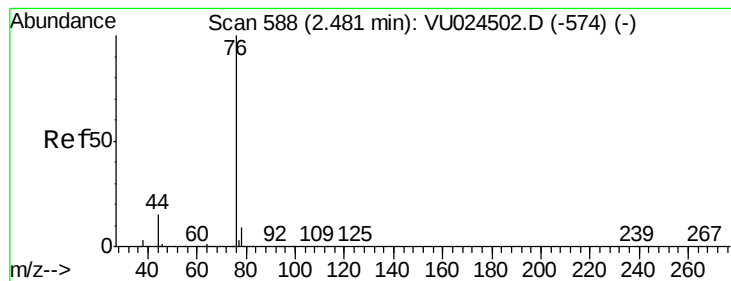
58 30.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 16.642 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

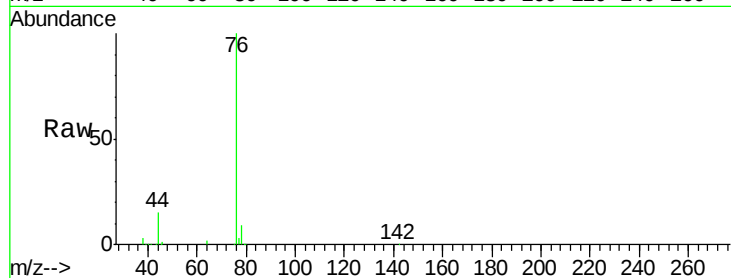
VU0627MBS03

Tgt Ion: 76 Resp: 116452

Ion Ratio Lower Upper

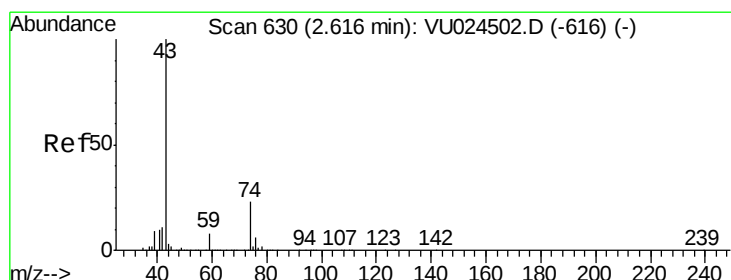
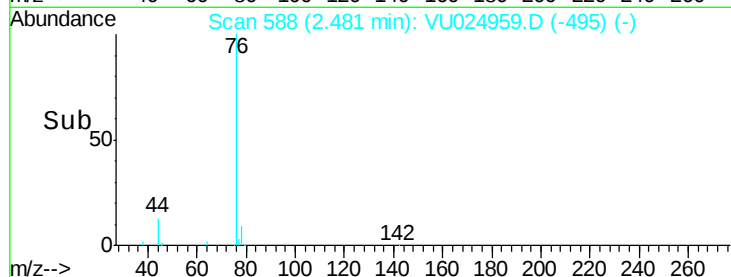
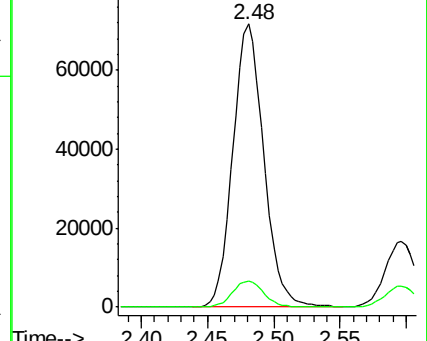
76 100

78 9.2 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: 20.906 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024959.D

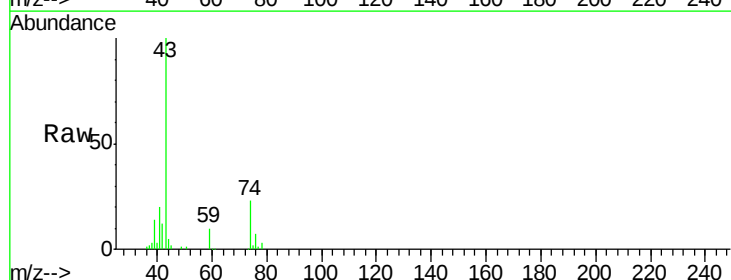
Acq: 27 Jun 2018 12:08

Tgt Ion: 43 Resp: 75450

Ion Ratio Lower Upper

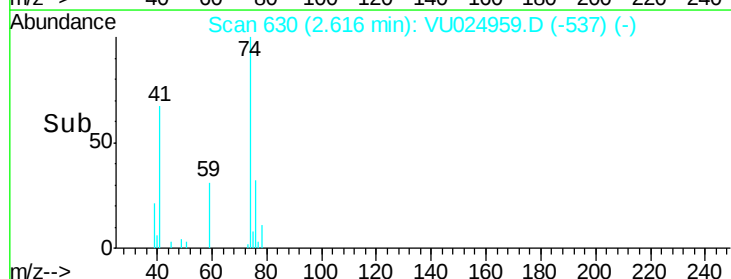
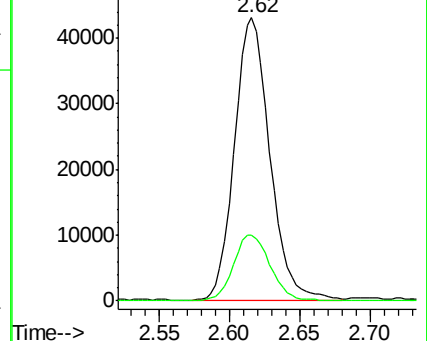
43 100

74 24.5 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: 20.146 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

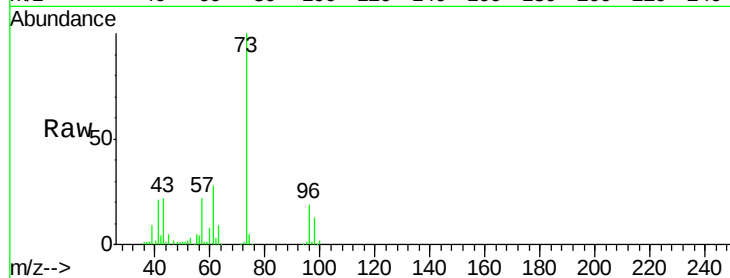
VU0627MBS03

Tgt Ion: 73 Resp: 165488

Ion Ratio Lower Upper

73 100

57 22.1 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024502.D (-723) (-)

Ion 57.00 (56.70 to 57.70): VU024502.D (-723) (-)

3.00

80000

60000

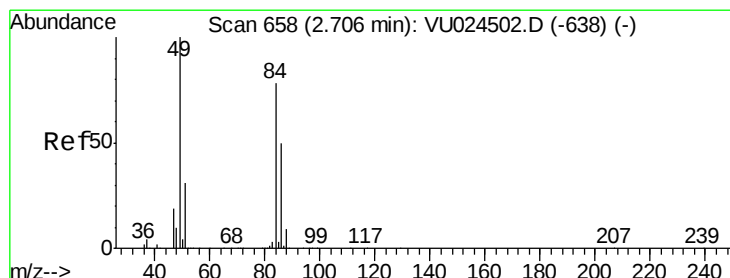
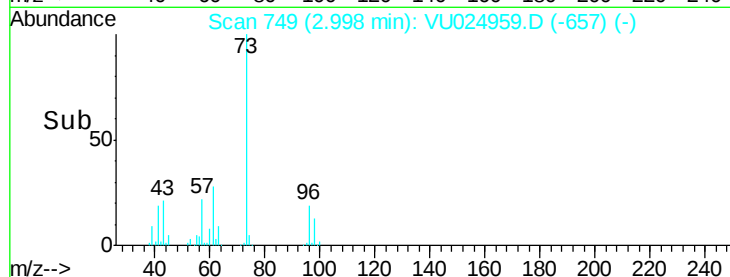
40000

20000

0

Time-->

2.90 2.95 3.00 3.05 3.10



#20

Methylene Chloride

Concen: 18.361 ug/l

RT: 2.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Tgt Ion: 84 Resp: 48501

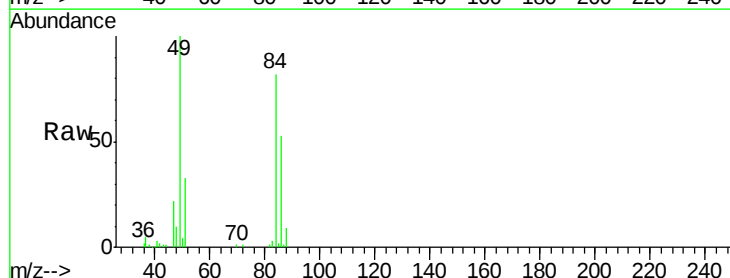
Ion Ratio Lower Upper

84 100

49 122.4 103.8 155.8

51 40.0 32.0 48.0

86 64.5 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024502.D (-638) (-)

Ion 48.90 (48.60 to 49.60): VU024502.D (-638) (-)

Ion 50.90 (50.60 to 51.60): VU024502.D (-638) (-)

Ion 85.90 (85.60 to 86.60): VU024502.D (-638) (-)

50000

40000

30000

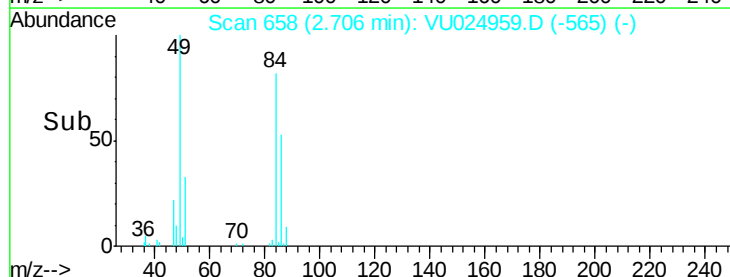
20000

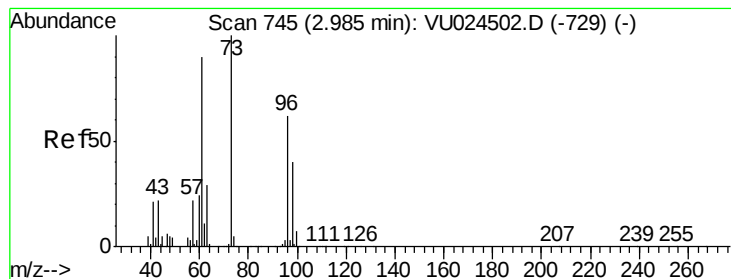
10000

0

Time-->

2.65 2.70 2.75 2.80





#21

trans-1,2-Dichloroethene

Concen: 18.795 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

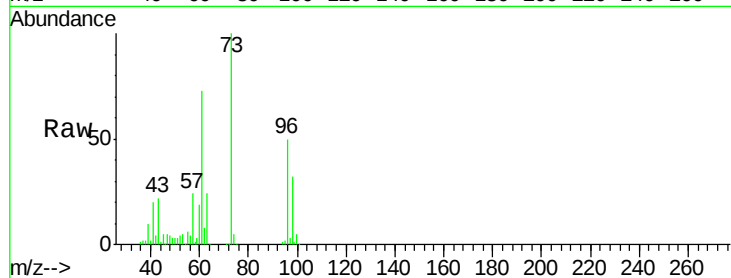
Tgt Ion: 96 Resp: 45238

Ion Ratio Lower Upper

96 100

61 145.6 119.4 179.0

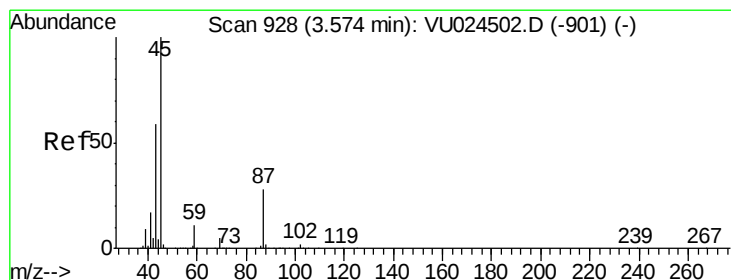
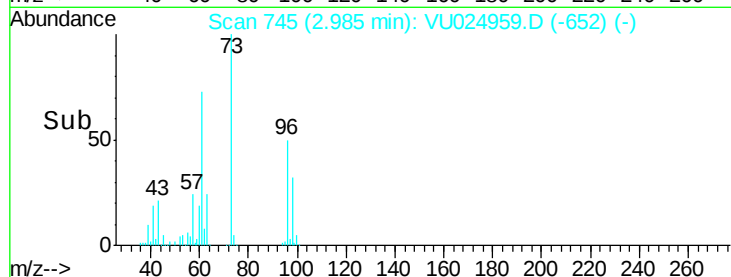
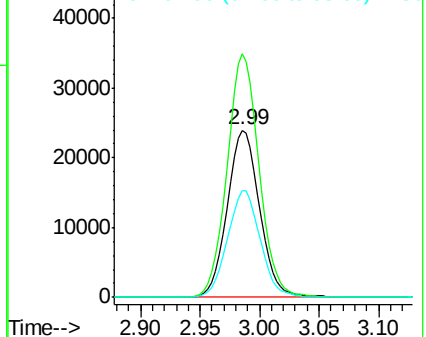
98 63.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 19.309 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Tgt Ion: 45 Resp: 155313

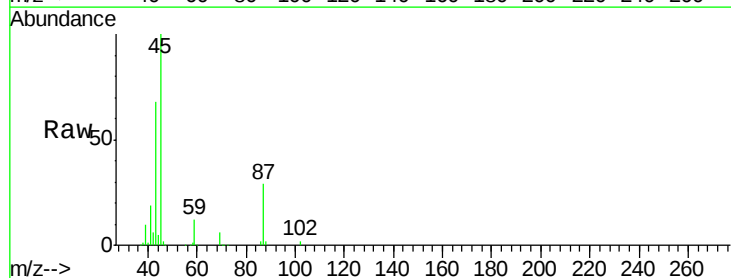
Ion Ratio Lower Upper

45 100

43 66.6 45.8 68.6

87 29.0 20.6 31.0

59 12.1 9.4 14.0

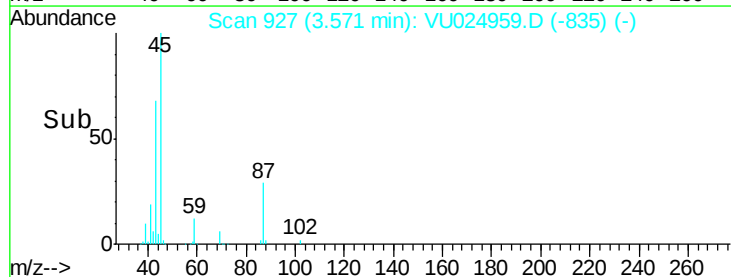
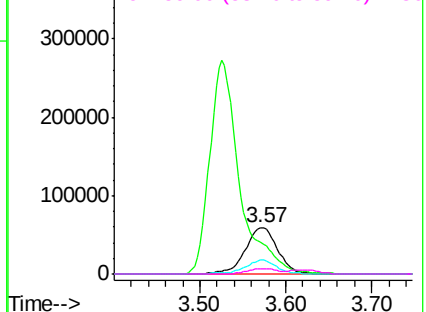


Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0

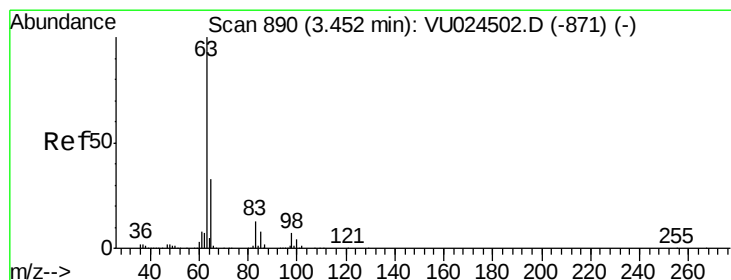
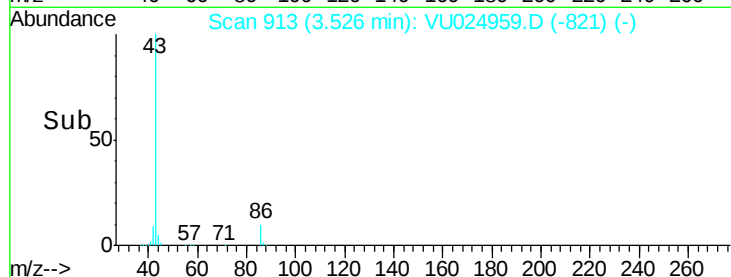
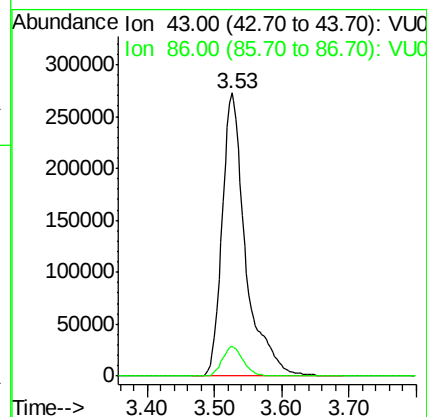
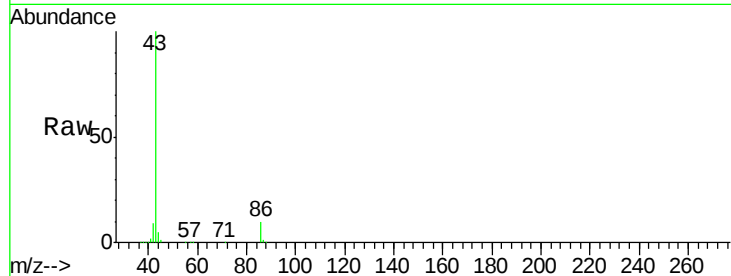




#23
 Vinyl Acetate
 Concen: 92.458 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

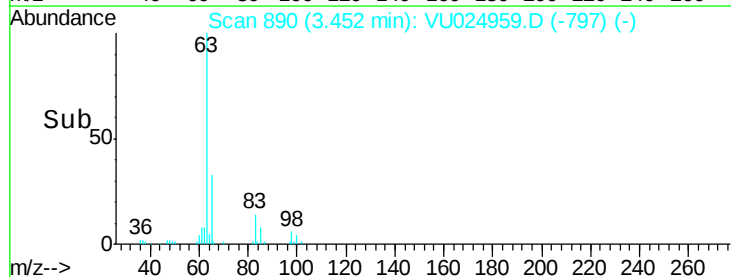
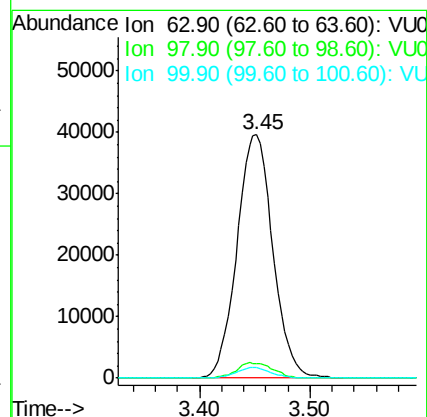
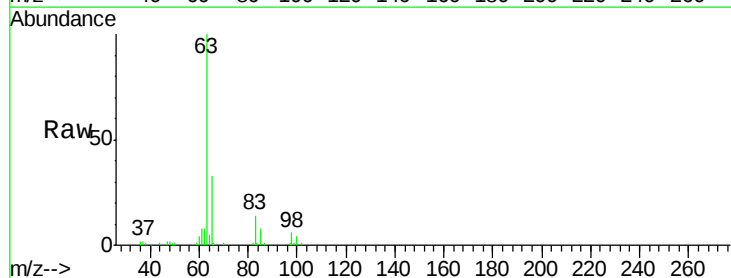
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS03

Tgt Ion: 43 Resp: 666193
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.217 ug/l
 RT: 3.45 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Tgt Ion: 63 Resp: 88922
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 4.3 1.8 5.5

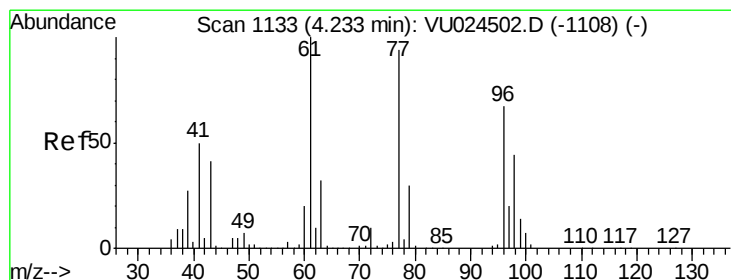
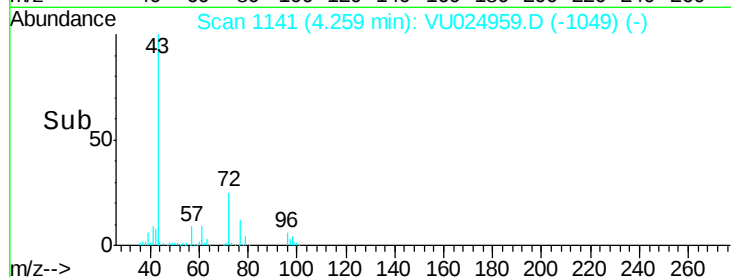
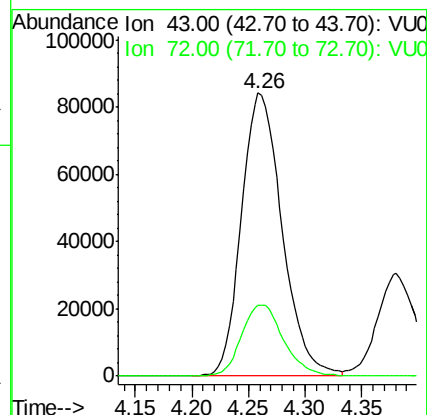
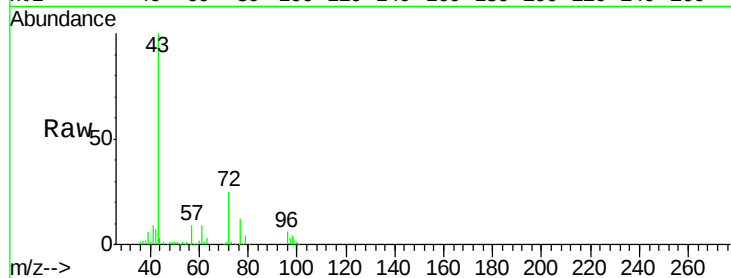




#25
2-Butanone
Concen: 92.449 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

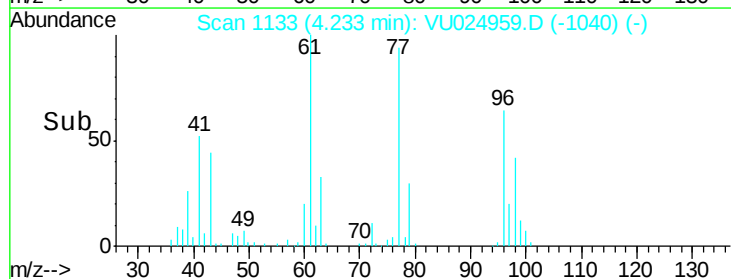
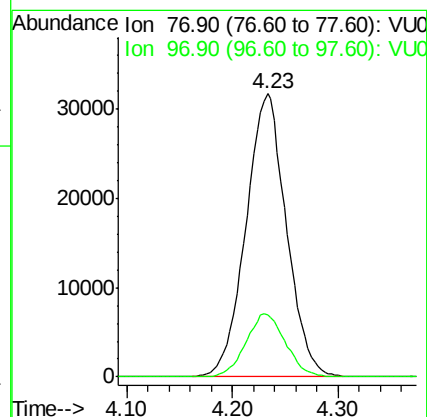
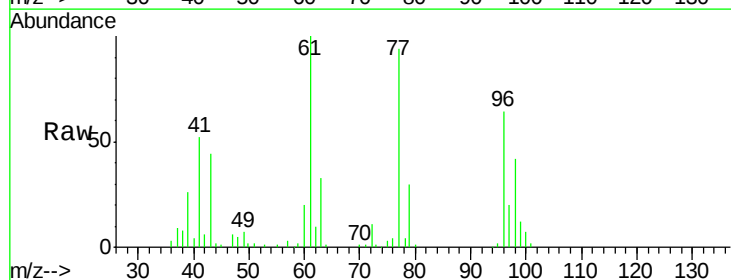
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

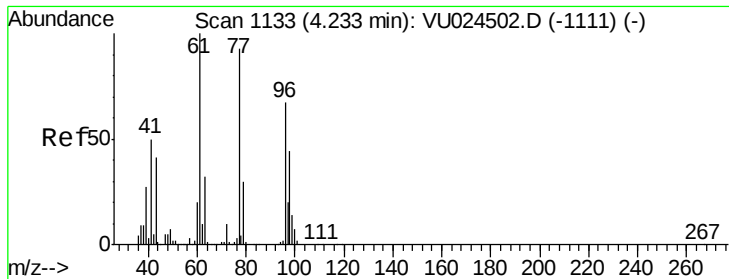
Tgt Ion: 43 Resp: 209053
Ion Ratio Lower Upper
43 100
72 25.1 19.6 29.4



#26
2,2-Dichloropropane
Concen: 19.263 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion: 77 Resp: 84639
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.332 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

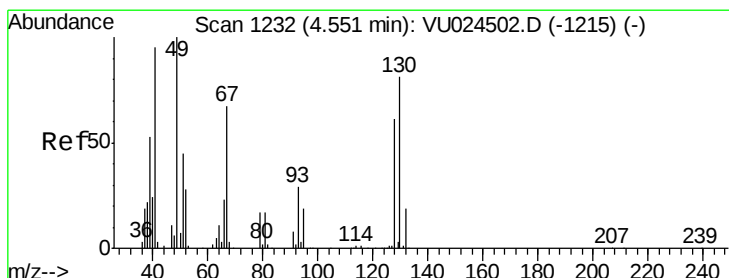
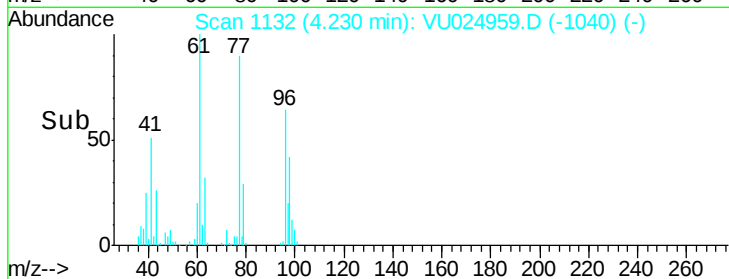
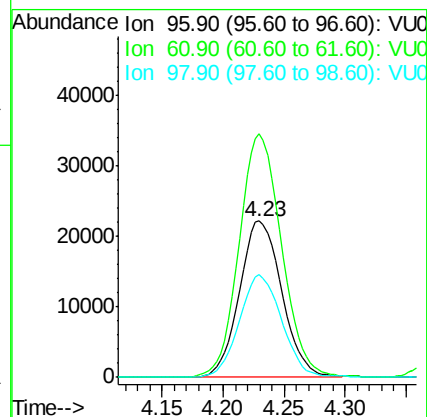
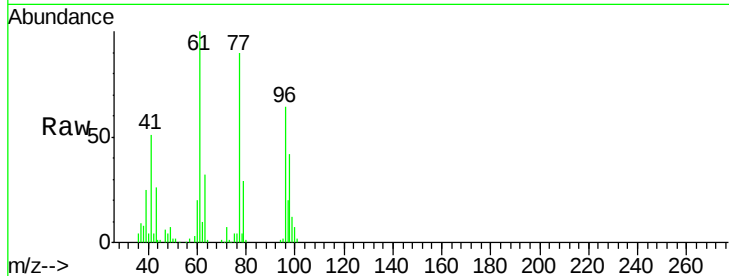
Tgt Ion: 96 Resp: 53495

Ion Ratio Lower Upper

96 100

61 155.8 0.0 306.6

98 65.6 0.0 128.8



#28

Bromochloromethane

Concen: 19.579 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

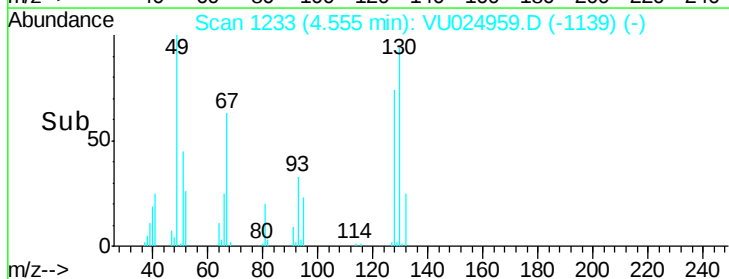
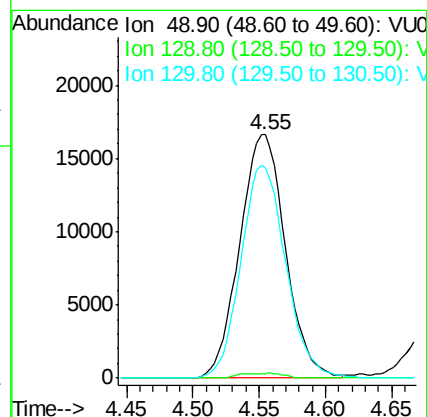
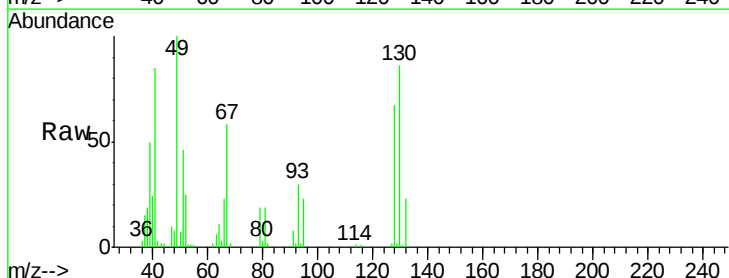
Tgt Ion: 49 Resp: 39904

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 85.7 57.8 86.6





#29

Tetrahydrofuran

Concen: 91.044 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

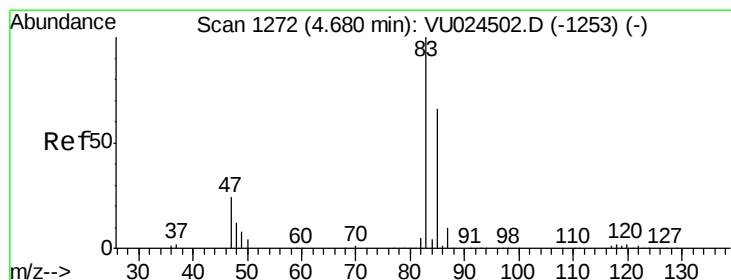
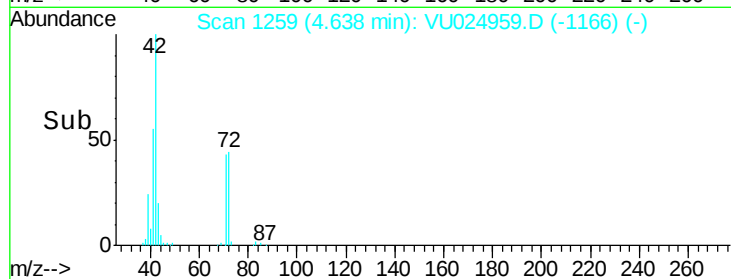
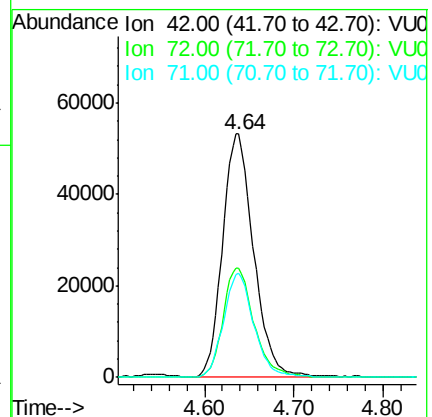
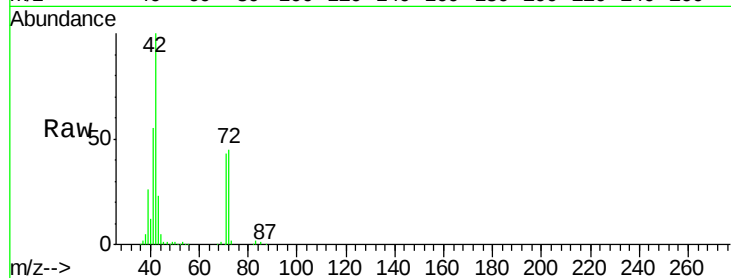
Tgt Ion: 42 Resp: 127492

Ion Ratio Lower Upper

42 100

72 45.0 34.5 51.7

71 41.9 32.2 48.4



#30

Chloroform

Concen: 19.980 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024959.D

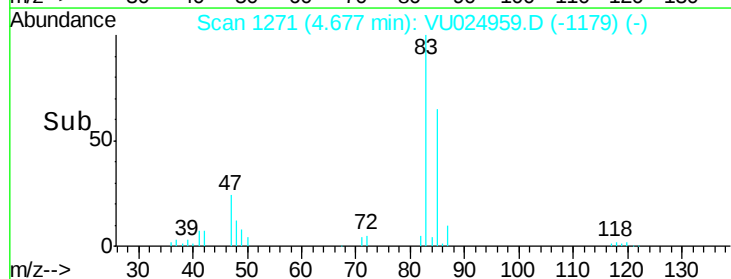
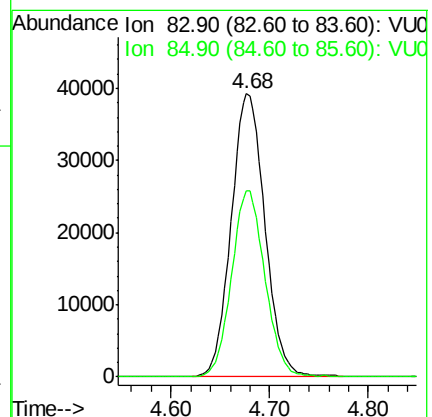
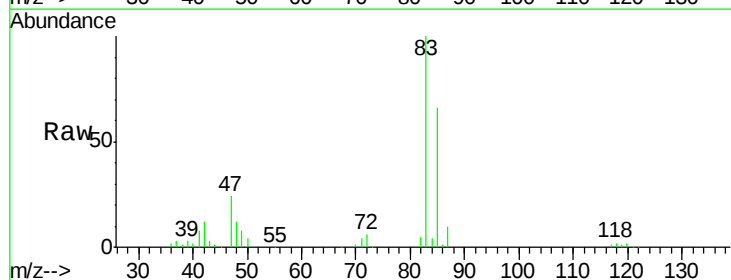
Acq: 27 Jun 2018 12:08

Tgt Ion: 83 Resp: 93579

Ion Ratio Lower Upper

83 100

85 65.8 52.4 78.6

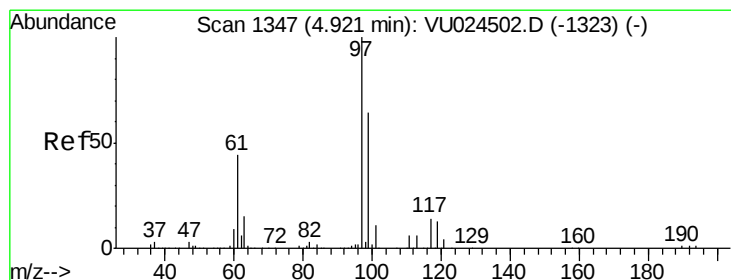
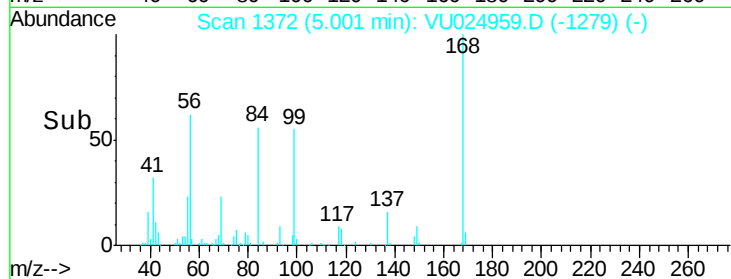
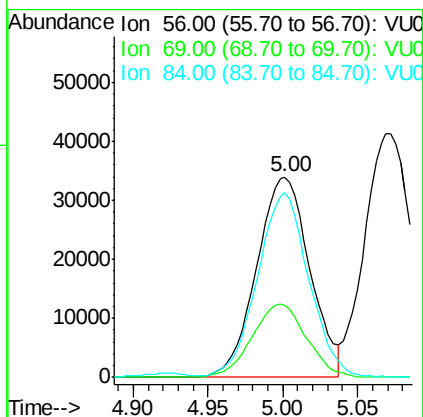
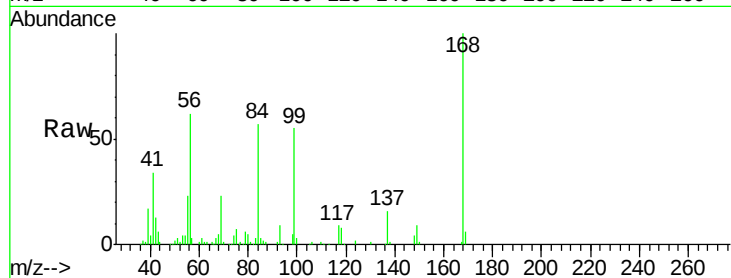




#31
Cyclohexane
Concen: 19.150 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

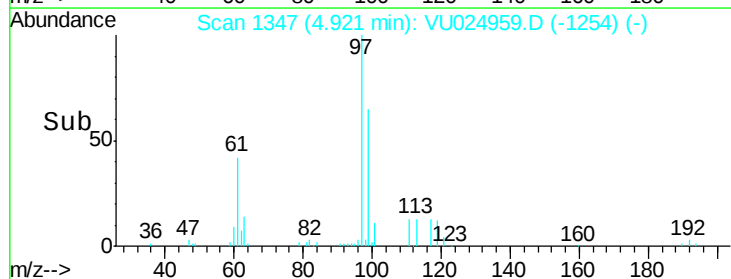
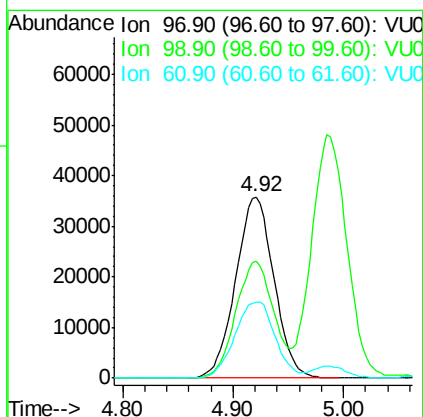
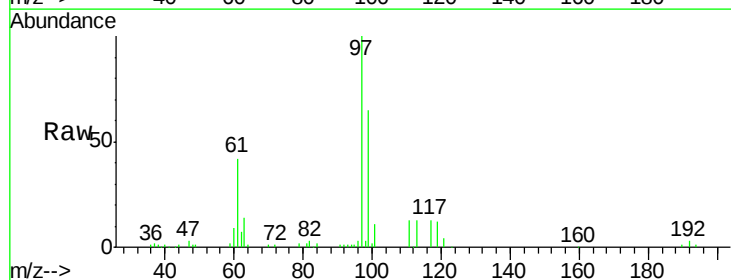
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

Tgt Ion: 56 Resp: 83694
Ion Ratio Lower Upper
56 100
69 36.2 24.8 37.2
84 90.9 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 19.869 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion: 97 Resp: 86054
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 44.3 39.4 59.0





#33

1,2-Dichloroethane-d4

Concen: 42.904 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

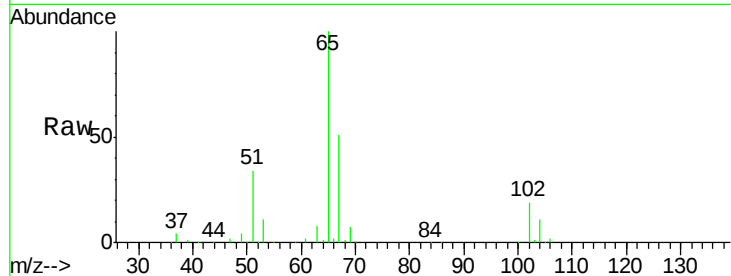
VU0627MBS03

Tgt Ion: 65 Resp: 134427

Ion Ratio Lower Upper

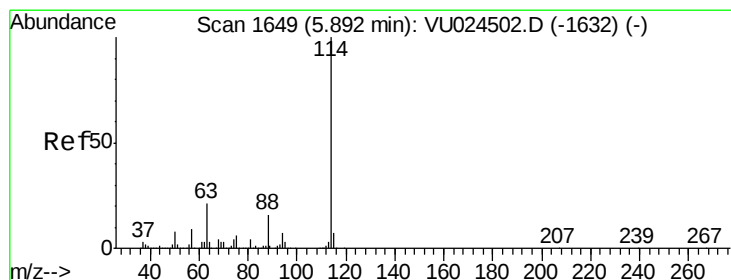
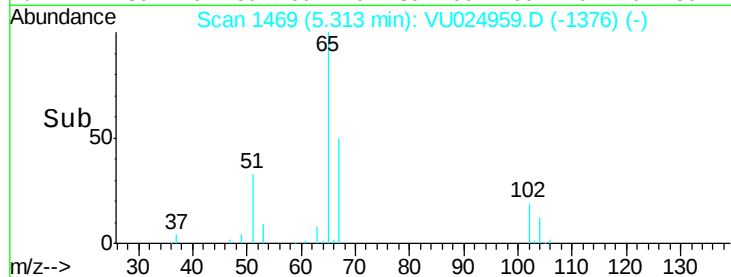
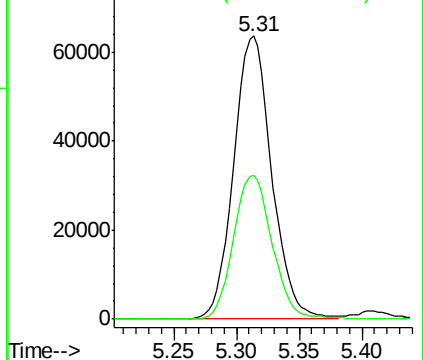
65 100

67 51.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

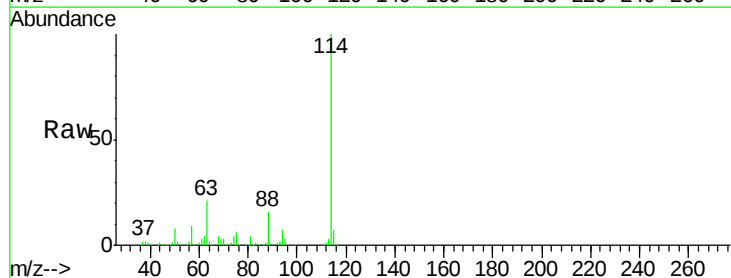
Tgt Ion: 114 Resp: 282885

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

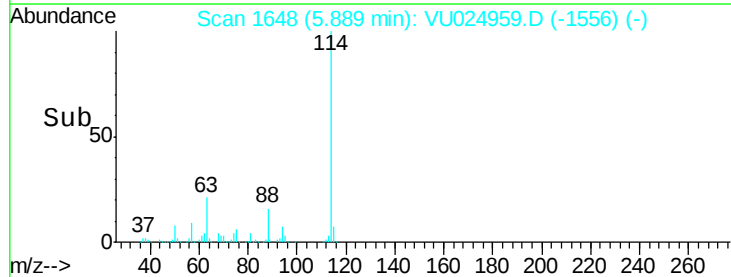
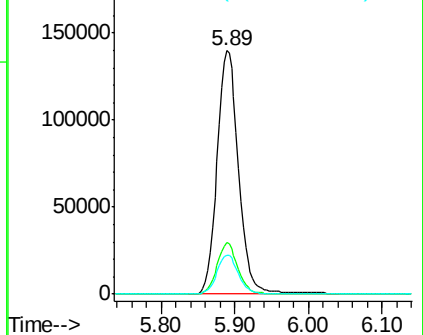
88 15.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

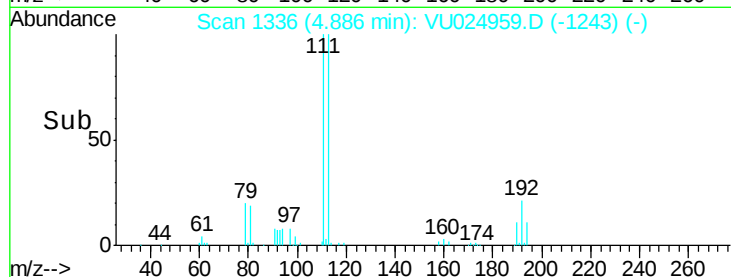
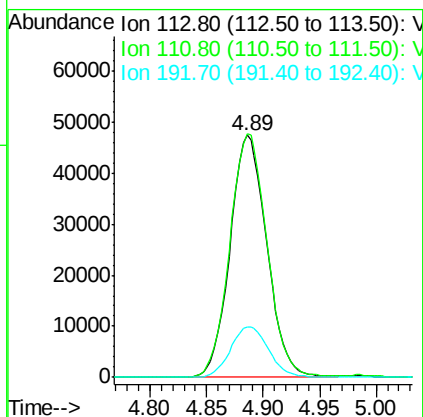
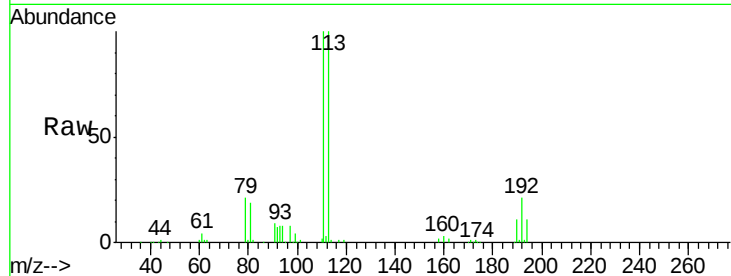




#35
Dibromofluoromethane
Concen: 45.616 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

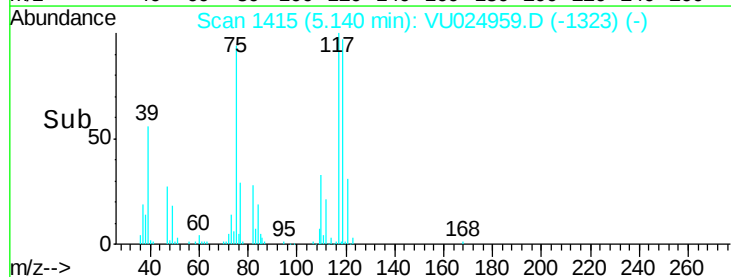
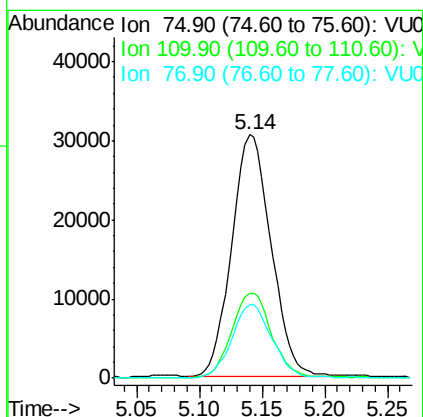
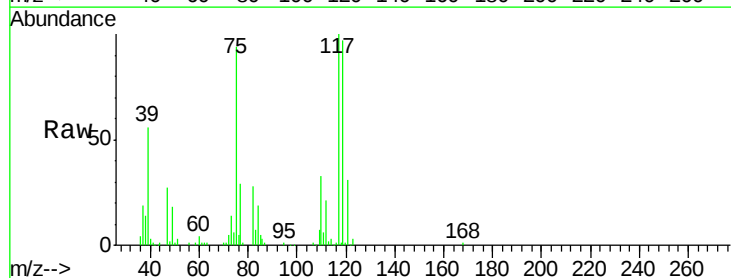
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

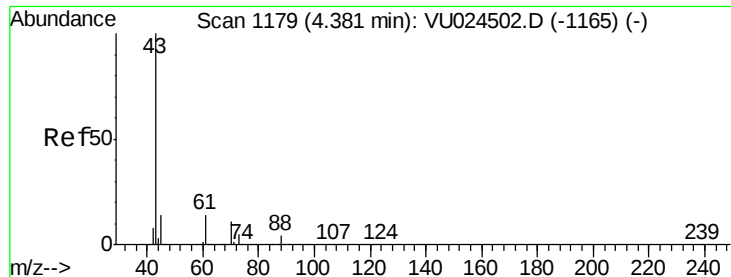
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	21.6	16.2	24.4



#36
1,1-Dichloropropene
Concen: 20.127 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.0	50.9
77	30.9	24.2	36.4

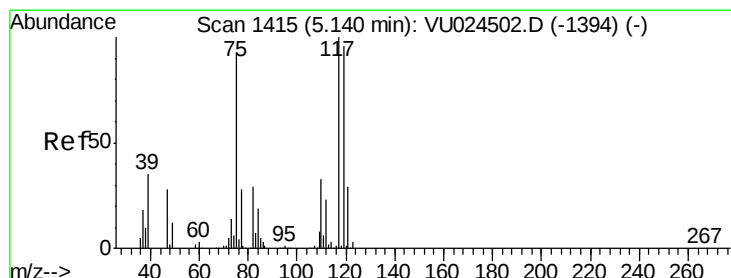
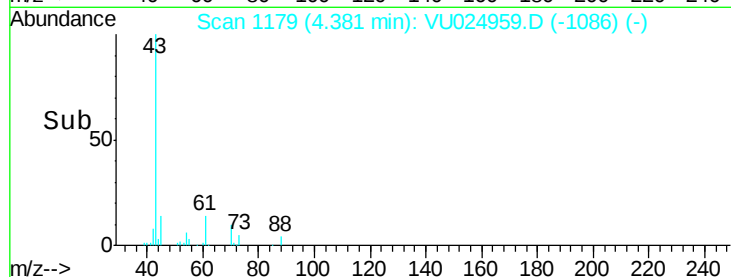
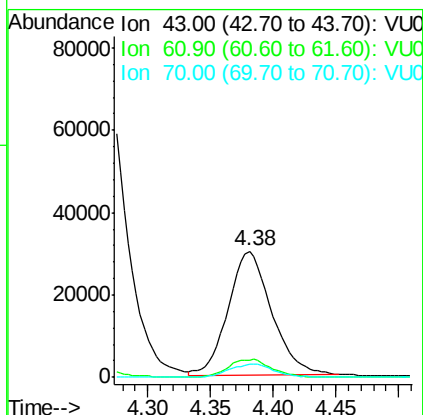
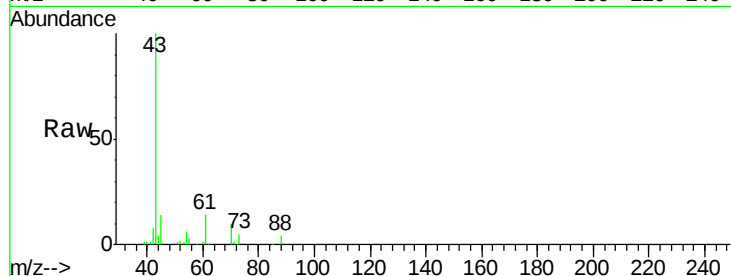




#37
 Ethyl Acetate
 Concen: 20.027 ug/l
 RT: 4.38 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

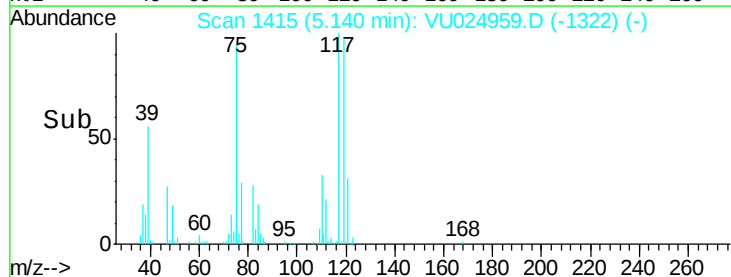
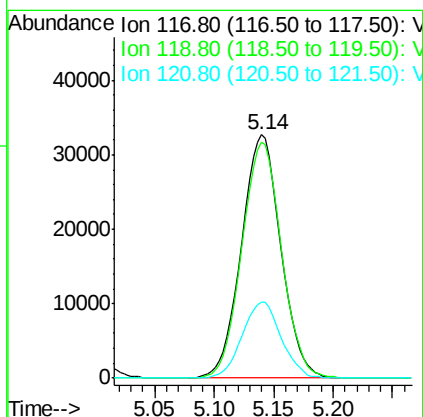
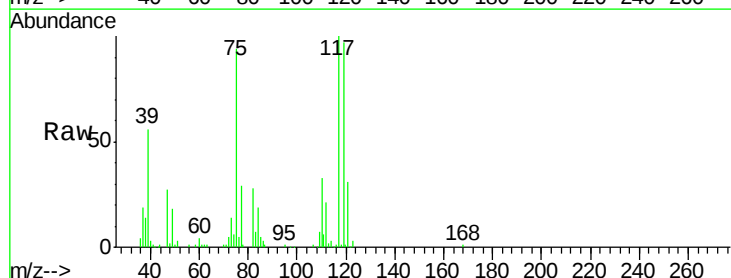
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS03

Tgt Ion: 43 Resp: 72558
 Ion Ratio Lower Upper
 43 100
 61 14.6 10.5 15.7
 70 11.2 7.4 11.2#



#38
 Carbon Tetrachloride
 Concen: 20.526 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Tgt Ion: 117 Resp: 75030
 Ion Ratio Lower Upper
 117 100
 119 97.1 76.1 114.1
 121 31.1 23.7 35.5

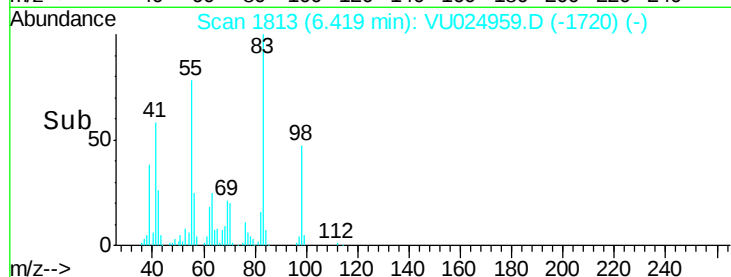
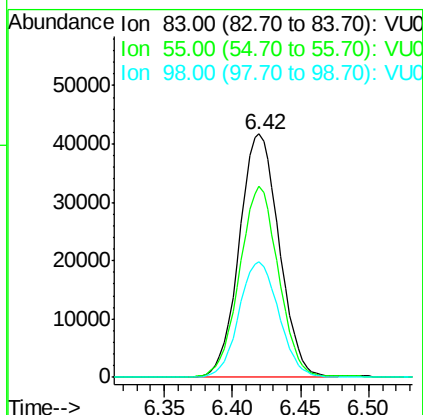
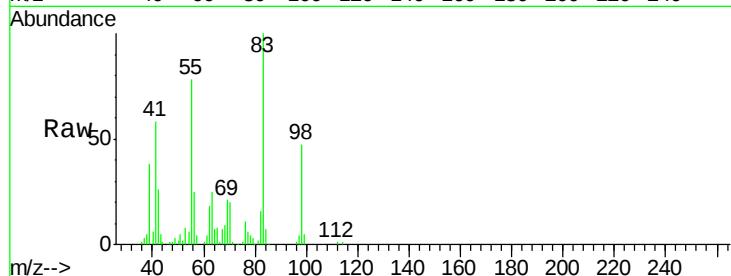




#39
Methylcyclohexane
Concen: 20.440 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

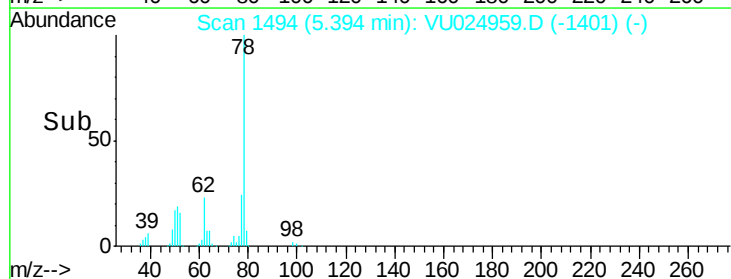
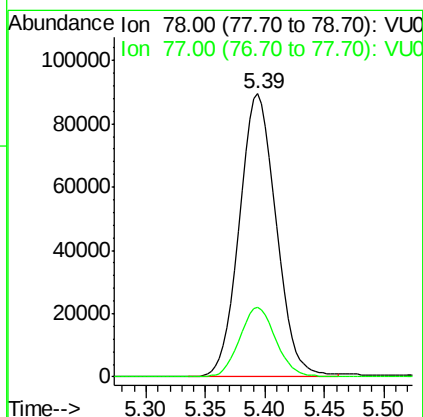
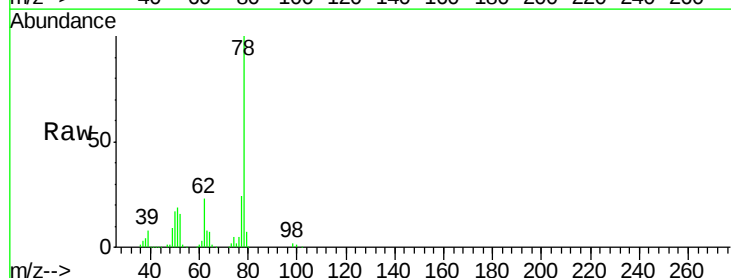
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

Tgt Ion: 83 Resp: 84791
Ion Ratio Lower Upper
83 100
55 78.0 65.8 98.6
98 47.3 36.7 55.1



#40
Benzene
Concen: 20.293 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion: 78 Resp: 192211
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8





#41

Methacrylonitrile

Concen: 21.262 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

Tgt Ion: 41 Resp: 41533

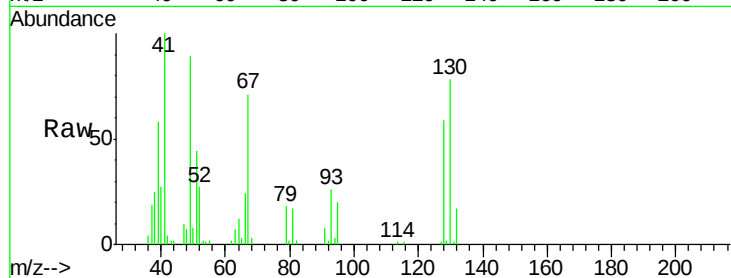
Ion Ratio Lower Upper

41 100

39 59.0 43.8 65.6

67 70.5 56.3 84.5

52 29.5 23.2 34.8

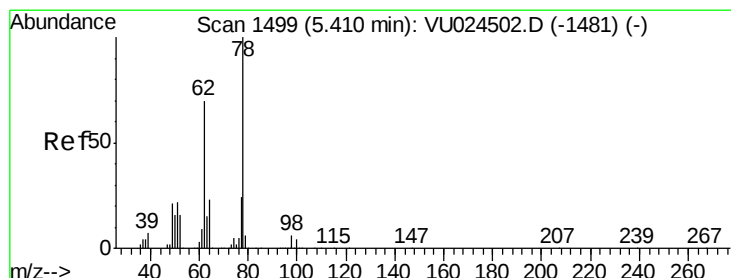
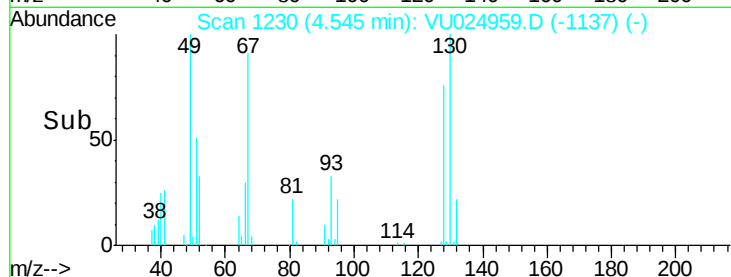
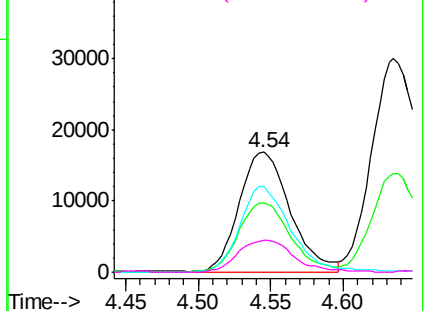


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 22.430 ug/l

RT: 5.41 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU024959.D

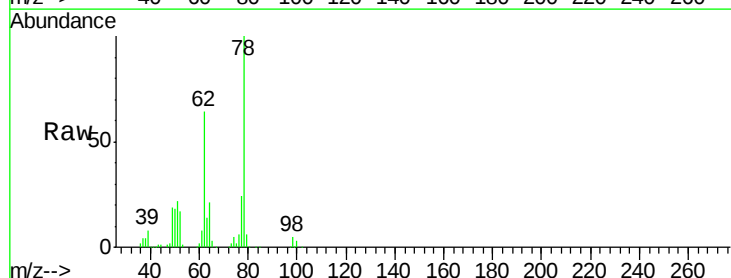
Acq: 27 Jun 2018 12:08

Tgt Ion: 62 Resp: 80917

Ion Ratio Lower Upper

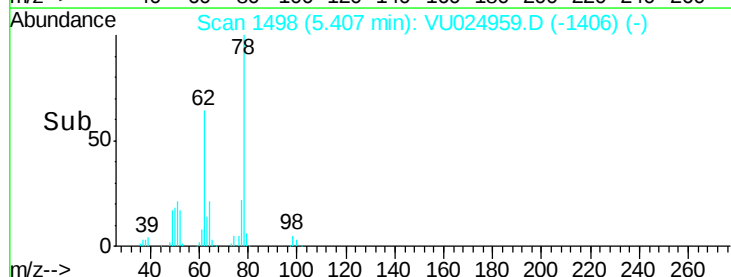
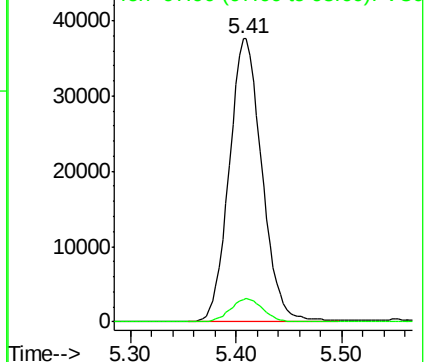
62 100

98 8.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 19.523 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

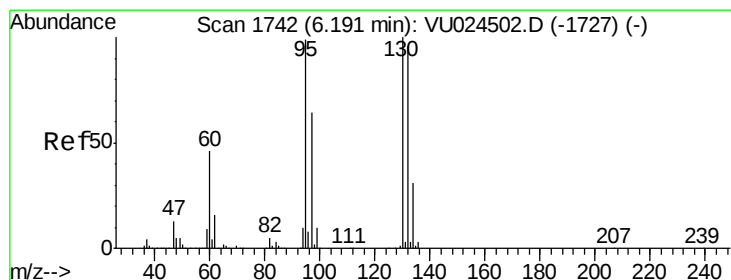
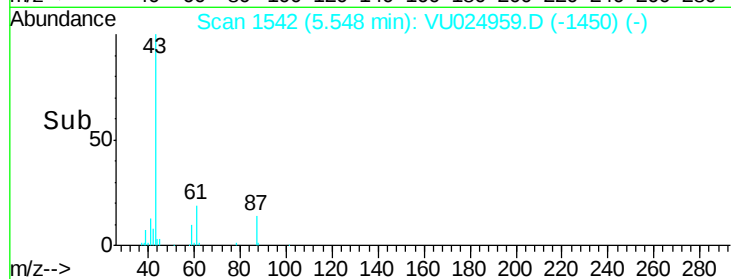
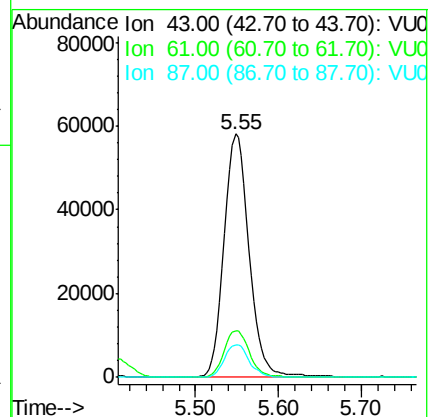
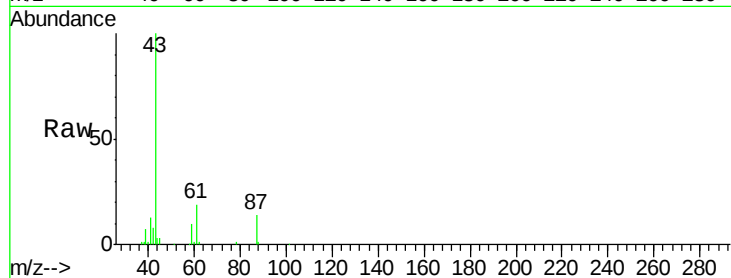
Tgt Ion: 43 Resp: 122267

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.0

87 13.2 10.0 15.0



#44

Trichloroethene

Concen: 19.919 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024959.D

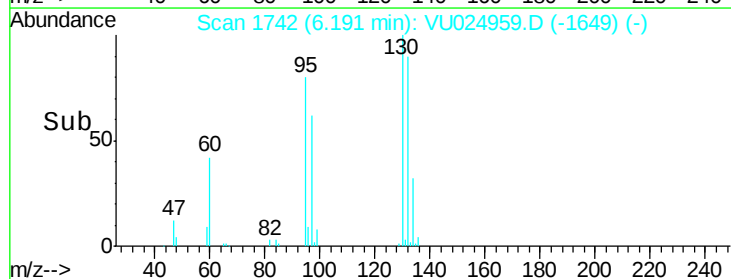
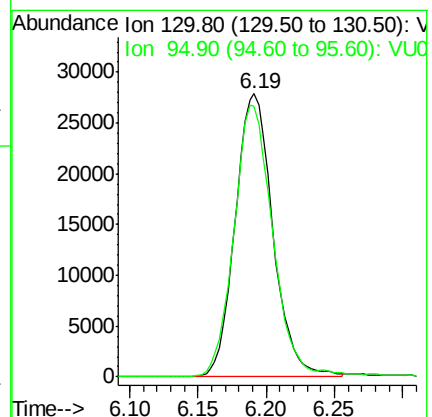
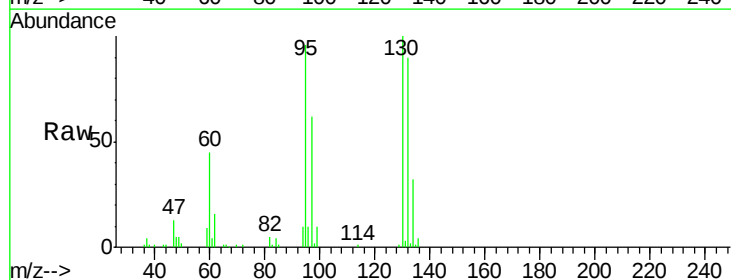
Acq: 27 Jun 2018 12:08

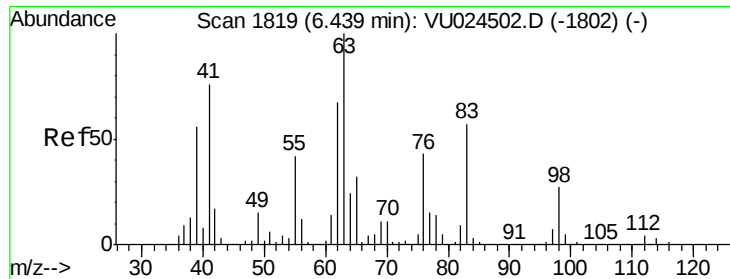
Tgt Ion: 130 Resp: 53696

Ion Ratio Lower Upper

130 100

95 95.8 0.0 202.4

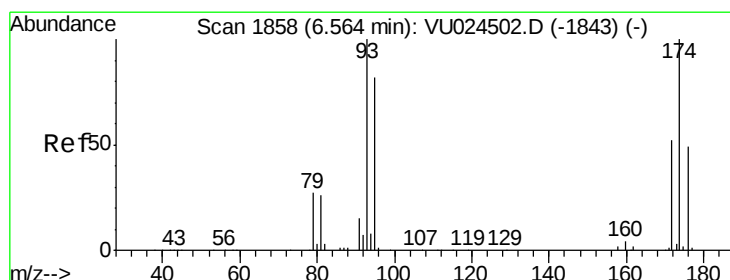
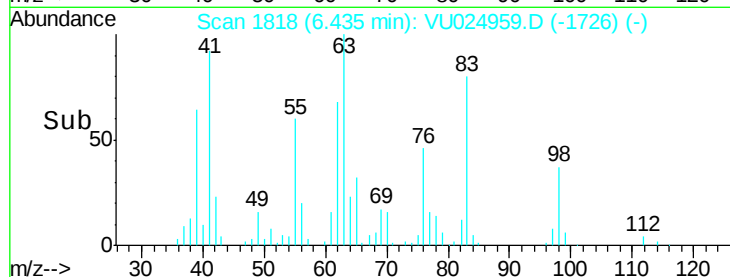
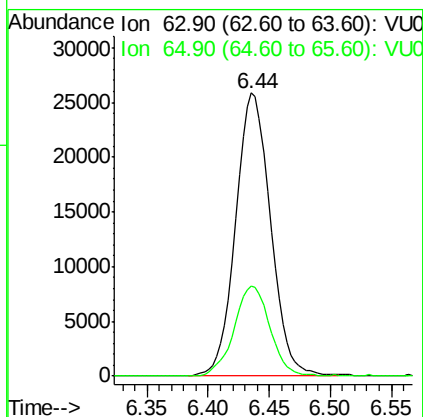
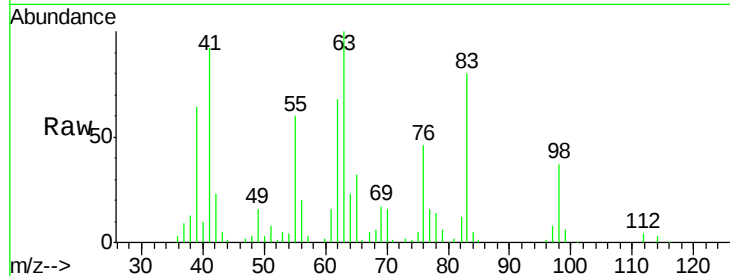




#45
 1,2-Dichloropropane
 Concen: 20.291 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

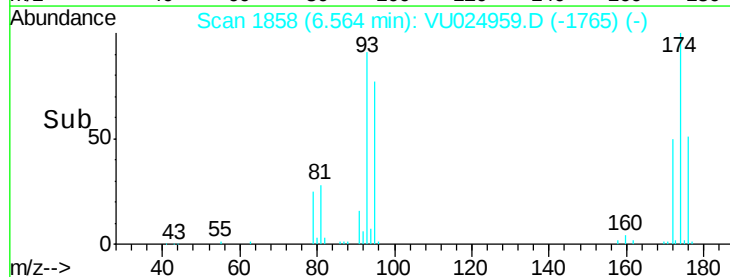
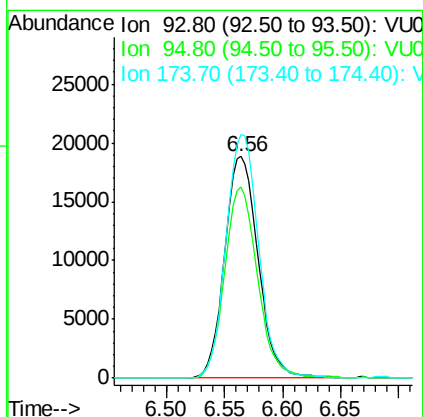
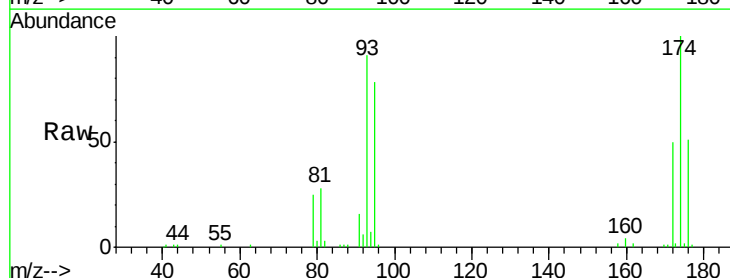
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS03

Tgt Ion: 63 Resp: 51282
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.8 37.2



#46
 Dibromomethane
 Concen: 21.215 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Tgt Ion: 93 Resp: 37662
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.5 98.3
 174 107.1 78.7 118.1





#47

Bromodichloromethane

Concen: 20.234 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

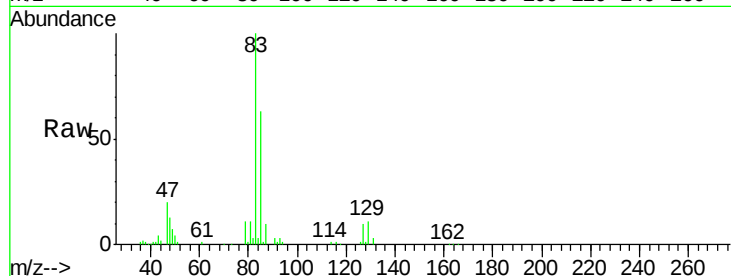
Tgt Ion: 83 Resp: 71527

Ion Ratio Lower Upper

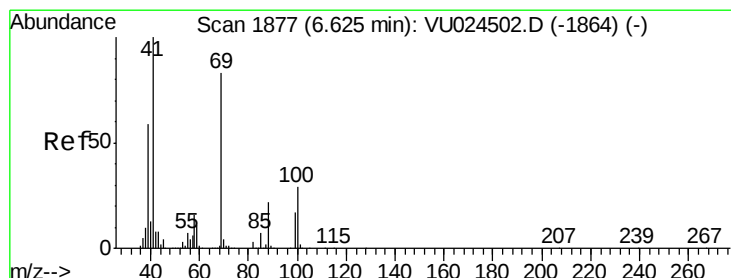
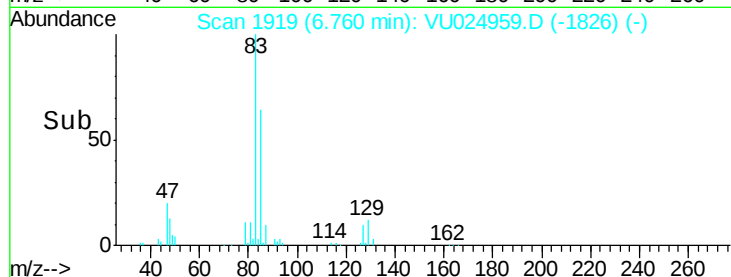
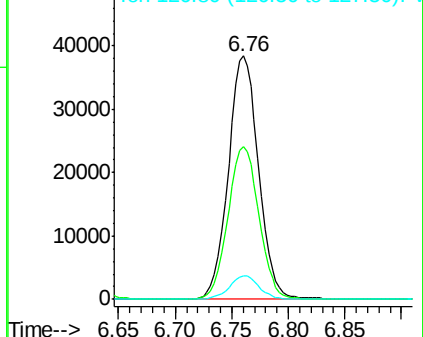
83 100

85 62.8 51.9 77.9

127 9.8 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: 20.573 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

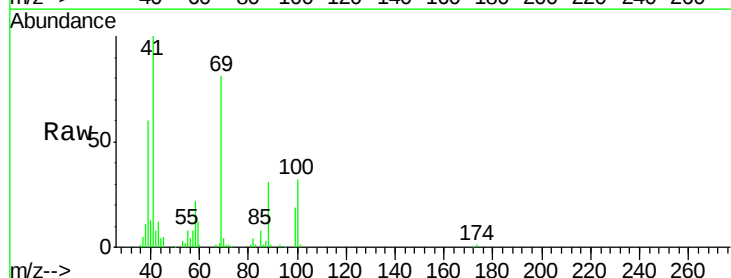
Tgt Ion: 41 Resp: 62738

Ion Ratio Lower Upper

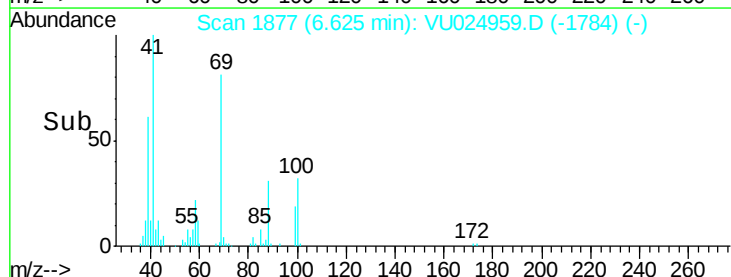
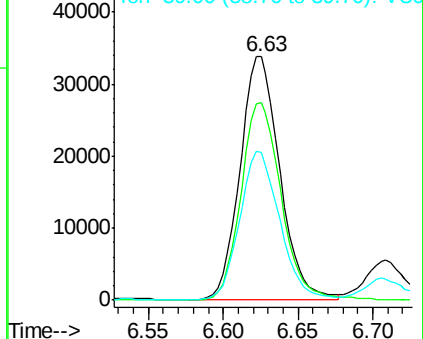
41 100

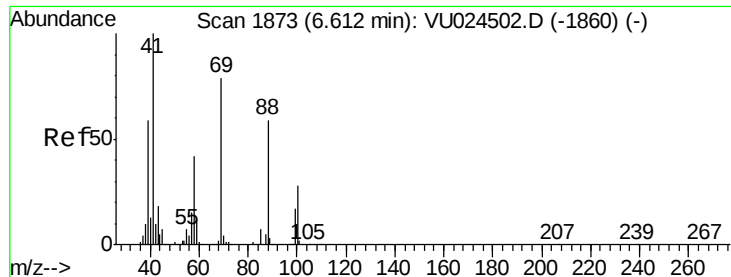
69 81.8 67.3 100.9

39 61.4 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

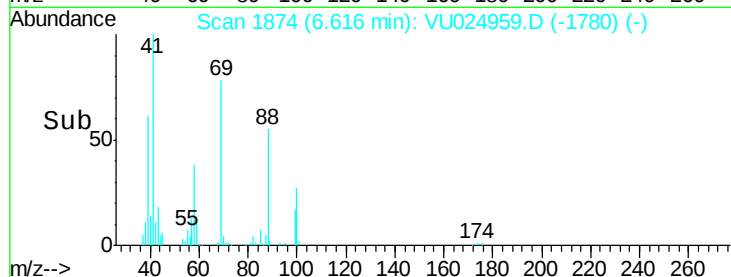
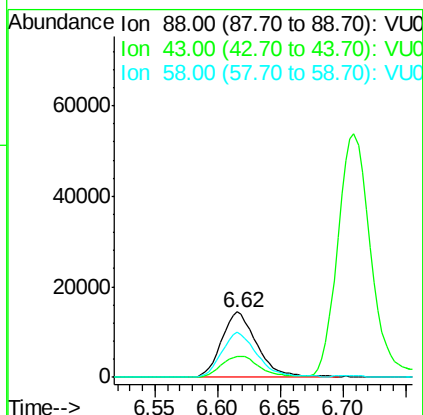
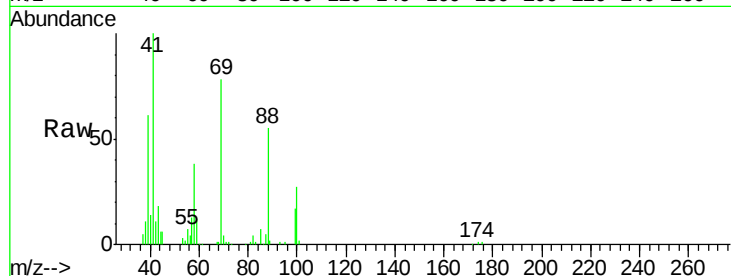




#49
 1,4-Dioxane
 Concen: 479.081 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

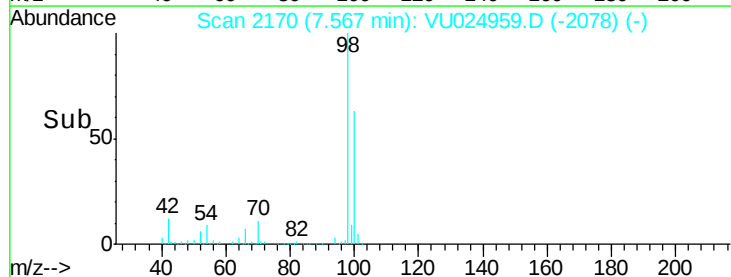
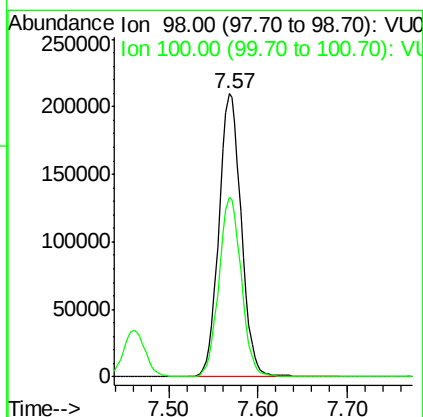
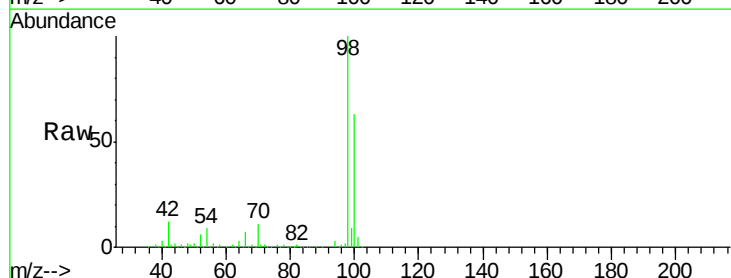
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS03

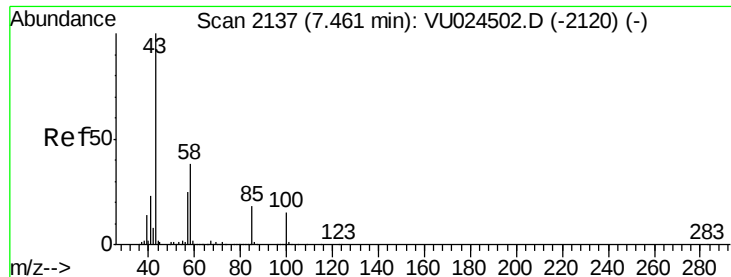
Tgt Ion: 88 Resp: 28571
 Ion Ratio Lower Upper
 88 100
 43 34.8 28.6 42.8
 58 67.7 58.2 87.4



#50
 Toluene-d8
 Concen: 42.526 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Tgt Ion: 98 Resp: 364172
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.1 76.7

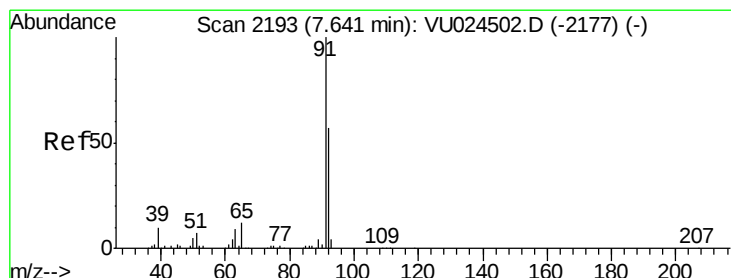
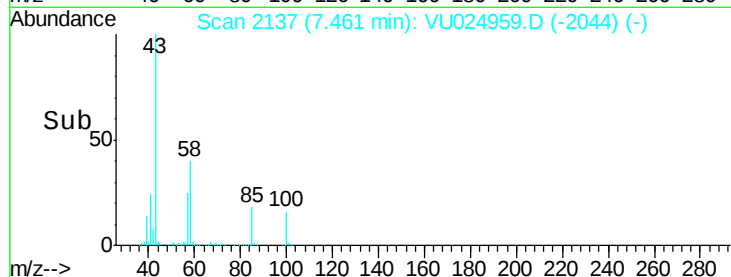
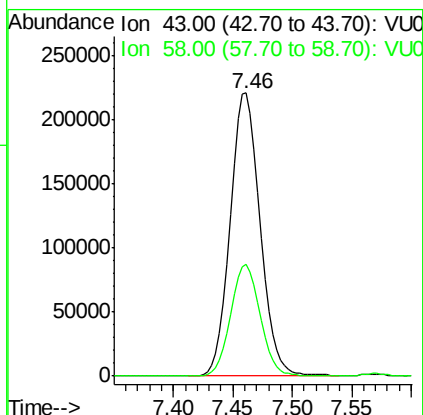
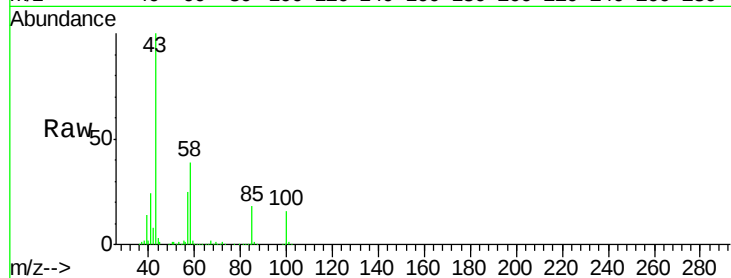




#51
 4-Methyl-2-Pentanone
 Concen: 97.810 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

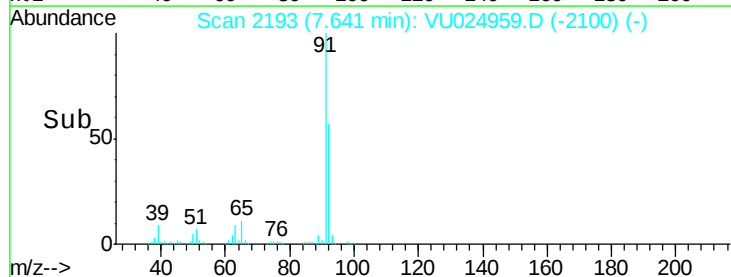
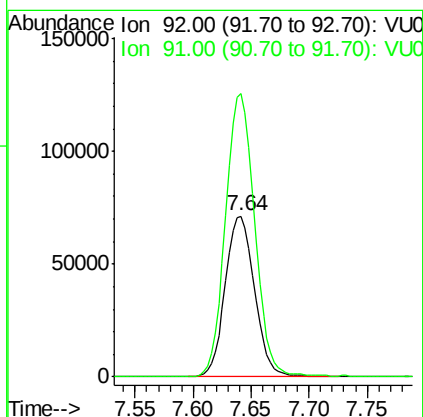
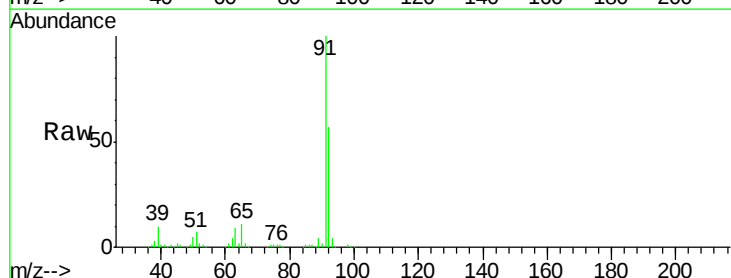
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS03

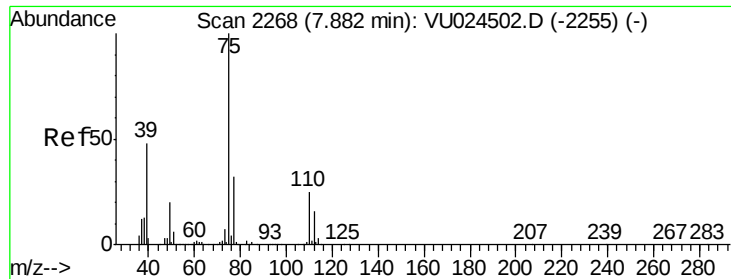
Tgt Ion: 43 Resp: 384834
 Ion Ratio Lower Upper
 43 100
 58 39.0 30.0 45.0



#52
 Toluene
 Concen: 20.469 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Tgt Ion: 92 Resp: 124734
 Ion Ratio Lower Upper
 92 100
 91 175.0 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 19.689 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

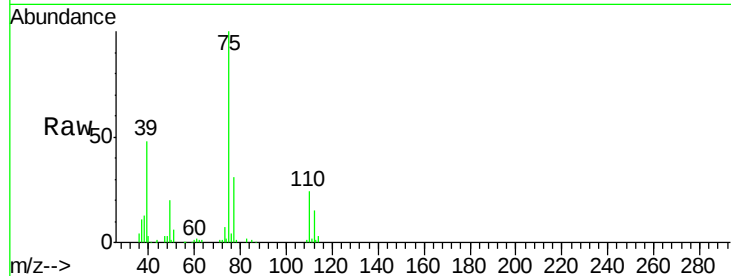
VU0627MBS03

Tgt Ion: 75 Resp: 78163

Ion Ratio Lower Upper

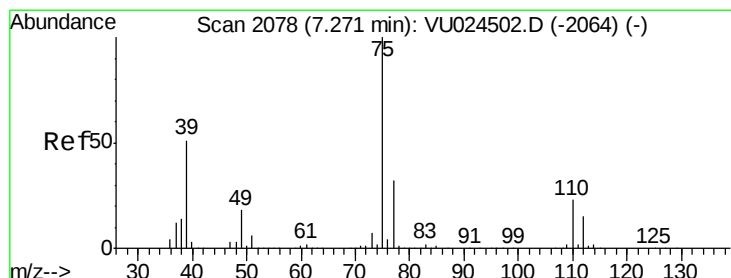
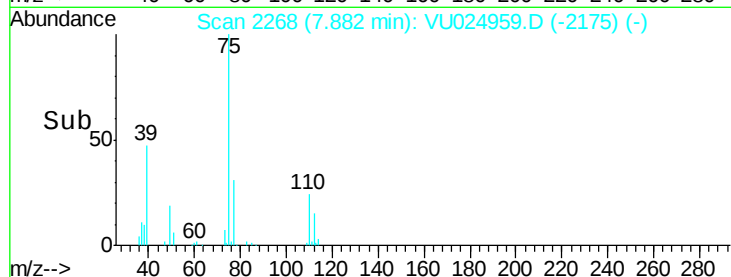
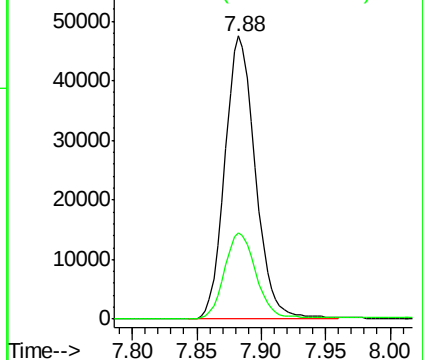
75 100

77 30.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.311 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

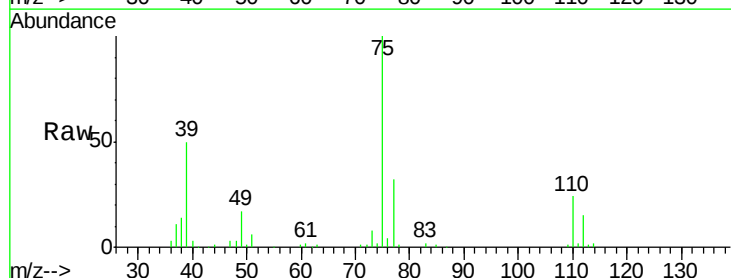
Tgt Ion: 75 Resp: 81689

Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

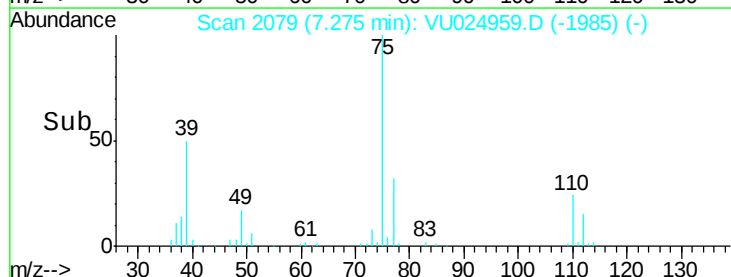
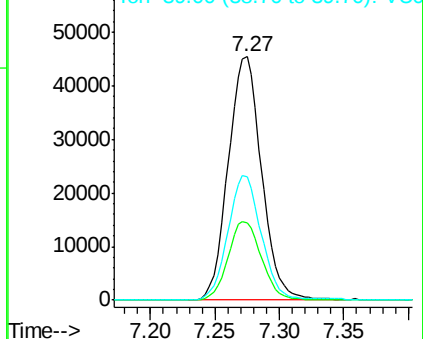
39 50.4 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

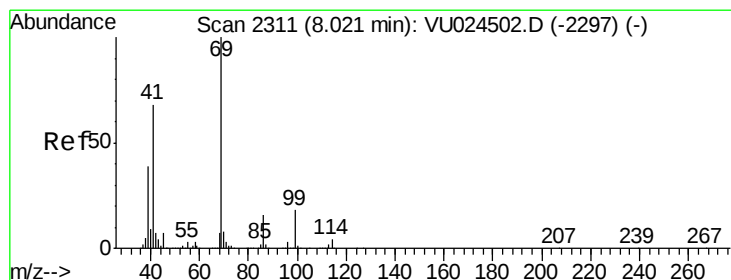
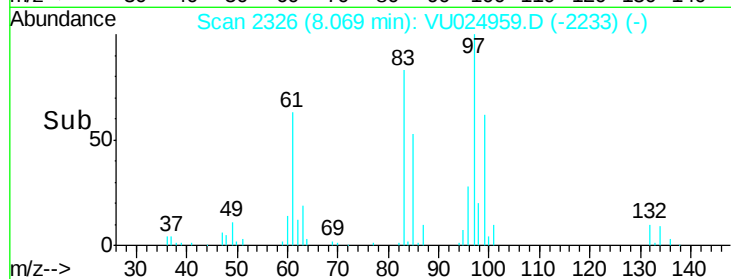
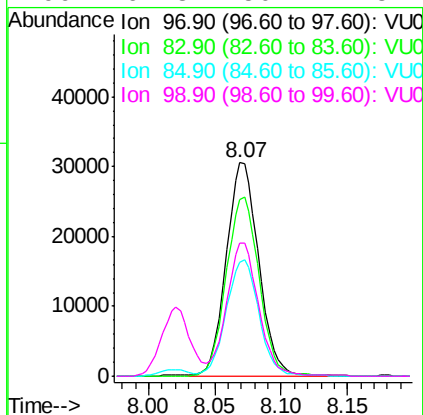
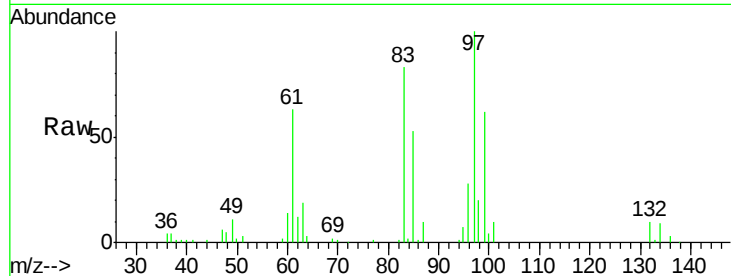




#55
1,1,2-Trichloroethane
Concen: 21.058 ug/l
RT: 8.07 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

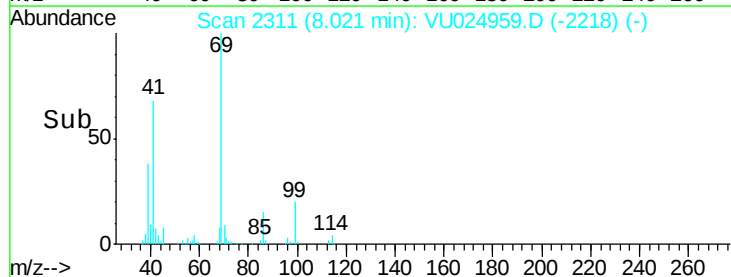
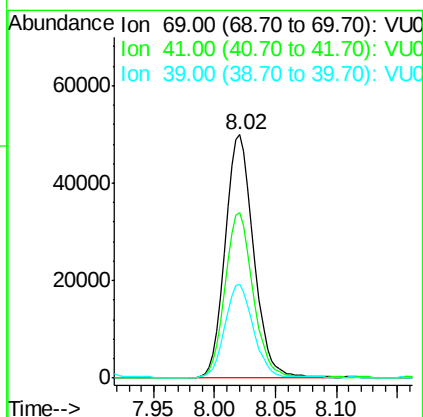
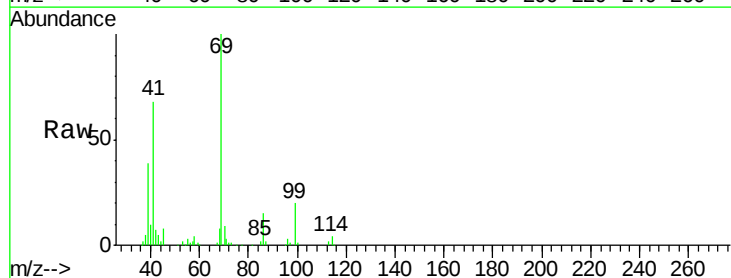
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

Tgt Ion:	97	Resp:	52162
Ion	Ratio	Lower	Upper
97	100		
83	83.0	70.5	105.7
85	53.2	46.4	69.6
99	61.8	50.2	75.2



#56
Ethyl methacrylate
Concen: 19.817 ug/l
RT: 8.02 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion:	69	Resp:	82162
Ion	Ratio	Lower	Upper
69	100		
41	66.4	54.1	81.1
39	38.0	30.3	45.5





#57

1,3-Dichloropropane

Concen: 21.260 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

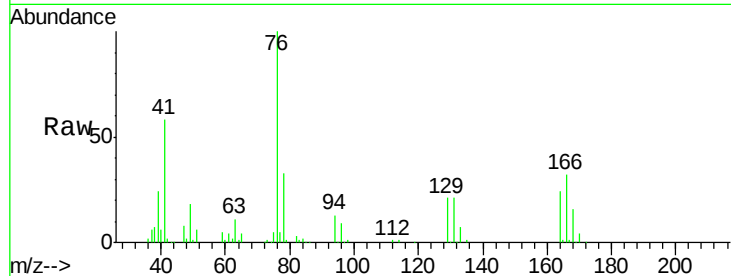
VU0627MBS03

Tgt Ion: 76 Resp: 88838

Ion Ratio Lower Upper

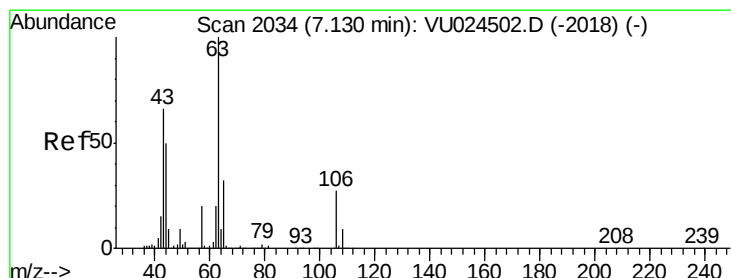
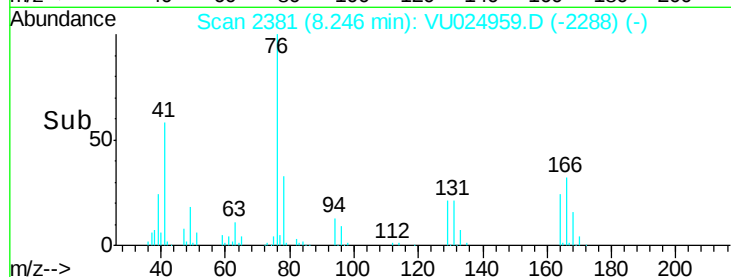
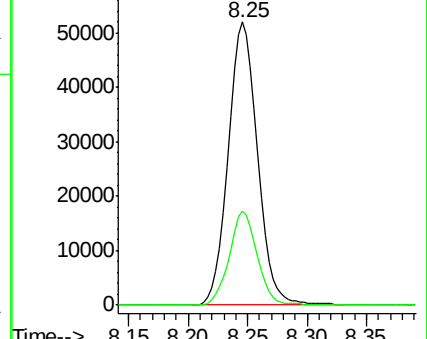
76 100

78 31.6 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 20.995 ug/l

RT: 7.13 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU024959.D

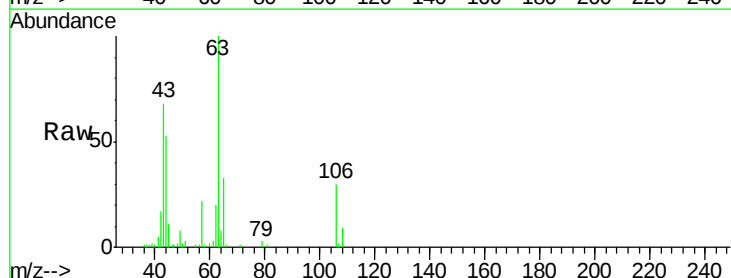
Acq: 27 Jun 2018 12:08

Tgt Ion: 63 Resp: 33348

Ion Ratio Lower Upper

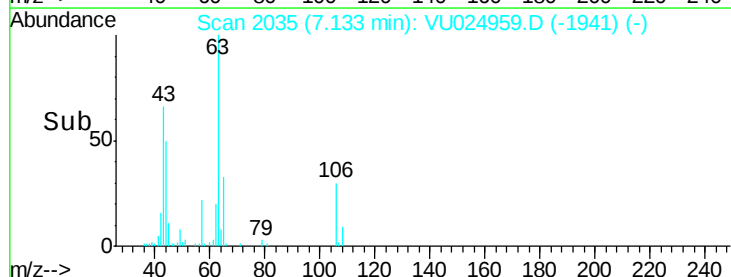
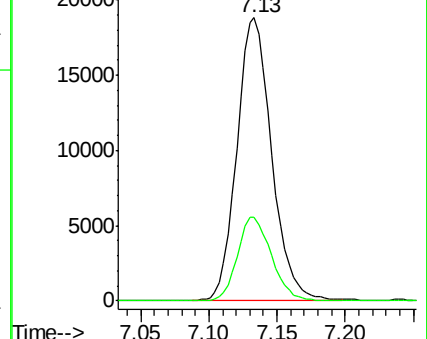
63 100

106 28.8 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

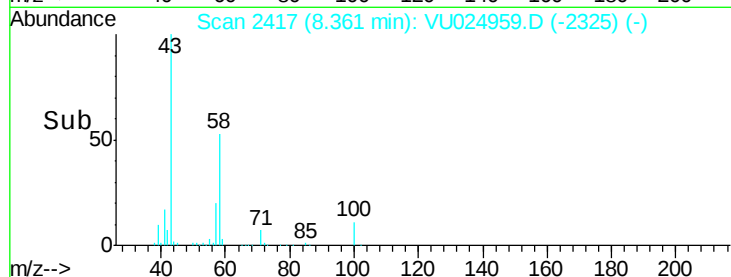
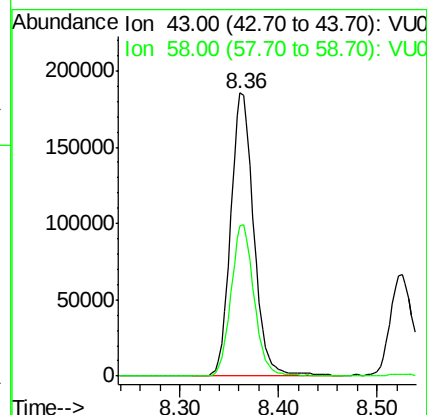
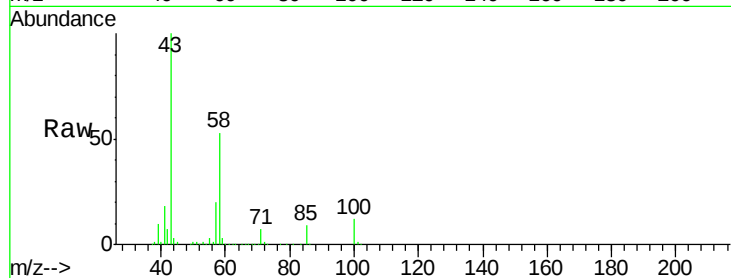




#59
2-Hexanone
Concen: 95.057 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

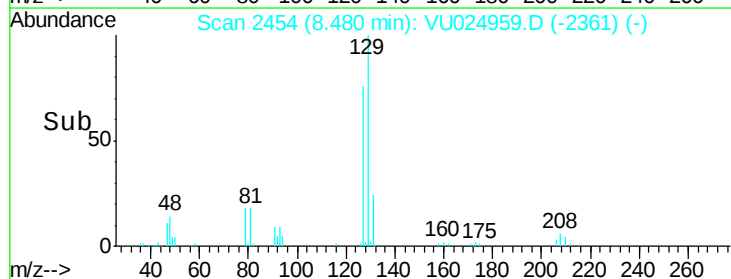
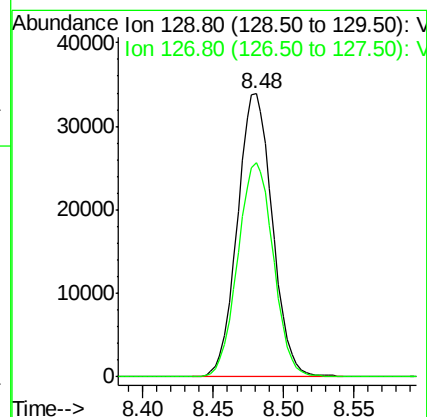
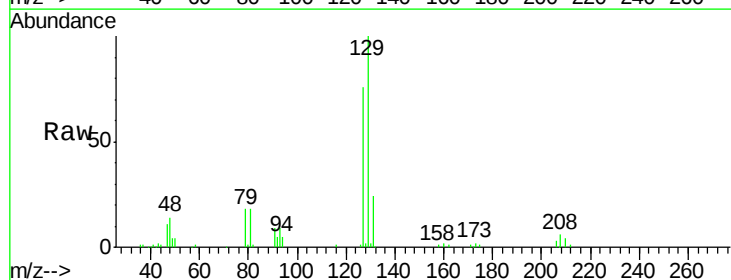
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

Tgt Ion: 43 Resp: 305337
Ion Ratio Lower Upper
43 100
58 53.6 26.4 79.0



#60
Dibromochloromethane
Concen: 19.110 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion: 129 Resp: 59031
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.022 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

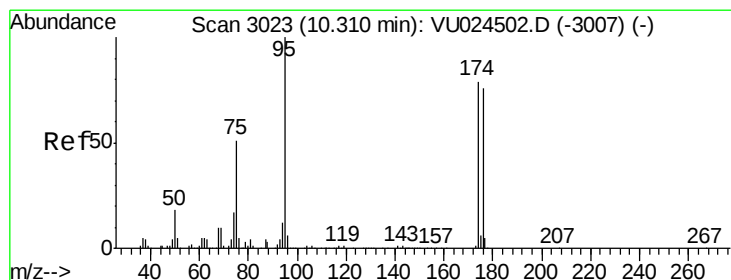
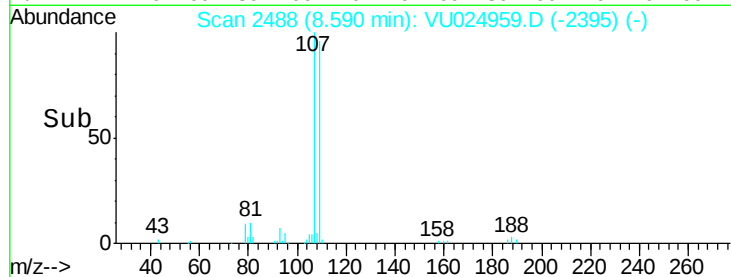
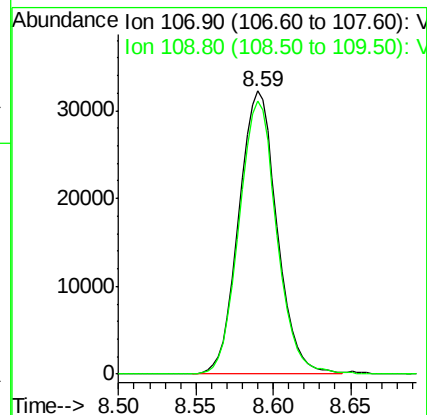
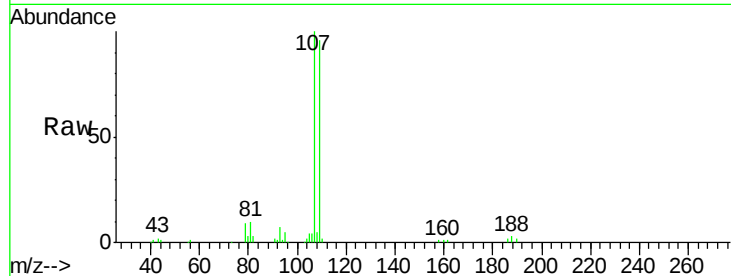
VU0627MBS03

Tgt Ion: 107 Resp: 55202

Ion Ratio Lower Upper

107 100

109 95.4 74.5 111.7



#62

4-Bromofluorobenzene

Concen: 42.835 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

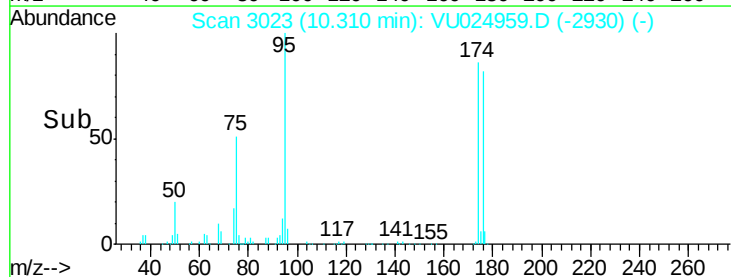
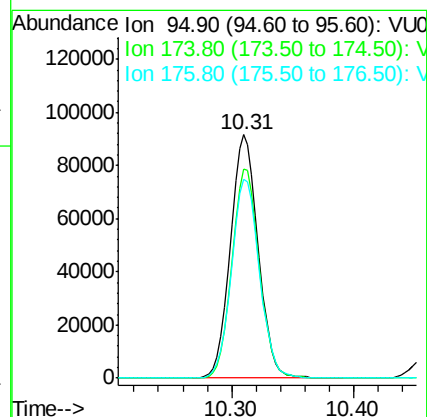
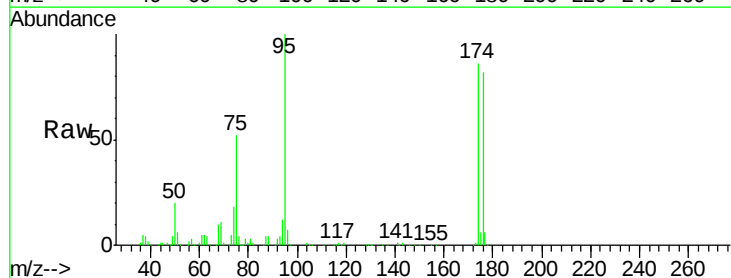
Tgt Ion: 95 Resp: 145642

Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.8

176 82.5 0.0 159.4

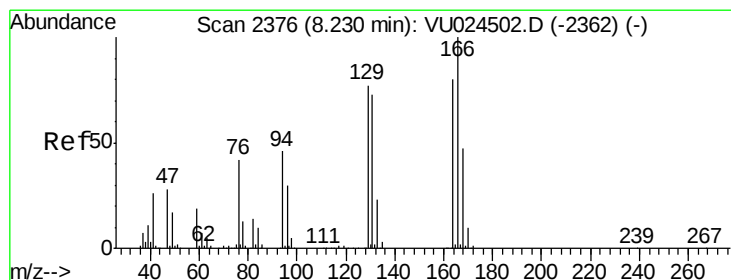
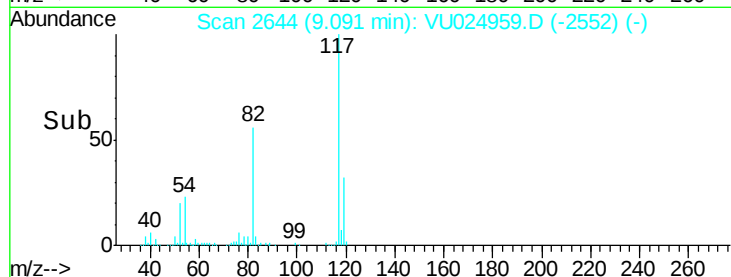
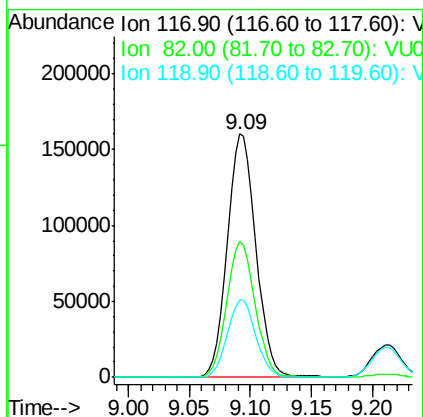
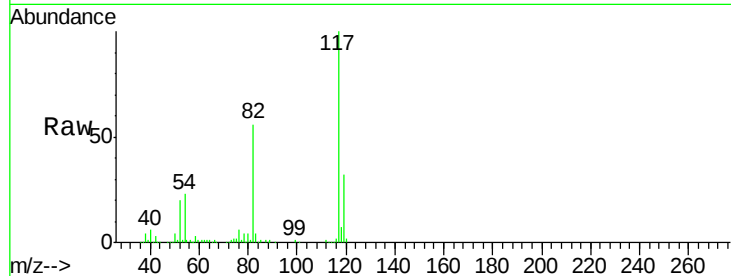




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

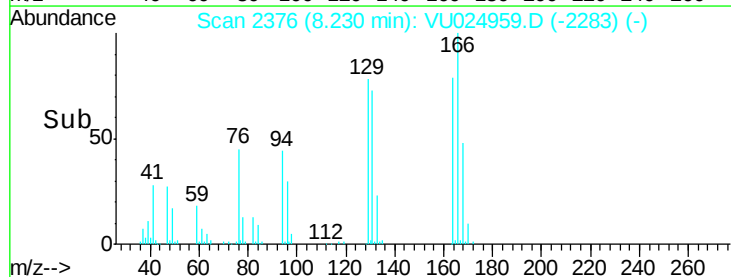
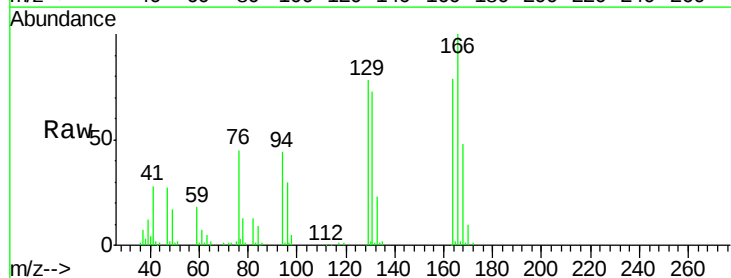
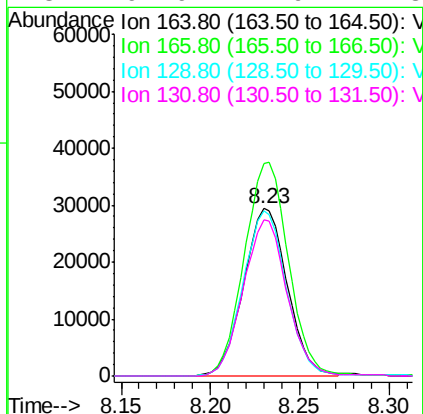
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

Tgt Ion:117 Resp: 263539
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 20.089 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion:164 Resp: 50323
Ion Ratio Lower Upper
164 100
166 127.0 101.7 152.5
129 98.5 76.9 115.3
131 92.9 74.9 112.3

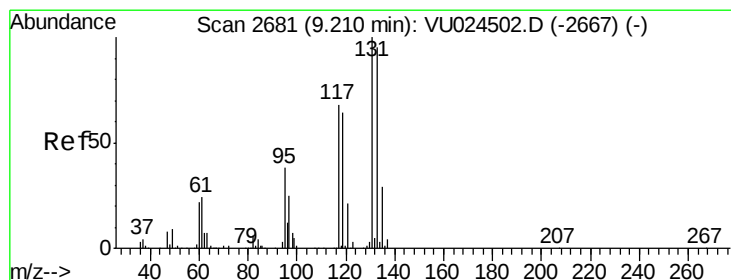
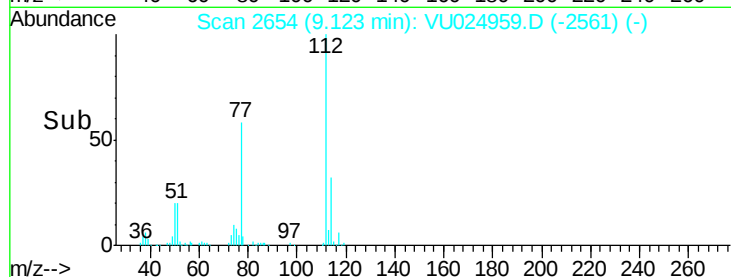
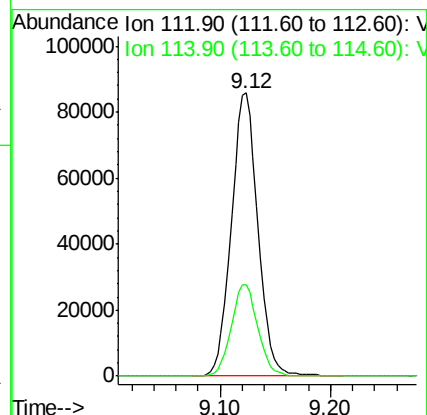
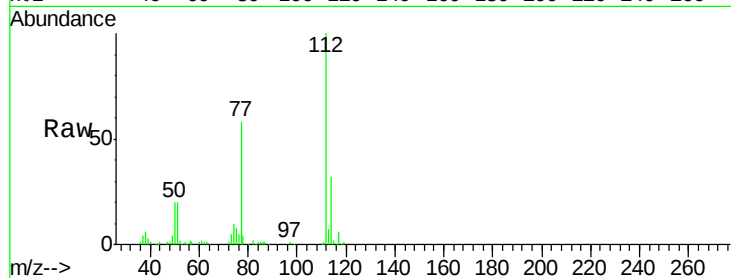




#65
Chlorobenzene
Concen: 21.273 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

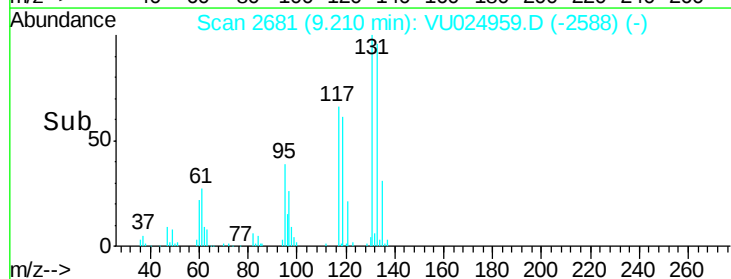
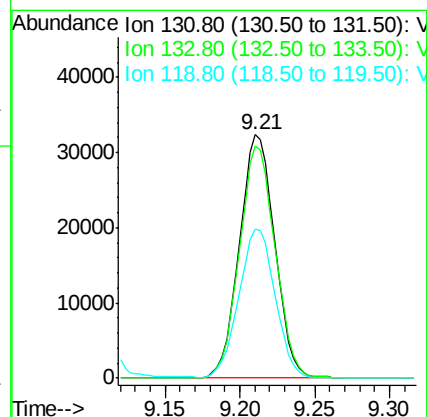
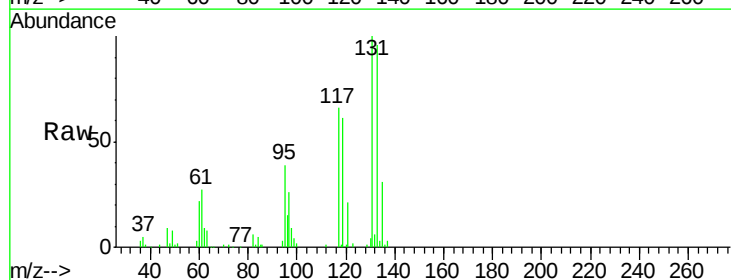
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

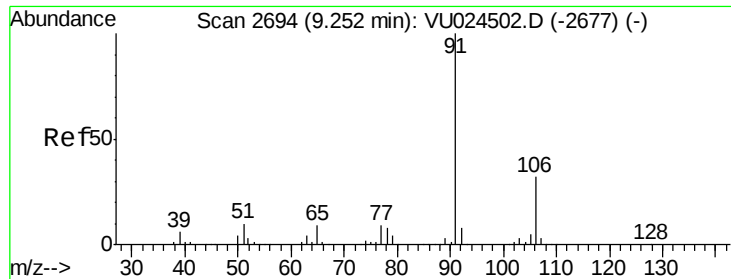
Tgt Ion:112 Resp: 143222
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.850 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion:131 Resp: 53331
Ion Ratio Lower Upper
131 100
133 96.1 46.9 140.8
119 62.8 33.5 100.4

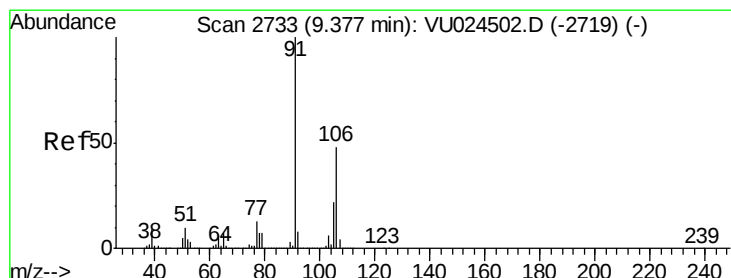
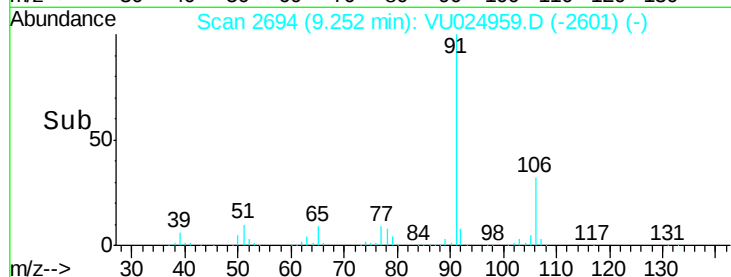
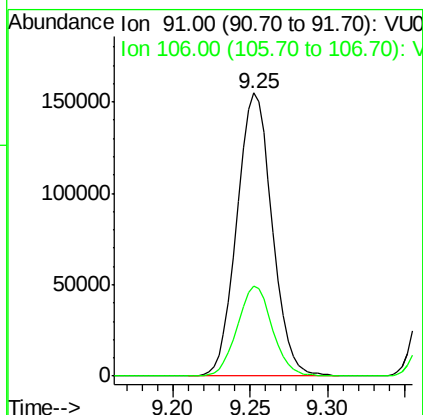
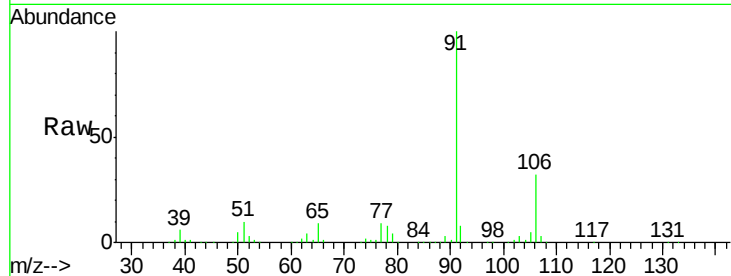




#67
Ethyl Benzene
Concen: 20.795 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

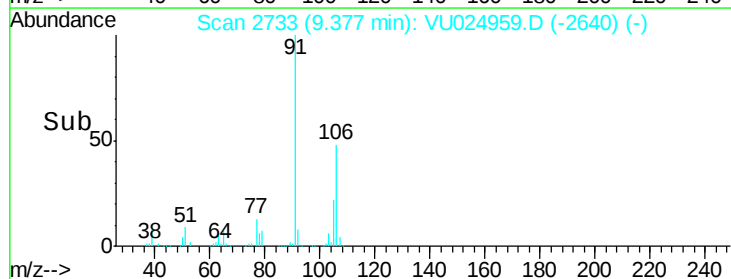
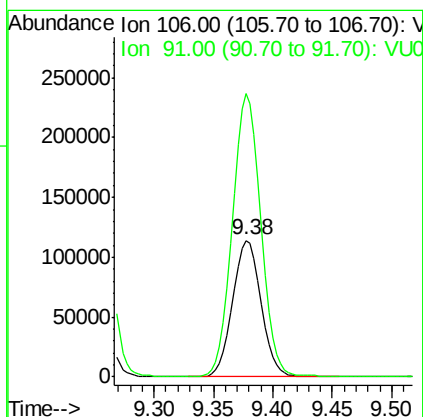
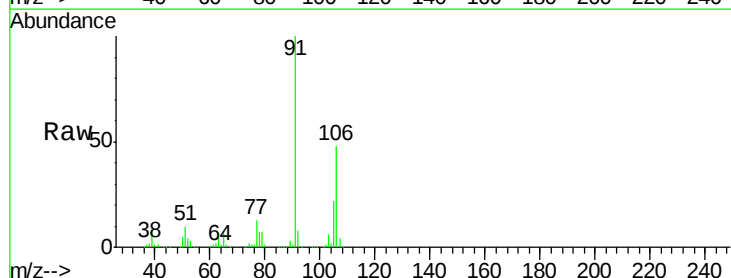
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

Tgt Ion: 91 Resp: 245433
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4



#68
m/p-Xylenes
Concen: 41.782 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion: 106 Resp: 189365
Ion Ratio Lower Upper
106 100
91 205.9 166.5 249.7

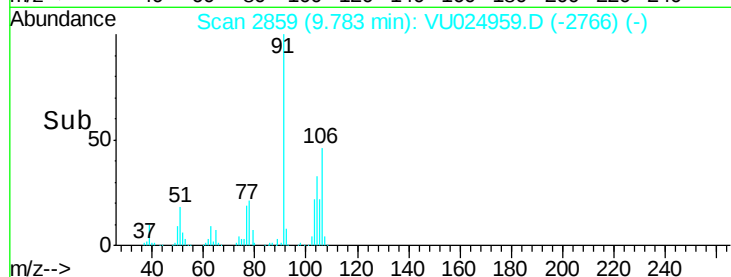
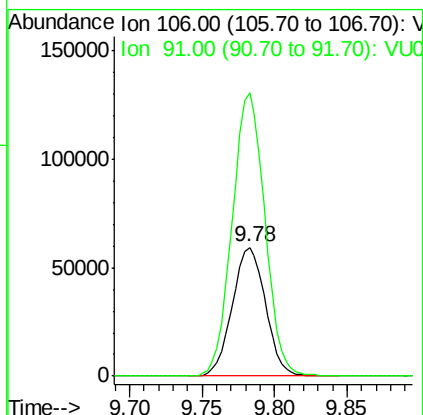
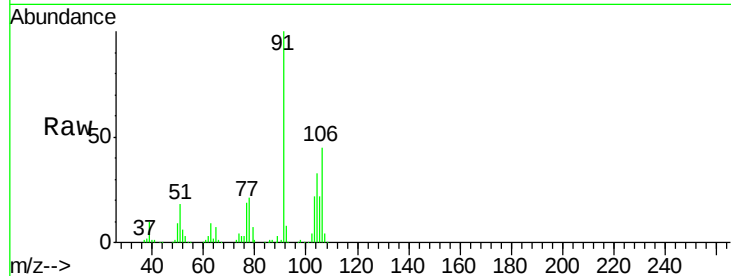




#69
o-Xylene
Concen: 21.062 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

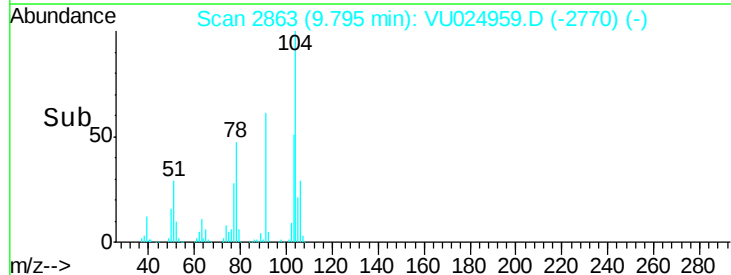
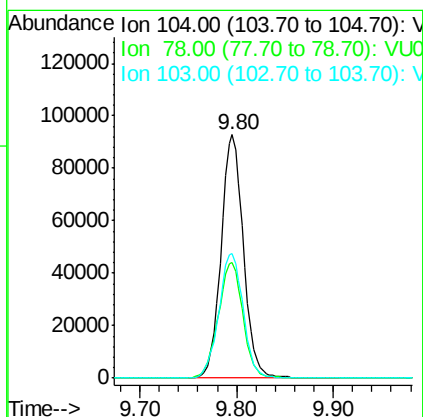
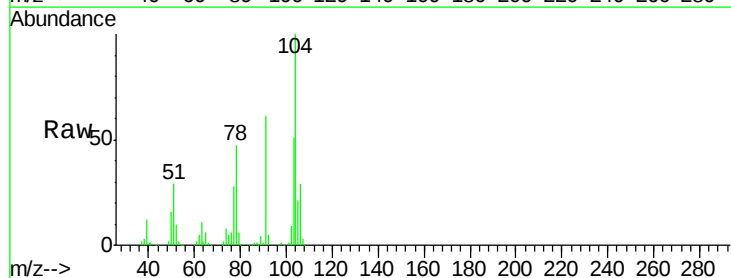
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

Tgt Ion:106 Resp: 94471
Ion Ratio Lower Upper
106 100
91 216.8 110.7 331.9



#70
Styrene
Concen: 20.154 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion:104 Resp: 148550
Ion Ratio Lower Upper
104 100
78 52.4 40.6 60.8
103 55.7 44.7 67.1





#71

Bromoform

Concen: 18.613 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

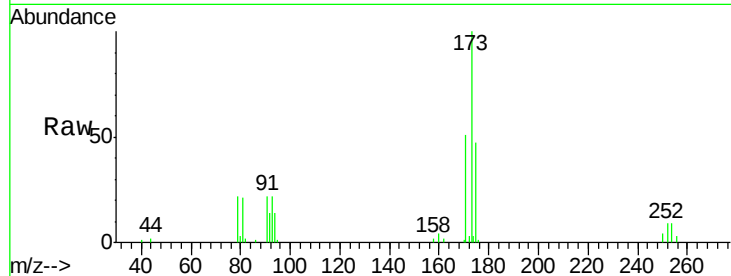
Tgt Ion:173 Resp: 45252

Ion Ratio Lower Upper

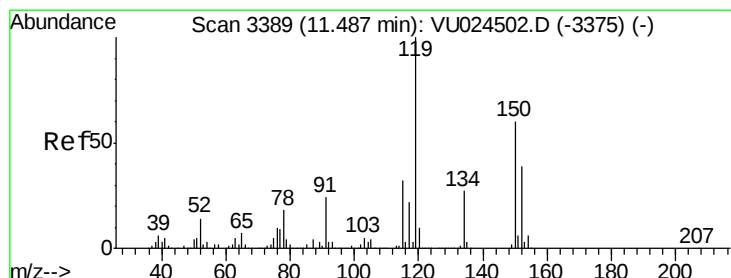
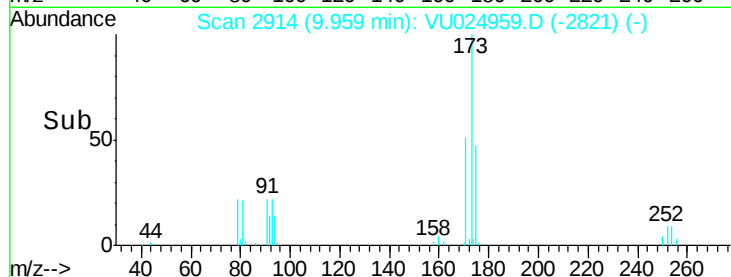
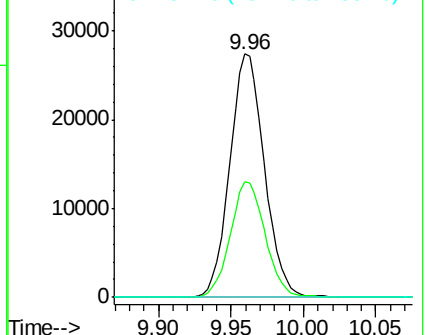
173 100

175 48.0 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: VU024959.D

Acq: 27 Jun 2018 12:08

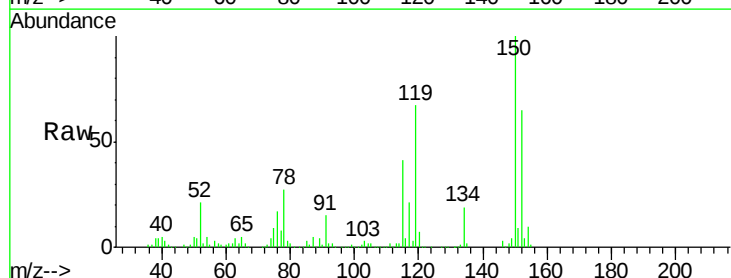
Tgt Ion:152 Resp: 155690

Ion Ratio Lower Upper

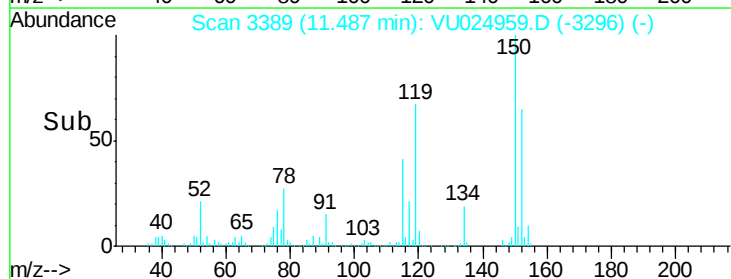
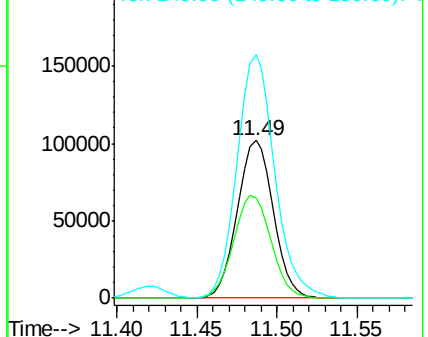
152 100

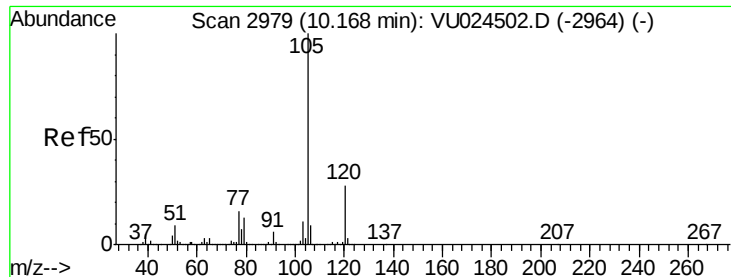
115 67.9 43.0 129.0

150 162.4 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: 21.300 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

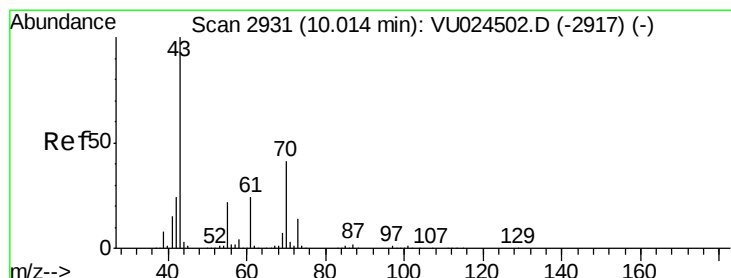
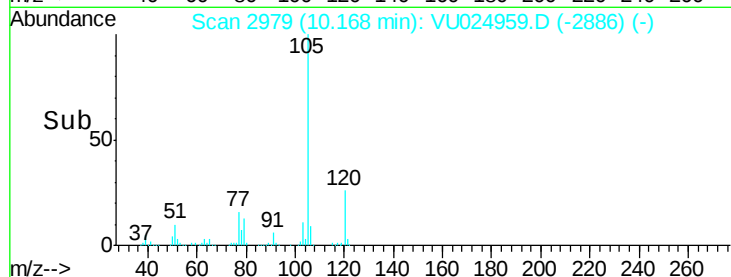
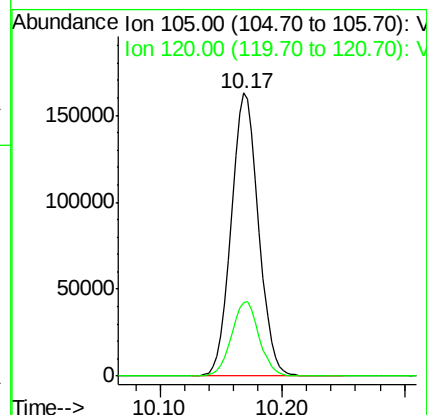
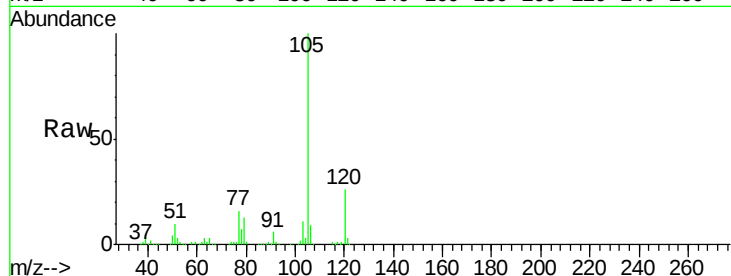
VU0627MBS03

Tgt Ion:105 Resp: 254608

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 18.509 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Tgt Ion: 43 Resp: 105236

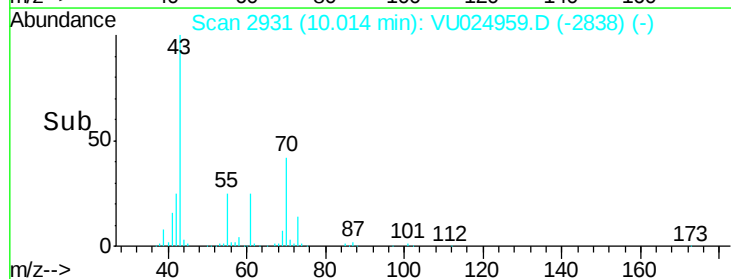
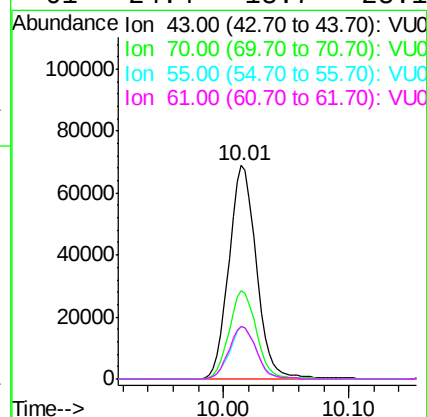
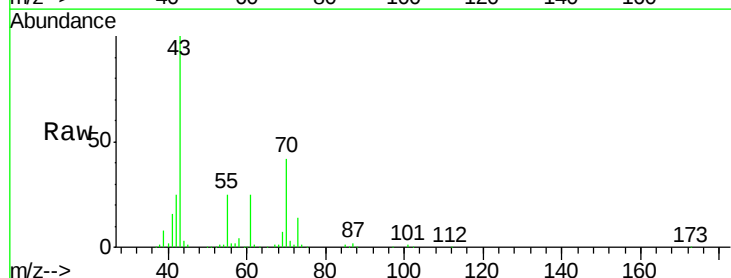
Ion Ratio Lower Upper

43 100

70 41.0 32.2 48.4

55 24.1 20.5 30.7

61 24.4 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.832 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

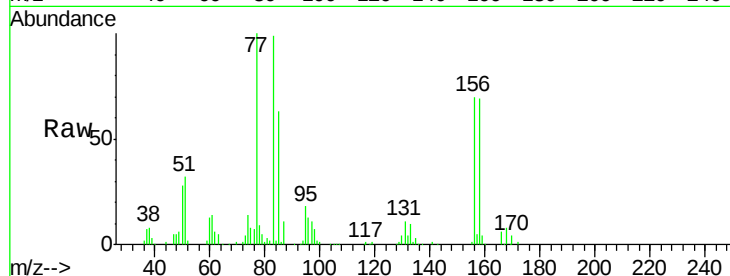
Tgt Ion: 83 Resp: 83444

Ion Ratio Lower Upper

83 100

131 10.9 4.7 14.1

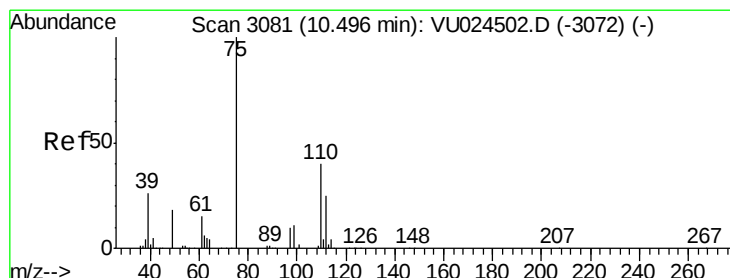
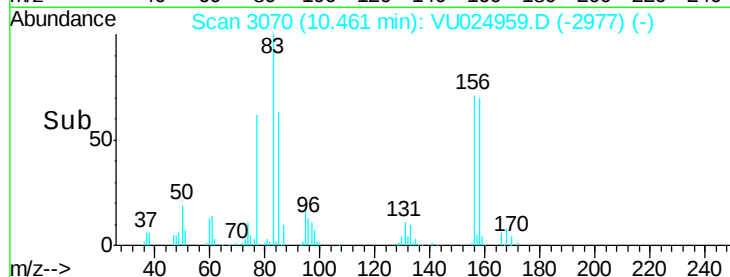
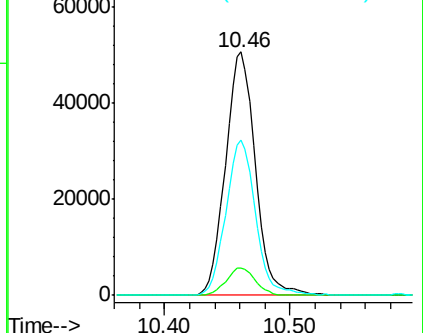
85 63.3 32.5 97.5



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: 28.515 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024959.D

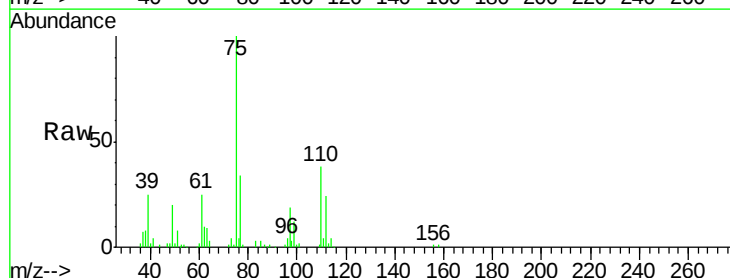
Acq: 27 Jun 2018 12:08

Tgt Ion: 75 Resp: 97740

Ion Ratio Lower Upper

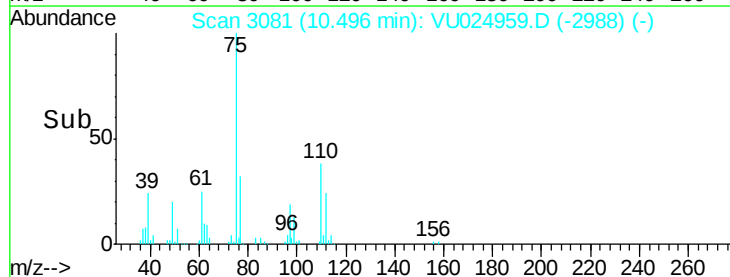
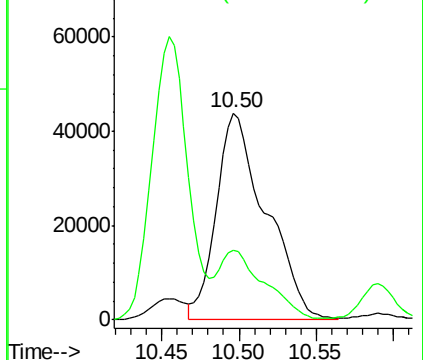
75 100

77 30.2 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: 21.731 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

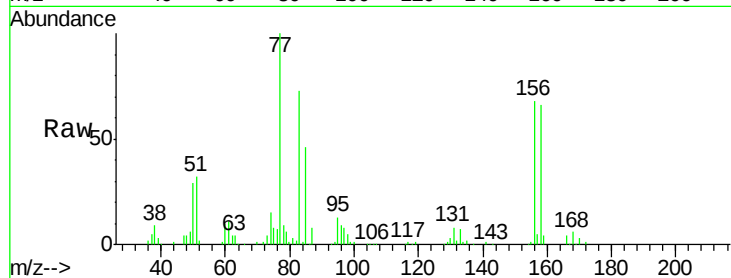
Tgt Ion:156 Resp: 65761

Ion Ratio Lower Upper

156 100

77 147.0 80.5 241.3

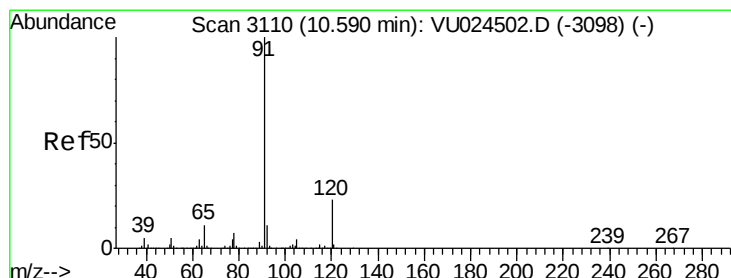
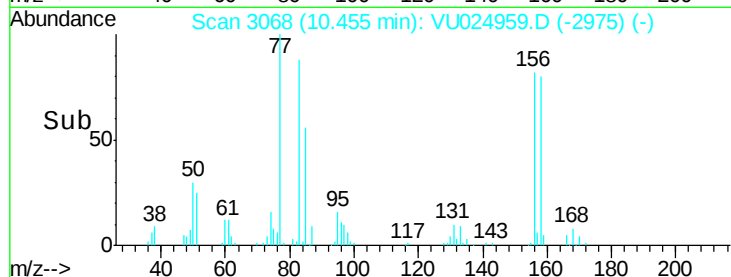
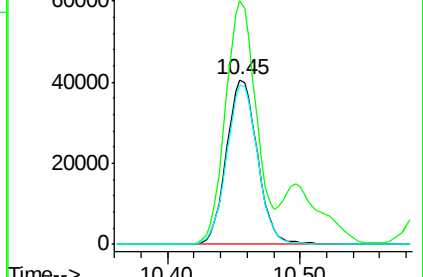
158 96.9 48.2 144.6



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: 20.213 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024959.D

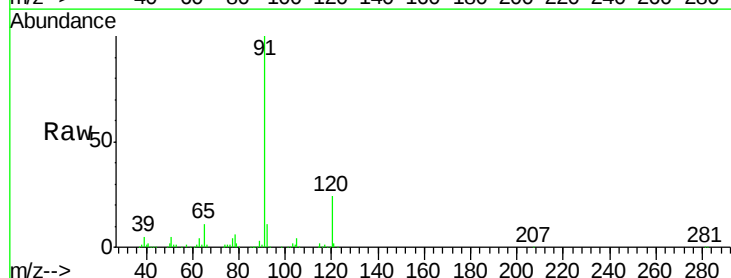
Acq: 27 Jun 2018 12:08

Tgt Ion: 91 Resp: 284610

Ion Ratio Lower Upper

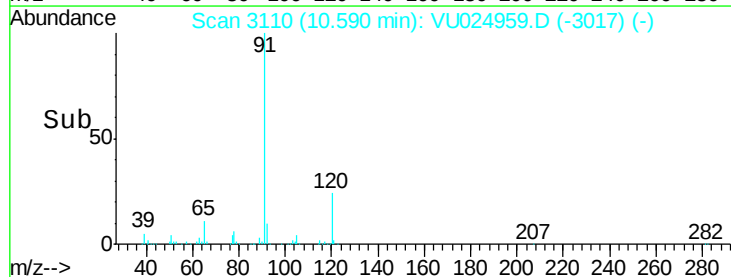
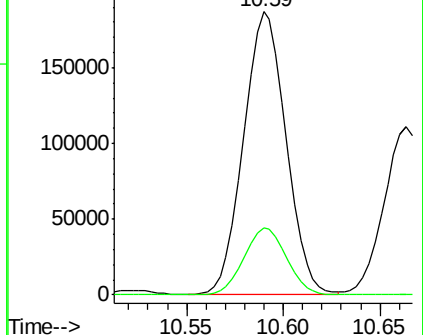
91 100

120 23.7 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: 20.922 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

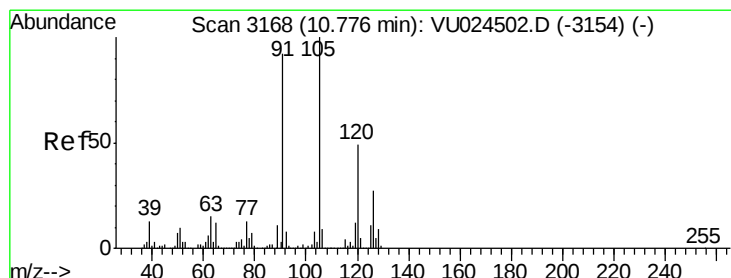
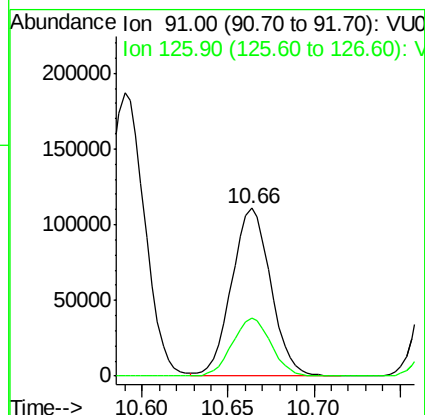
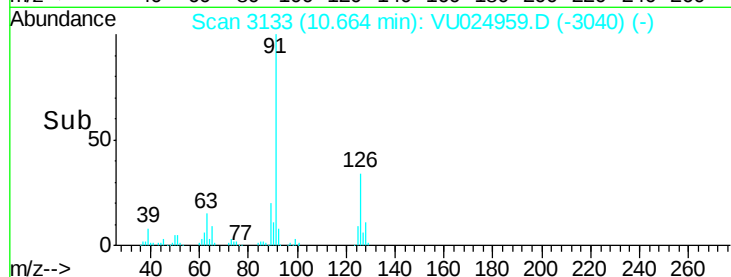
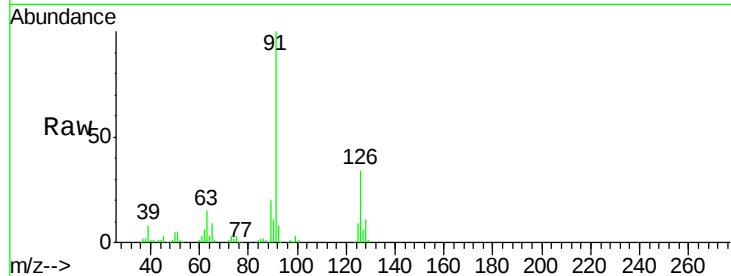
VU0627MBS03

Tgt Ion: 91 Resp: 173729

Ion Ratio Lower Upper

91 100

126 34.5 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 21.402 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024959.D

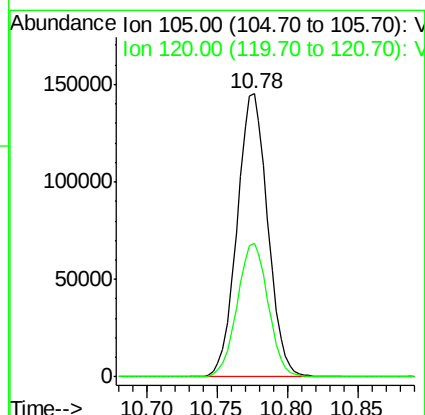
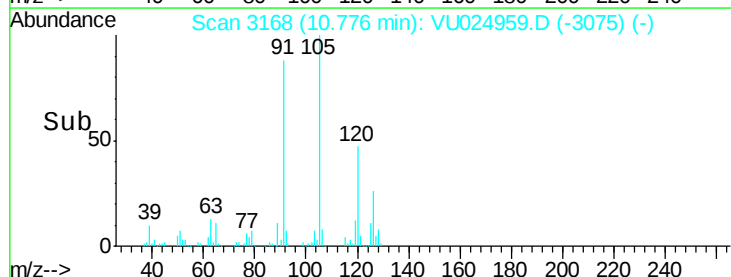
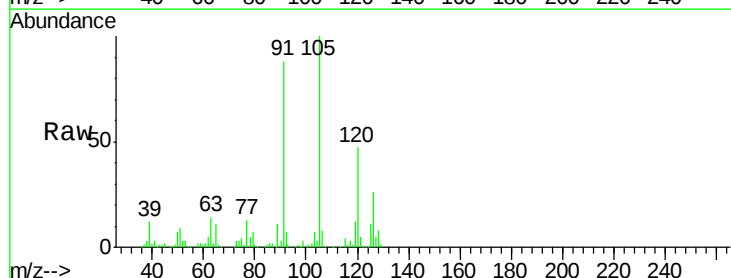
Acq: 27 Jun 2018 12:08

Tgt Ion: 105 Resp: 221731

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.2

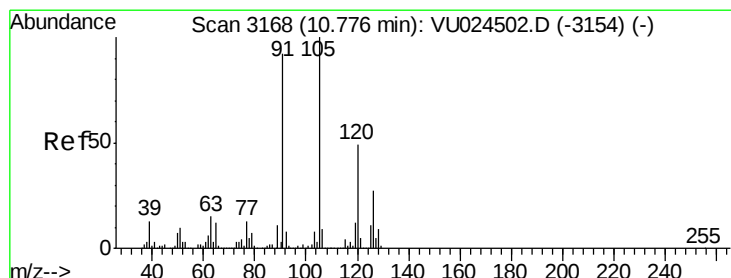
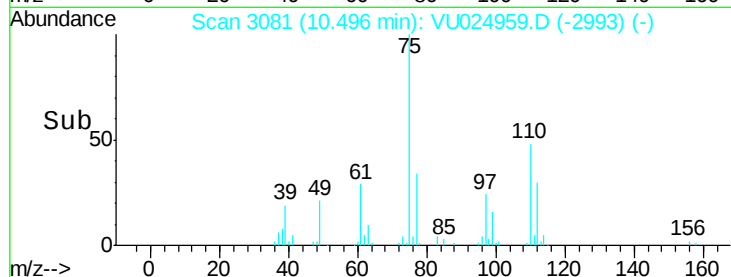
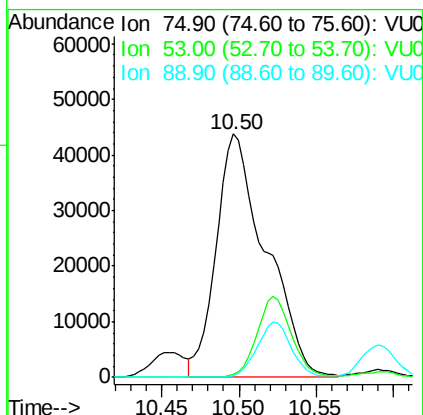
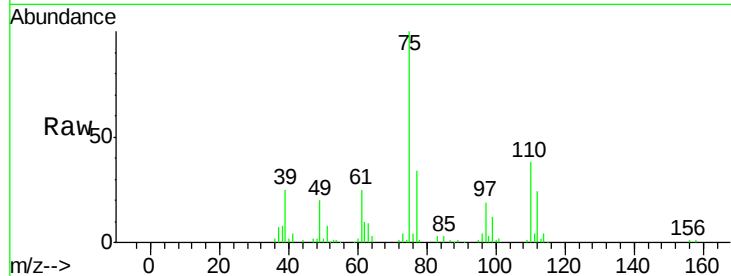




#81
trans-1,4-Dichloro-2-butene
Concen: 65.994 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

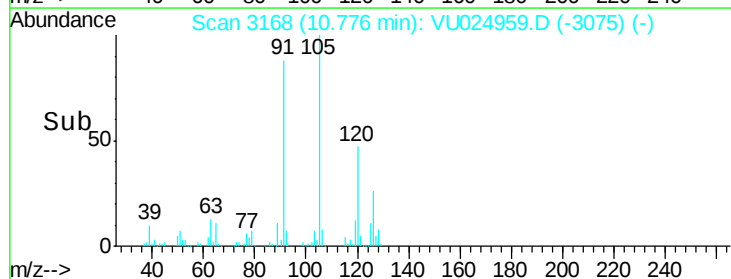
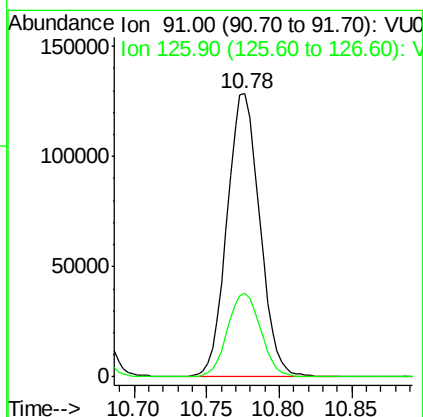
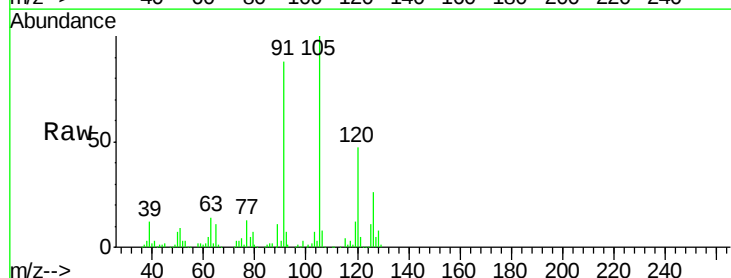
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

Tgt Ion: 75 Resp: 97740
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.725 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion: 91 Resp: 200297
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.9





#83

tert-Butylbenzene

Concen: 21.917 ug/l

RT: 11.10 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

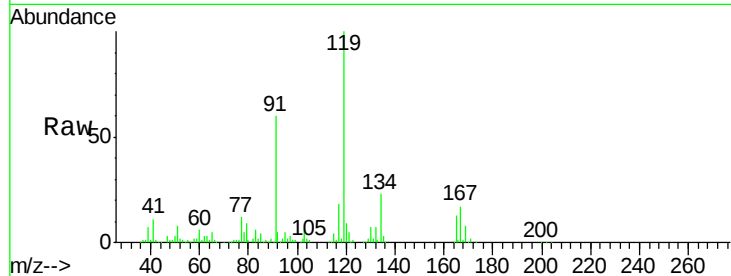
Tgt Ion:119 Resp: 218419

Ion Ratio Lower Upper

119 100

91 60.1 29.7 89.1

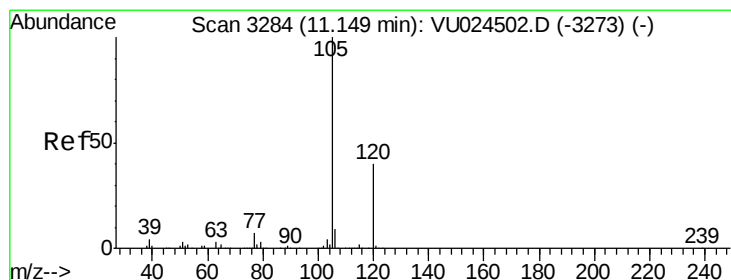
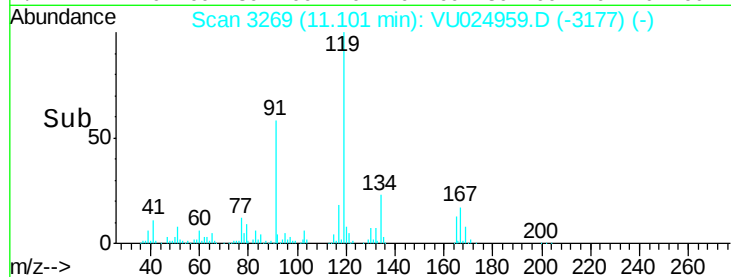
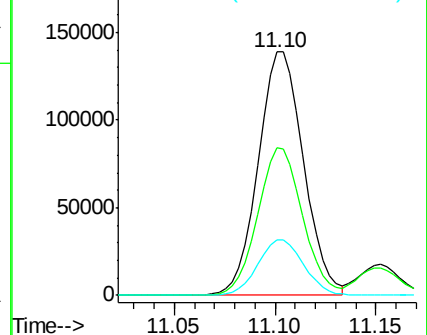
134 23.1 11.6 34.7



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: 21.048 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024959.D

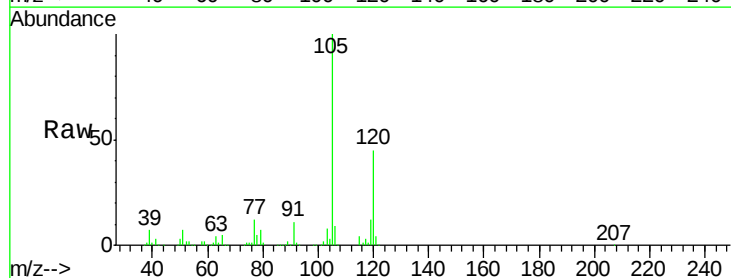
Acq: 27 Jun 2018 12:08

Tgt Ion:105 Resp: 222230

Ion Ratio Lower Upper

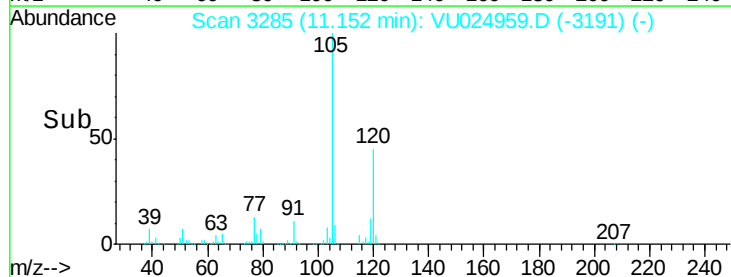
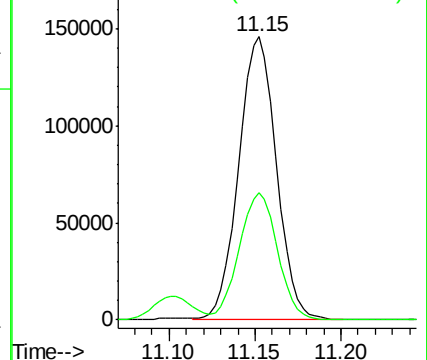
105 100

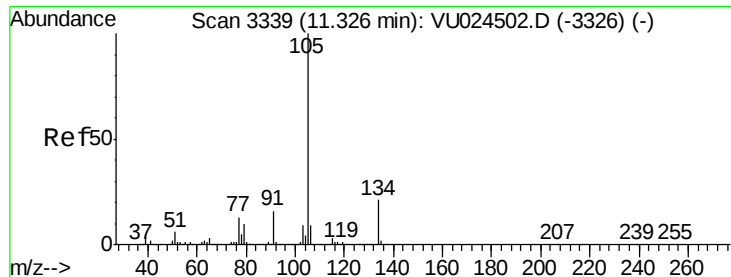
120 45.6 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.078 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

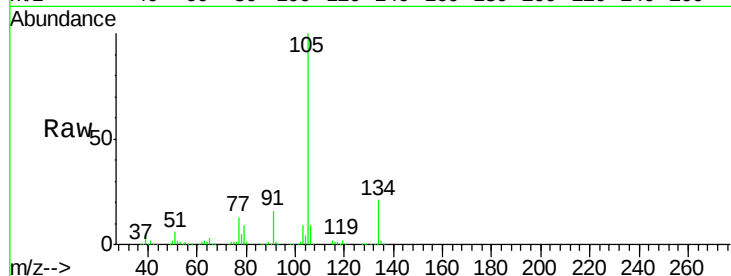
VU0627MBS03

Tgt Ion:105 Resp: 262938

Ion Ratio Lower Upper

105 100

134 20.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

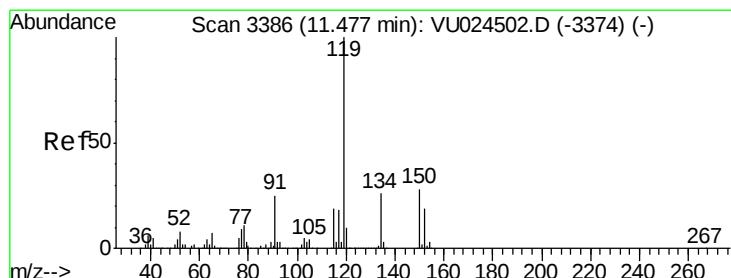
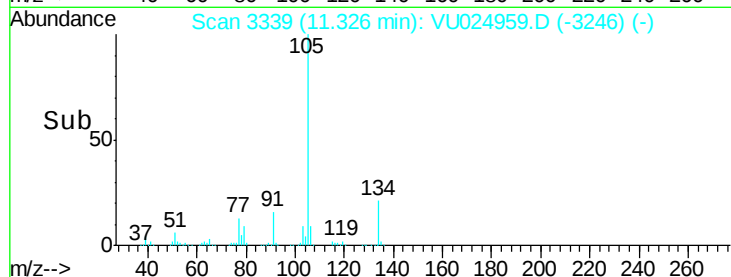
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.831 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

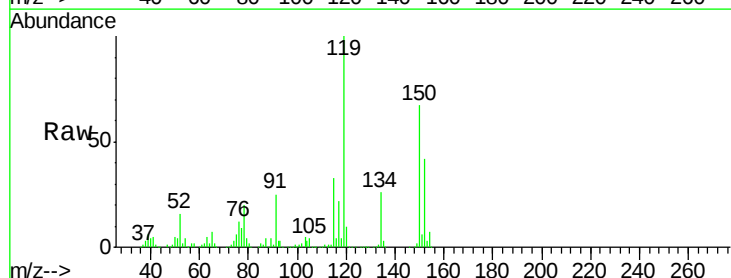
Tgt Ion:119 Resp: 232732

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 24.0 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

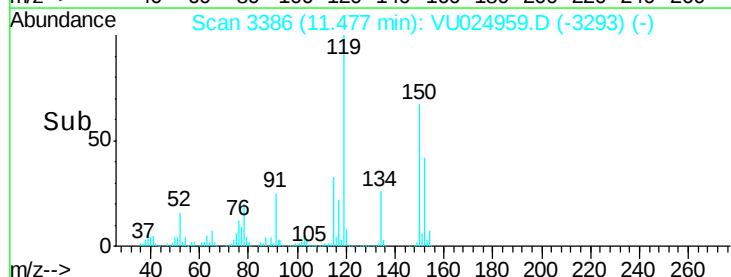
150000

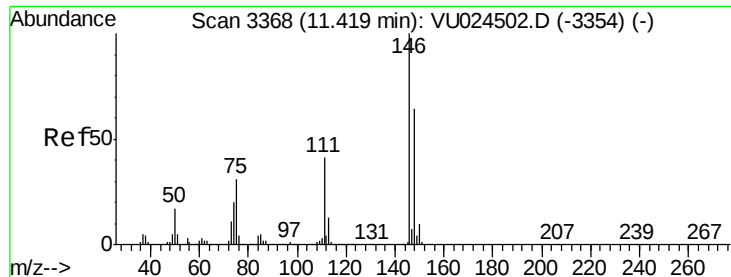
100000

50000

0

Time-->

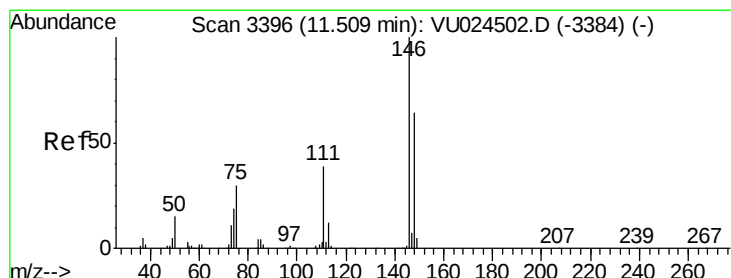
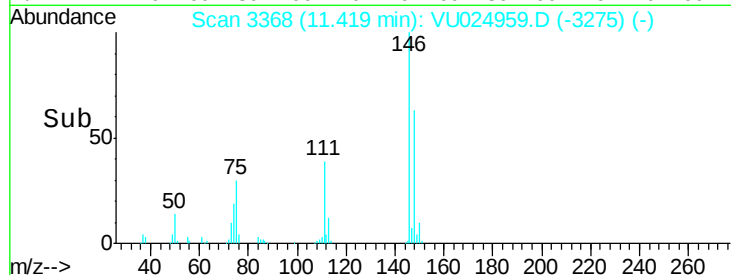
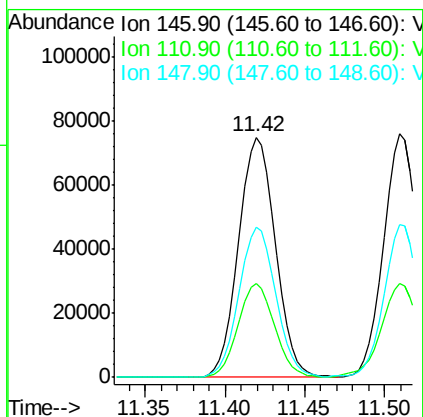
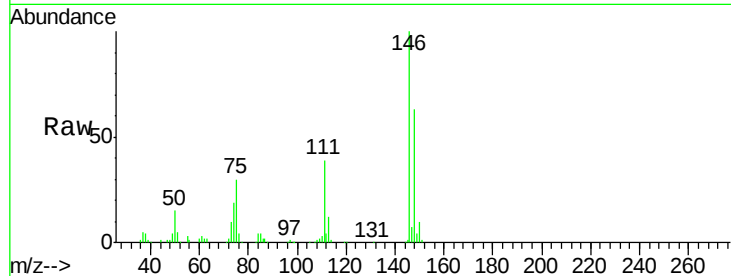




#87
 1,3-Dichlorobenzene
 Concen: 21.048 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

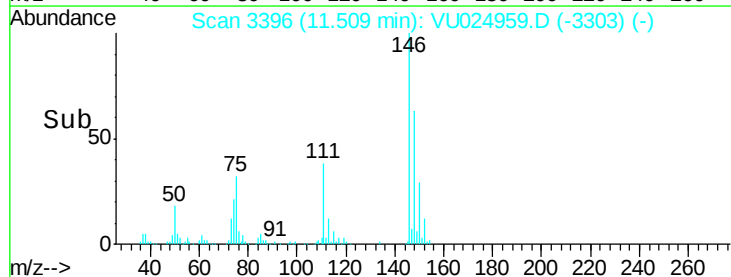
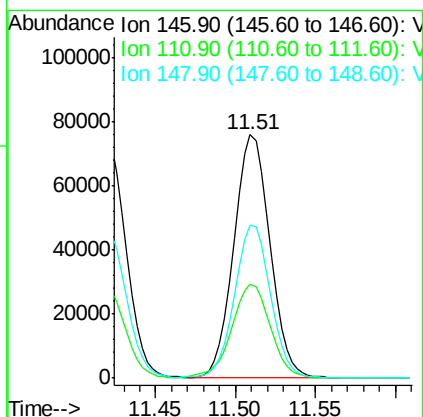
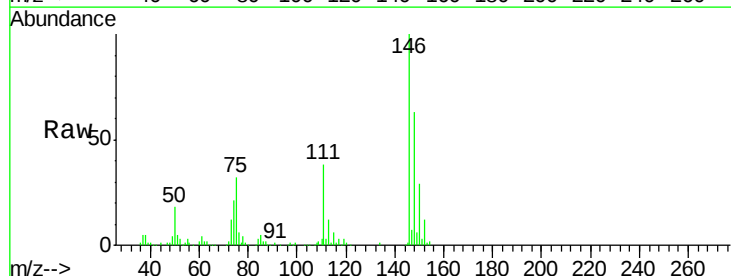
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS03

Tgt Ion:146 Resp: 117672
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.0 60.0
 148 62.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.636 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Tgt Ion:146 Resp: 116119
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.5 58.5
 148 63.4 32.4 97.0

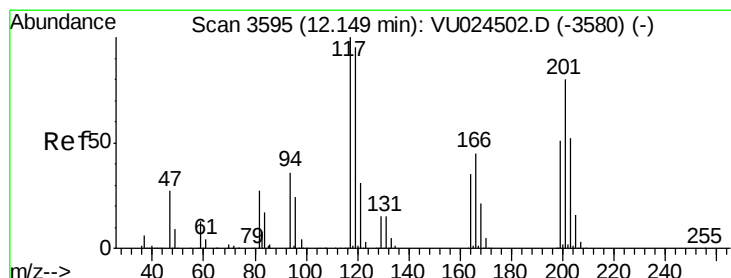
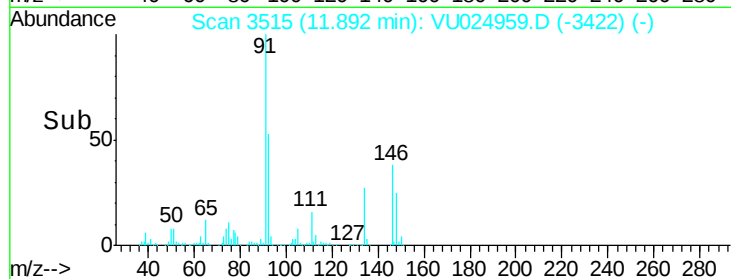
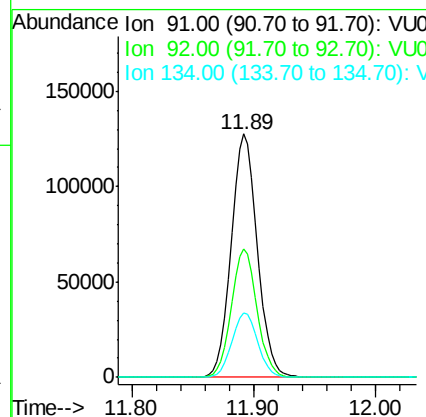
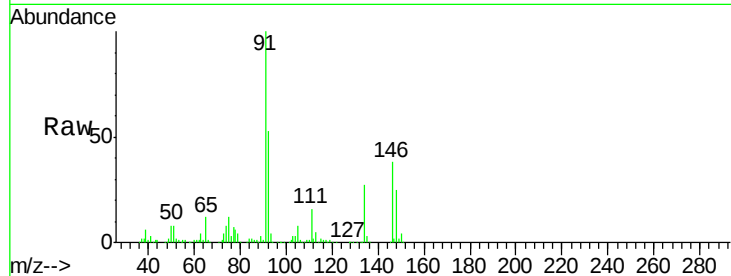




#89
n-Butylbenzene
Concen: 19.300 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

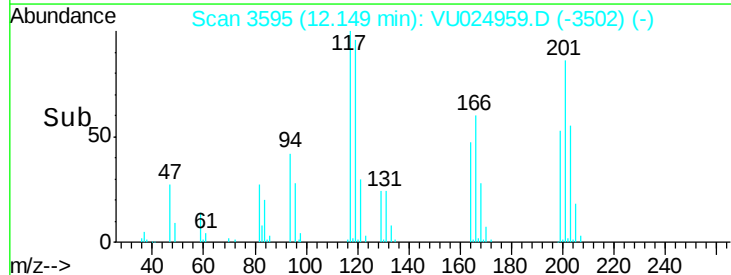
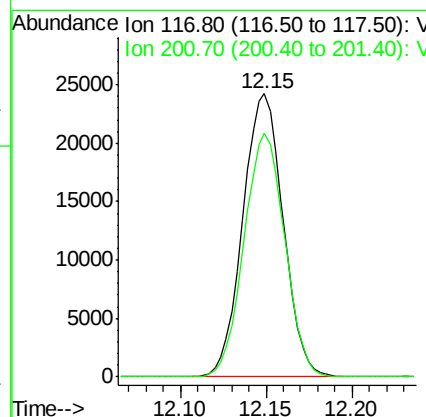
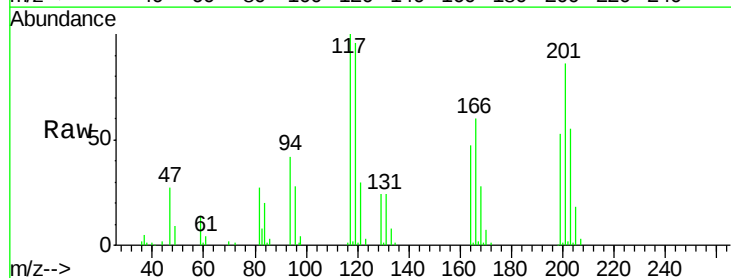
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

Tgt Ion: 91 Resp: 191435
Ion Ratio Lower Upper
91 100
92 51.9 25.6 76.8
134 26.5 12.3 36.8



#90
Hexachloroethane
Concen: 18.166 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024959.D
Acq: 27 Jun 2018 12:08

Tgt Ion: 117 Resp: 39592
Ion Ratio Lower Upper
117 100
201 86.6 41.1 123.3

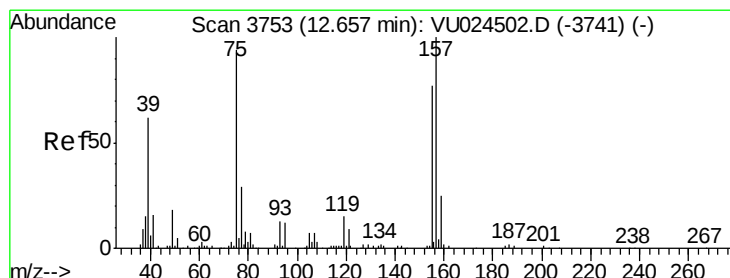
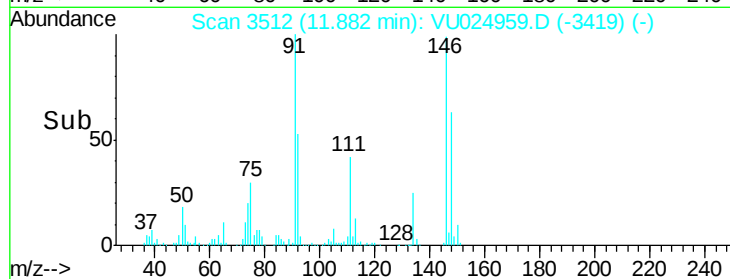
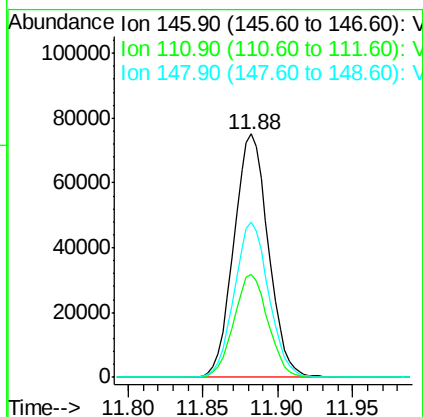
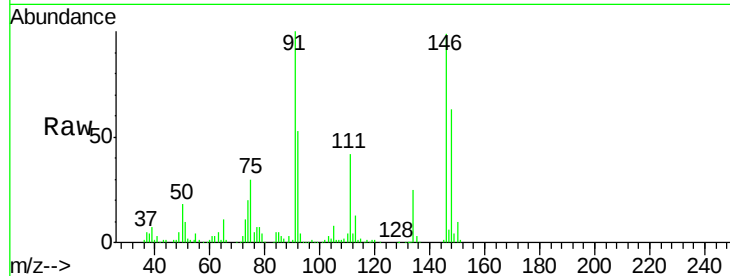




#91
 1,2-Dichlorobenzene
 Concen: 21.572 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

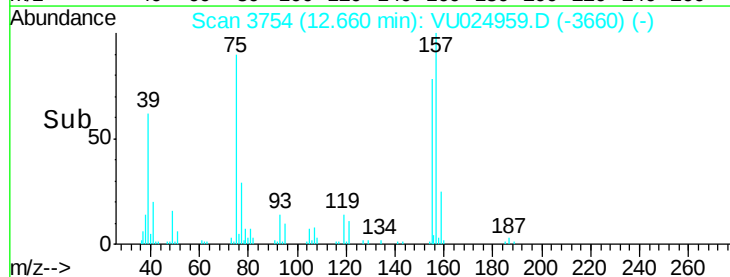
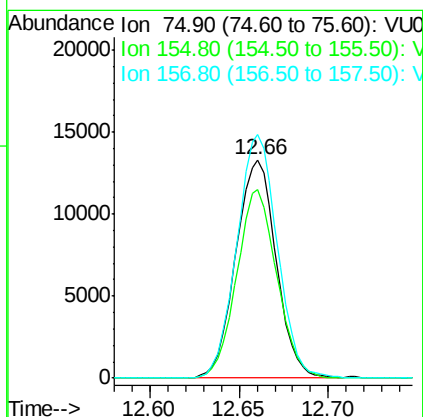
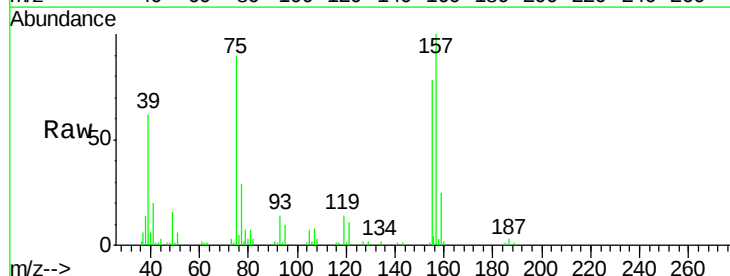
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS03

Tgt Ion: 146 Resp: 120801
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.6
 148 63.7 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.026 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Tgt Ion: 75 Resp: 21028
 Ion Ratio Lower Upper
 75 100
 155 86.0 40.4 121.2
 157 112.2 52.3 156.8

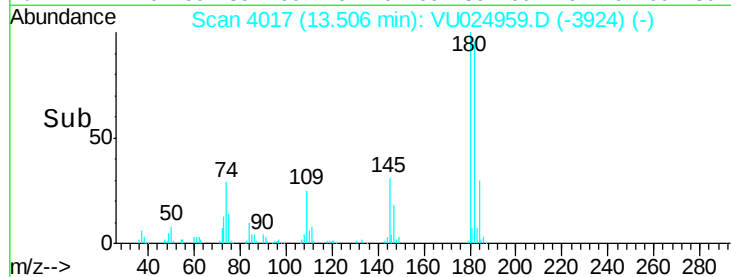
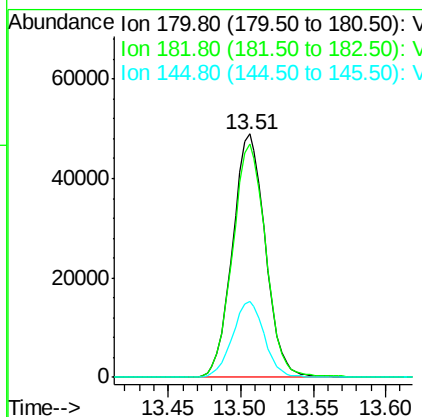
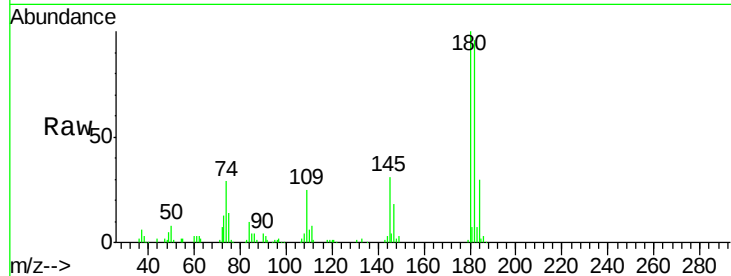




#93
 1,2,4-Trichlorobenzene
 Concen: 22.160 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

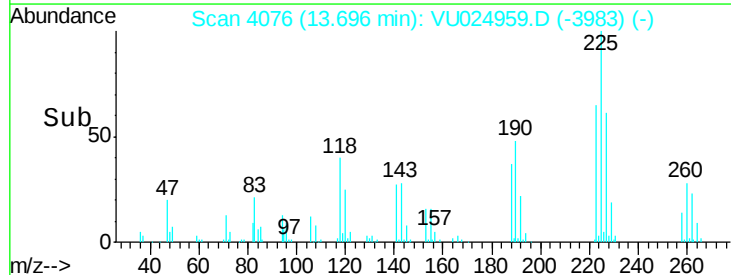
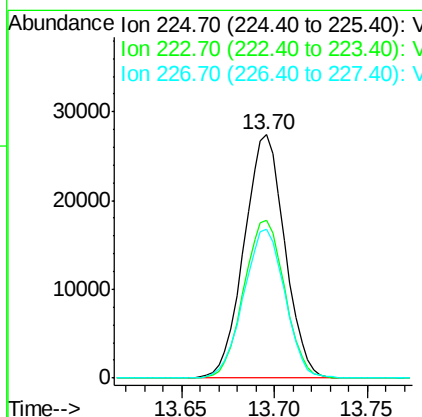
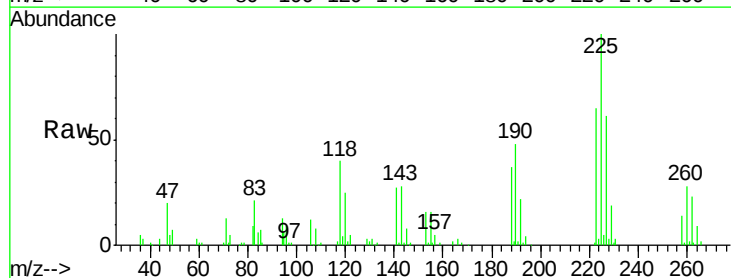
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS03

Tgt Ion:180 Resp: 76629
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.0 144.2
 145 30.3 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 21.515 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024959.D
 Acq: 27 Jun 2018 12:08

Tgt Ion:225 Resp: 41877
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.3 93.8
 227 62.2 31.8 95.4





#95

Naphthalene

Concen: 22.026 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS03

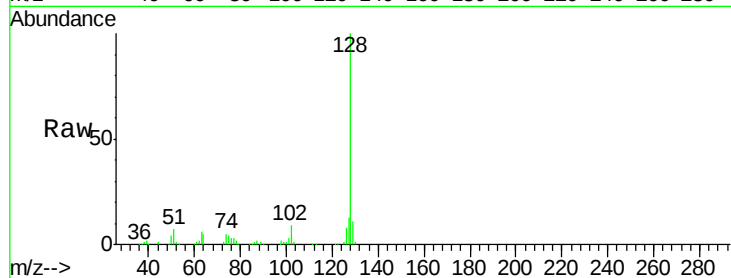
Tgt Ion:128 Resp: 247737

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

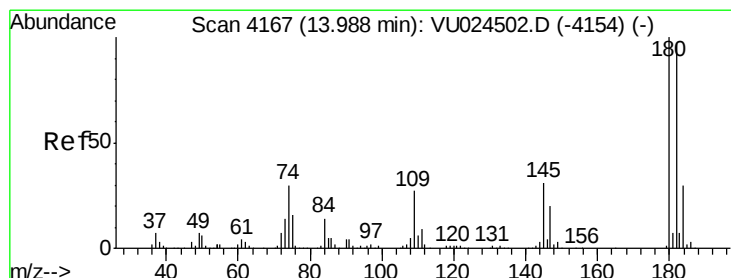
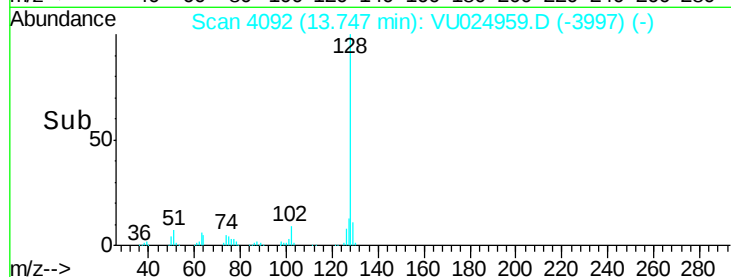
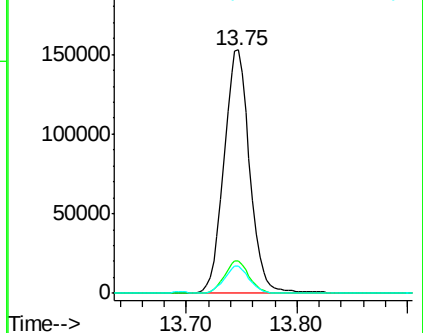
129 10.9 8.6 12.8



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: 23.228 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024959.D

Acq: 27 Jun 2018 12:08

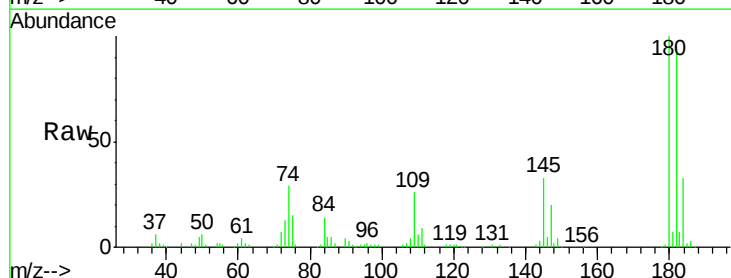
Tgt Ion:180 Resp: 80036

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.7

145 32.3 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

