

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
 Data File : VU024777.D
 Acq On : 21 Jun 2018 00:00
 Operator : MD/SY
 Sample : VU0620WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Quant Time: Jun 21 07:55:20 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	173354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	272228	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	252894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146736	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	121663	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	
35) Dibromofluoromethane	4.89	113	101446	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
50) Toluene-d8	7.57	98	365688	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
62) 4-Bromofluorobenzene	10.31	95	139498	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	40312	18.578	ug/l 97
3) Chloromethane	1.33	50	44510	20.078	ug/l 100
4) Vinyl Chloride	1.40	62	47181	20.638	ug/l 100
5) Bromomethane	1.62	94	29526	26.716	ug/l 99
6) Chloroethane	1.70	64	30200	23.073	ug/l 99
7) Trichlorofluoromethane	1.89	101	71836	20.590	ug/l 99
8) Diethyl Ether	2.10	74	27865	22.431	ug/l 87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41014	18.949	ug/l 96
10) Methyl Iodide	2.41	142	34539	22.149	ug/l 99
11) Tert butyl alcohol	2.82	59	61023	88.659	ug/l 99
12) 1,1-Dichloroethene	2.29	96	40279	20.406	ug/l 89
13) Acrolein	2.19	56	29206	80.805	ug/l 98
14) Allyl chloride	2.60	41	64374	17.565	ug/l 96
15) Acrylonitrile	2.93	53	141285	105.503	ug/l 98
16) Acetone	2.32	43	119764	78.762	ug/l 96
17) Carbon Disulfide	2.48	76	115373	18.254	ug/l 99
18) Methyl Acetate	2.62	43	75607	23.194	ug/l 99
19) Methyl tert-butyl Ether	3.00	73	145473	19.606	ug/l 97
20) Methylene Chloride	2.70	84	48090	20.156	ug/l 98
21) trans-1,2-Dichloroethene	2.99	96	42422	19.513	ug/l 93
22) Diisopropyl ether	3.57	45	146771	20.202	ug/l 95
23) Vinyl Acetate	3.53	43	628410	96.557	ug/l 99
24) 1,1-Dichloroethane	3.45	63	82898	19.834	ug/l 99
25) 2-Butanone	4.26	43	197519	96.705	ug/l 94
26) 2,2-Dichloropropane	4.23	77	60476	15.238	ug/l 96
27) cis-1,2-Dichloroethene	4.23	96	49274	19.714	ug/l 97
28) Bromochloromethane	4.55	49	33655	18.281	ug/l 88
29) Tetrahydrofuran	4.63	42	126971	100.385	ug/l 97
30) Chloroform	4.68	83	84970	20.086	ug/l 99
31) Cyclohexane	5.00	56	75944	19.248	ug/l 96
32) 1,1,1-Trichloroethane	4.92	97	76271	19.497	ug/l 96
36) 1,1-Dichloropropene	5.14	75	59631	18.641	ug/l 96
37) Ethyl Acetate	4.38	43	74290	21.308	ug/l 98
38) Carbon Tetrachloride	5.14	117	67300	19.132	ug/l 99

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	73384	18.383	ug/l	95
40) Benzene	5.39	78	183753	20.159	ug/l	99
41) Methacrylonitrile	4.54	41	40718	21.661	ug/l	97
42) 1,2-Dichloroethane	5.41	62	69246	19.946	ug/l	100
43) Isopropyl Acetate	5.55	43	118956	19.738	ug/l	99
44) Trichloroethene	6.19	130	50082	19.306	ug/l	92
45) 1,2-Dichloropropane	6.44	63	50002	20.559	ug/l	96
46) Dibromomethane	6.56	93	35052	20.518	ug/l	95
47) Bromodichloromethane	6.76	83	65560	19.272	ug/l	98
48) Methyl methacrylate	6.63	41	59437	20.254	ug/l	98
49) 1,4-Dioxane	6.61	88	24825	432.564	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	391475	103.393	ug/l	98
52) Toluene	7.64	92	116968	19.946	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	69247	18.126	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	75070	18.441	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	47559	19.951	ug/l	98
56) Ethyl methacrylate	8.02	69	80731	20.234	ug/l	99
57) 1,3-Dichloropropane	8.25	76	82664	20.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	140184	91.712	ug/l	95
59) 2-Hexanone	8.36	43	307805	99.577	ug/l	99
60) Dibromochloromethane	8.48	129	54653	18.386	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52751	19.882	ug/l	96
64) Tetrachloroethene	8.23	164	46090	19.173	ug/l	99
65) Chlorobenzene	9.12	112	133389	20.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	49965	20.357	ug/l	97
67) Ethyl Benzene	9.25	91	226722	20.018	ug/l	97
68) m/p-Xylenes	9.38	106	175633	40.384	ug/l	97
69) o-Xylene	9.78	106	88372	20.532	ug/l	96
70) Styrene	9.80	104	141133	19.953	ug/l	99
71) Bromoform	9.96	173	43311	18.565	ug/l #	99
73) Isopropylbenzene	10.17	105	237042	21.041	ug/l	100
74) N-amyl acetate	10.01	43	109153	20.370	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	82663	21.896	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	90551	28.029	ug/l	82
77) Bromobenzene	10.45	156	61285	21.488	ug/l	95
78) n-propylbenzene	10.59	91	264555	19.935	ug/l	98
79) 2-Chlorotoluene	10.66	91	160227	20.473	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	202855	20.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	90551	64.871	ug/l #	100
82) 4-Chlorotoluene	10.78	91	183014	20.092	ug/l	100
83) tert-Butylbenzene	11.10	119	198977	21.184	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	202353	20.335	ug/l	98
85) sec-Butylbenzene	11.33	105	241277	20.521	ug/l	98
86) p-Isopropyltoluene	11.48	119	209100	19.858	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	107168	20.338	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	107350	20.241	ug/l	100
89) n-Butylbenzene	11.89	91	168308	18.003	ug/l	97
90) Hexachloroethane	12.15	117	39006	18.989	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	113810	21.564	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21104	20.259	ug/l	92

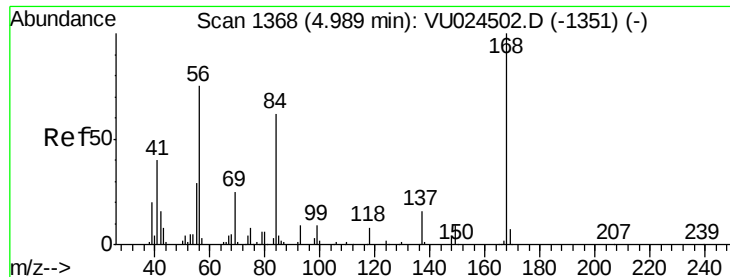
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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	71275	21.869	ug/l	99
94) Hexachlorobutadiene	13.70	225	36069	19.662	ug/l	97
95) Naphthalene	13.74	128	247399	23.297	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76461	23.544	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

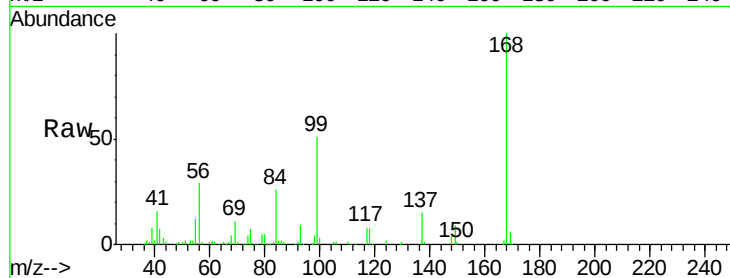
VU0620WBS02

Tgt Ion:168 Resp: 173354

Ion Ratio Lower Upper

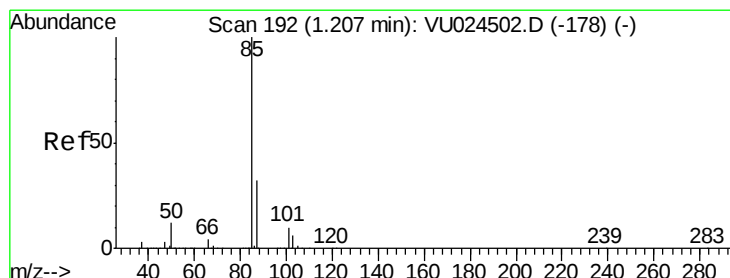
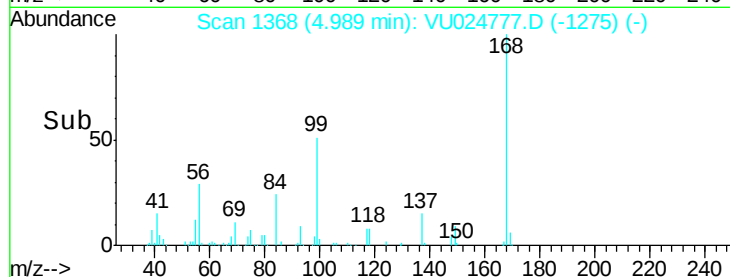
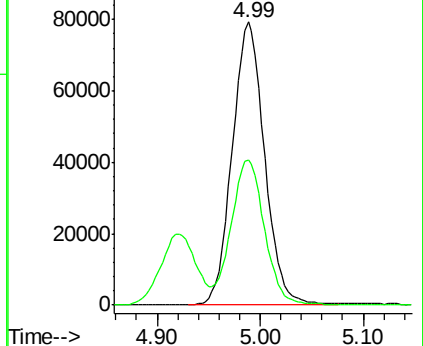
168 100

99 51.2 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: 18.578 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024777.D

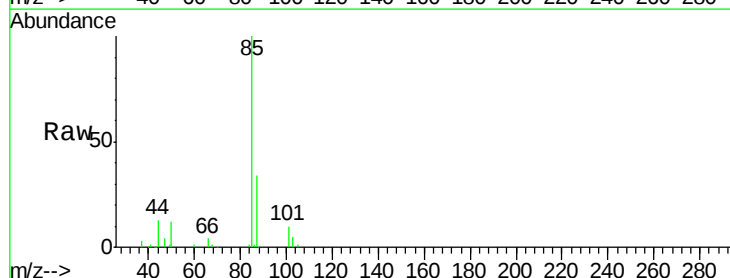
Acq: 21 Jun 2018 00:00

Tgt Ion: 85 Resp: 40312

Ion Ratio Lower Upper

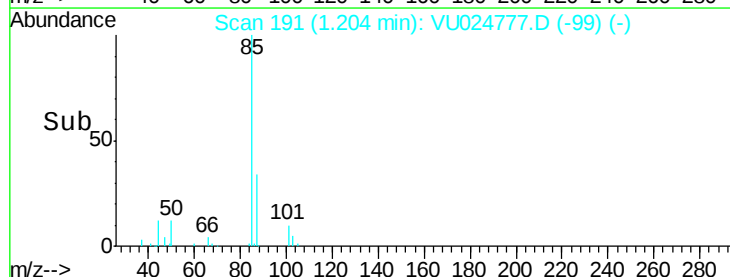
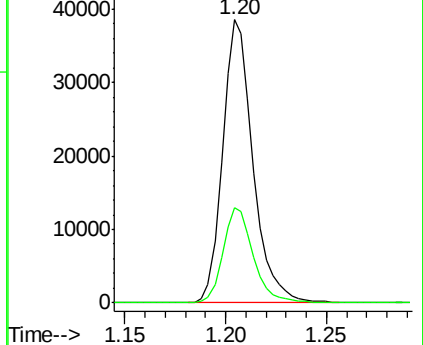
85 100

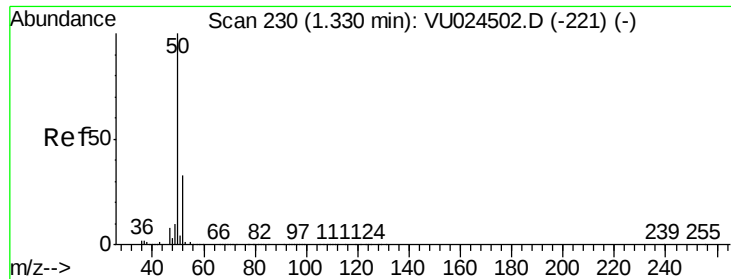
87 33.6 16.1 48.2



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

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

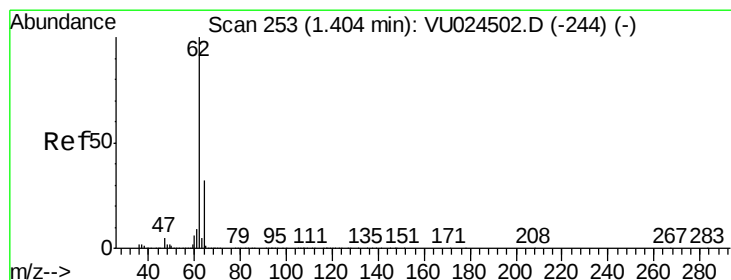
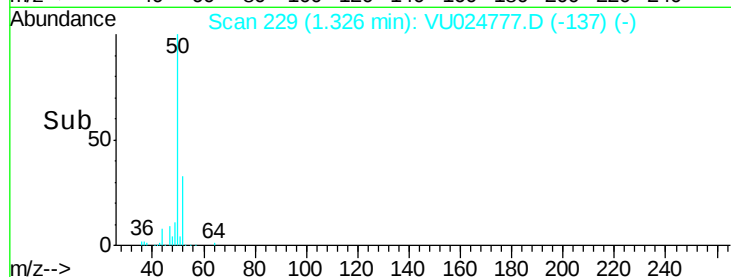
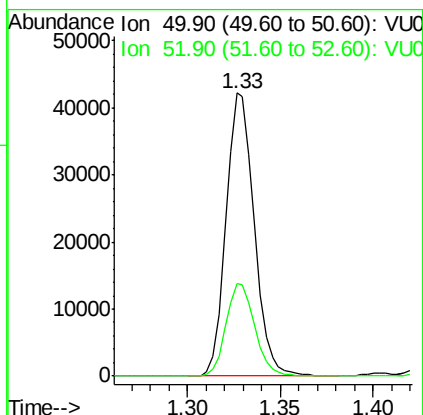
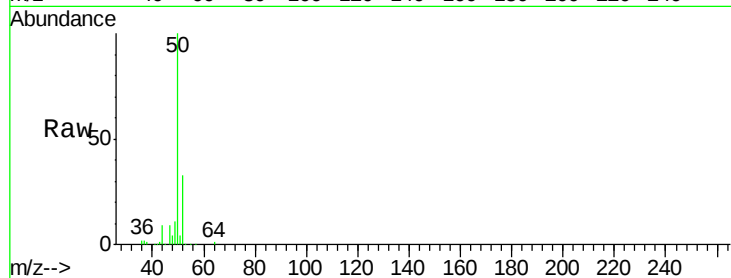




#3
Chloromethane
Concen: 20.078 ug/l
RT: 1.33 min Scan# 229
Delta R.T. -0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

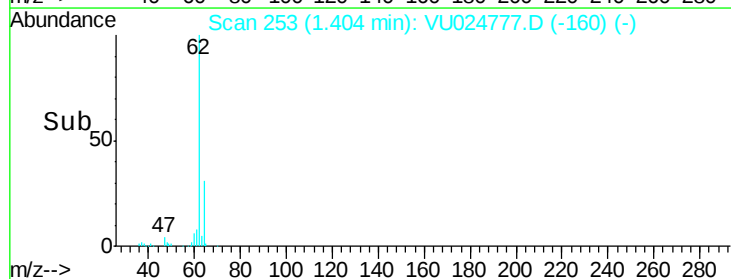
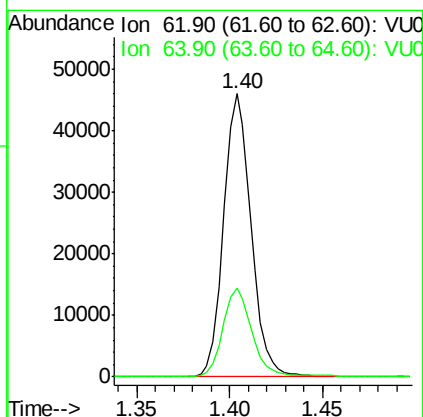
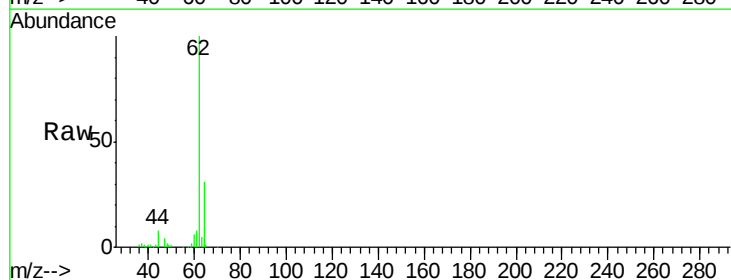
Instrument :
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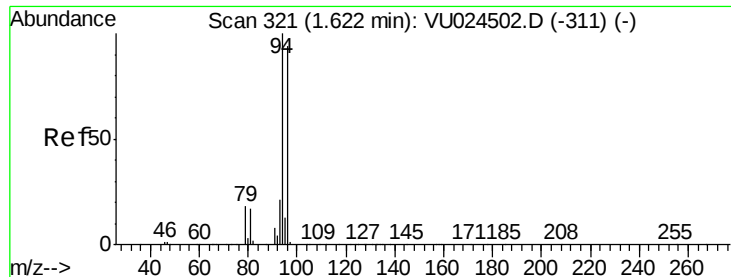
Tgt Ion: 50 Resp: 44510
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6



#4
Vinyl Chloride
Concen: 20.638 ug/l
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion: 62 Resp: 47181
Ion Ratio Lower Upper
62 100
64 31.2 24.8 37.2





#5

Bromomethane

Concen: 26.716 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

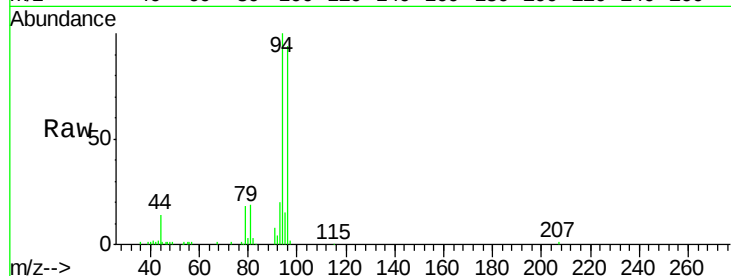
VU0620WBS02

Tgt Ion: 94 Resp: 29526

Ion Ratio Lower Upper

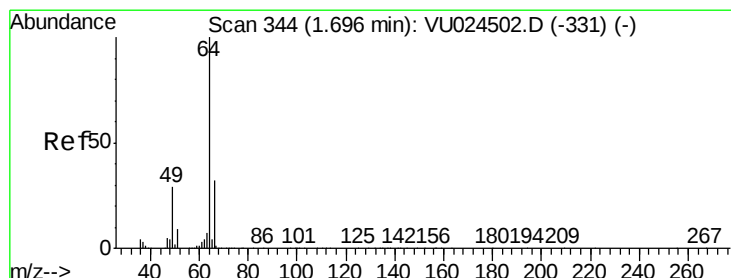
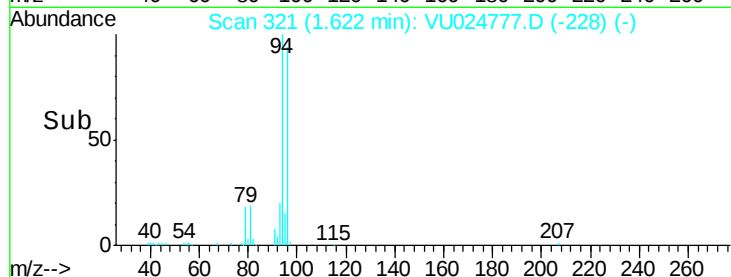
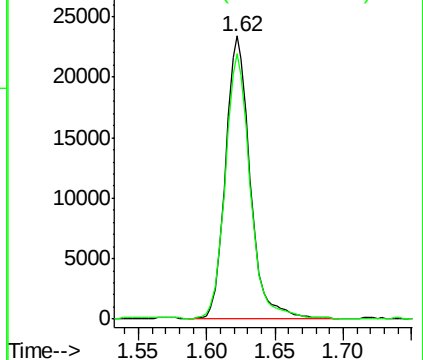
94 100

96 93.7 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: 23.073 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024777.D

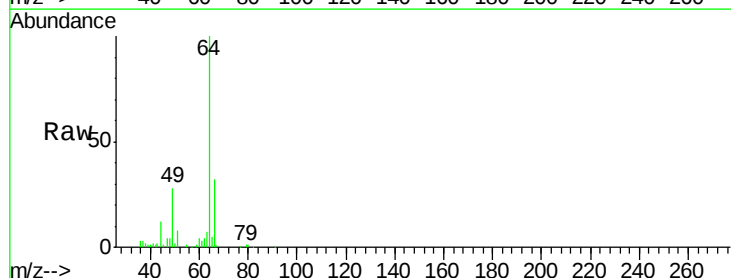
Acq: 21 Jun 2018 00:00

Tgt Ion: 64 Resp: 30200

Ion Ratio Lower Upper

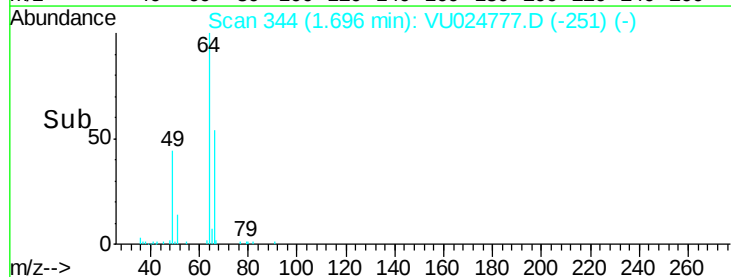
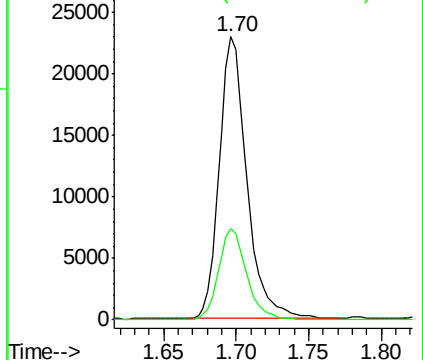
64 100

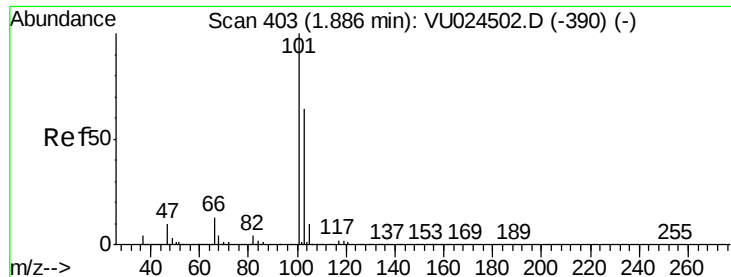
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



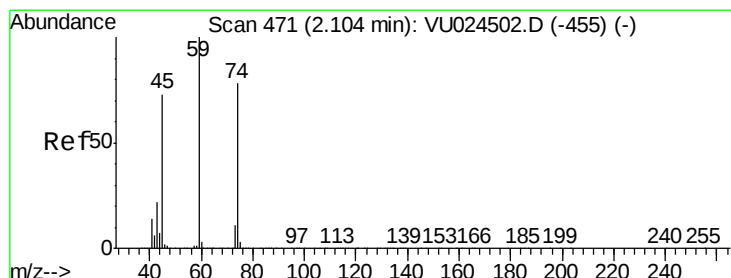
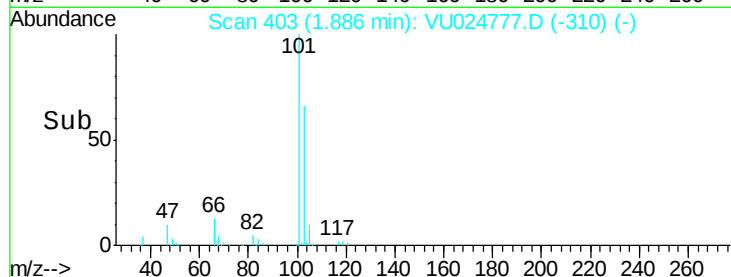
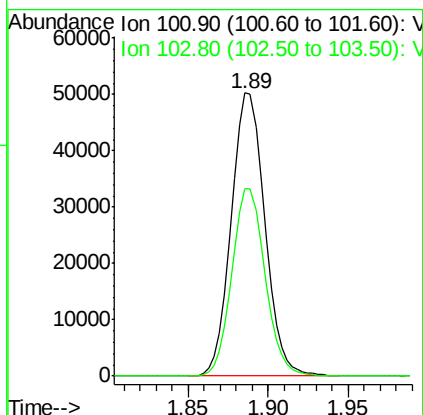
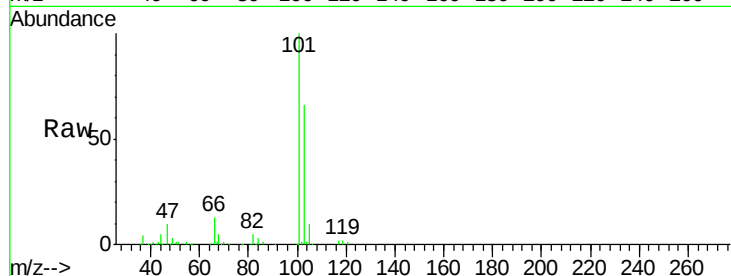


#7

Trichlorofluoromethane
 Concen: 20.590 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
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 VU0620WBS02

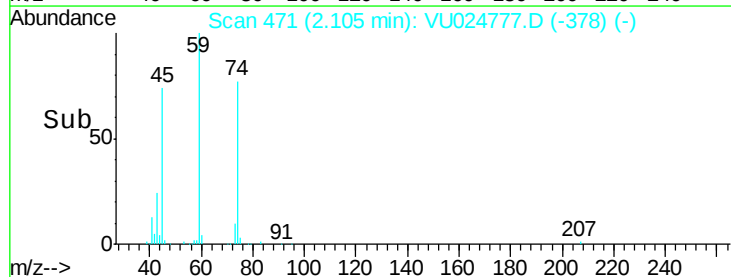
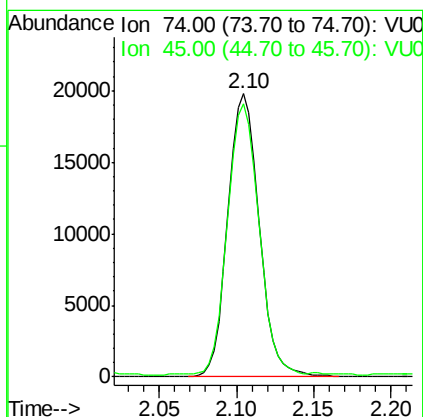
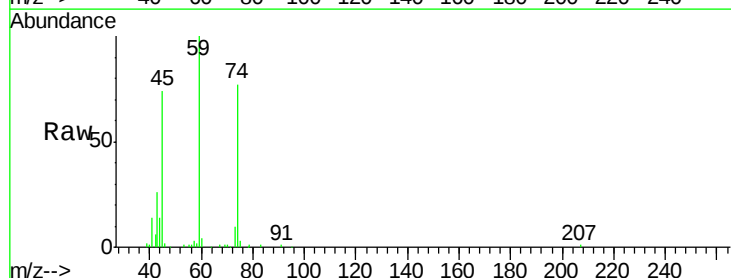
Tgt Ion:101 Resp: 71836
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.3 78.5

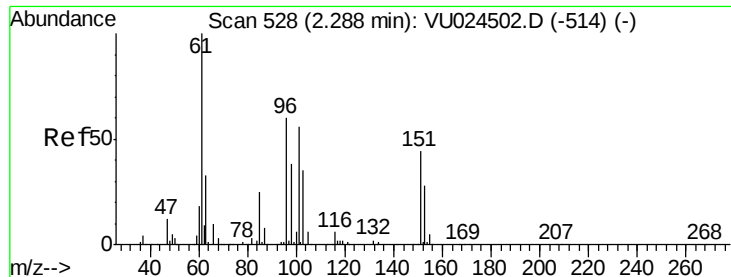


#8

Diethyl Ether
 Concen: 22.431 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion: 74 Resp: 27865
 Ion Ratio Lower Upper
 74 100
 45 96.7 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.949 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

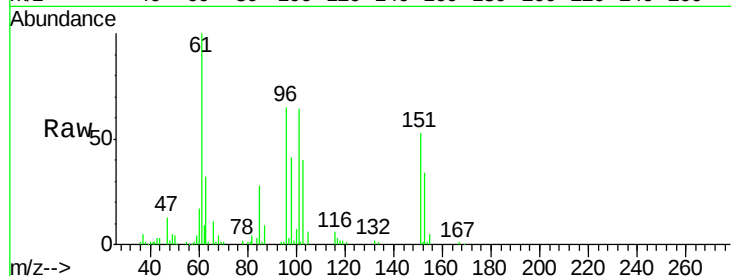
Tgt Ion:101 Resp: 41014

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

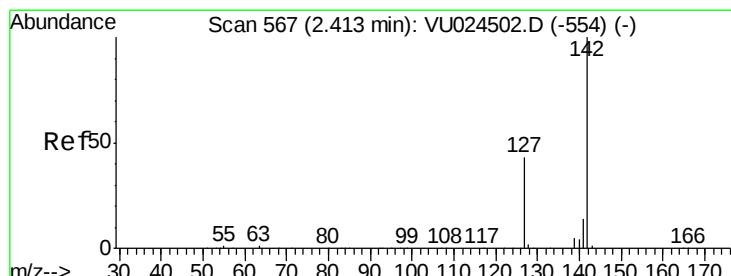
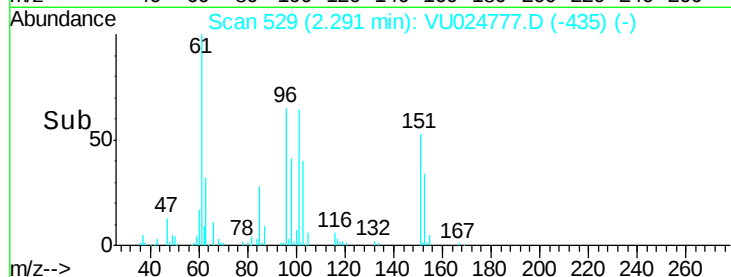
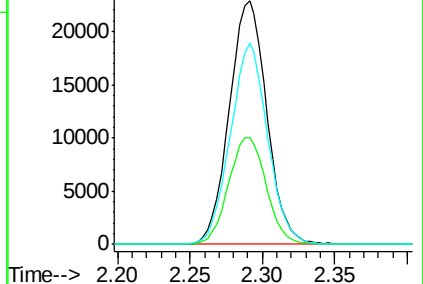
151 82.3 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.149 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

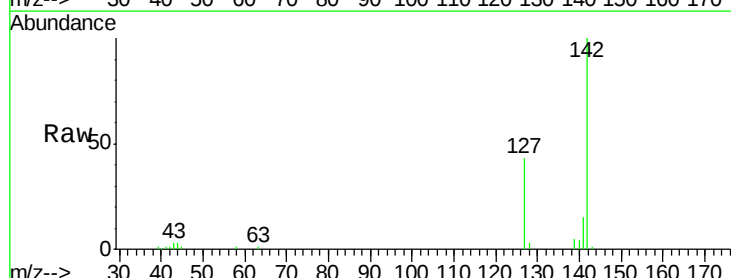
Tgt Ion:142 Resp: 34539

Ion Ratio Lower Upper

142 100

127 43.4 35.6 53.4

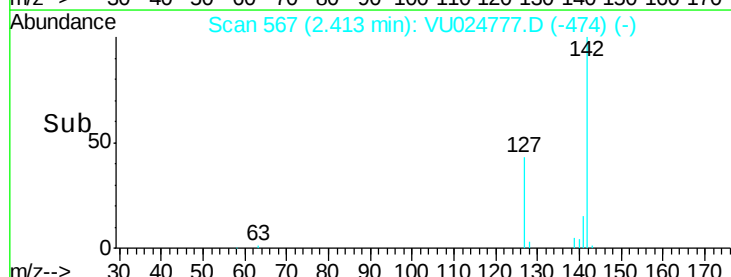
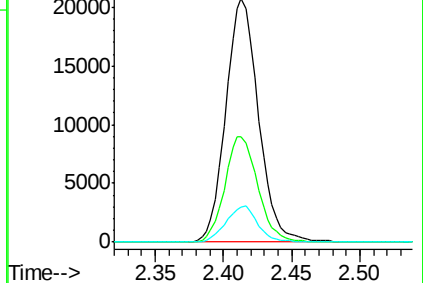
141 14.4 11.7 17.5

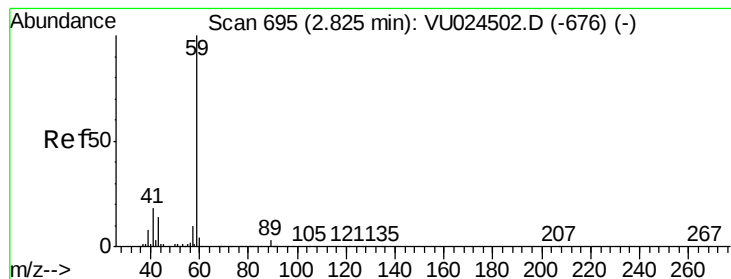


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



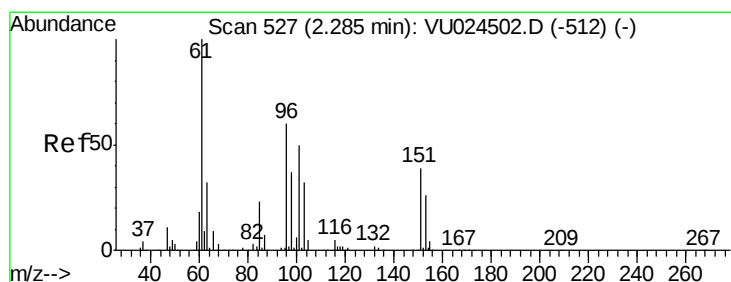
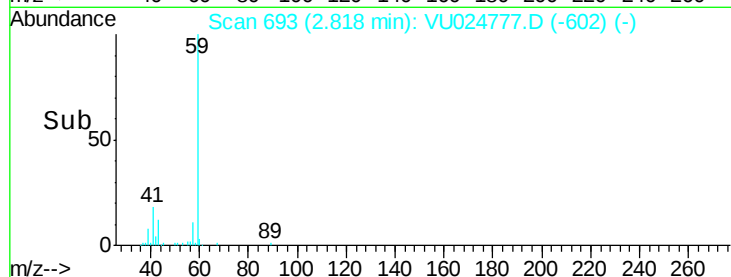
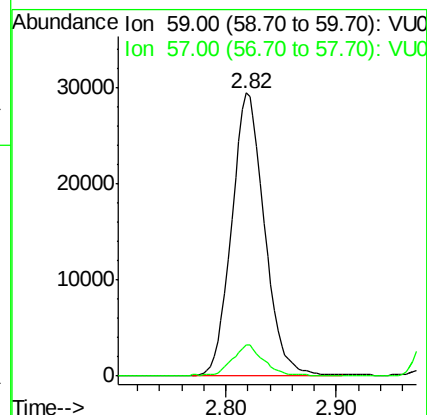
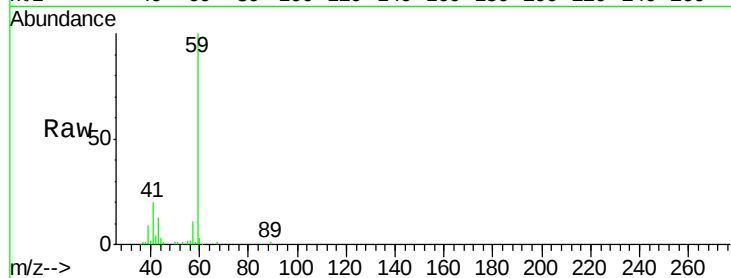


#11

Tert butyl alcohol
 Concen: 88.659 ug/l
 RT: 2.82 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

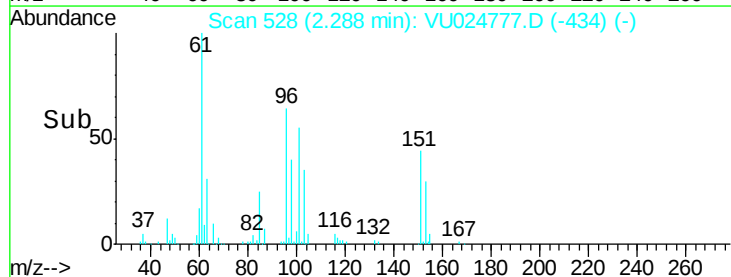
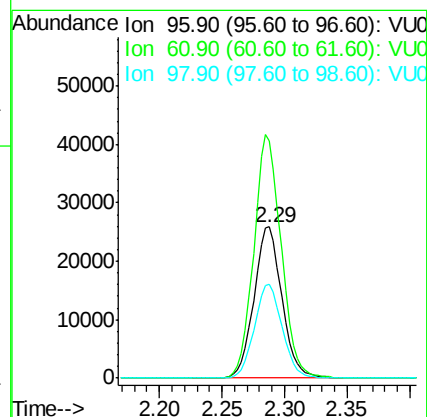
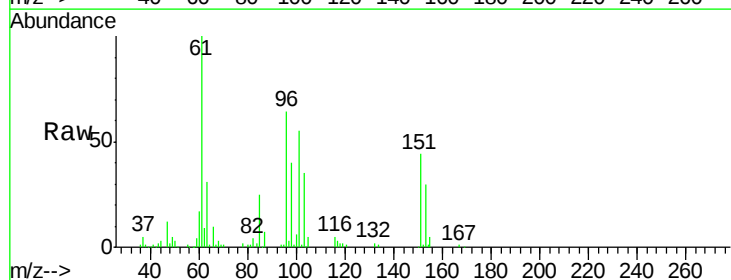
Tgt Ion: 59 Resp: 61023
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.5 12.7

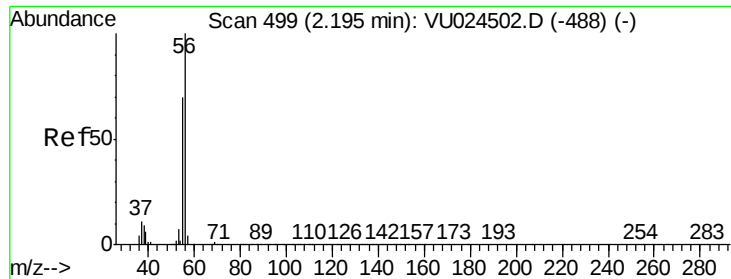


#12

1,1-Dichloroethene
 Concen: 20.406 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion: 96 Resp: 40279
 Ion Ratio Lower Upper
 96 100
 61 157.0 141.7 212.5
 98 62.6 51.6 77.4

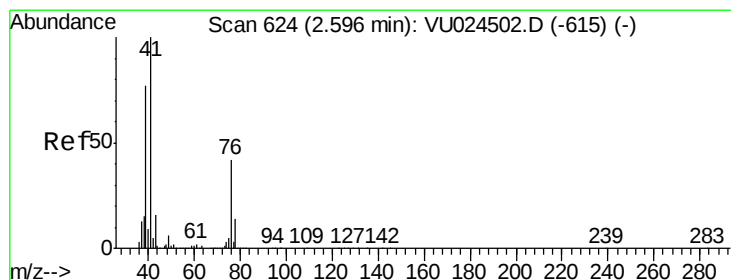
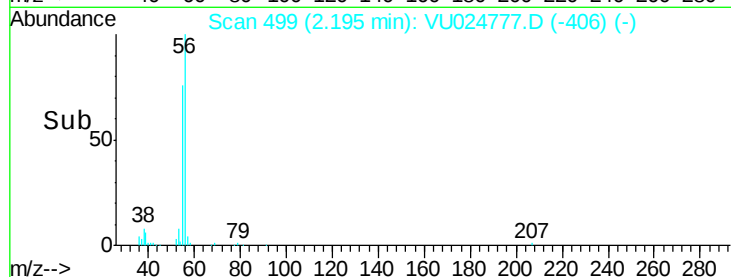
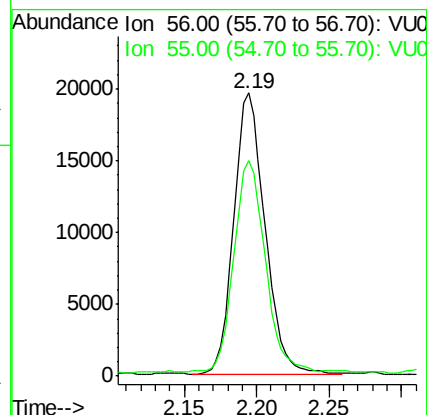
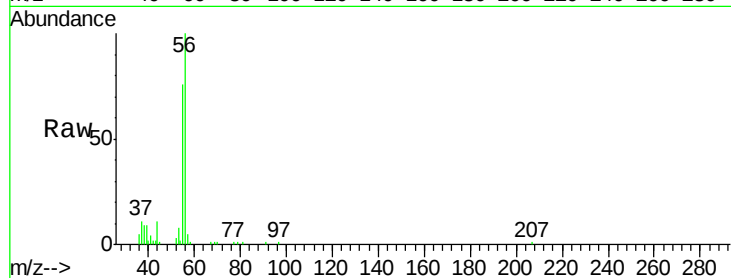




#13
 Acrolein
 Concen: 80.805 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

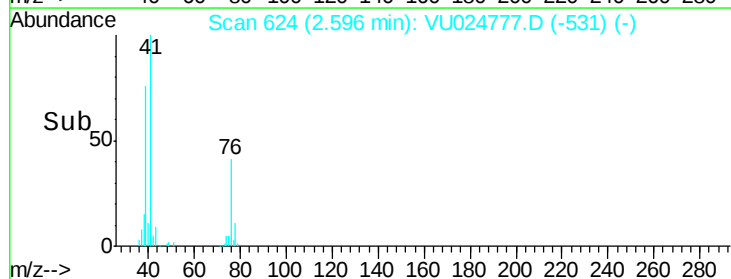
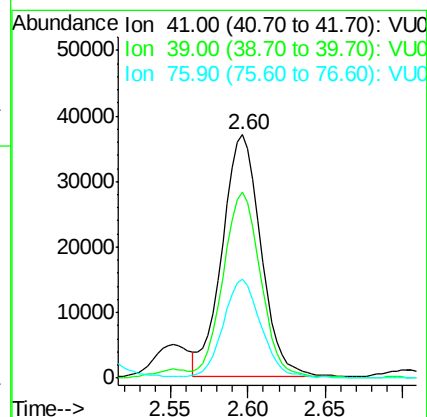
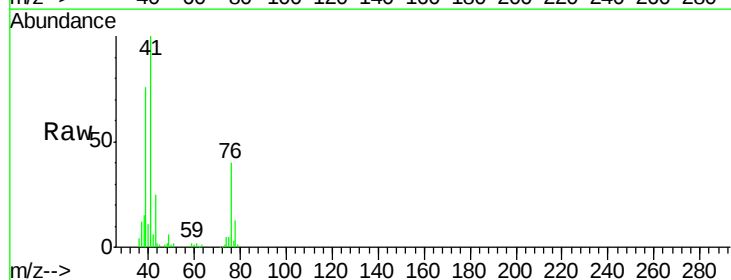
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

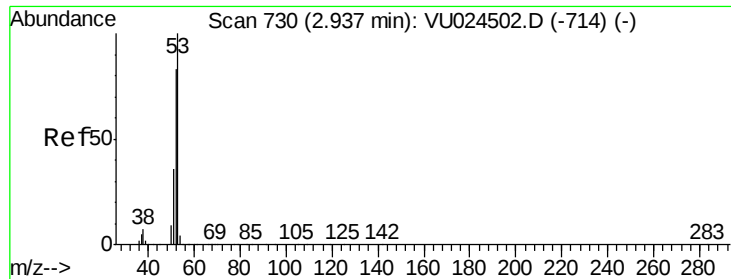
Tgt Ion: 56 Resp: 29206
 Ion Ratio Lower Upper
 56 100
 55 74.3 58.4 87.6



#14
 Allyl chloride
 Concen: 17.565 ug/l
 RT: 2.60 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion: 41 Resp: 64374
 Ion Ratio Lower Upper
 41 100
 39 73.8 61.6 92.4
 76 40.1 29.7 44.5





#15

Acrylonitrile

Concen: 105.503 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

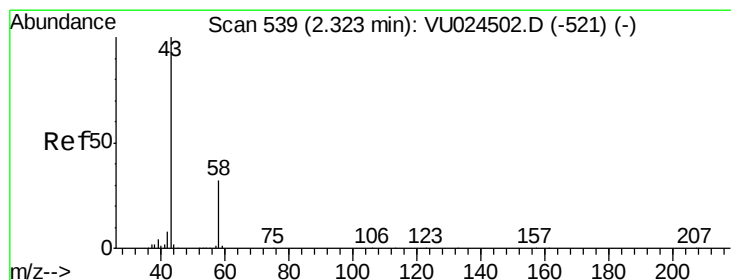
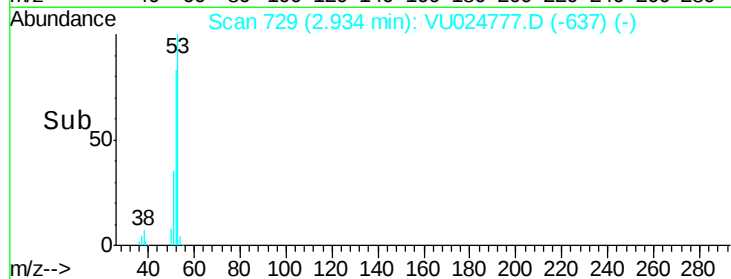
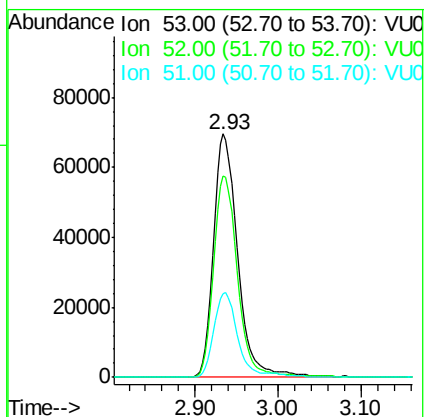
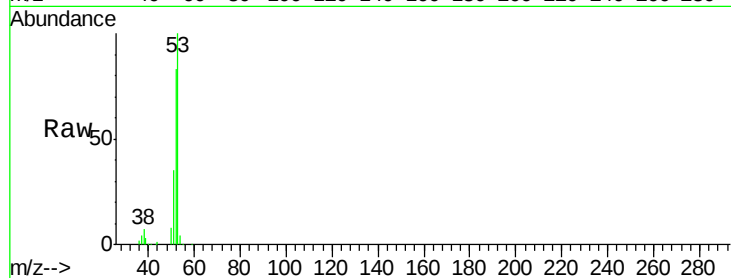
Tgt Ion: 53 Resp: 141285

Ion Ratio Lower Upper

53 100

52 81.3 67.1 100.7

51 34.8 28.4 42.6



#16

Acetone

Concen: 78.762 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024777.D

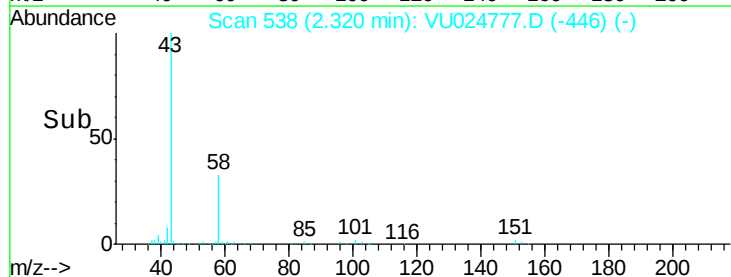
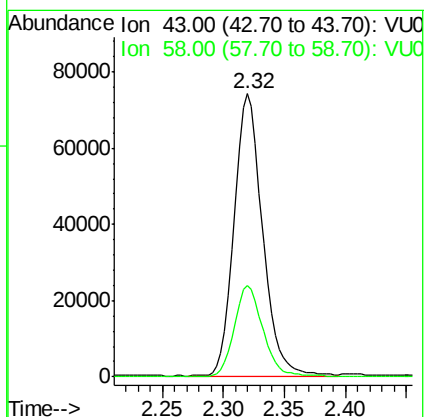
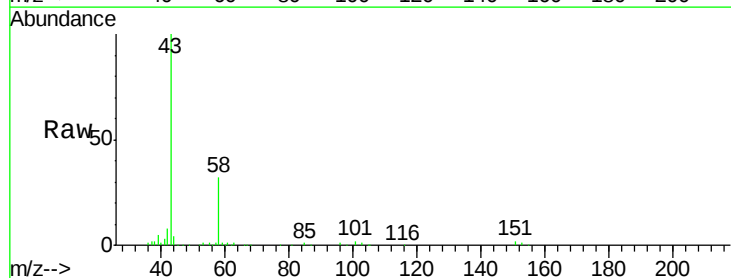
Acq: 21 Jun 2018 00:00

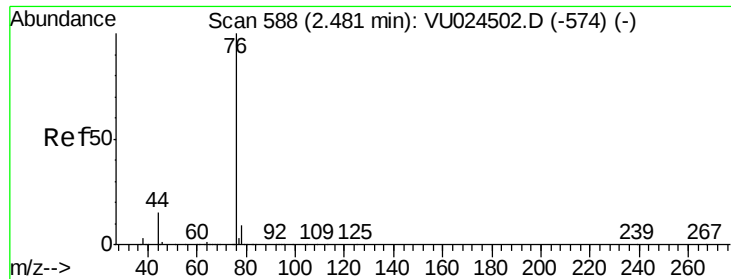
Tgt Ion: 43 Resp: 119764

Ion Ratio Lower Upper

43 100

58 32.6 24.4 36.6

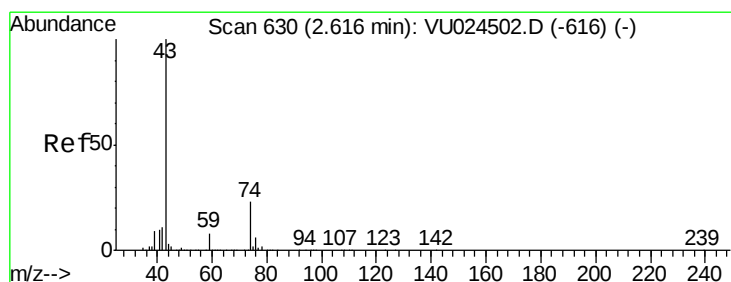
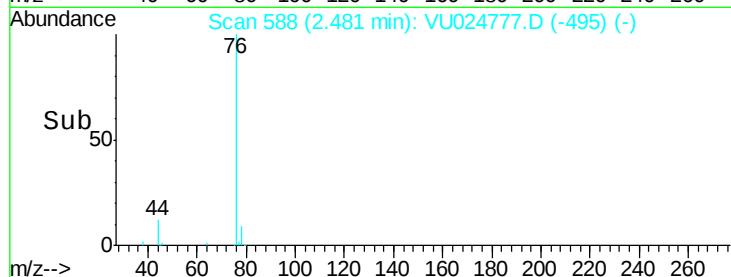
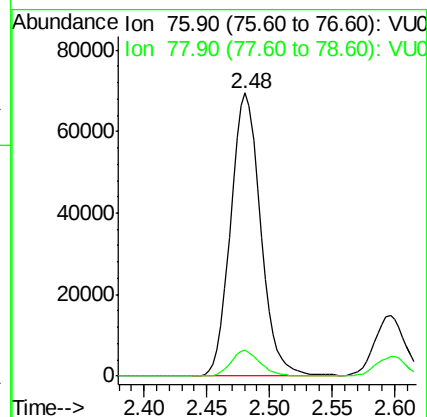
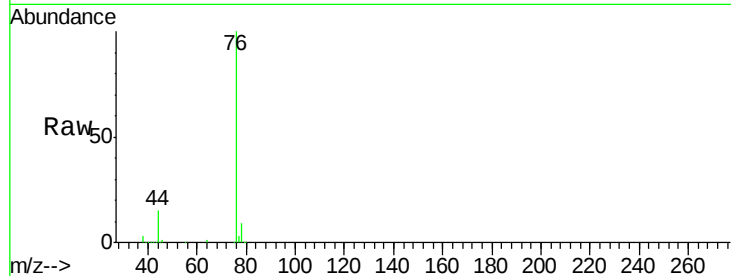




#17
Carbon Disulfide
Concen: 18.254 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

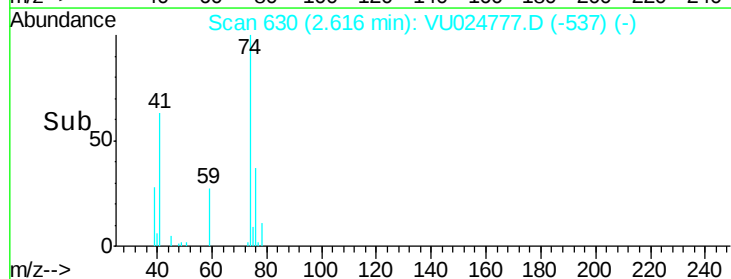
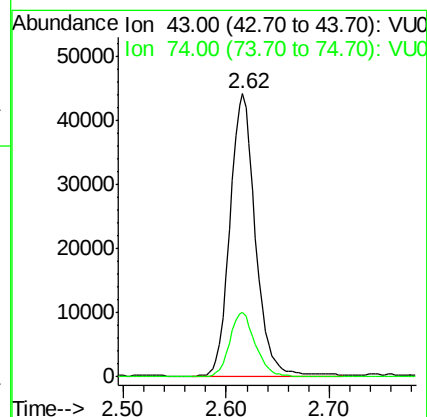
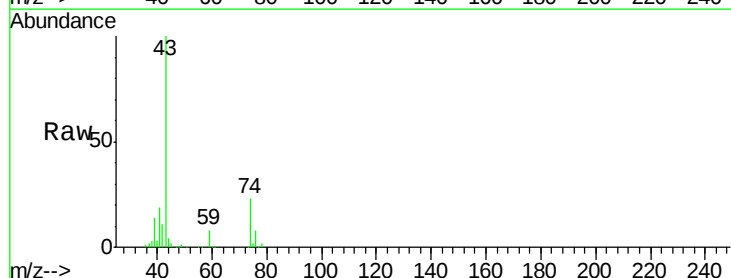
Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

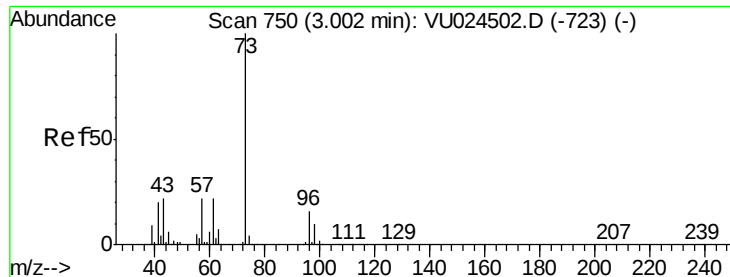
Tgt Ion: 76 Resp: 115373
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 23.194 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion: 43 Resp: 75607
Ion Ratio Lower Upper
43 100
74 23.0 18.0 27.0

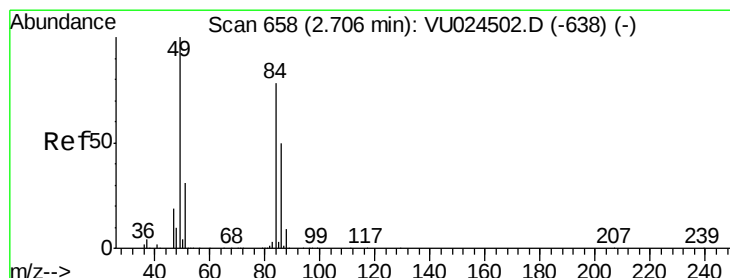
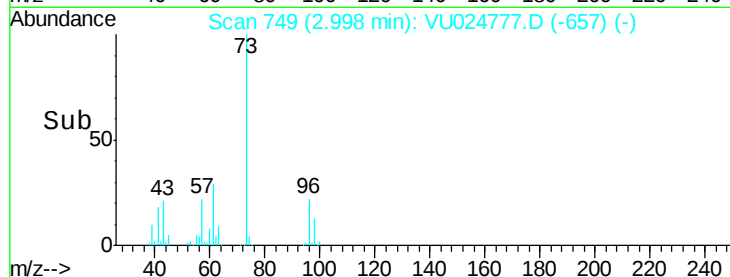
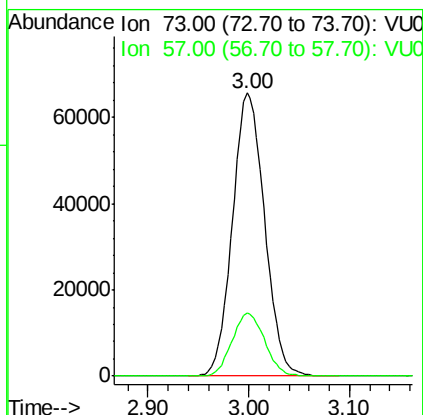
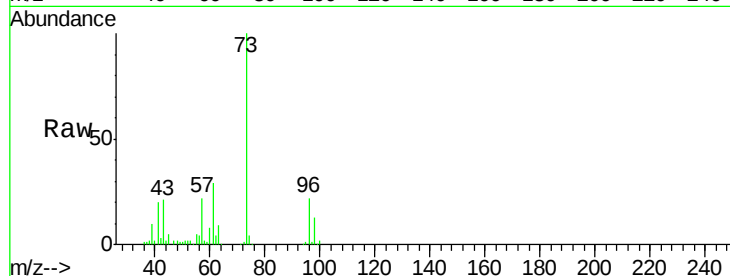




#19
Methyl tert-butyl Ether
Concen: 19.606 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

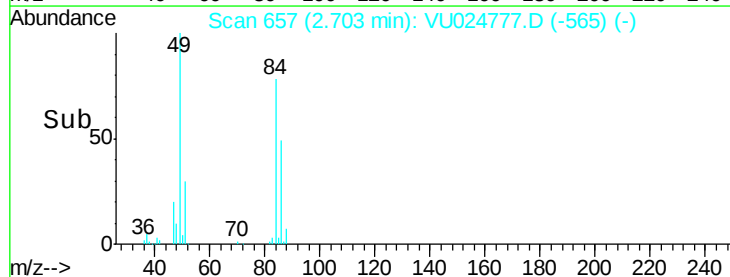
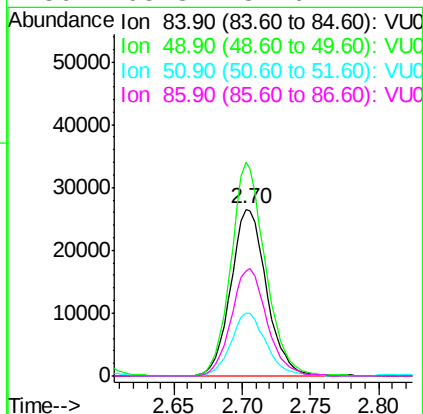
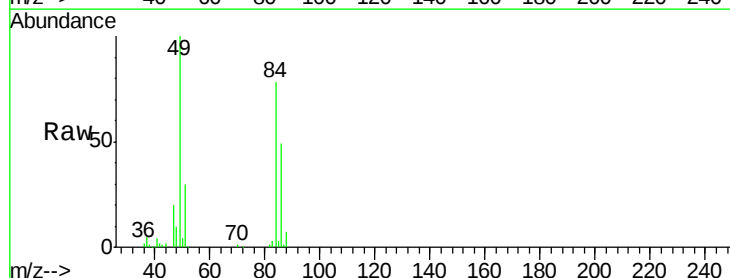
Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

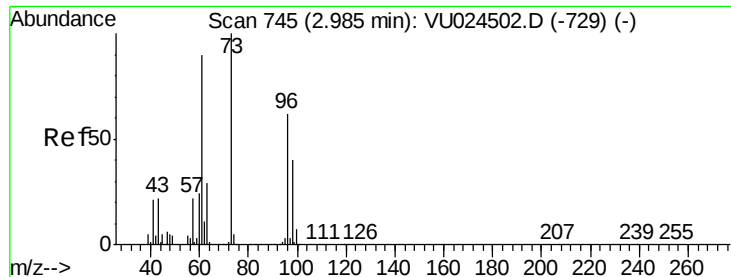
Tgt Ion: 73 Resp: 145473
Ion Ratio Lower Upper
73 100
57 22.2 18.8 28.2



#20
Methylene Chloride
Concen: 20.156 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion: 84 Resp: 48090
Ion Ratio Lower Upper
84 100
49 128.3 103.8 155.8
51 38.0 32.0 48.0
86 63.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.513 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

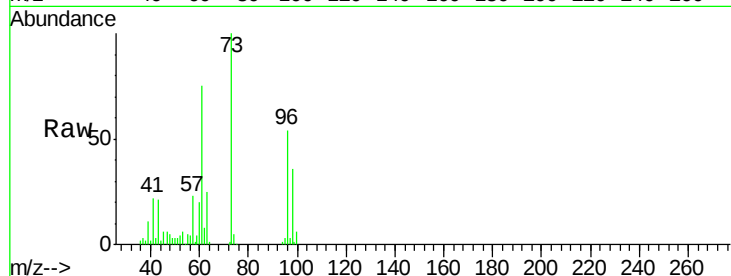
Tgt Ion: 96 Resp: 42422

Ion Ratio Lower Upper

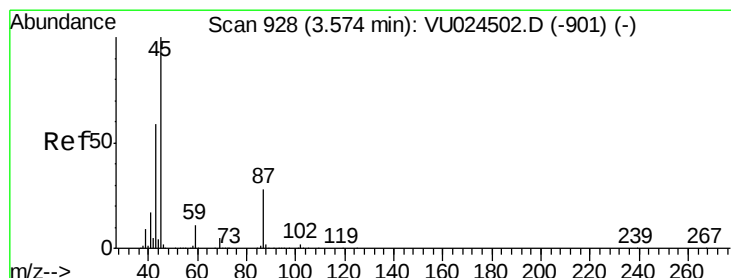
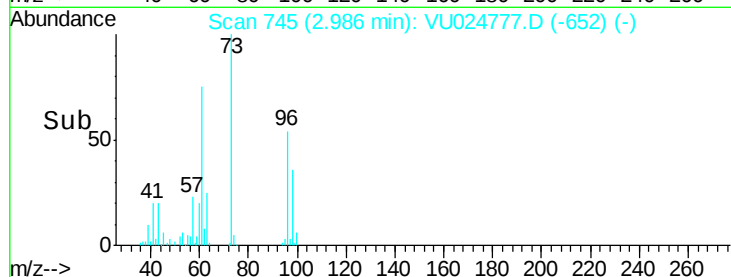
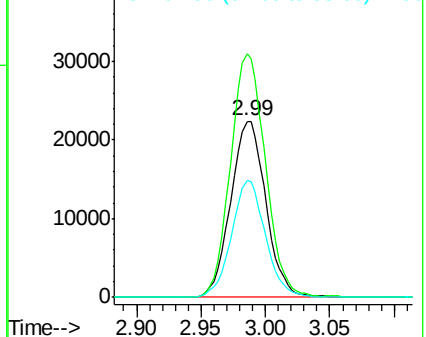
96 100

61 138.1 119.4 179.0

98 66.5 51.1 76.7



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



#22

Diisopropyl ether

Concen: 20.202 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion: 45 Resp: 146771

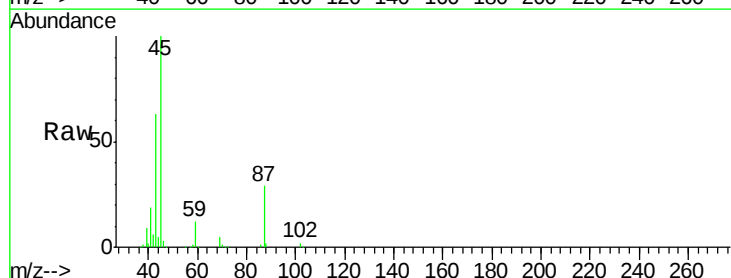
Ion Ratio Lower Upper

45 100

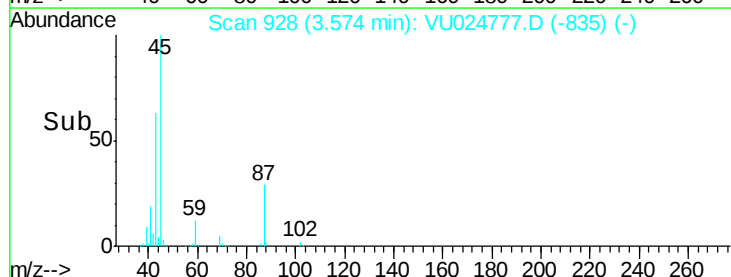
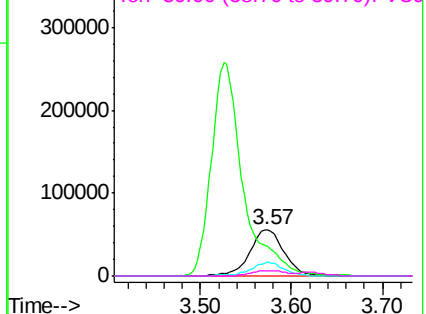
43 60.7 45.8 68.6

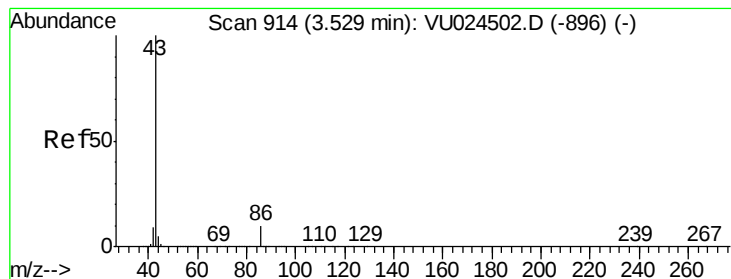
87 29.4 20.6 31.0

59 11.9 9.4 14.0



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





#23

Vinyl Acetate

Concen: 96.557 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

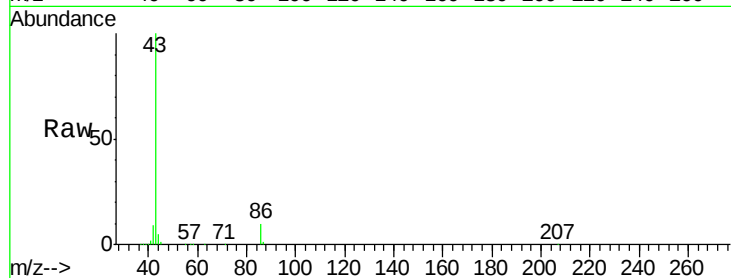
VU0620WBS02

Tgt Ion: 43 Resp: 628410

Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

250000

200000

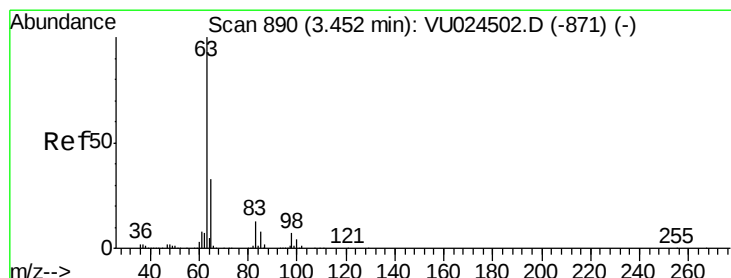
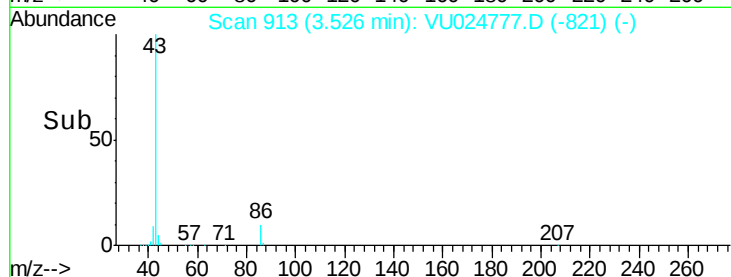
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.834 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

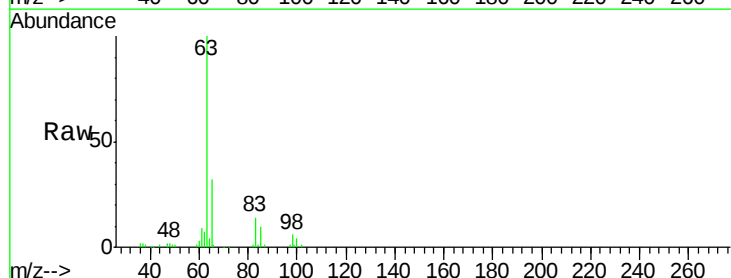
Tgt Ion: 63 Resp: 82898

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 3.9 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

3.45

40000

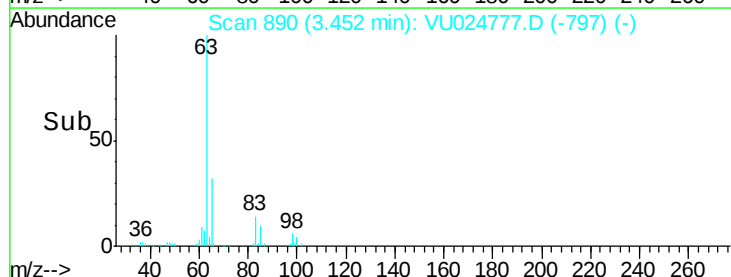
30000

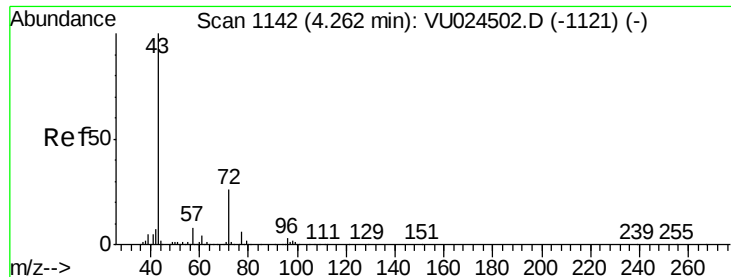
20000

10000

0

Time-->





#25

2-Butanone

Concen: 96.705 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

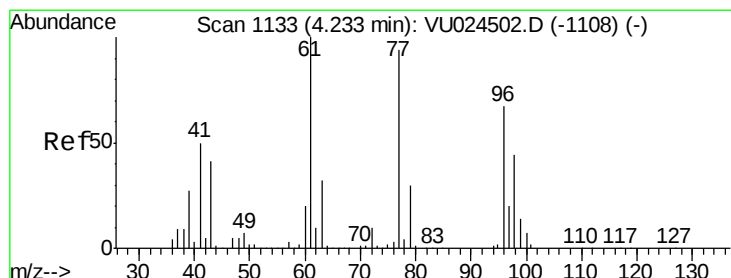
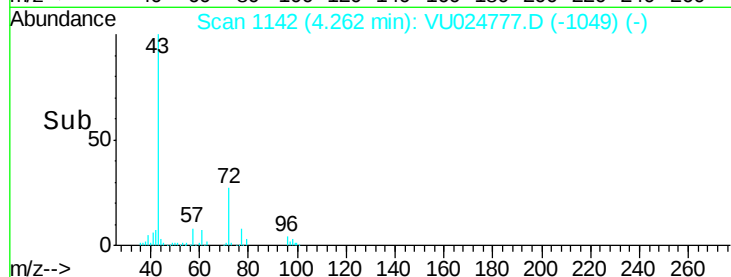
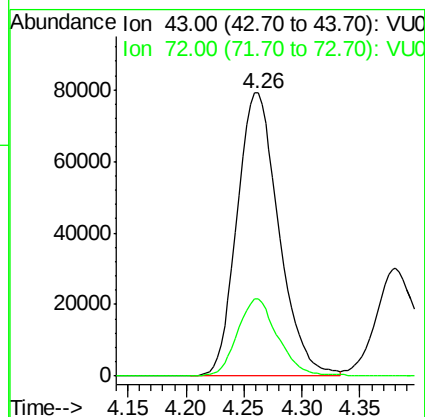
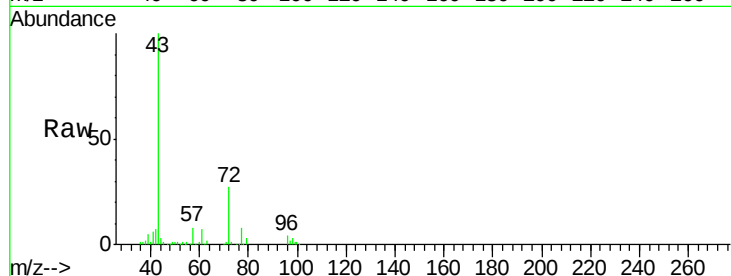
VU0620WBS02

Tgt Ion: 43 Resp: 197519

Ion Ratio Lower Upper

43 100

72 27.5 19.6 29.4



#26

2,2-Dichloropropane

Concen: 15.238 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024777.D

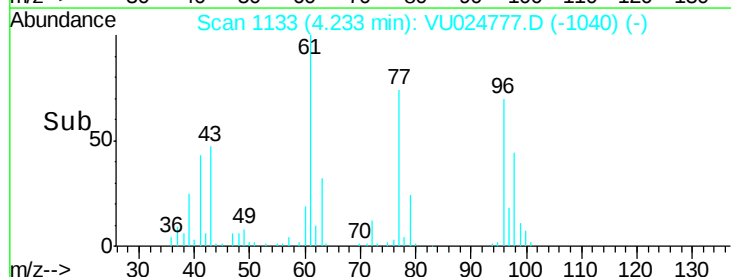
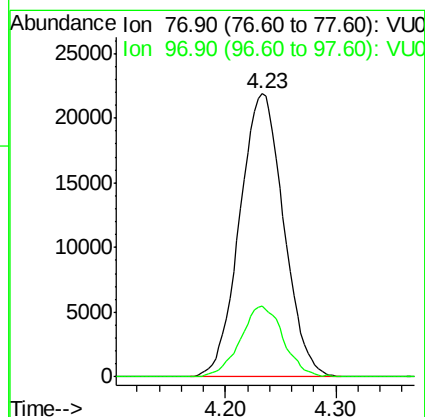
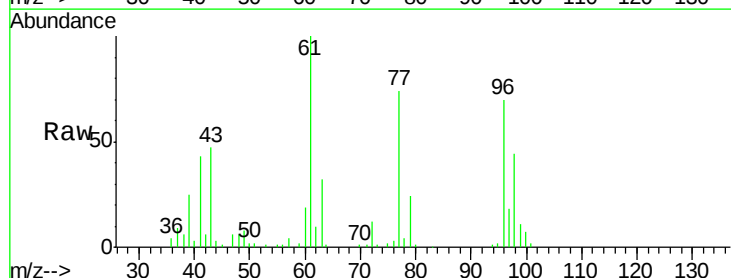
Acq: 21 Jun 2018 00:00

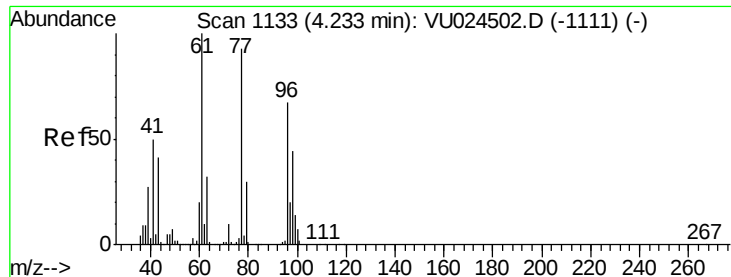
Tgt Ion: 77 Resp: 60476

Ion Ratio Lower Upper

77 100

97 24.2 11.3 33.8

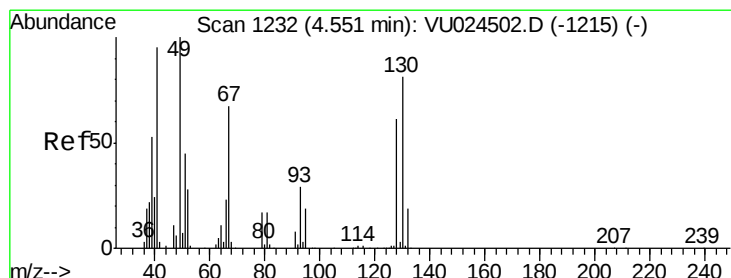
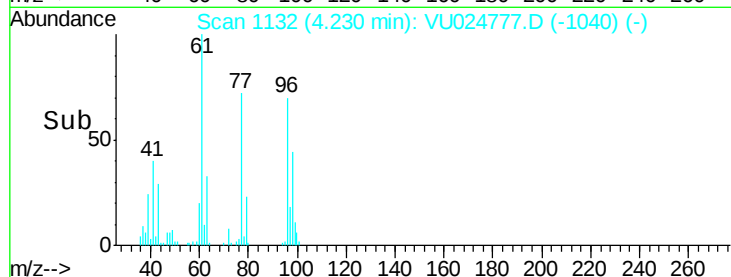
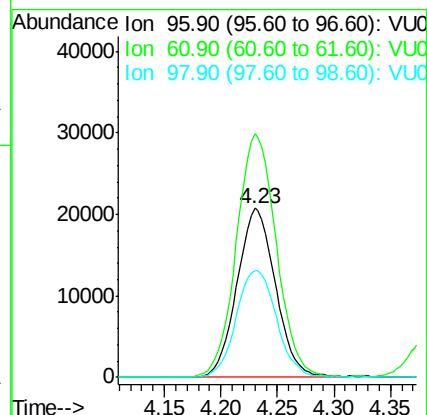
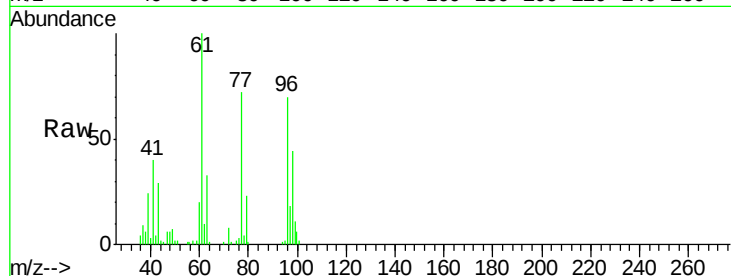




#27
 cis-1,2-Dichloroethene
 Concen: 19.714 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

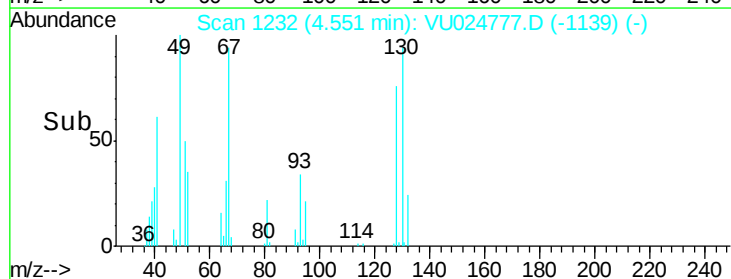
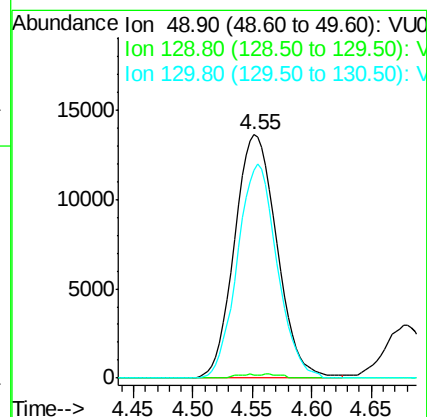
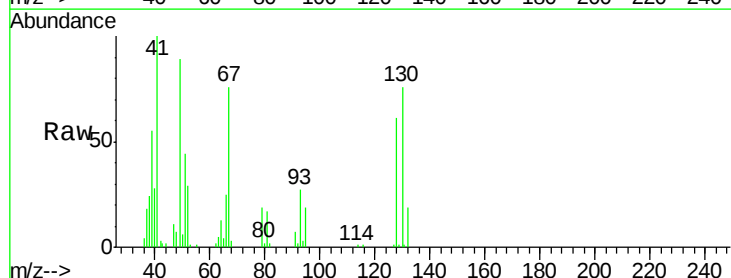
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

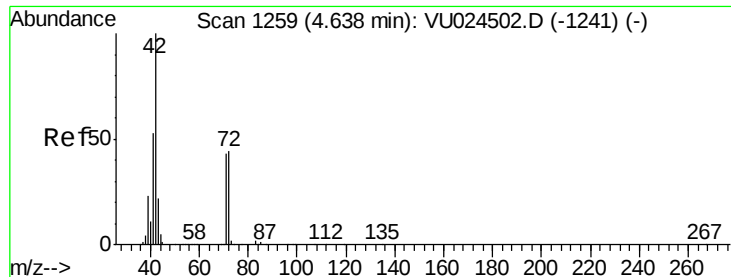
Tgt Ion: 96 Resp: 49274
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 306.6
 98 66.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.281 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion: 49 Resp: 33655
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.8
 130 82.2 57.8 86.6





#29

Tetrahydrofuran

Concen: 100.385 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

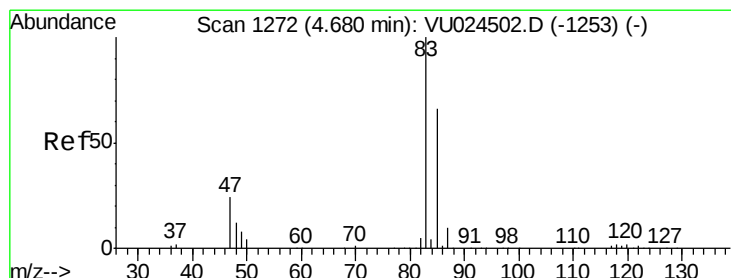
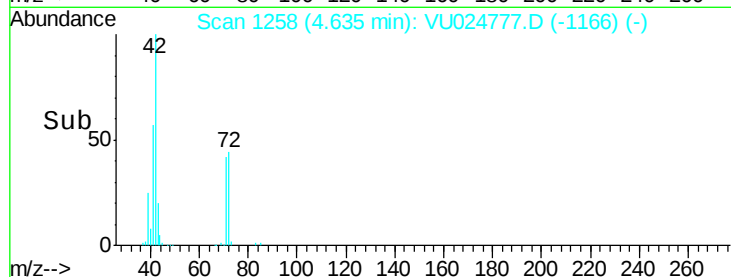
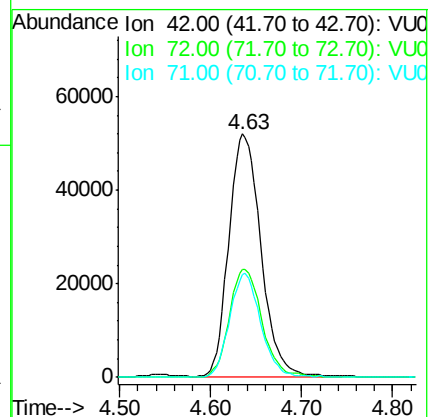
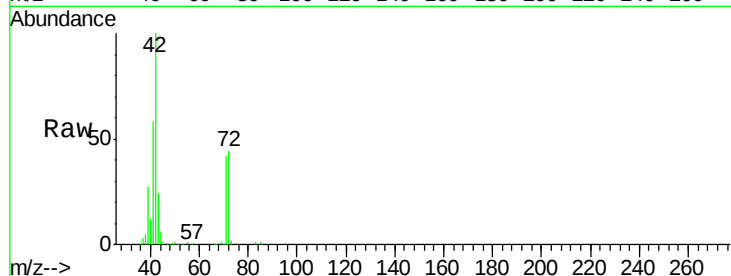
Tgt Ion: 42 Resp: 126971

Ion Ratio Lower Upper

42 100

72 45.7 34.5 51.7

71 41.6 32.2 48.4



#30

Chloroform

Concen: 20.086 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024777.D

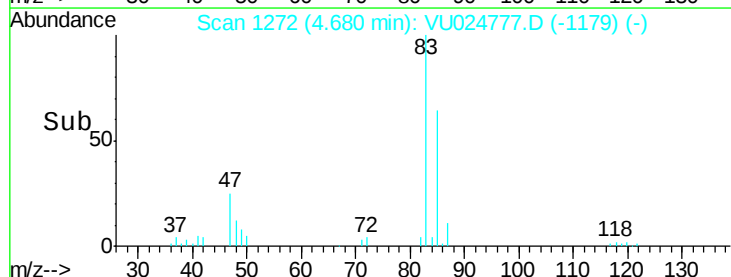
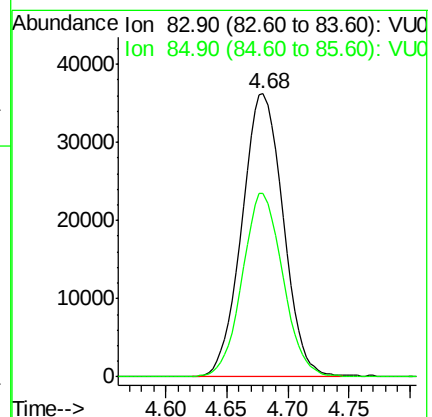
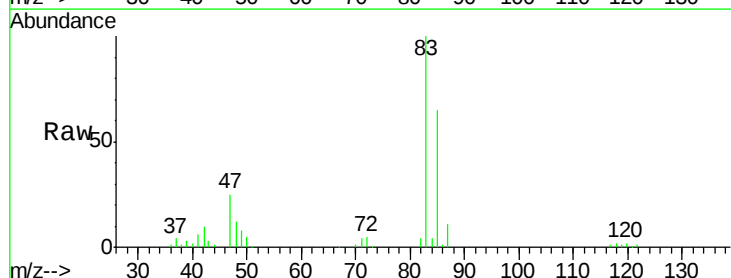
Acq: 21 Jun 2018 00:00

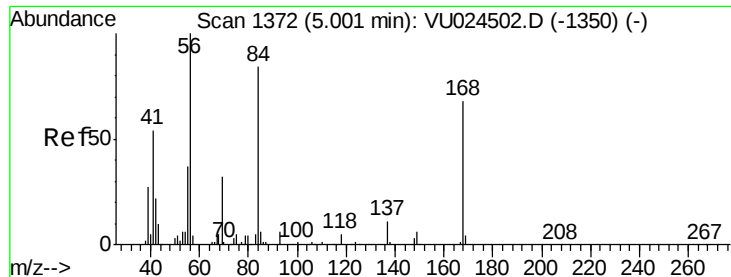
Tgt Ion: 83 Resp: 84970

Ion Ratio Lower Upper

83 100

85 64.7 52.4 78.6

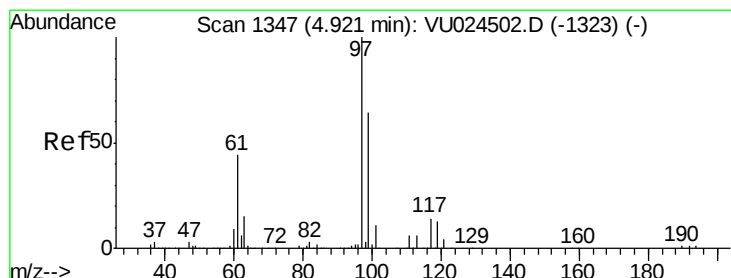
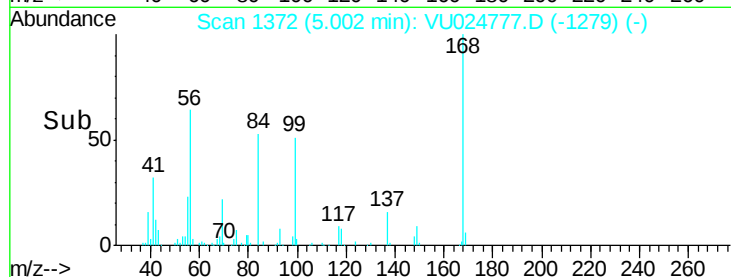
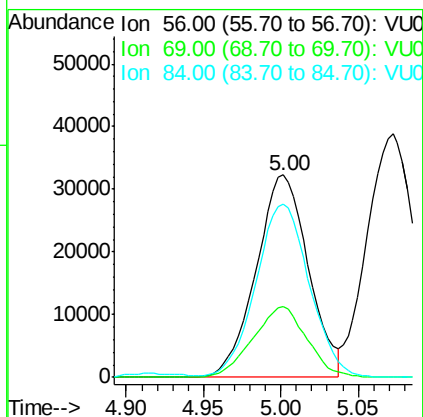
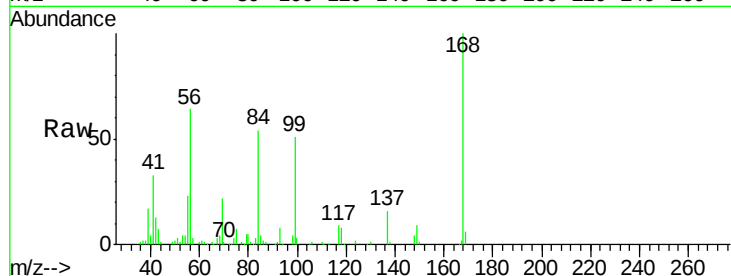




#31
Cyclohexane
Concen: 19.248 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

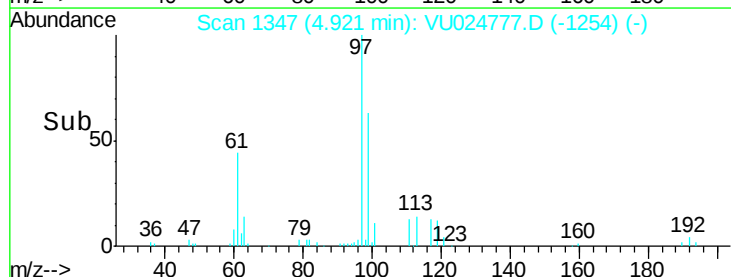
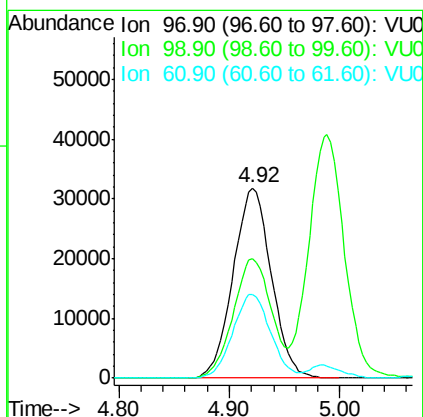
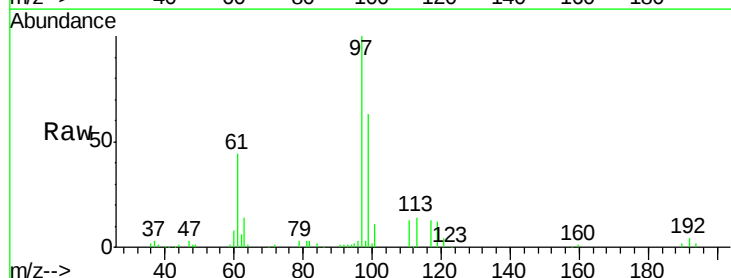
Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

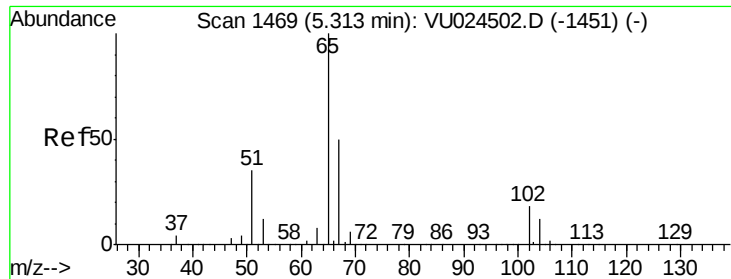
Tgt Ion: 56 Resp: 75944
Ion Ratio Lower Upper
56 100
69 34.9 24.8 37.2
84 84.6 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 19.497 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion: 97 Resp: 76271
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 43.6 39.4 59.0





#33

1,2-Dichloroethane-d4

Concen: 42.990 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

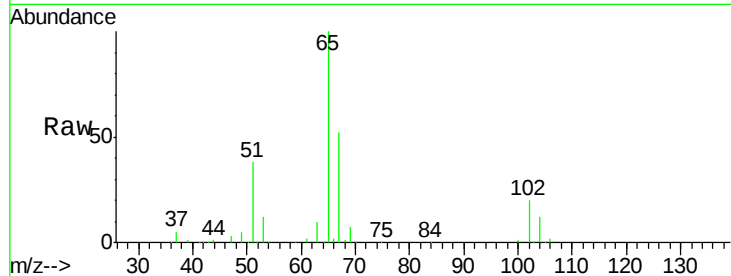
VU0620WBS02

Tgt Ion: 65 Resp: 121663

Ion Ratio Lower Upper

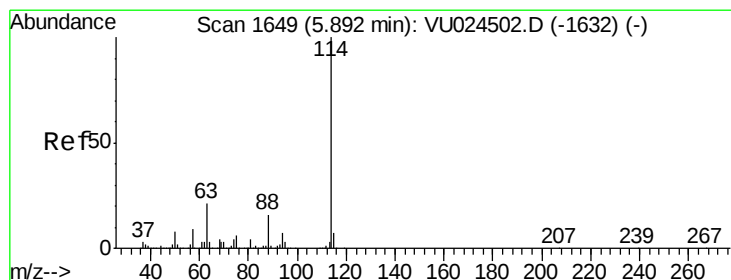
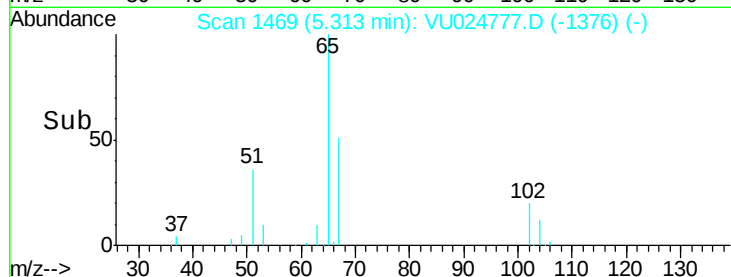
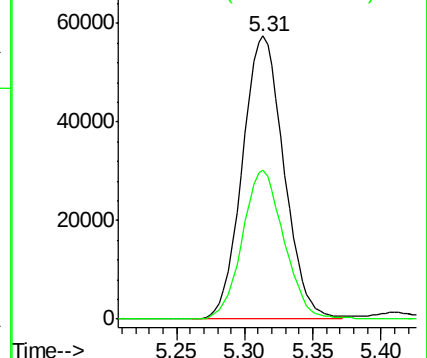
65 100

67 52.5 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# 1649

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

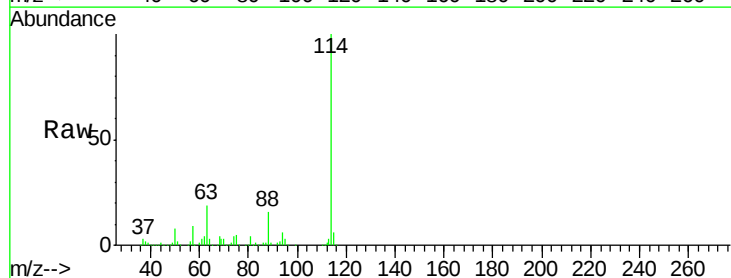
Tgt Ion: 114 Resp: 272228

Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.4

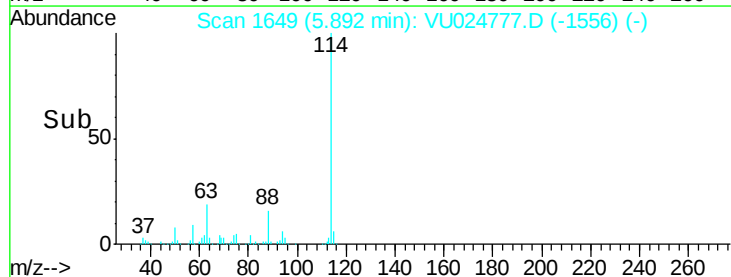
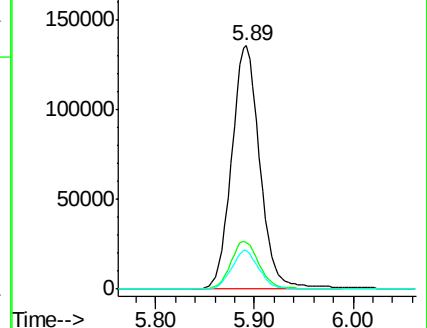
88 15.8 0.0 31.0

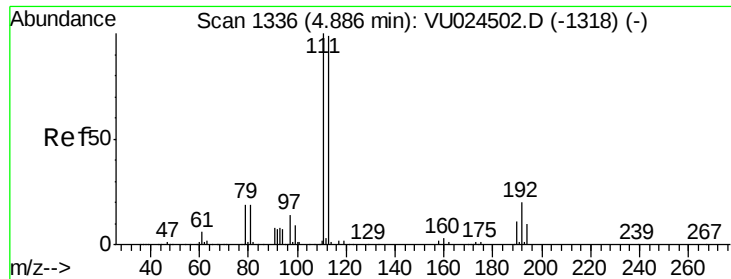


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

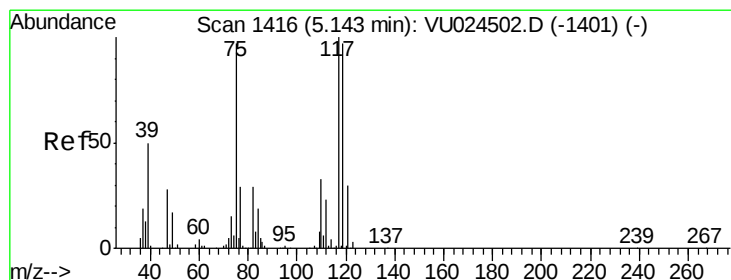
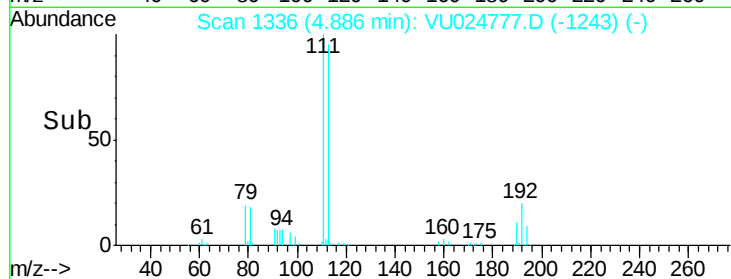
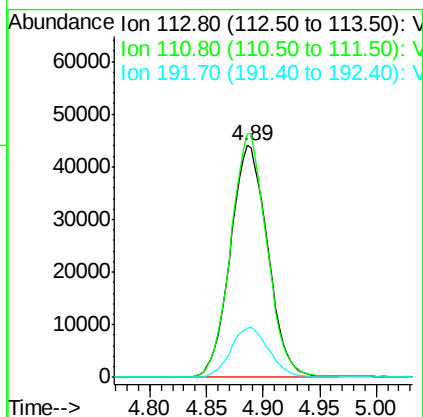
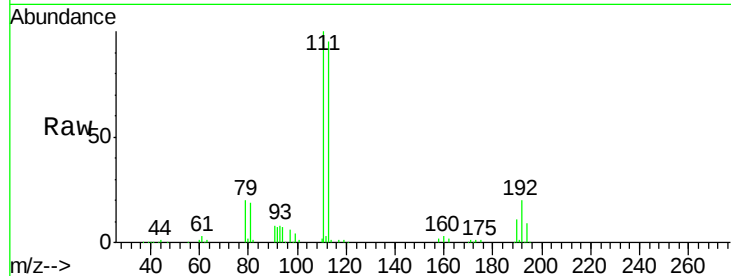




#35
 Dibromofluoromethane
 Concen: 44.902 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

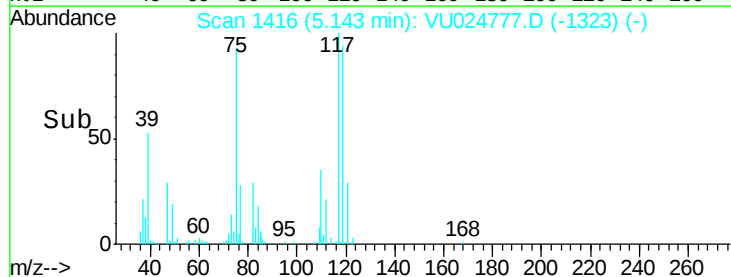
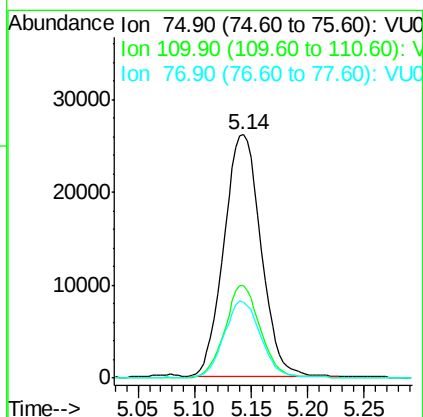
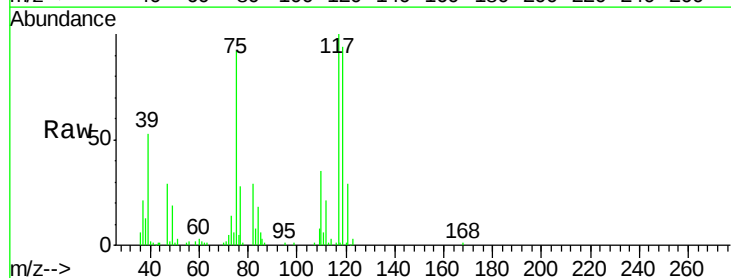
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

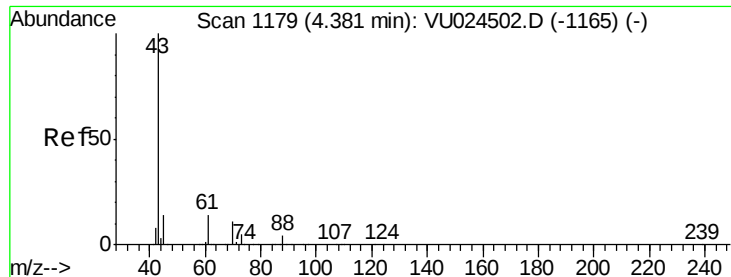
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	21.8	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 18.641 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.0	50.9
77	31.7	24.2	36.4

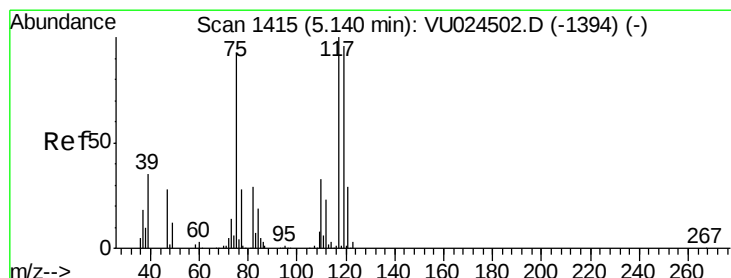
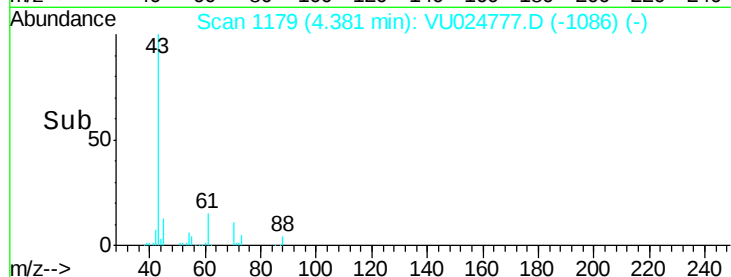
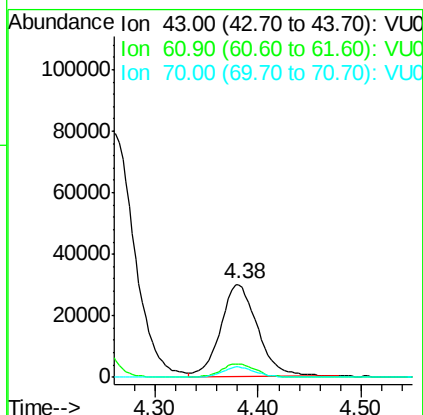
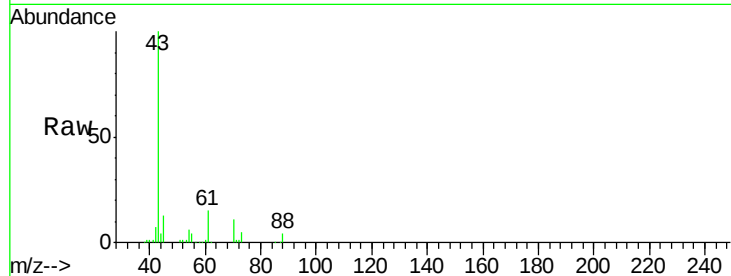




#37
 Ethyl Acetate
 Concen: 21.308 ug/l
 RT: 4.38 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

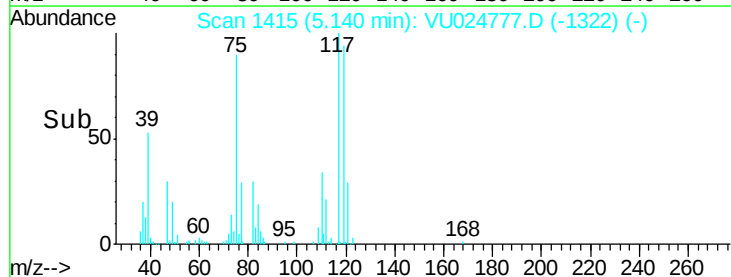
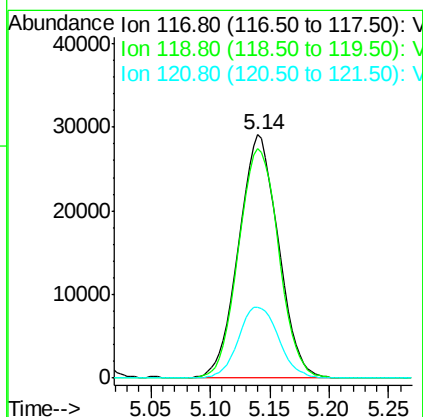
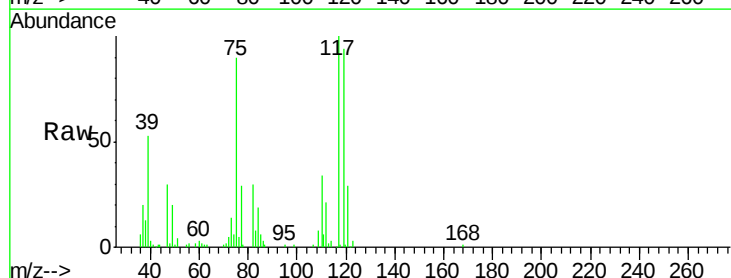
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

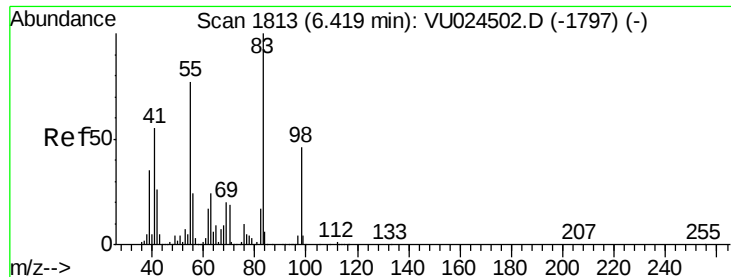
Tgt Ion: 43 Resp: 74290
 Ion Ratio Lower Upper
 43 100
 61 13.9 10.5 15.7
 70 10.3 7.4 11.2



#38
 Carbon Tetrachloride
 Concen: 19.132 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion: 117 Resp: 67300
 Ion Ratio Lower Upper
 117 100
 119 94.5 76.1 114.1
 121 29.1 23.7 35.5

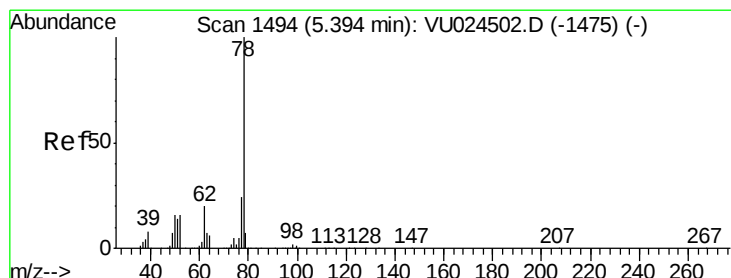
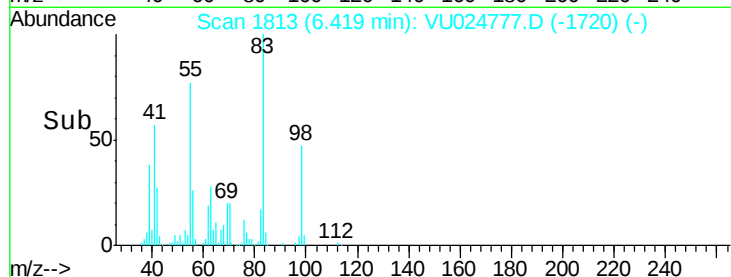
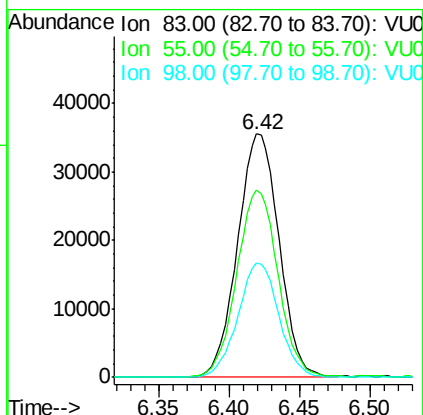
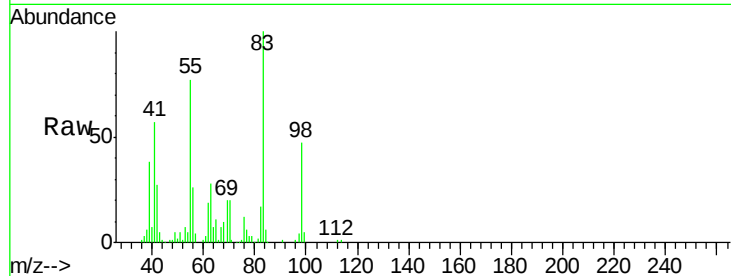




#39
Methylcyclohexane
Concen: 18.383 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

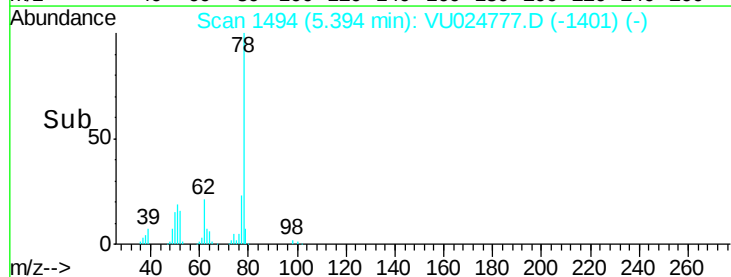
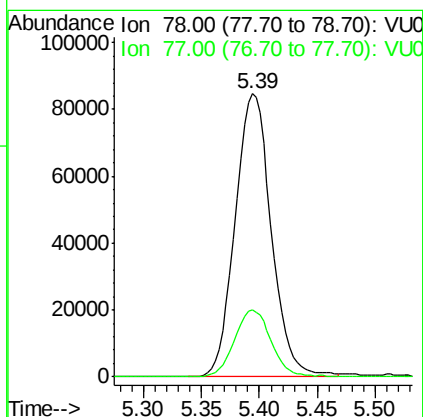
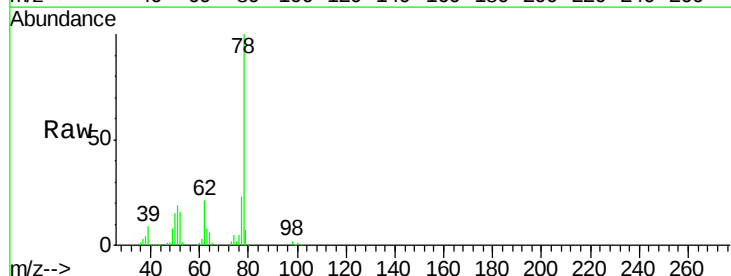
Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

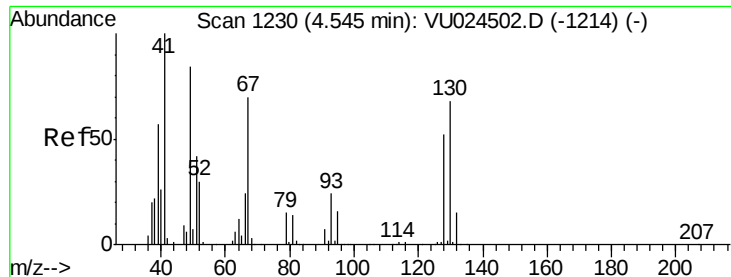
Tgt Ion: 83 Resp: 73384
Ion Ratio Lower Upper
83 100
55 76.4 65.8 98.6
98 47.0 36.7 55.1



#40
Benzene
Concen: 20.159 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion: 78 Resp: 183753
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8





#41

Methacrylonitrile

Concen: 21.661 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tgt Ion: 41 Resp: 40718

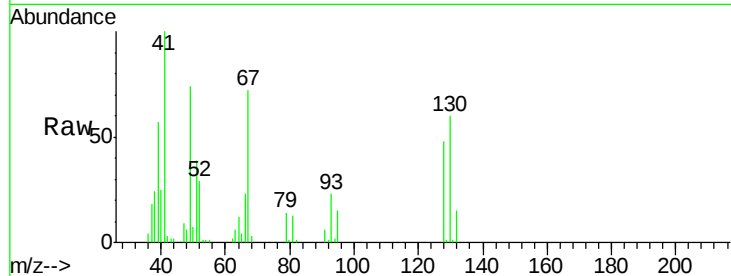
Ion Ratio Lower Upper

41 100

39 58.1 43.8 65.6

67 72.5 56.3 84.5

52 30.3 23.2 34.8

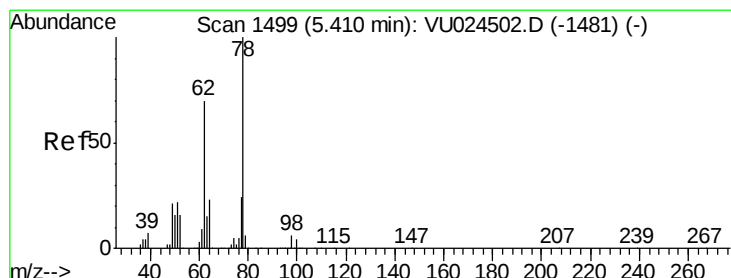
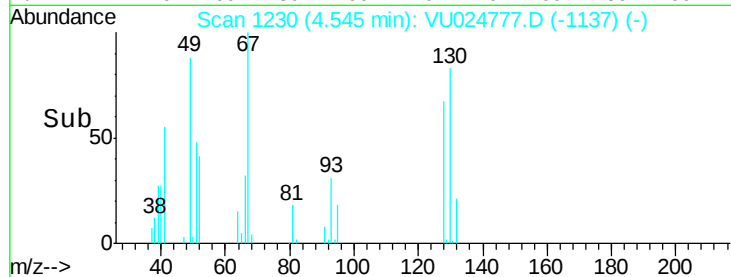
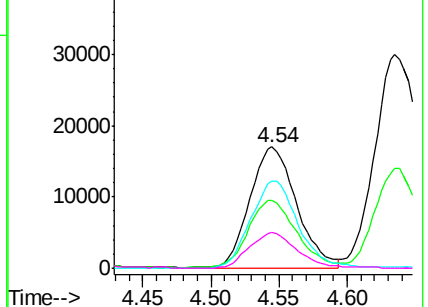


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 19.946 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU024777.D

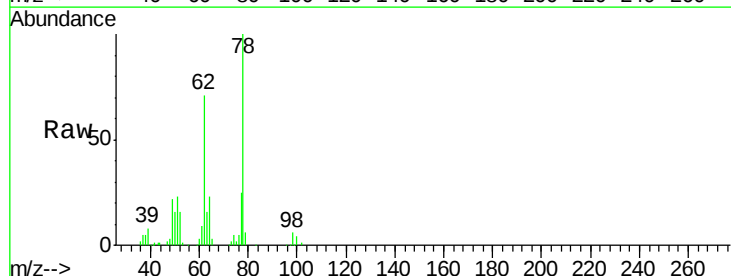
Acq: 21 Jun 2018 00:00

Tgt Ion: 62 Resp: 69246

Ion Ratio Lower Upper

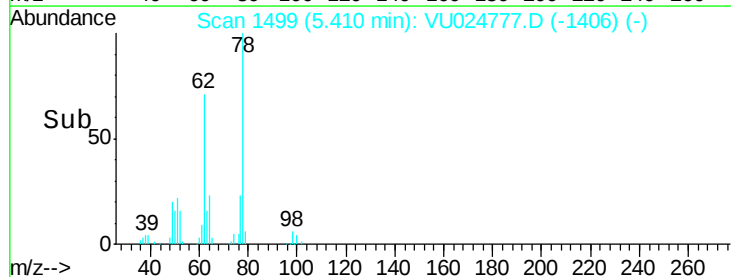
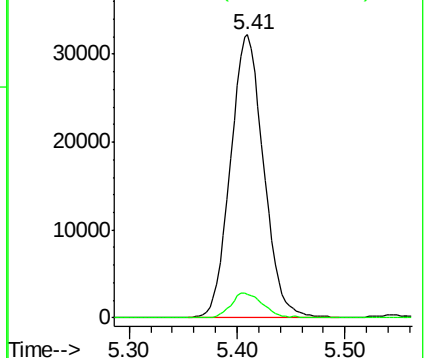
62 100

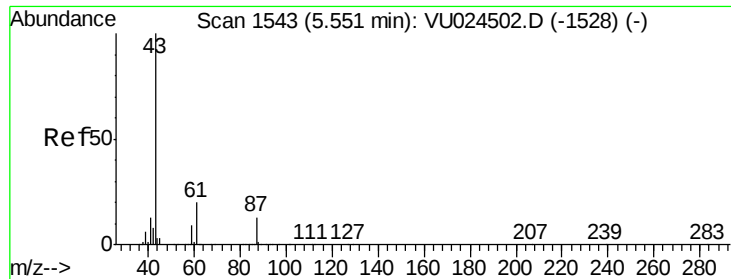
98 8.4 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 19.738 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

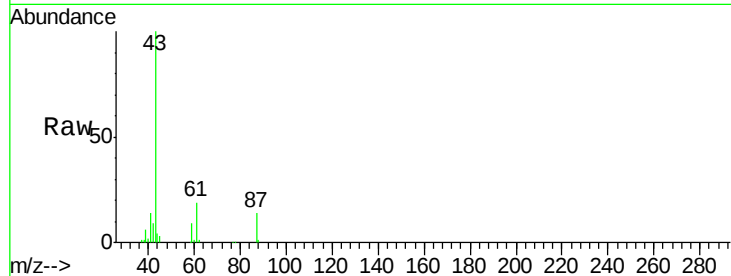
Tgt Ion: 43 Resp: 118956

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.0

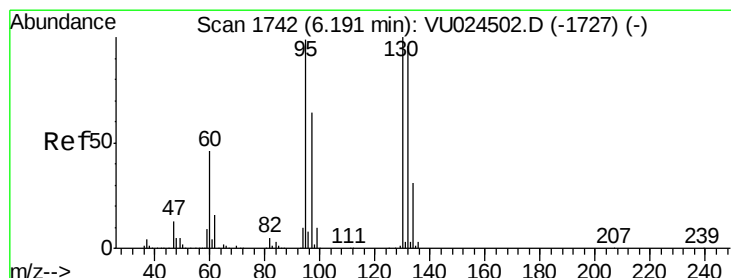
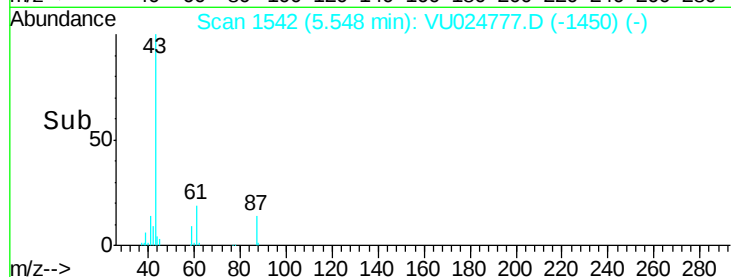
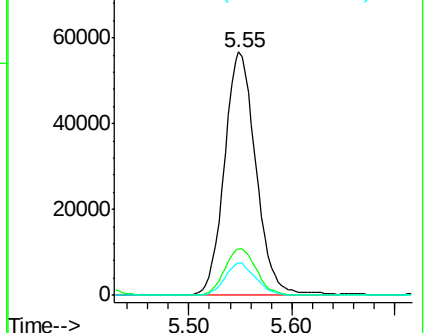
87 13.0 10.0 15.0



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

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

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



#44

Trichloroethene

Concen: 19.306 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024777.D

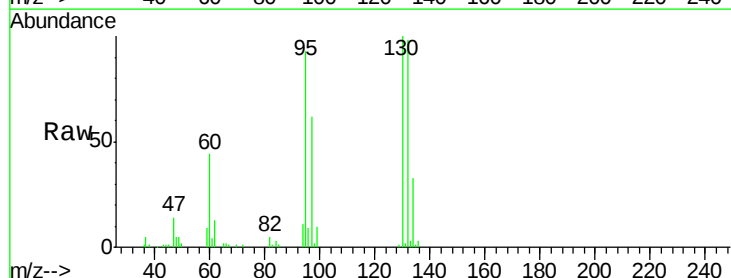
Acq: 21 Jun 2018 00:00

Tgt Ion: 130 Resp: 50082

Ion Ratio Lower Upper

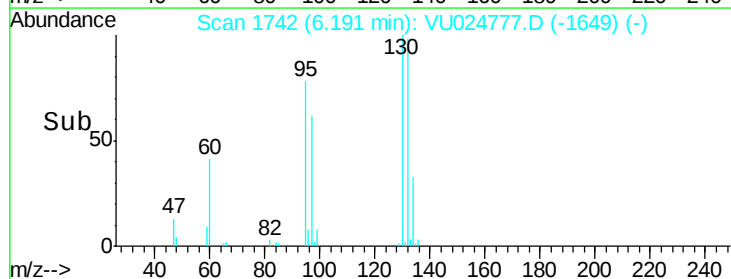
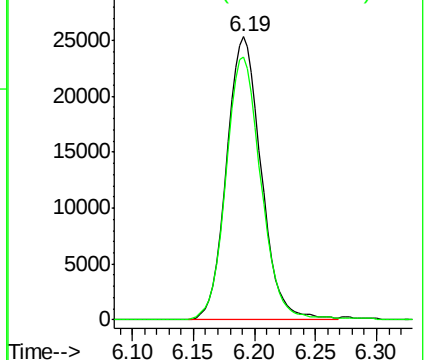
130 100

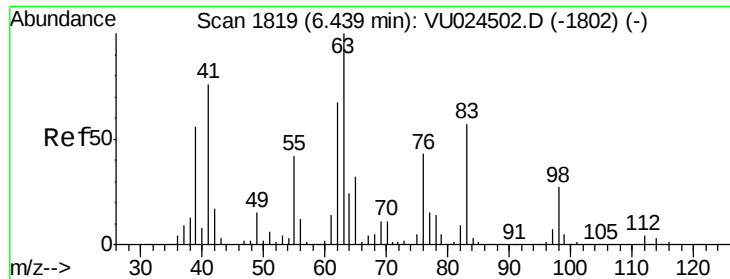
95 93.1 0.0 202.4



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

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

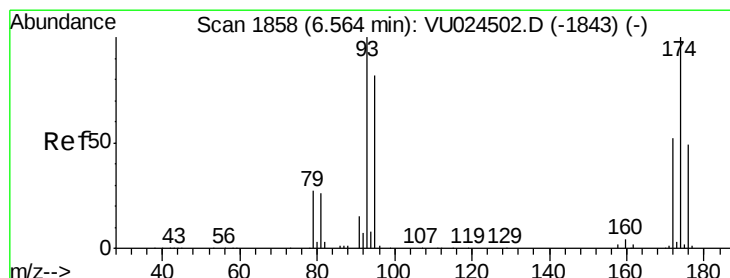
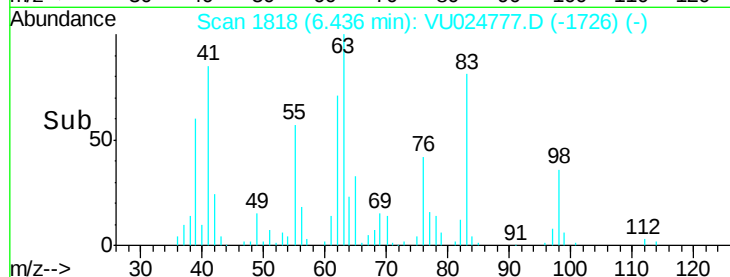
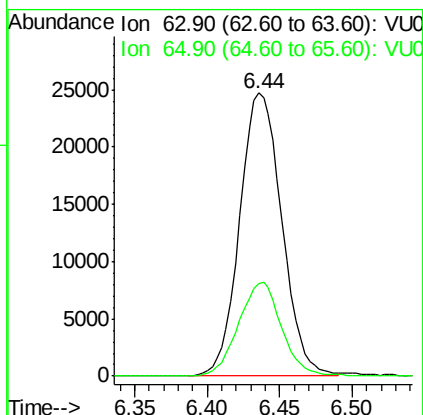
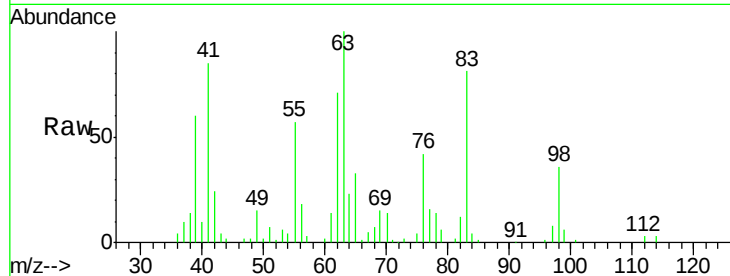




#45
 1,2-Dichloropropane
 Concen: 20.559 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

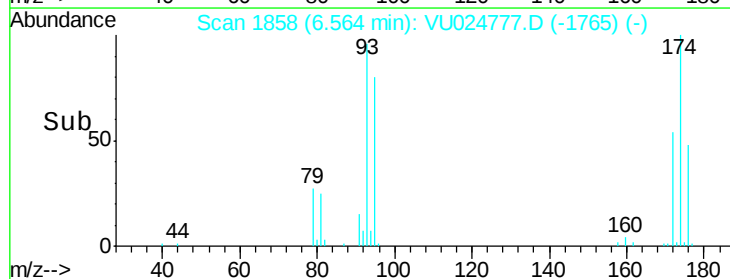
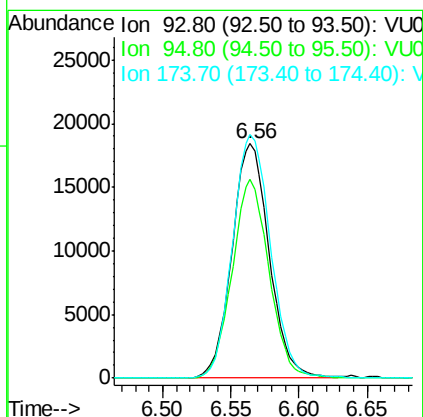
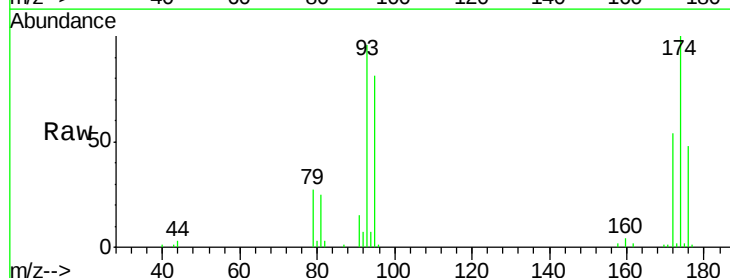
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

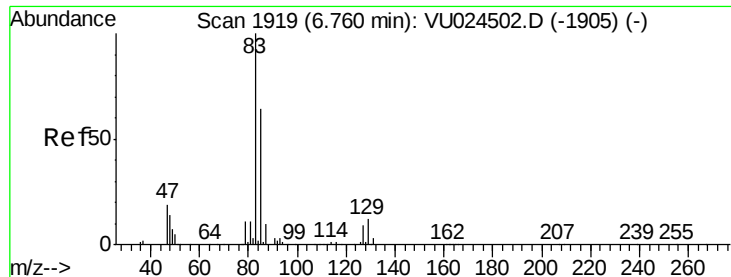
Tgt Ion: 63 Resp: 50002
 Ion Ratio Lower Upper
 63 100
 65 33.0 24.8 37.2



#46
 Dibromomethane
 Concen: 20.518 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion: 93 Resp: 35052
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.5 98.3
 174 105.6 78.7 118.1





#47

Bromodichloromethane

Concen: 19.272 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

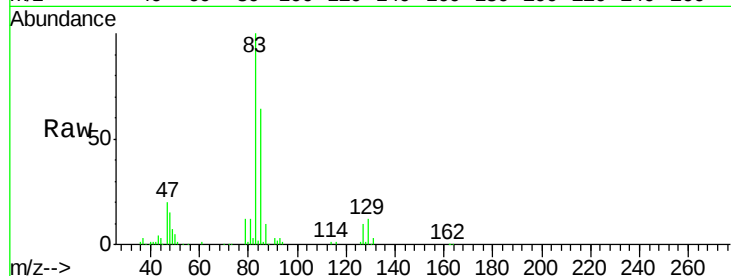
Tgt Ion: 83 Resp: 65560

Ion Ratio Lower Upper

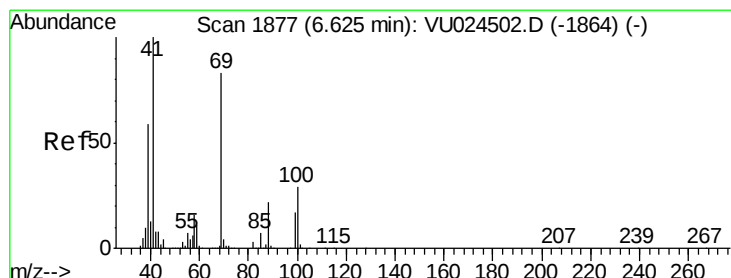
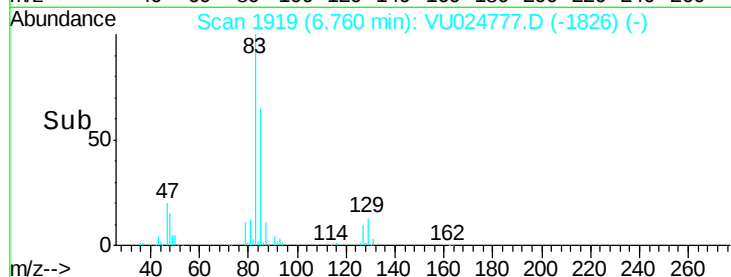
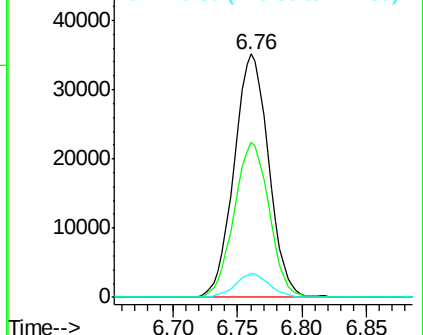
83 100

85 63.9 51.9 77.9

127 9.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.254 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

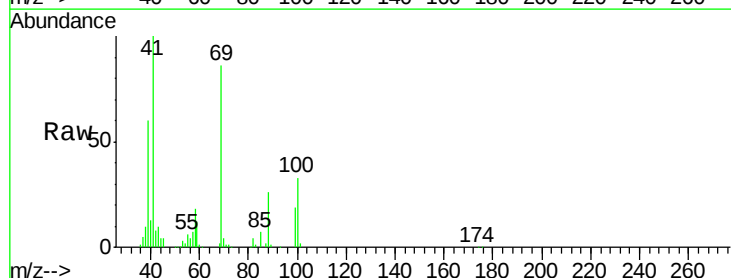
Tgt Ion: 41 Resp: 59437

Ion Ratio Lower Upper

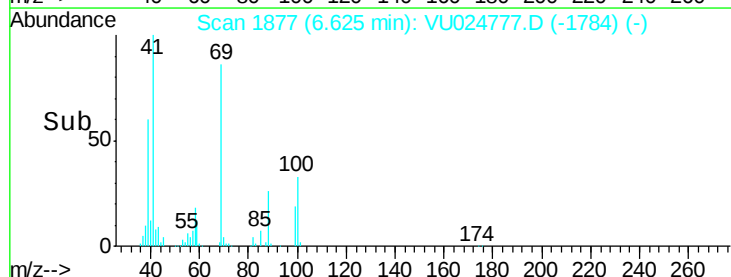
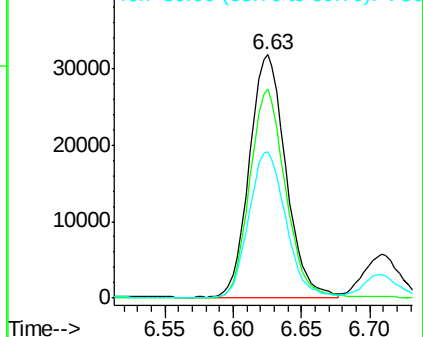
41 100

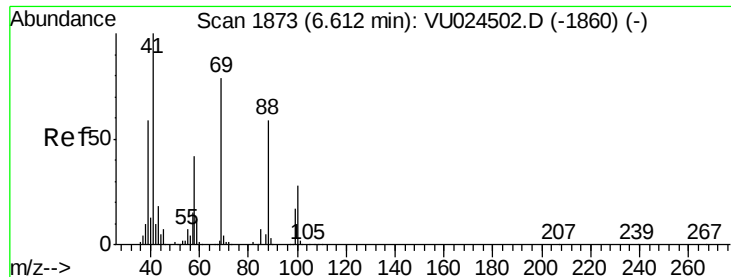
69 83.6 67.3 100.9

39 61.0 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

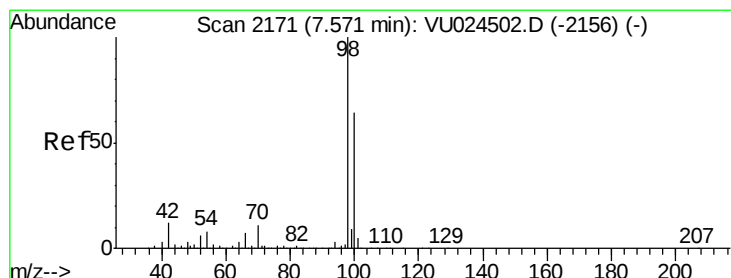
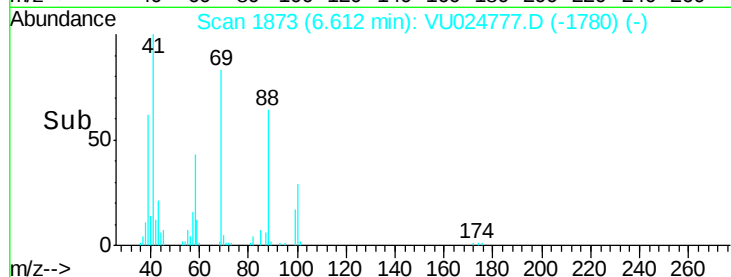
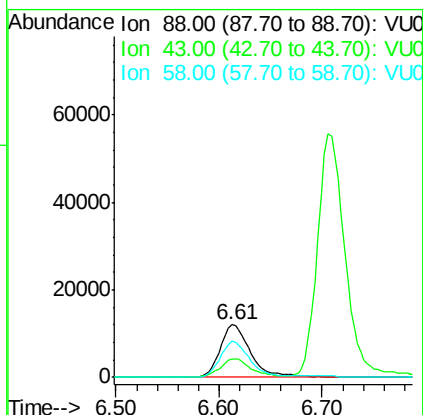
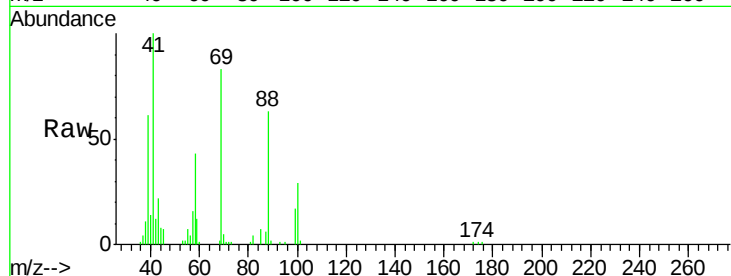




#49
 1,4-Dioxane
 Concen: 432.564 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

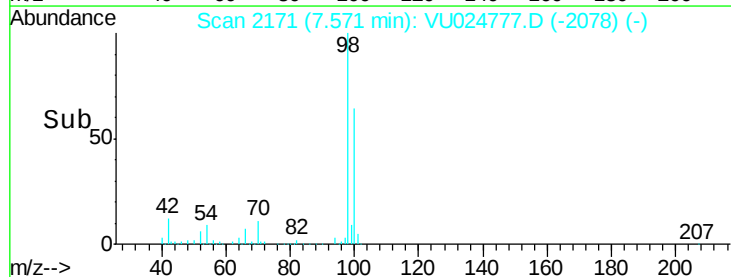
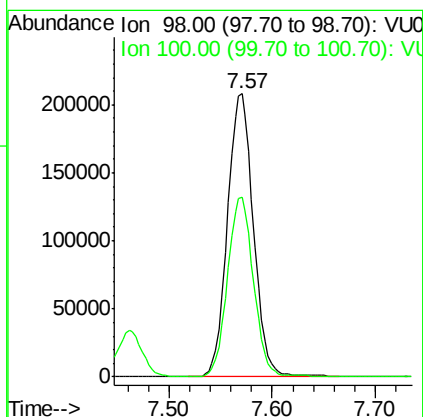
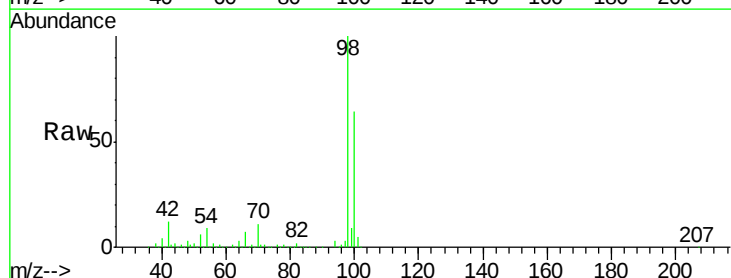
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

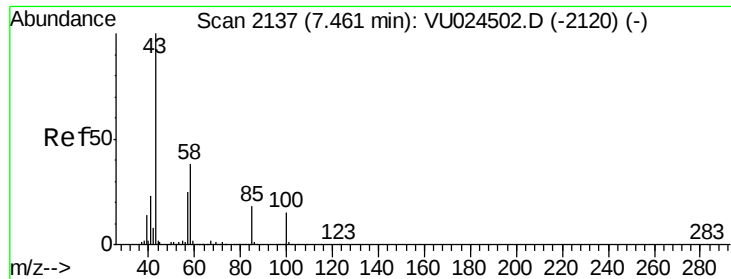
Tgt Ion: 88 Resp: 24825
 Ion Ratio Lower Upper
 88 100
 43 33.5 28.6 42.8
 58 65.9 58.2 87.4



#50
 Toluene-d8
 Concen: 44.375 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion: 98 Resp: 365688
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.1 76.7

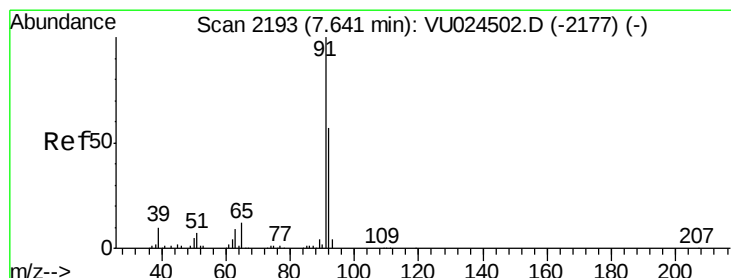
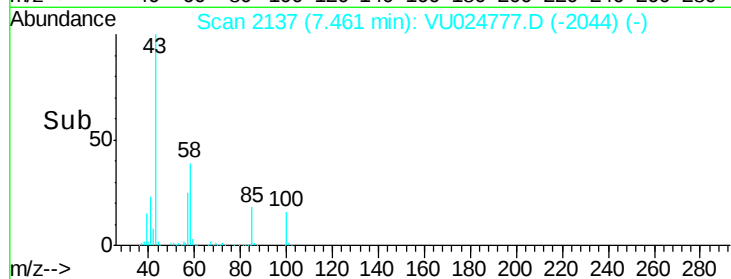
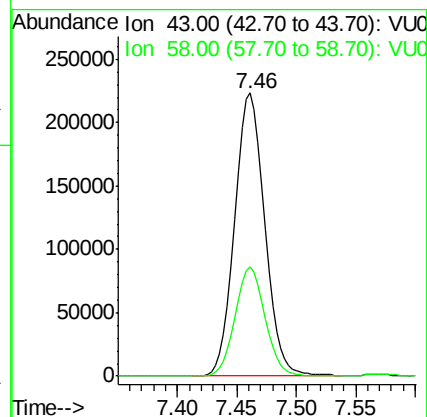
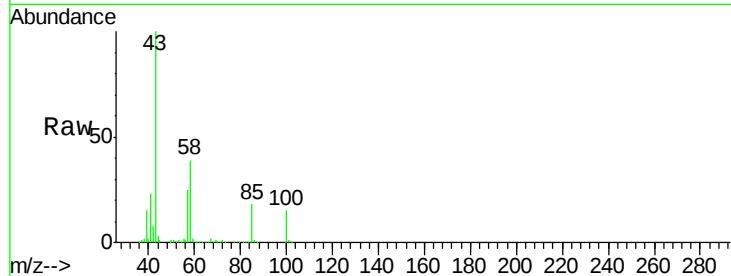




#51
 4-Methyl-2-Pentanone
 Concen: 103.393 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

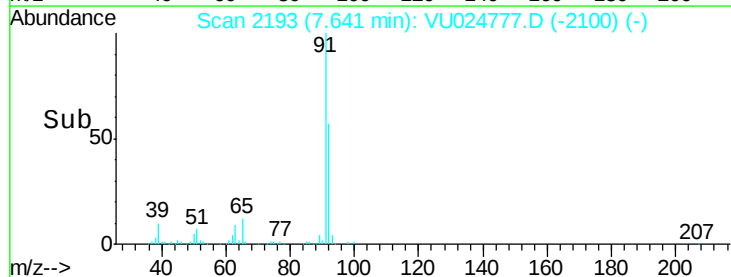
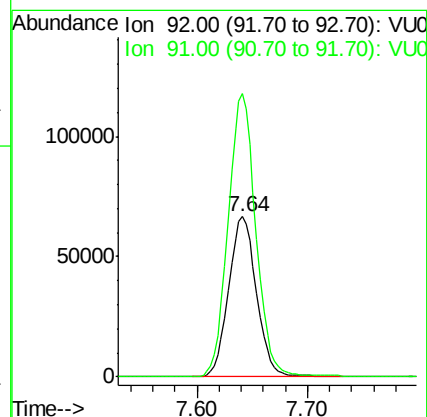
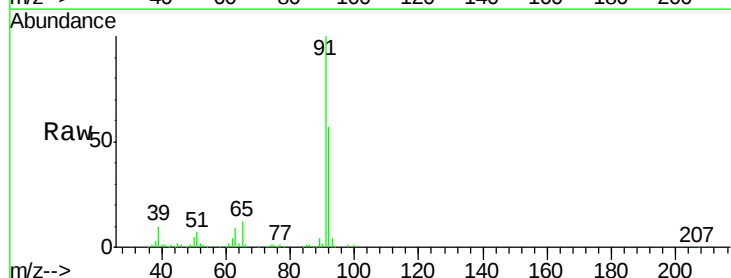
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

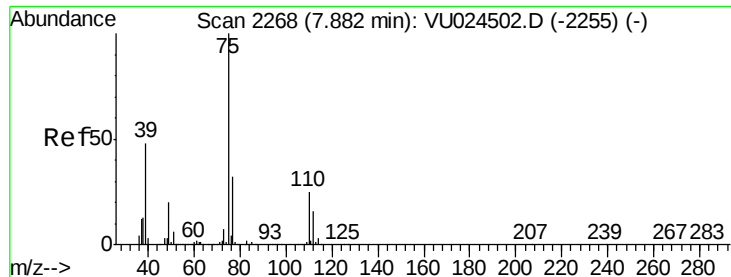
Tgt Ion: 43 Resp: 391475
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.0 45.0



#52
 Toluene
 Concen: 19.946 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion: 92 Resp: 116968
 Ion Ratio Lower Upper
 92 100
 91 175.3 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 18.126 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

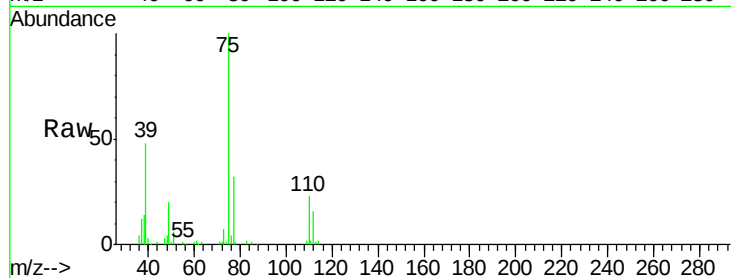
VU0620WBS02

Tgt Ion: 75 Resp: 69247

Ion Ratio Lower Upper

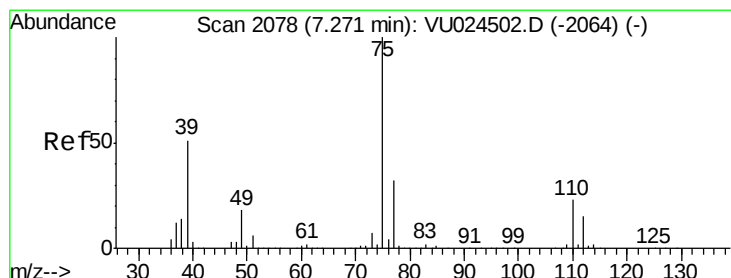
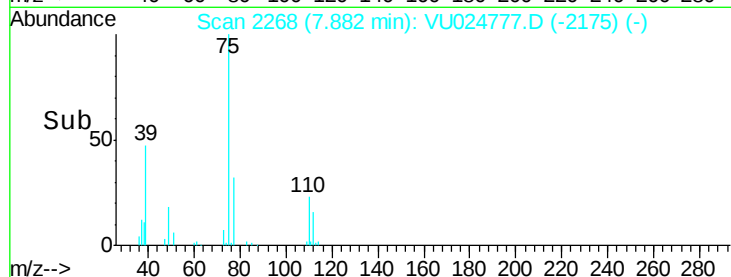
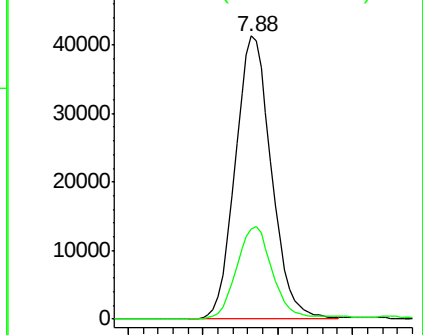
75 100

77 32.0 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: 18.441 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

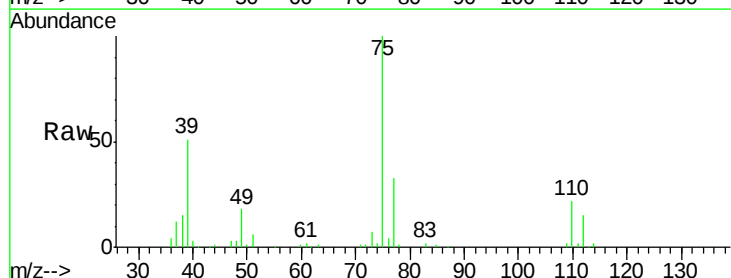
Tgt Ion: 75 Resp: 75070

Ion Ratio Lower Upper

75 100

77 32.7 24.6 36.8

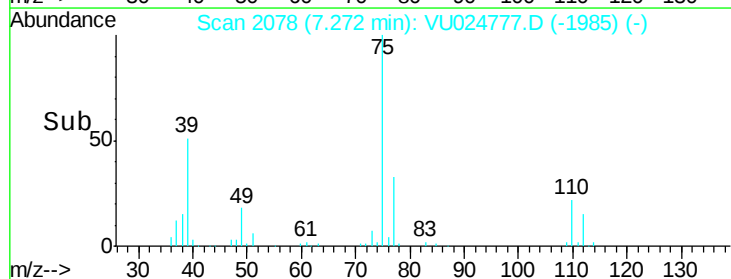
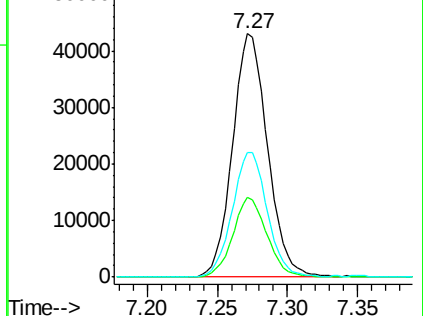
39 51.4 39.8 59.6

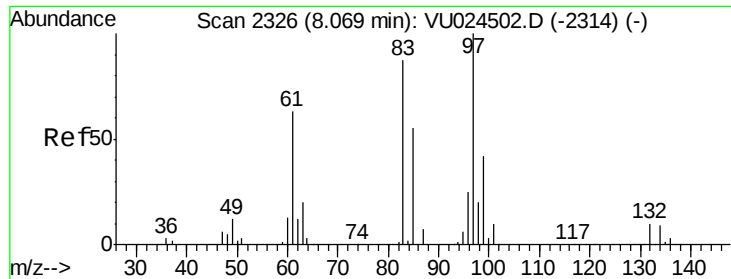


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

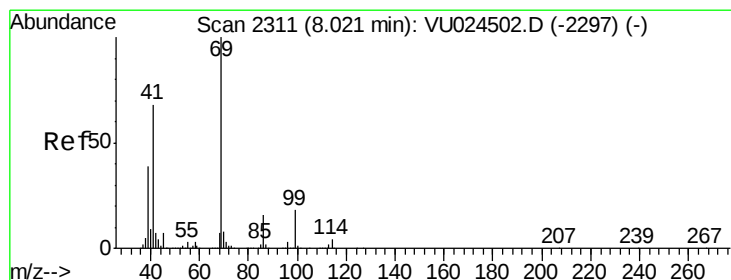
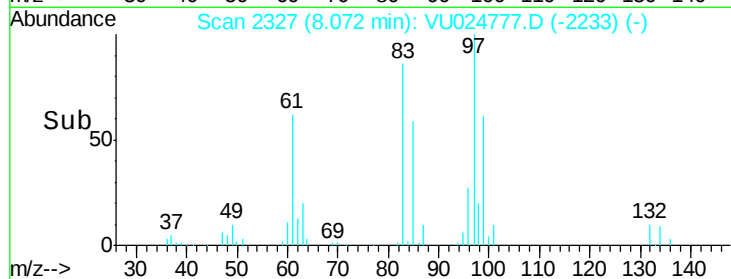
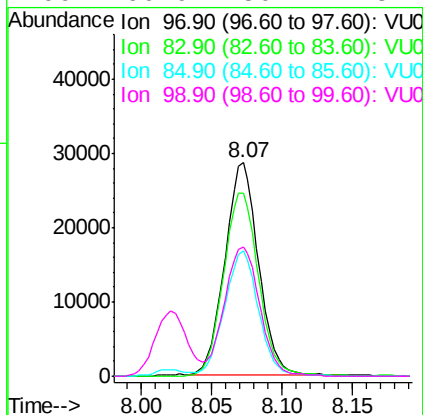
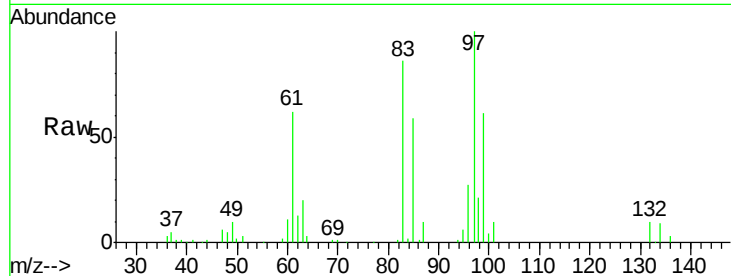




#55
 1,1,2-Trichloroethane
 Concen: 19.951 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

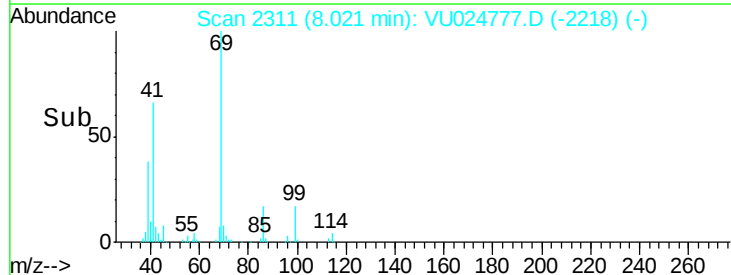
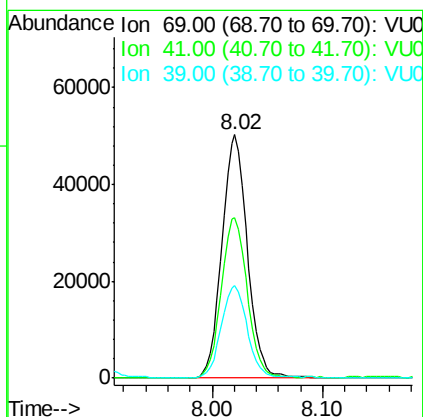
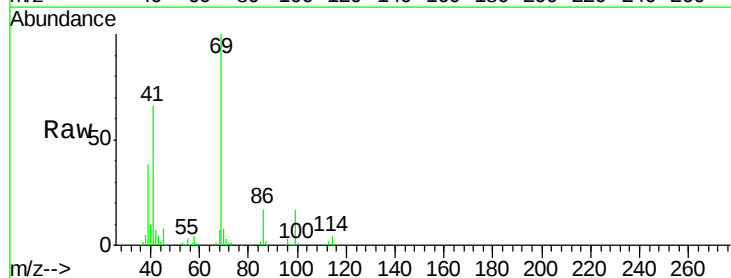
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

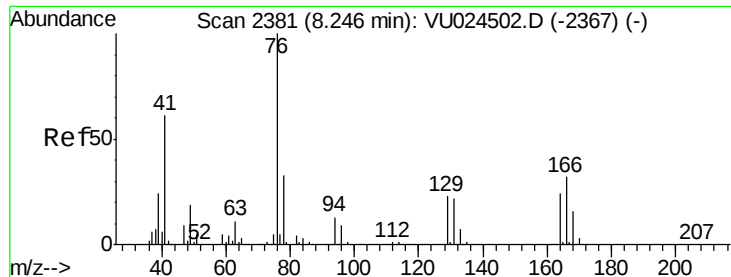
Tgt Ion:	97	Resp:	47559
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.5	105.7
85	59.1	46.4	69.6
99	60.9	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 20.234 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion:	69	Resp:	80731
Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.1	81.1
39	39.3	30.3	45.5





#57

1,3-Dichloropropane

Concen: 20.557 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

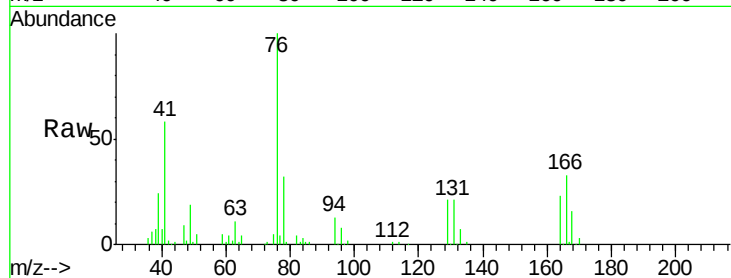
VU0620WBS02

Tgt Ion: 76 Resp: 82664

Ion Ratio Lower Upper

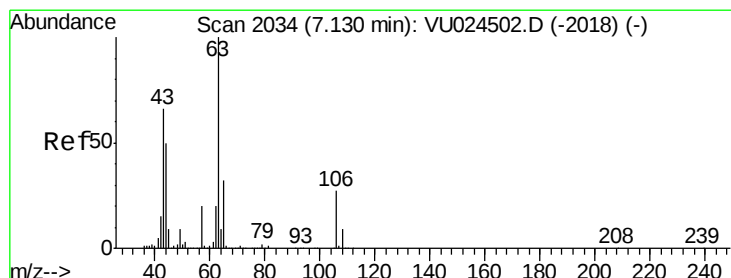
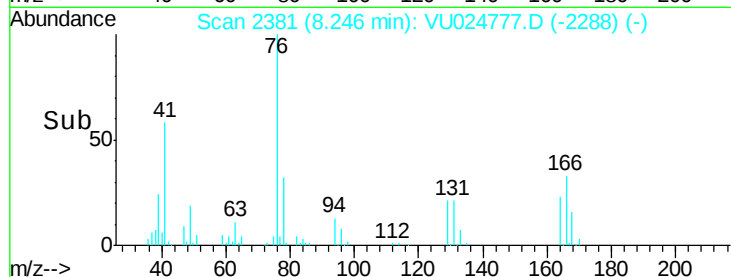
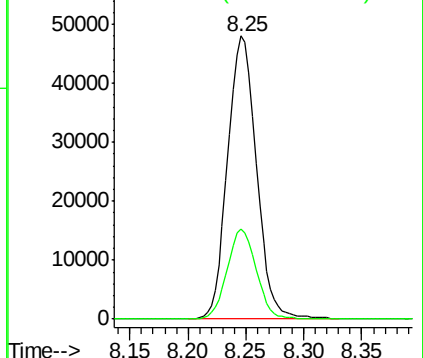
76 100

78 32.0 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: 91.712 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024777.D

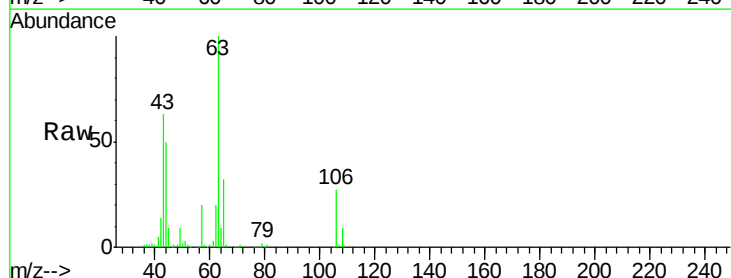
Acq: 21 Jun 2018 00:00

Tgt Ion: 63 Resp: 140184

Ion Ratio Lower Upper

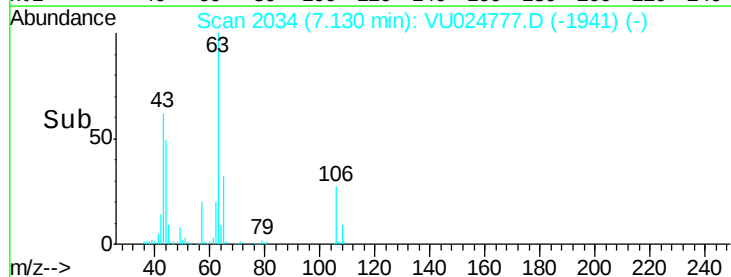
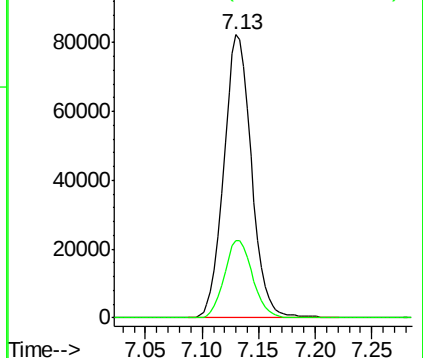
63 100

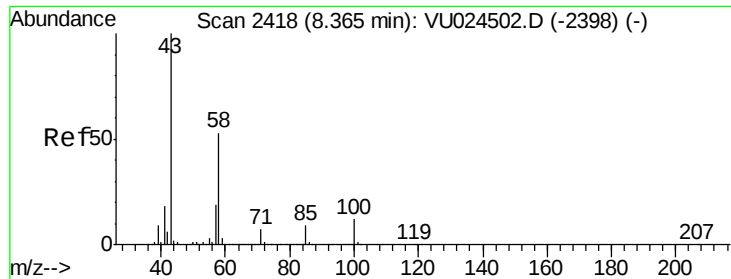
106 27.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

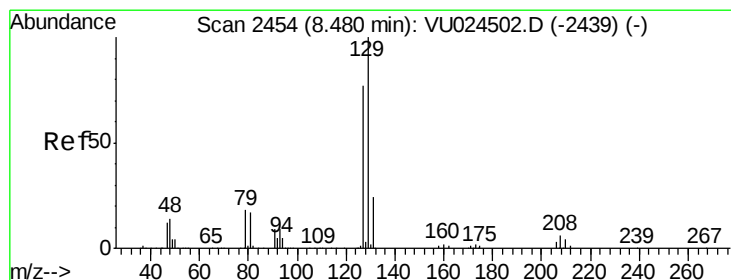
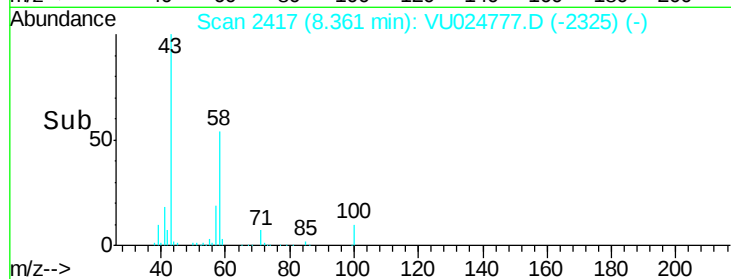
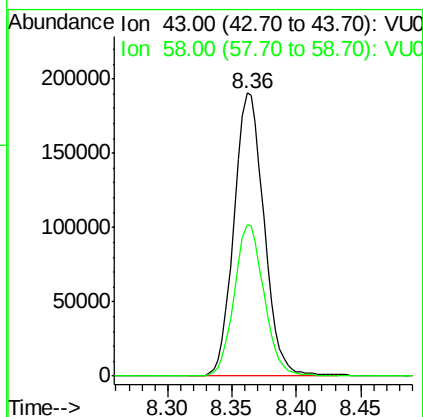
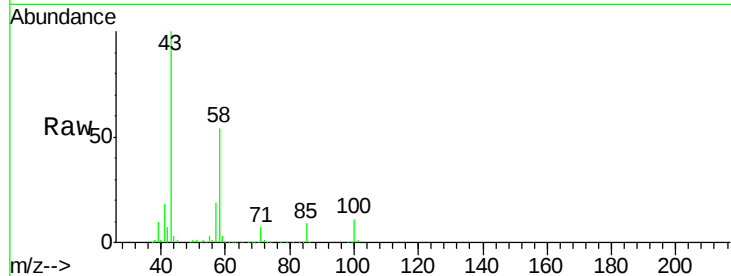




#59
2-Hexanone
Concen: 99.577 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

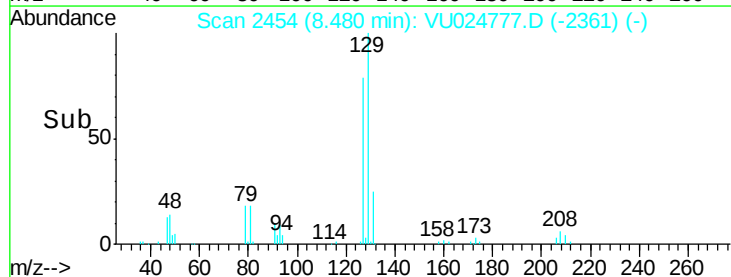
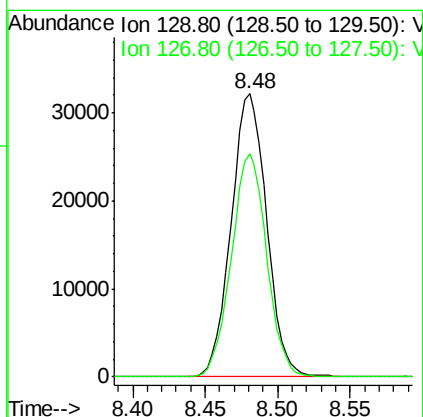
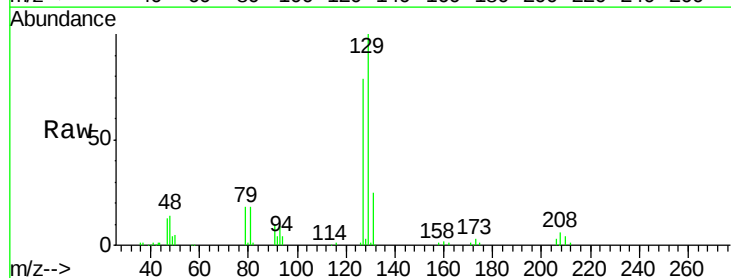
Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

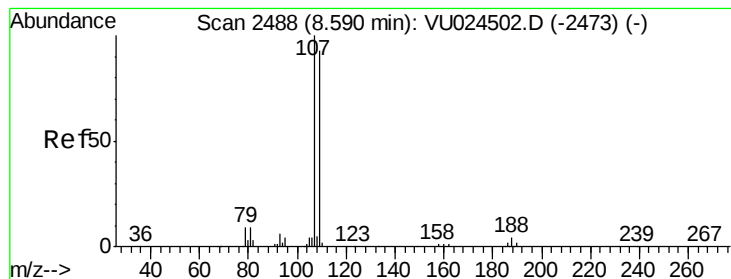
Tgt Ion: 43 Resp: 307805
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.0



#60
Dibromochloromethane
Concen: 18.386 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion: 129 Resp: 54653
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.882 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

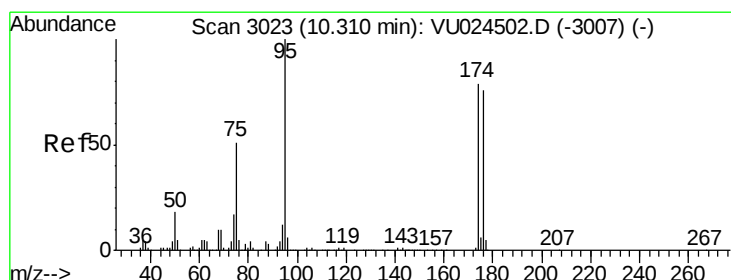
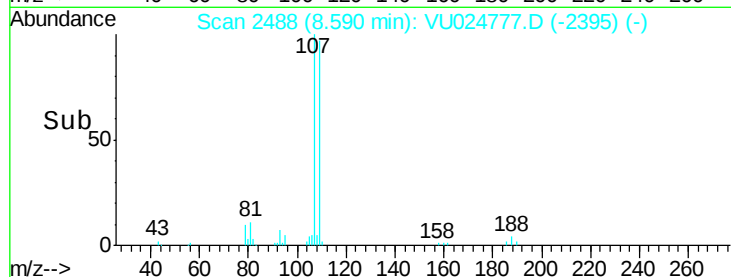
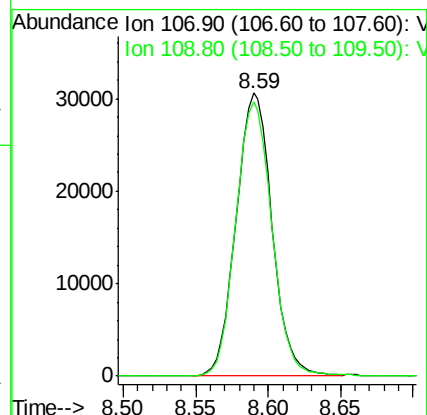
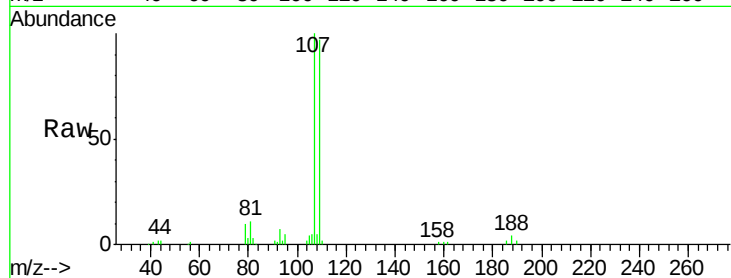
VU0620WBS02

Tgt Ion: 107 Resp: 52751

Ion Ratio Lower Upper

107 100

109 97.4 74.5 111.7



#62

4-Bromofluorobenzene

Concen: 42.634 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

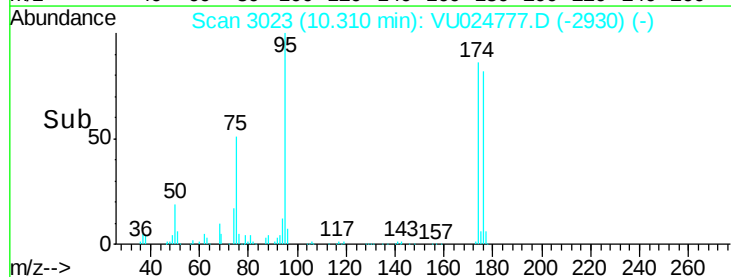
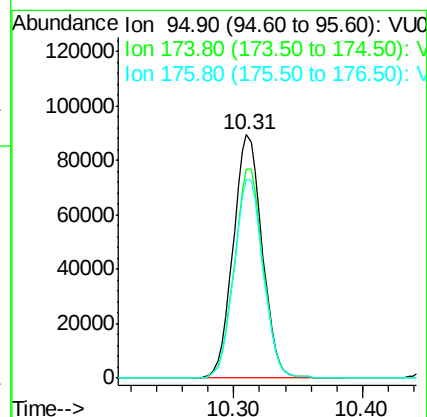
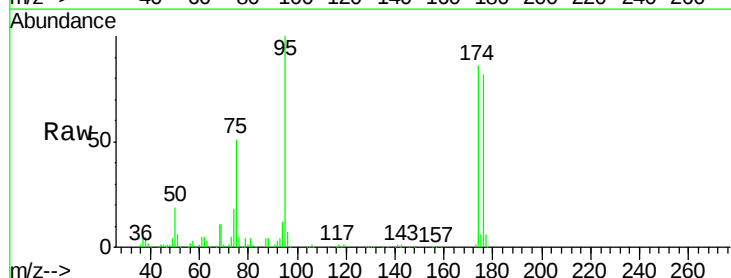
Tgt Ion: 95 Resp: 139498

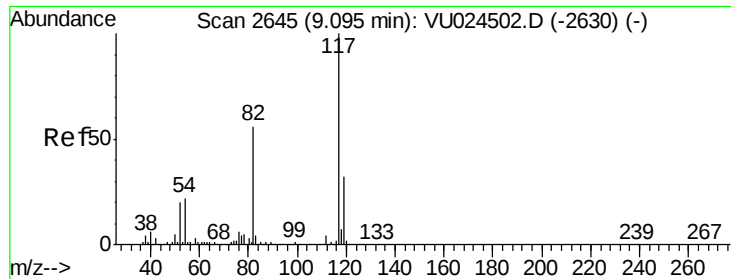
Ion Ratio Lower Upper

95 100

174 85.7 0.0 165.8

176 82.1 0.0 159.4

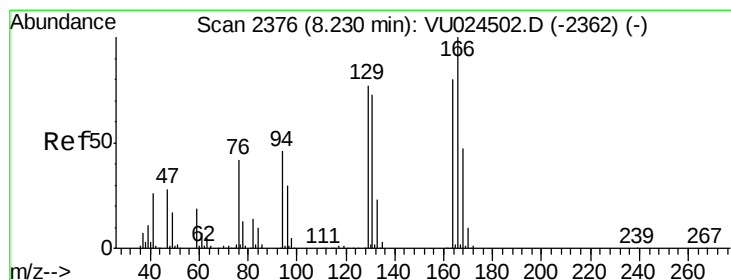
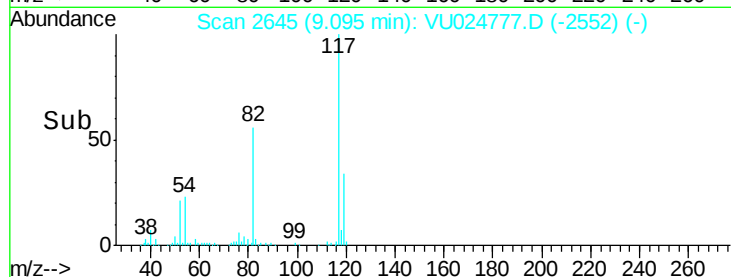
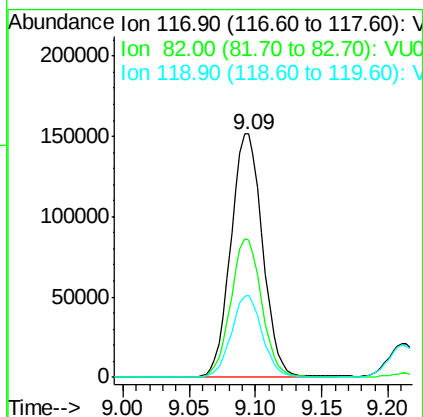
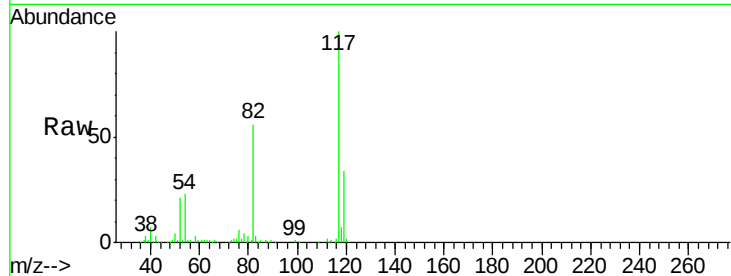




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

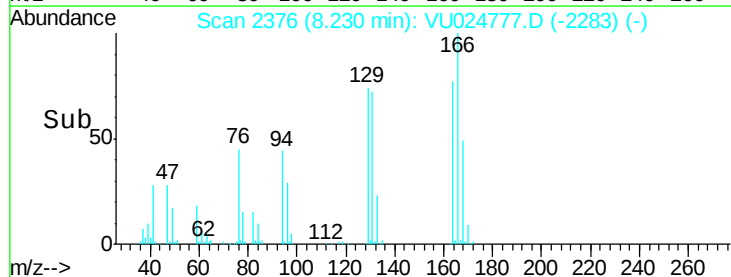
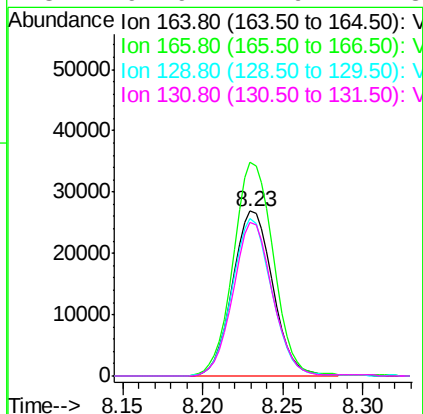
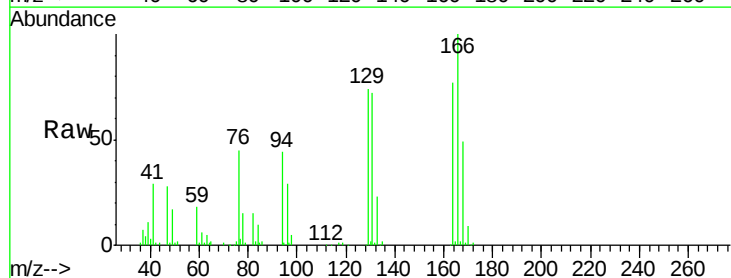
Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

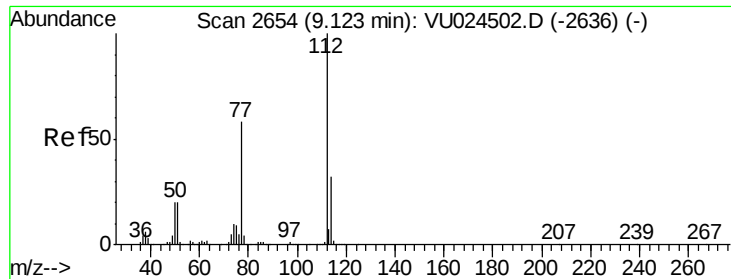
Tgt Ion:117 Resp: 252894
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 33.6 25.4 38.2



#64
Tetrachloroethene
Concen: 19.173 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion:164 Resp: 46090
Ion Ratio Lower Upper
164 100
166 129.4 101.7 152.5
129 95.1 76.9 115.3
131 92.9 74.9 112.3





#65

Chlorobenzene

Concen: 20.647 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

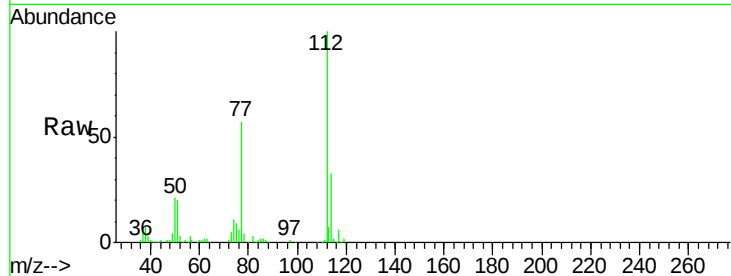
VU0620WBS02

Tgt Ion:112 Resp: 133389

Ion Ratio Lower Upper

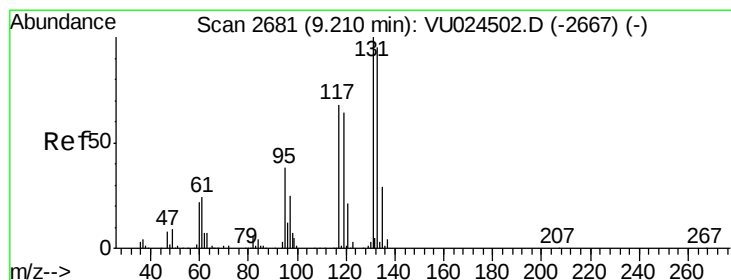
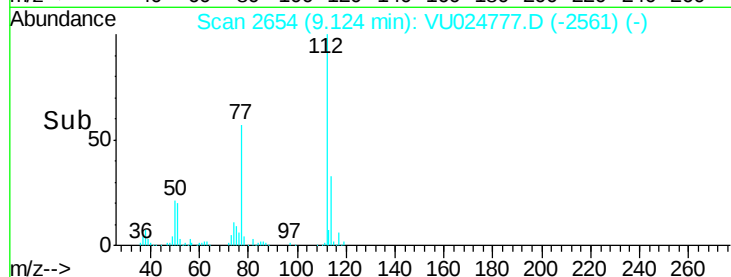
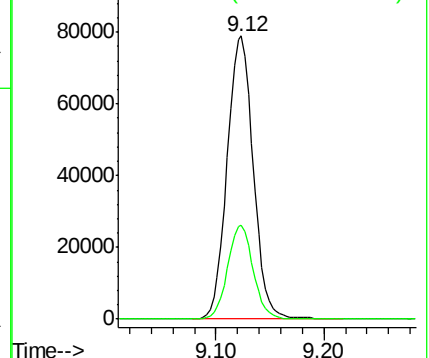
112 100

114 33.2 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.357 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

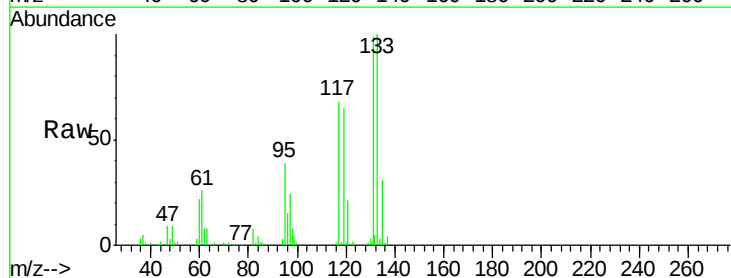
Tgt Ion:131 Resp: 49965

Ion Ratio Lower Upper

131 100

133 97.9 46.9 140.8

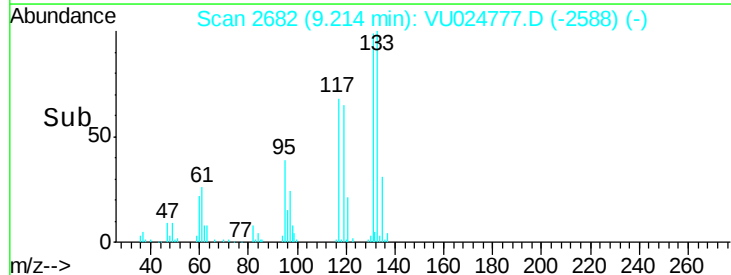
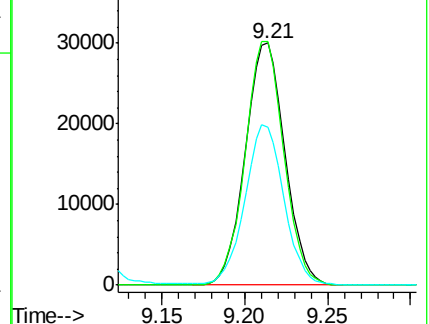
119 65.2 33.5 100.4

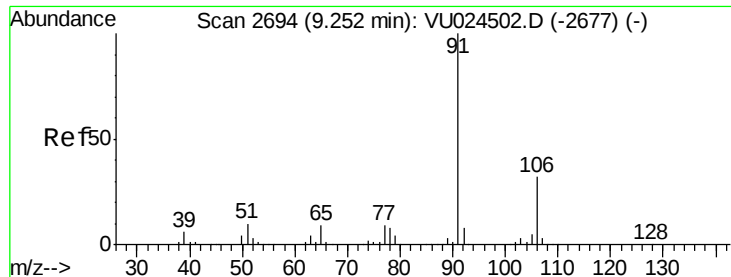


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

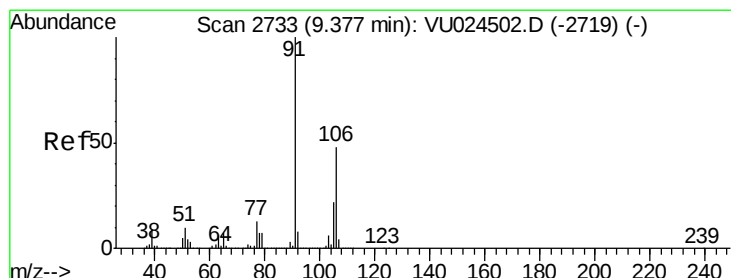
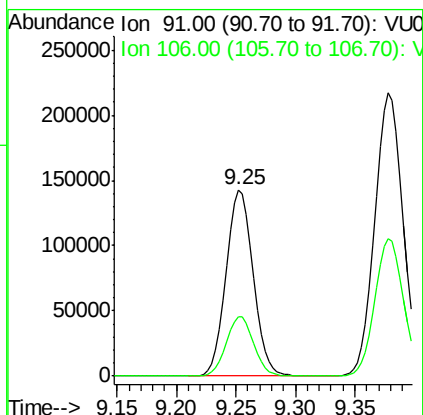
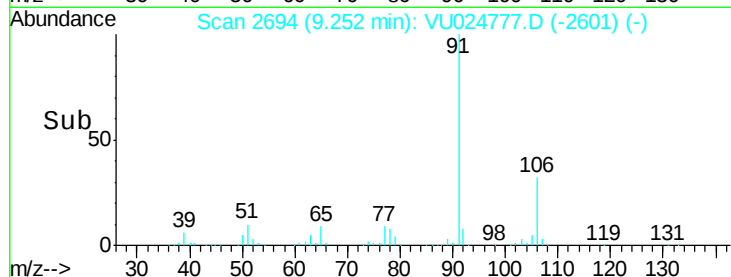
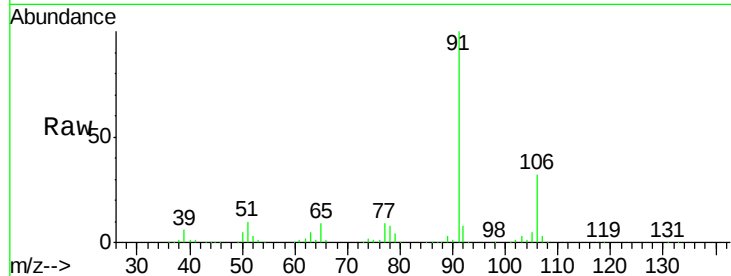




#67
 Ethyl Benzene
 Concen: 20.018 ug/l
 RT: 9.25 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

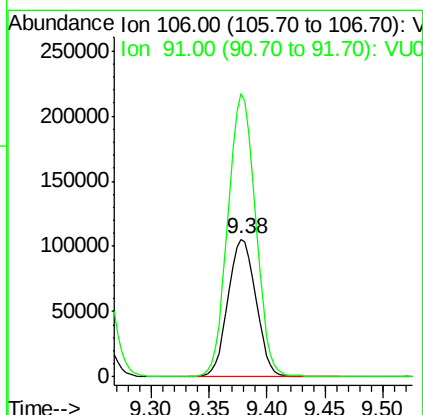
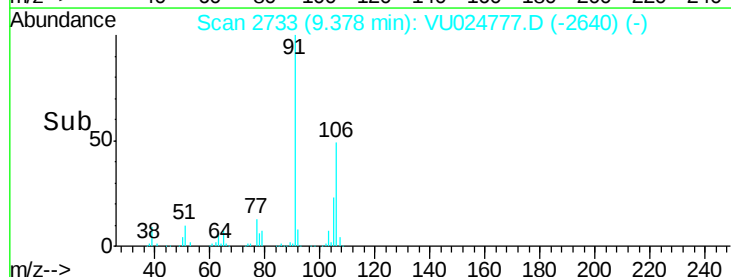
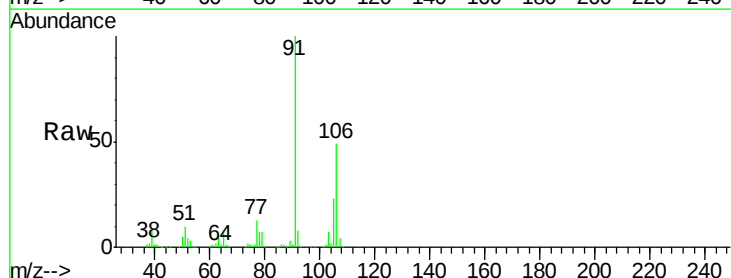
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

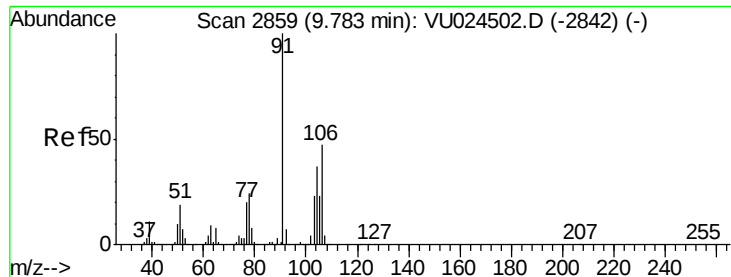
Tgt Ion: 91 Resp: 226722
 Ion Ratio Lower Upper
 91 100
 106 31.9 24.2 36.4



#68
 m/p-Xylenes
 Concen: 40.384 ug/l
 RT: 9.38 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion: 106 Resp: 175633
 Ion Ratio Lower Upper
 106 100
 91 203.0 166.5 249.7

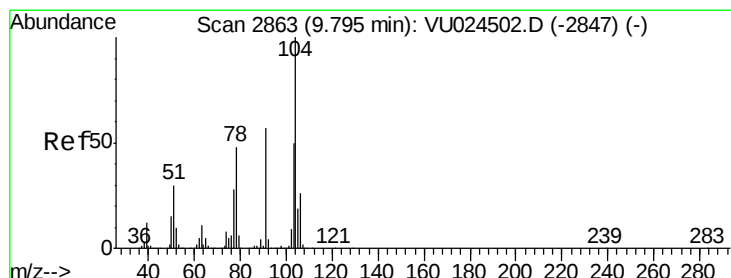
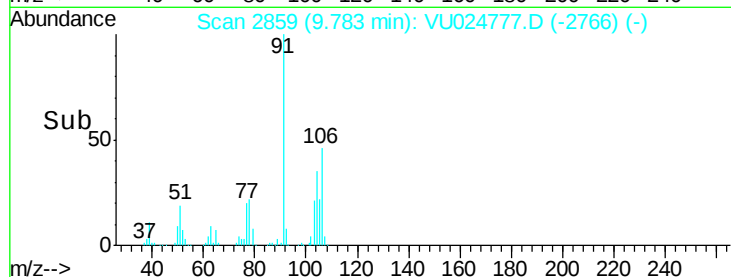
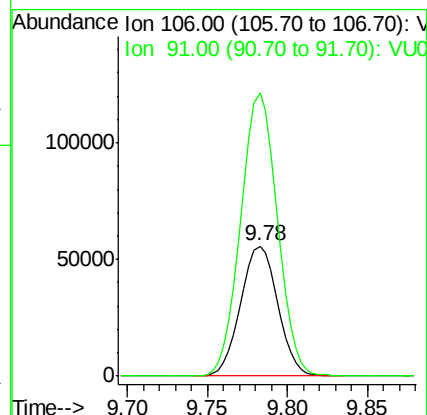
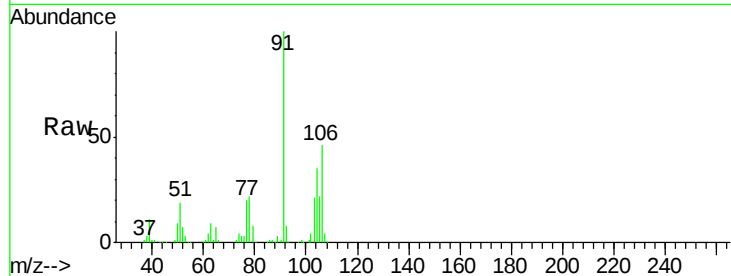




#69
o-Xylene
Concen: 20.532 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

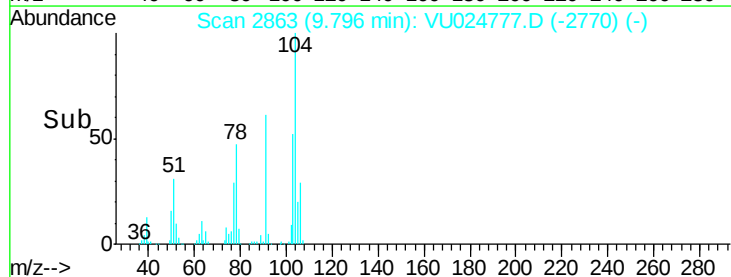
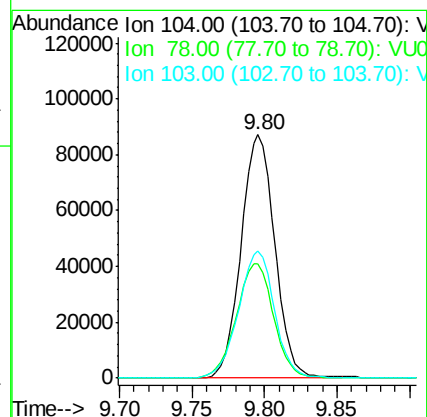
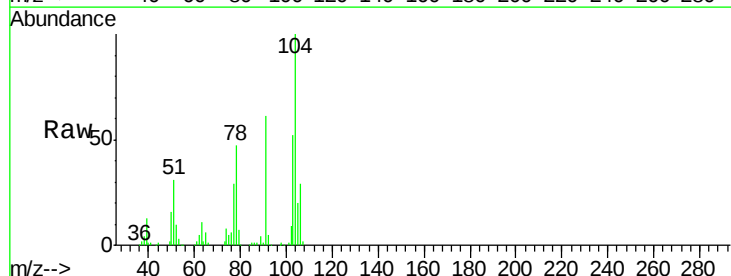
Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

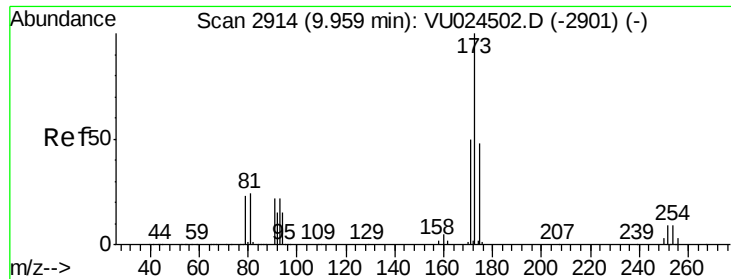
Tgt Ion:106 Resp: 88372
Ion Ratio Lower Upper
106 100
91 214.2 110.7 331.9



#70
Styrene
Concen: 19.953 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion:104 Resp: 141133
Ion Ratio Lower Upper
104 100
78 52.2 40.6 60.8
103 55.7 44.7 67.1





#71

Bromoform

Concen: 18.565 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

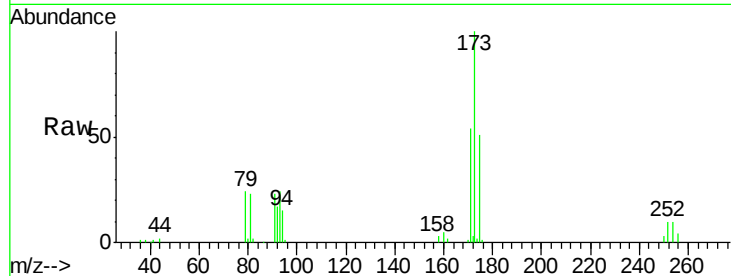
Tgt Ion:173 Resp: 43311

Ion Ratio Lower Upper

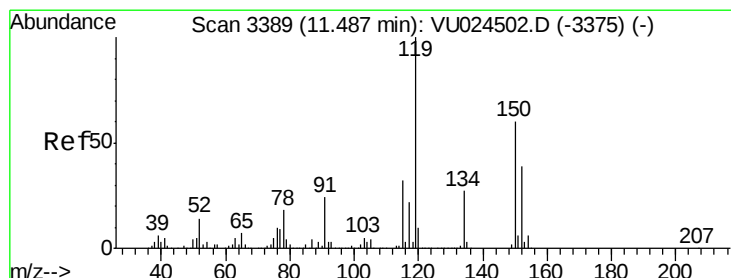
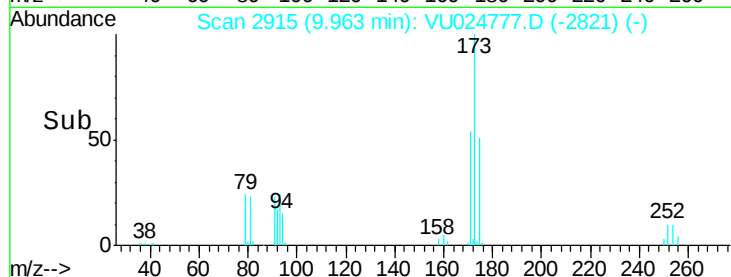
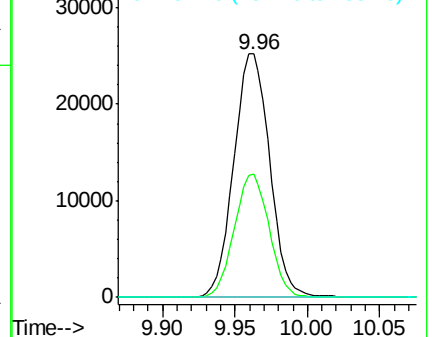
173 100

175 48.8 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

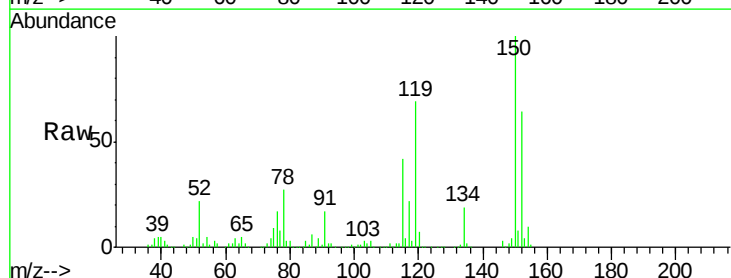
Tgt Ion:152 Resp: 146736

Ion Ratio Lower Upper

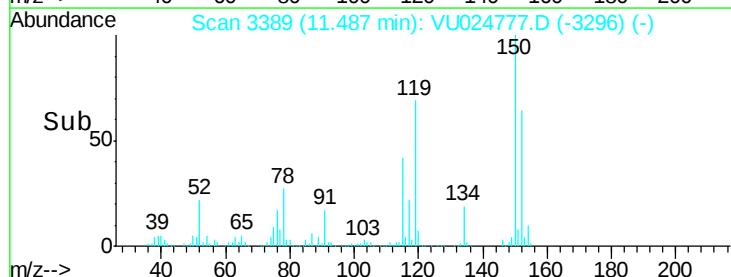
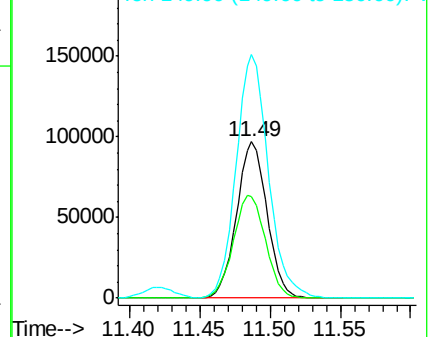
152 100

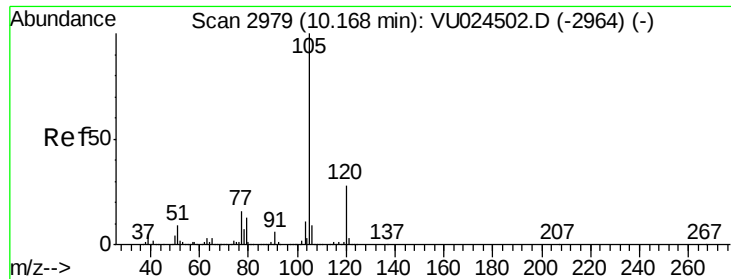
115 69.2 43.0 129.0

150 165.0 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: 21.041 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

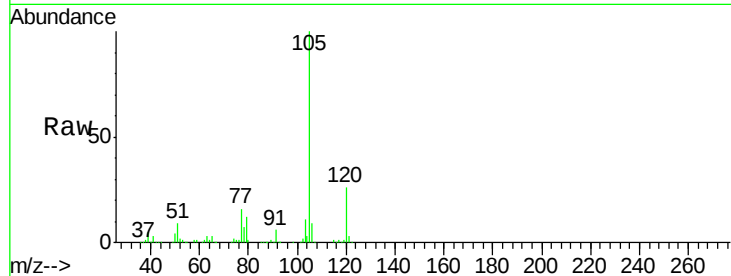
VU0620WBS02

Tgt Ion: 105 Resp: 237042

Ion Ratio Lower Upper

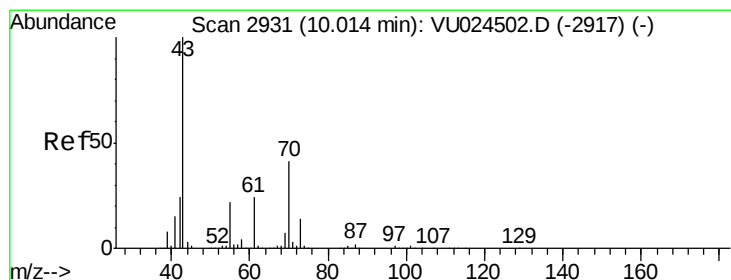
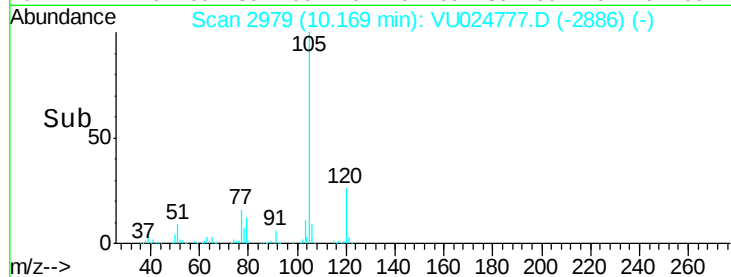
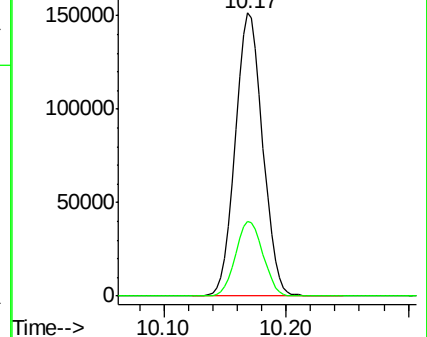
105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.370 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion: 43 Resp: 109153

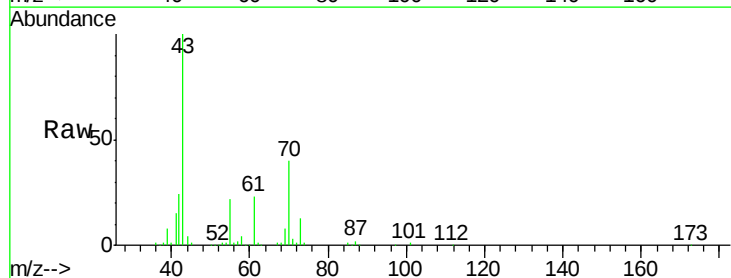
Ion Ratio Lower Upper

43 100

70 39.9 32.2 48.4

55 22.8 20.5 30.7

61 23.3 18.7 28.1

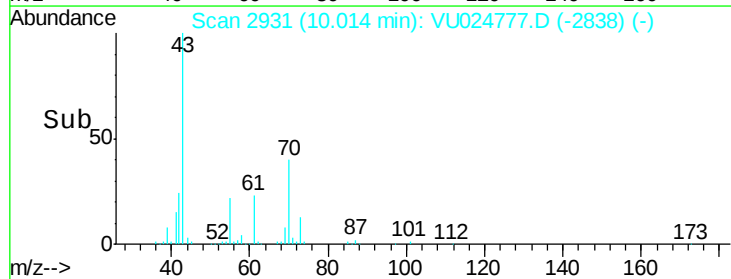
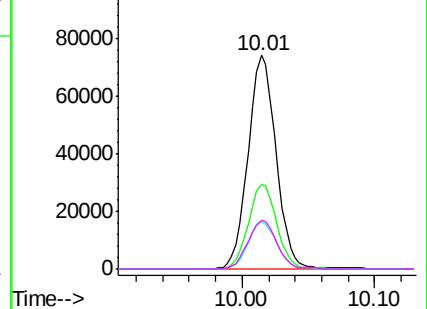


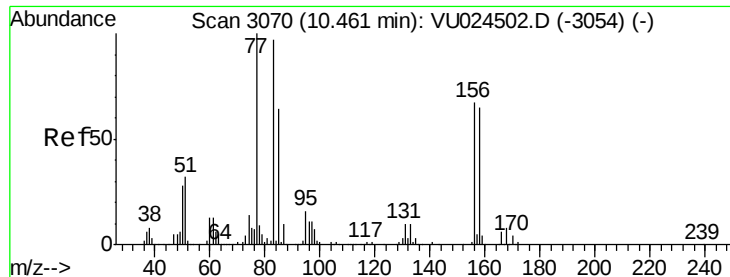
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.896 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

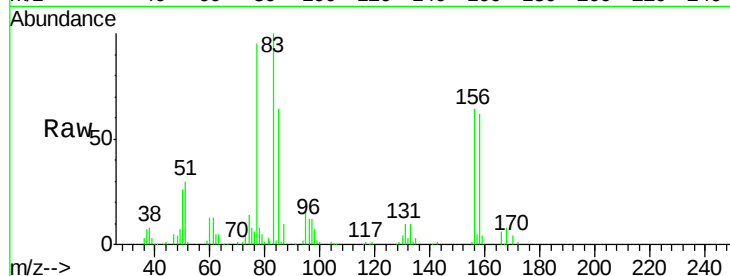
Tgt Ion: 83 Resp: 82663

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

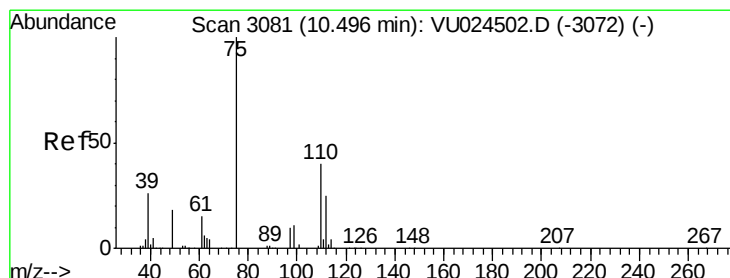
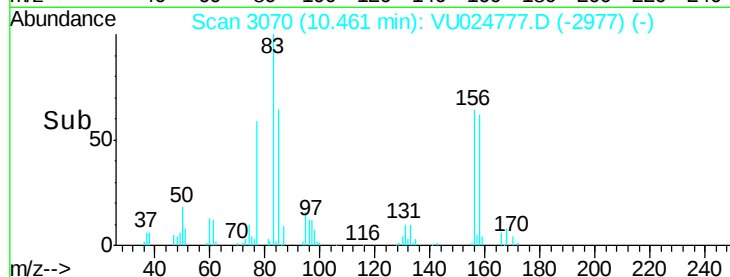
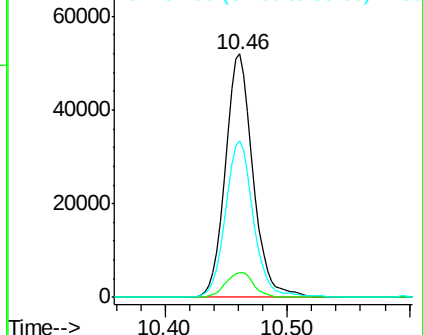
85 65.3 32.5 97.5



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: 28.029 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024777.D

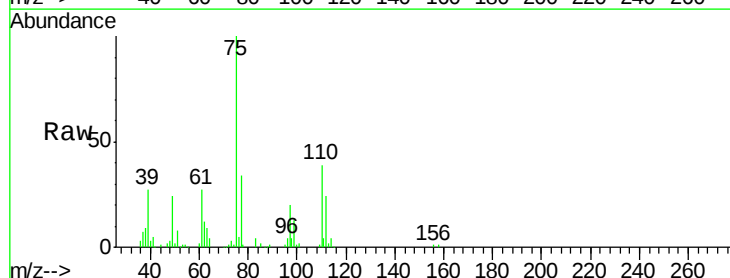
Acq: 21 Jun 2018 00:00

Tgt Ion: 75 Resp: 90551

Ion Ratio Lower Upper

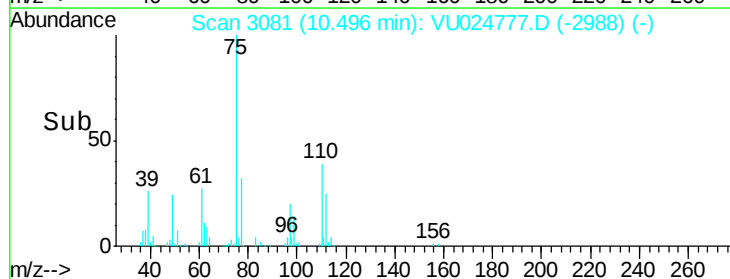
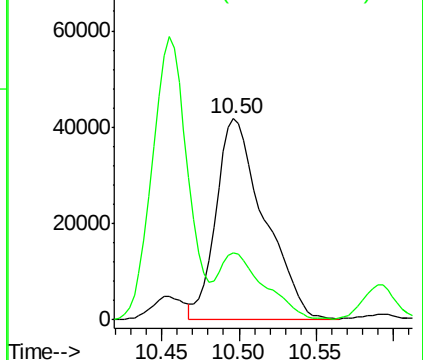
75 100

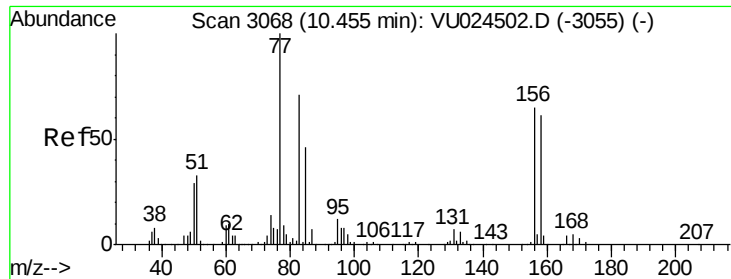
77 30.5 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 21.488 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

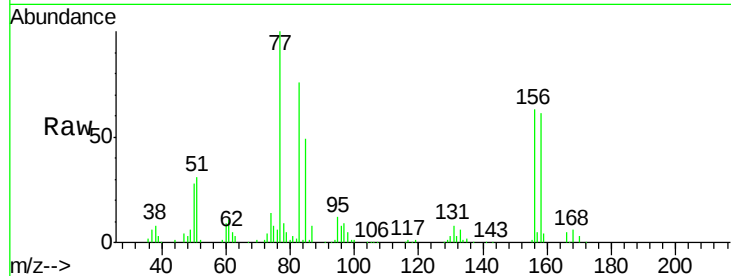
Tgt Ion:156 Resp: 61285

Ion Ratio Lower Upper

156 100

77 152.2 80.5 241.3

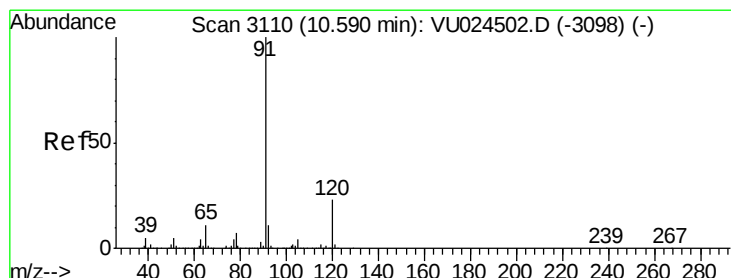
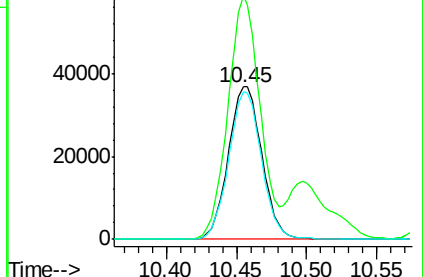
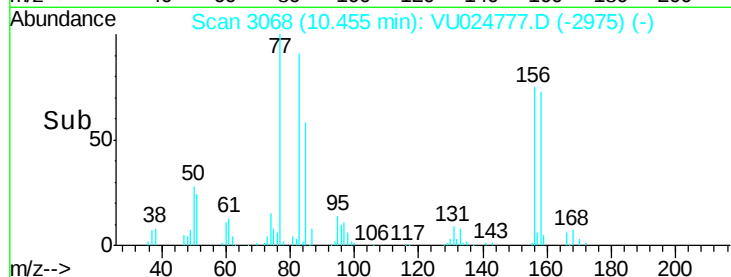
158 94.8 48.2 144.6



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: 19.935 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024777.D

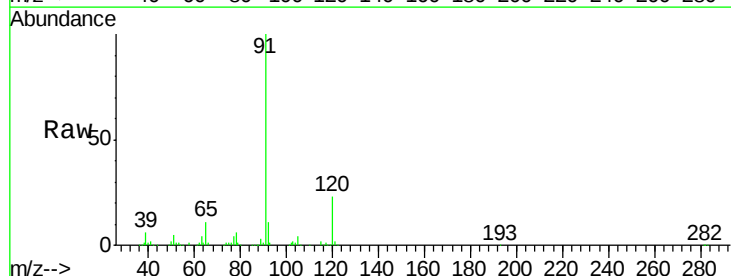
Acq: 21 Jun 2018 00:00

Tgt Ion: 91 Resp: 264555

Ion Ratio Lower Upper

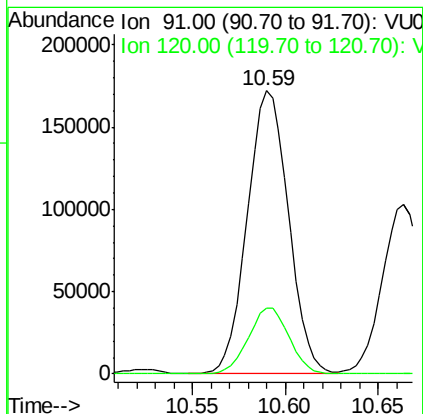
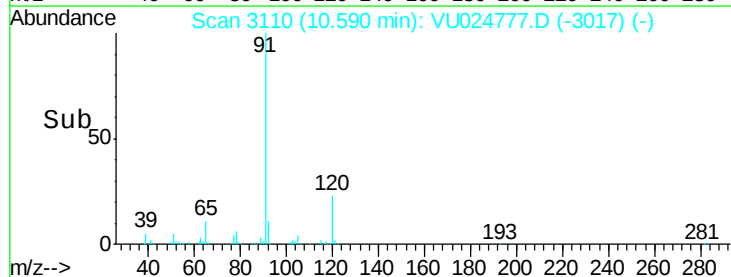
91 100

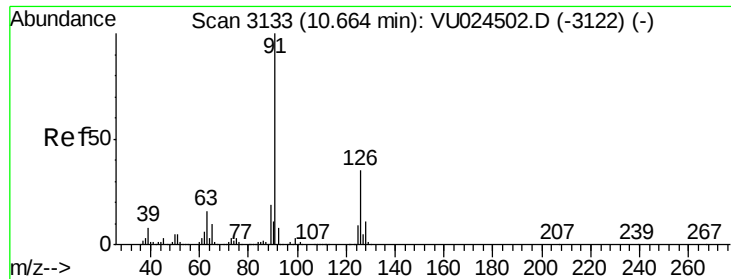
120 23.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.473 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

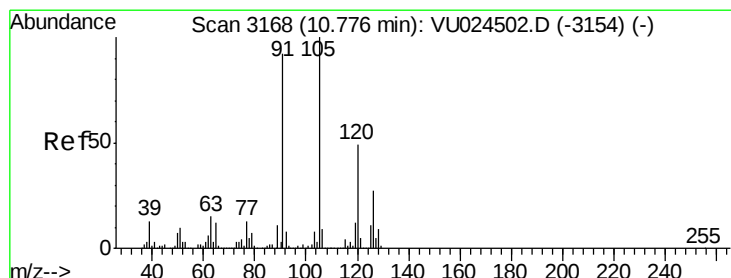
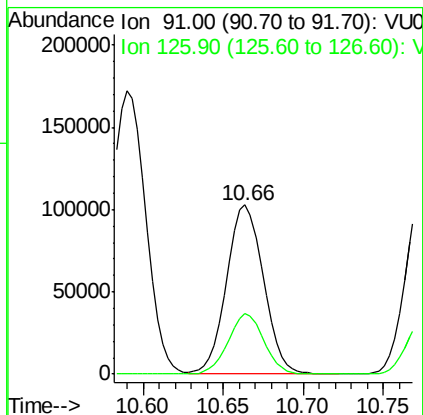
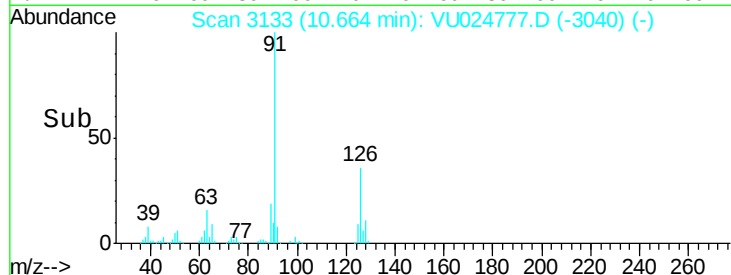
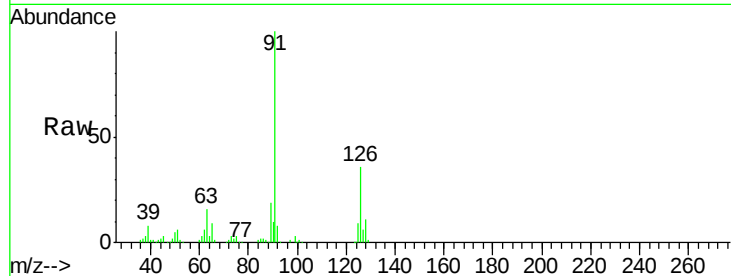
VU0620WBS02

Tgt Ion: 91 Resp: 160227

Ion Ratio Lower Upper

91 100

126 35.0 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 20.775 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024777.D

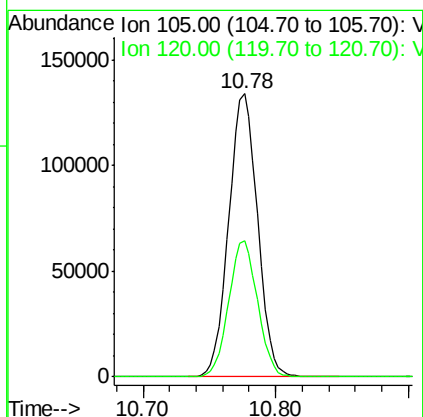
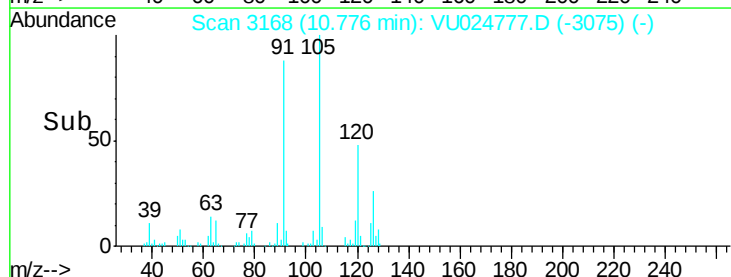
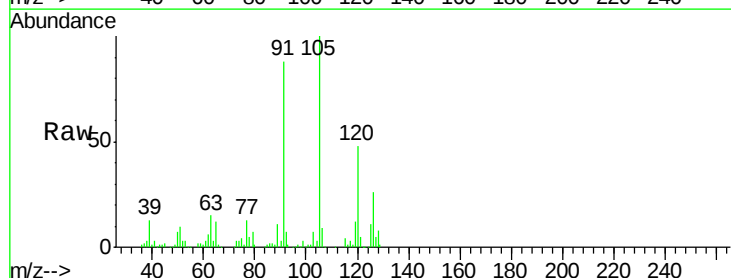
Acq: 21 Jun 2018 00:00

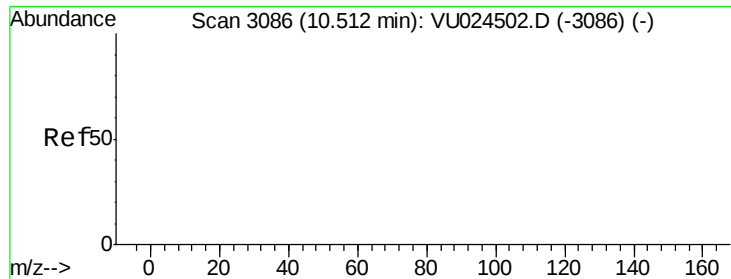
Tgt Ion: 105 Resp: 202855

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 64.871 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

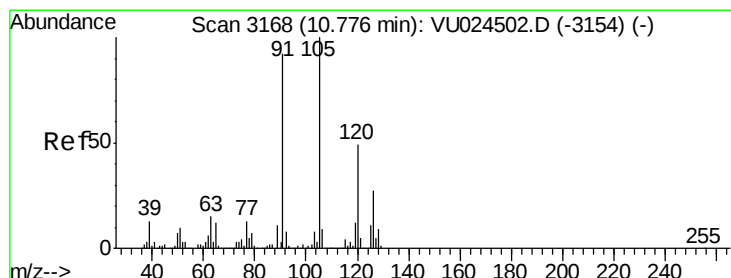
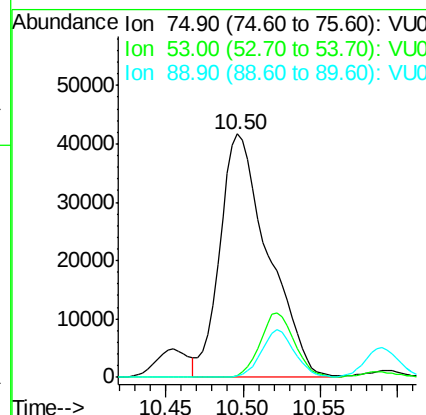
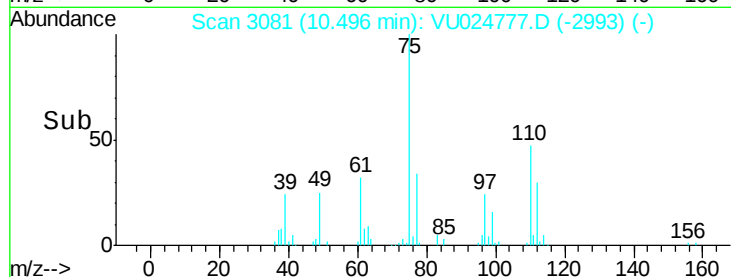
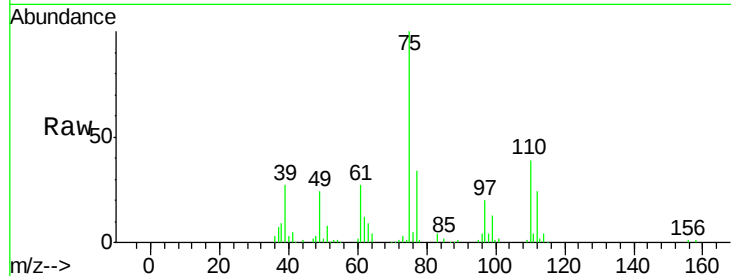
Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tgt Ion: 75 Resp: 90551

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



#82

4-Chlorotoluene

Concen: 20.092 ug/l

RT: 10.78 min Scan# 3168

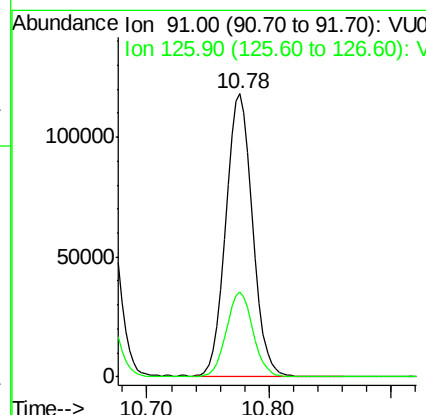
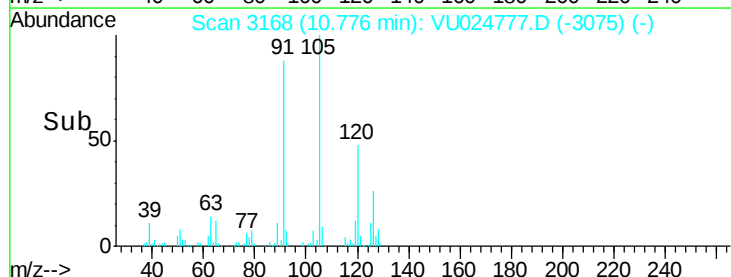
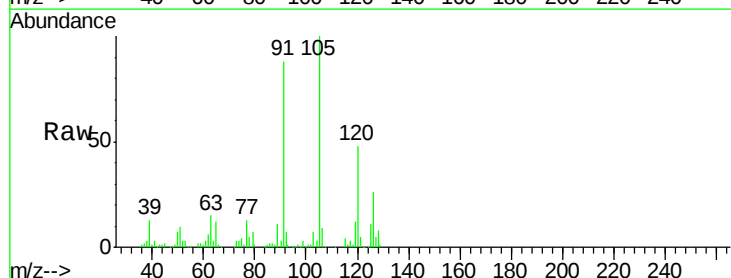
Delta R.T. 0.00 min

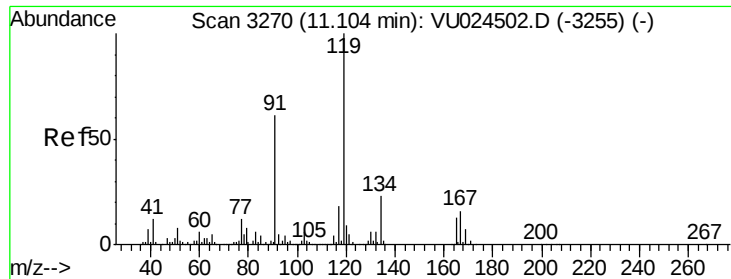
Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion: 91 Resp: 183014

Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.9	44.9

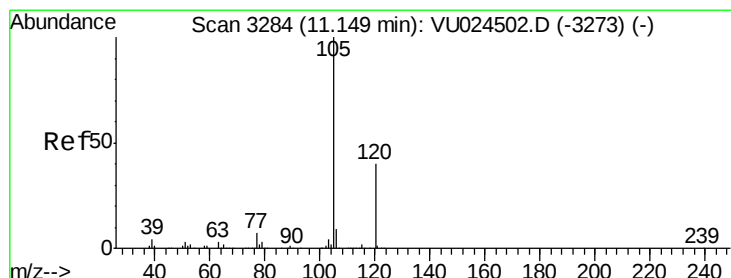
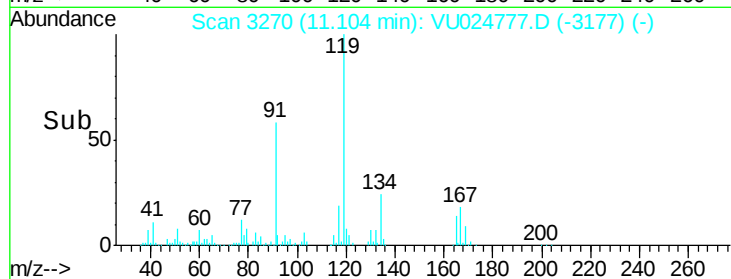
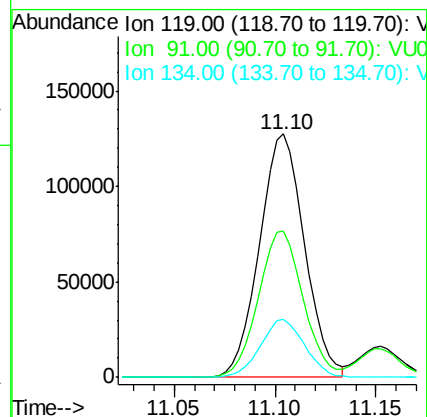
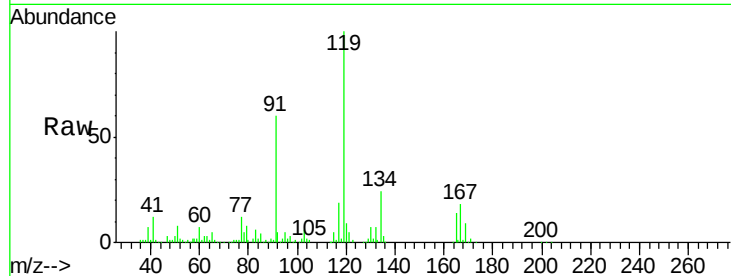




#83
 tert-Butylbenzene
 Concen: 21.184 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

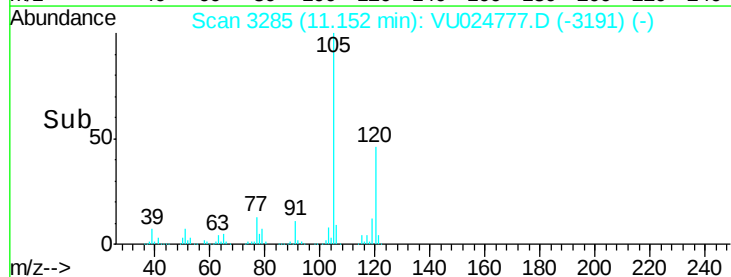
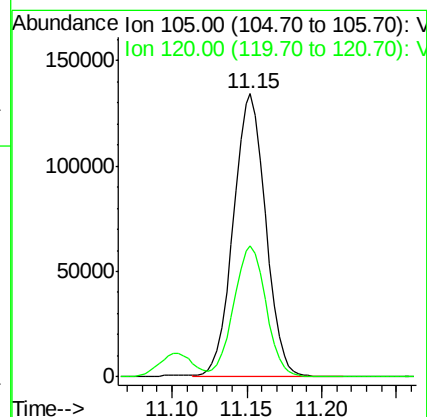
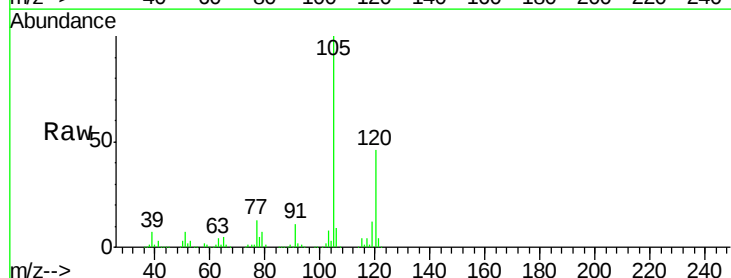
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

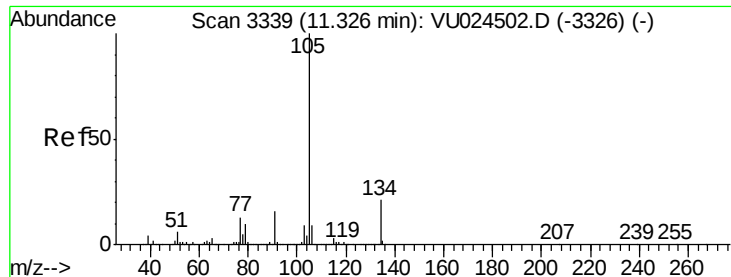
Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.7	89.1
134	23.3	11.6	34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.335 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.6	67.8

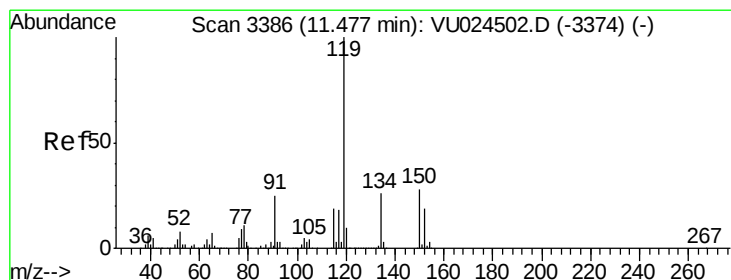
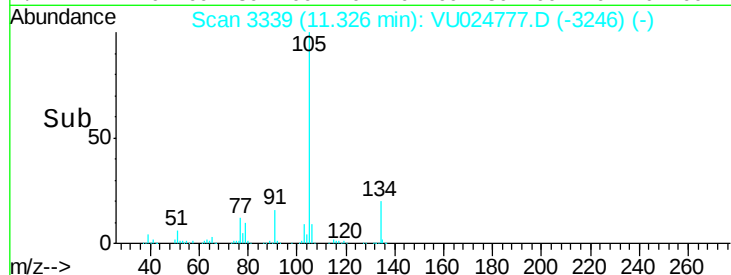
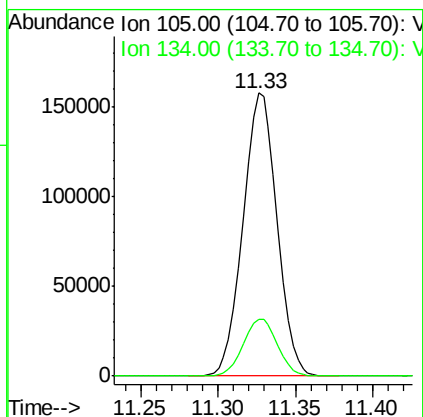
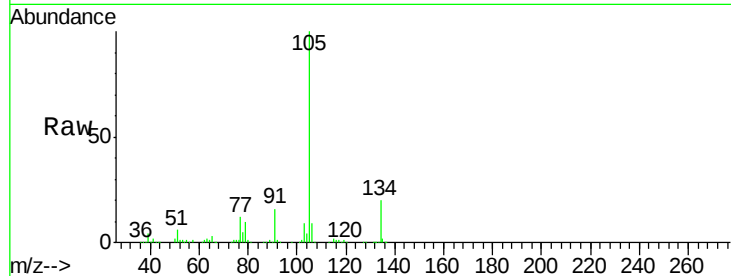




#85
 sec-Butylbenzene
 Concen: 20.521 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

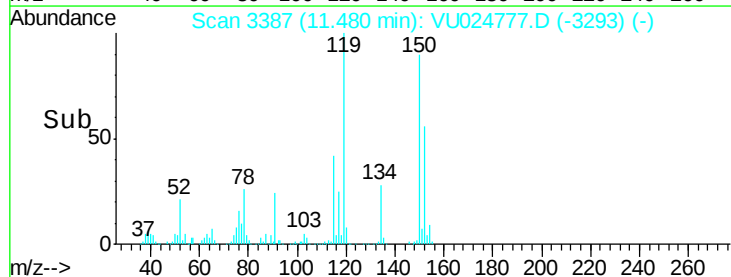
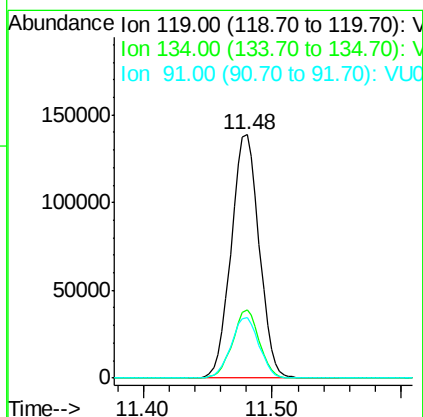
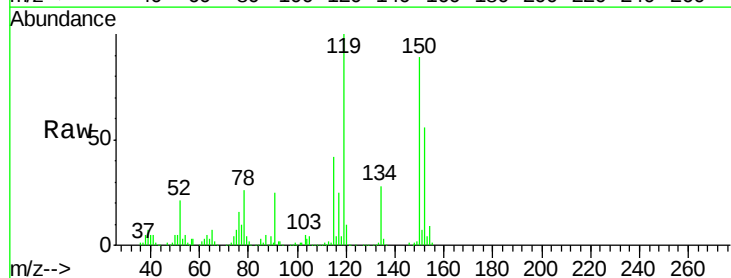
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

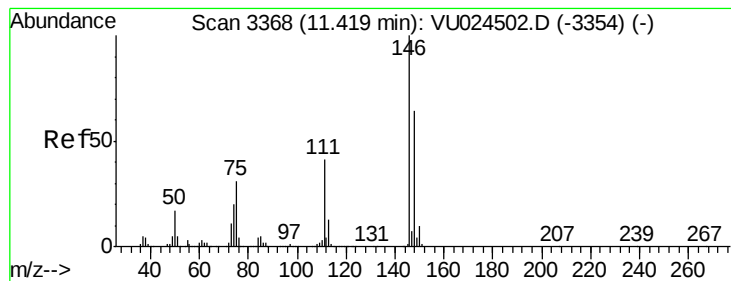
Tgt Ion:105 Resp: 241277
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.858 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion:119 Resp: 209100
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 24.8 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.338 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

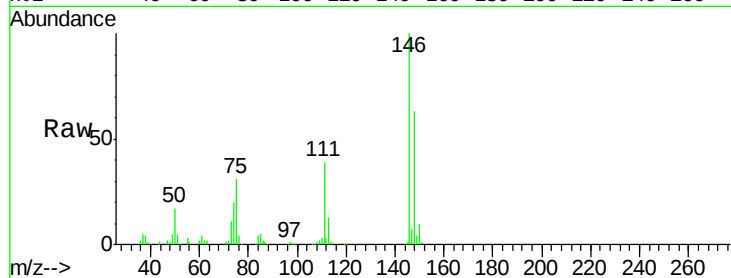
Tgt Ion:146 Resp: 107168

Ion Ratio Lower Upper

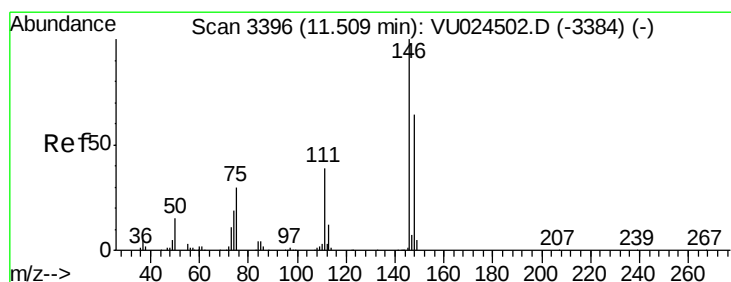
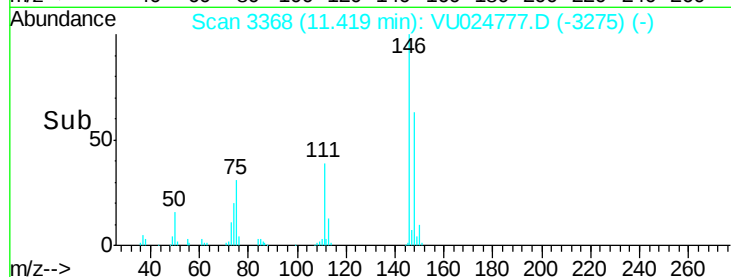
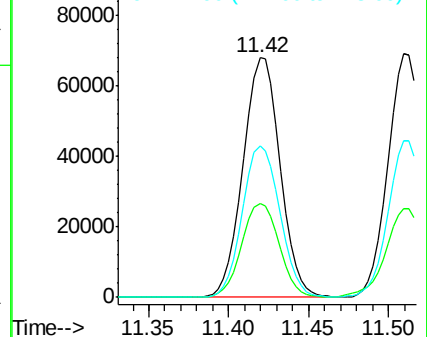
146 100

111 39.5 20.0 60.0

148 64.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.241 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

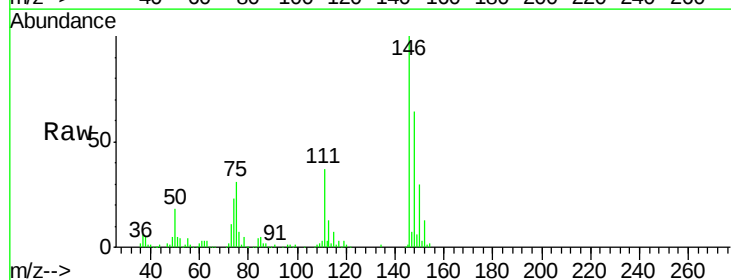
Tgt Ion:146 Resp: 107350

Ion Ratio Lower Upper

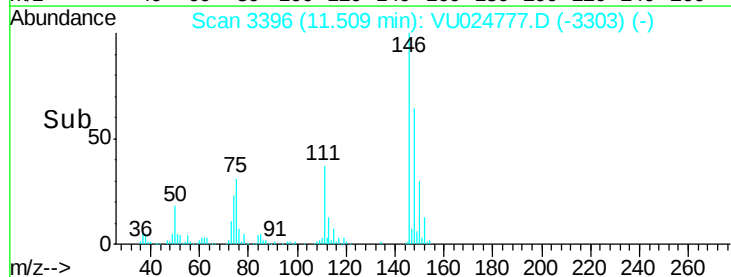
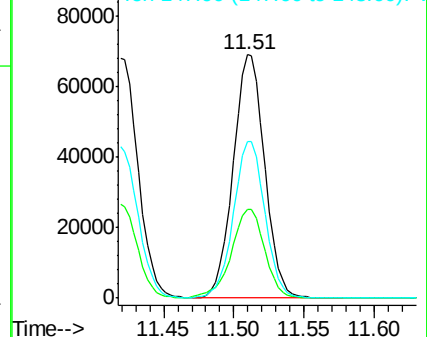
146 100

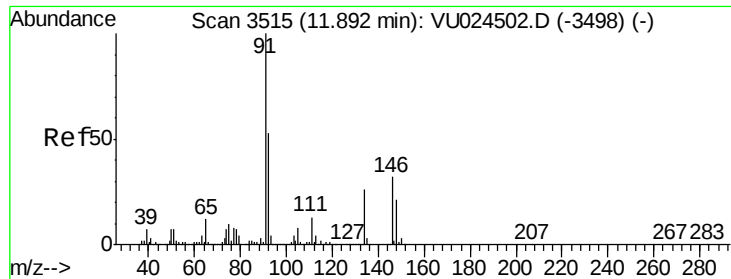
111 38.9 19.5 58.5

148 64.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

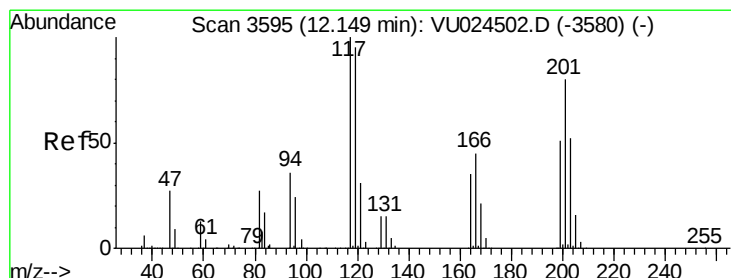
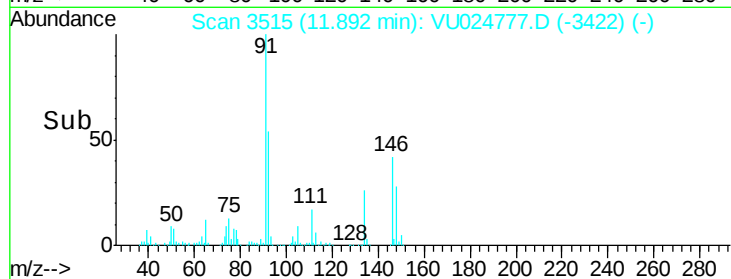
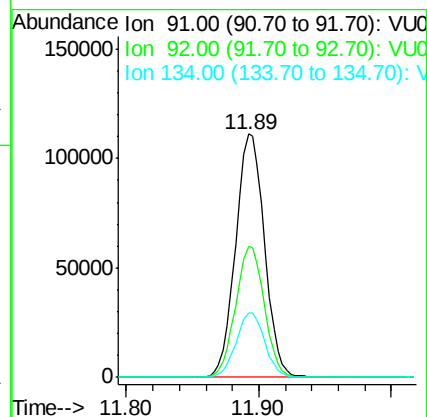
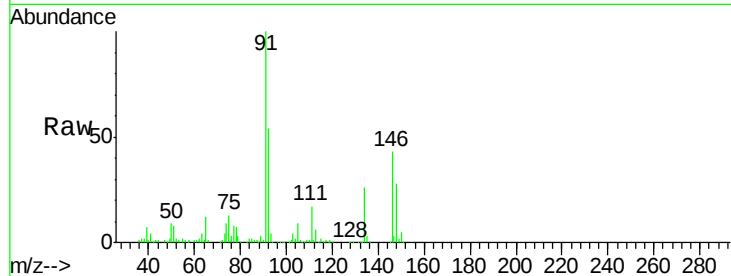




#89
n-Butylbenzene
Concen: 18.003 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

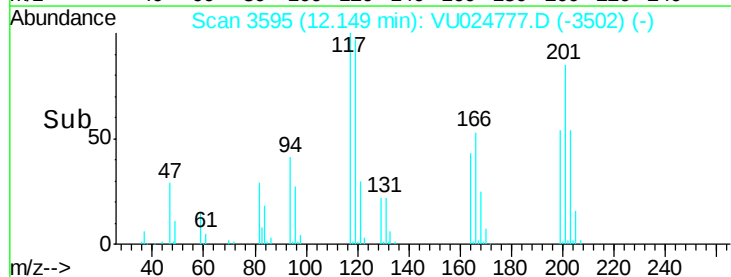
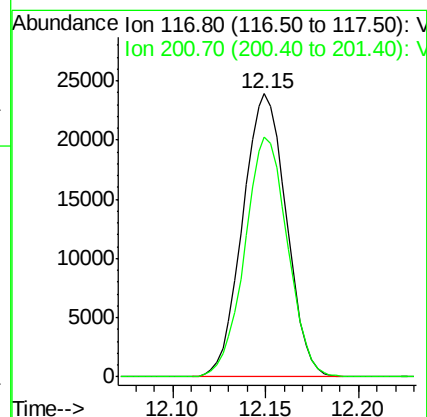
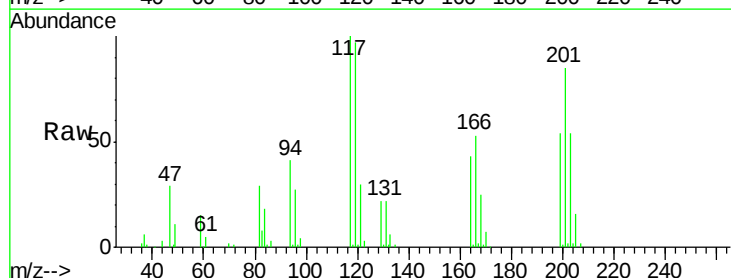
Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

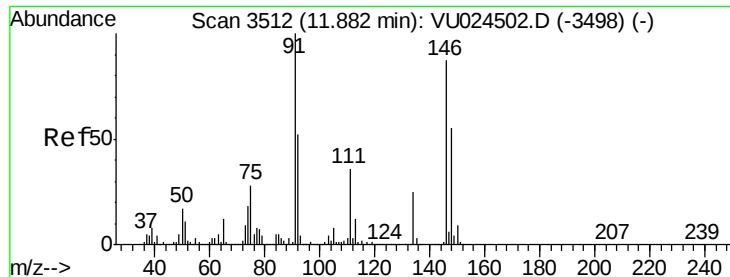
Tgt Ion: 91 Resp: 168308
Ion Ratio Lower Upper
91 100
92 53.5 25.6 76.8
134 26.3 12.3 36.8



#90
Hexachloroethane
Concen: 18.989 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion: 117 Resp: 39006
Ion Ratio Lower Upper
117 100
201 83.2 41.1 123.3

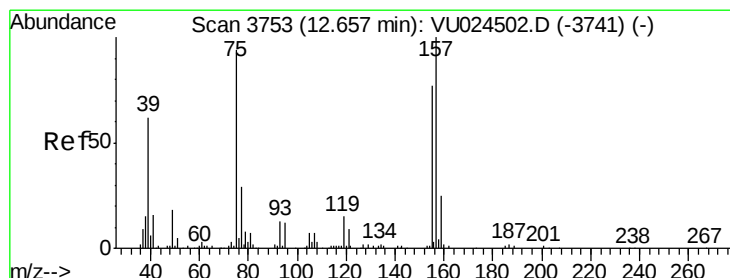
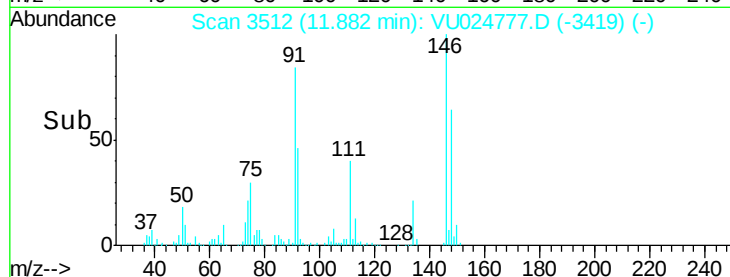
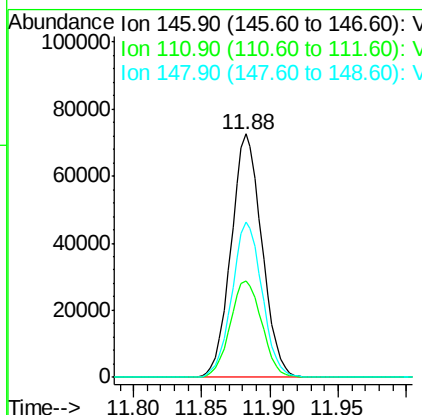
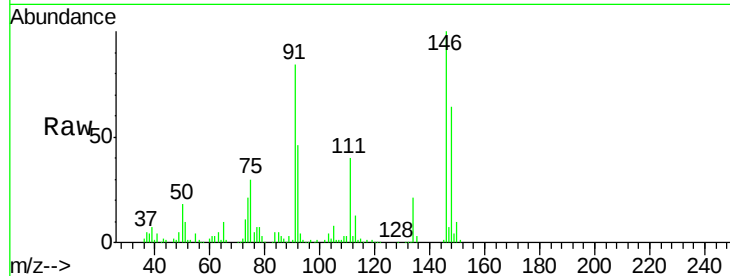




#91
 1,2-Dichlorobenzene
 Concen: 21.564 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

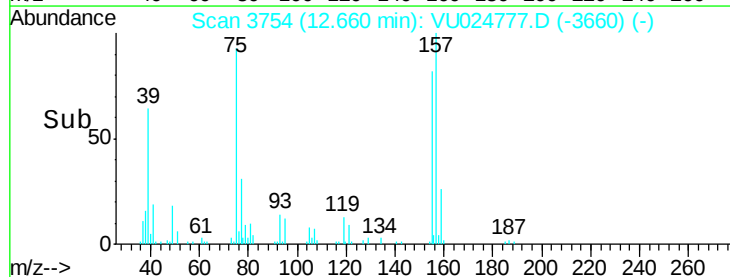
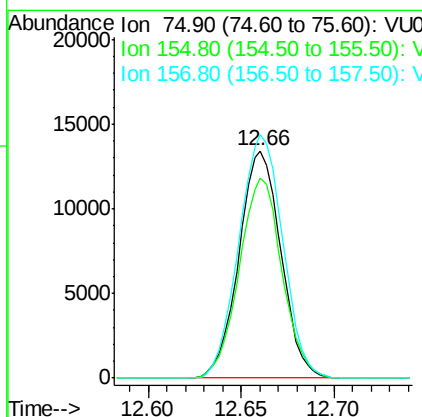
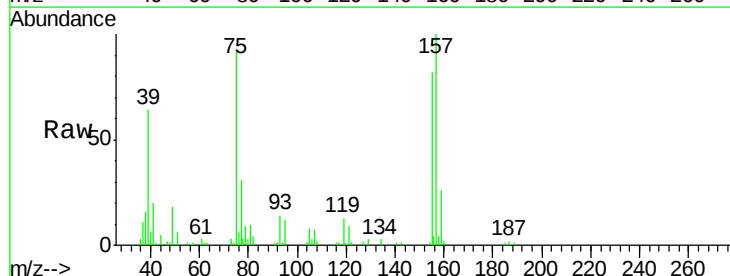
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

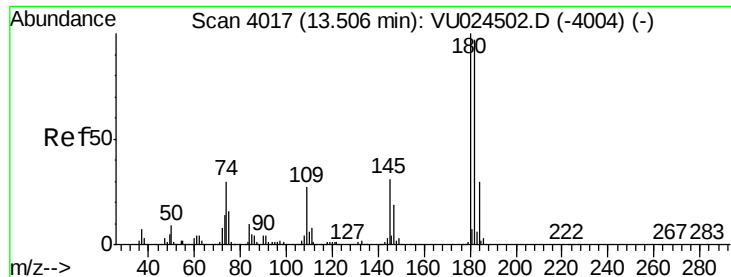
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.6
148	62.6	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.259 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	40.4	121.2
157	111.8	52.3	156.8

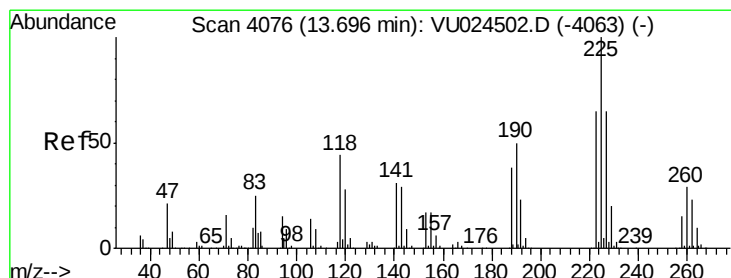
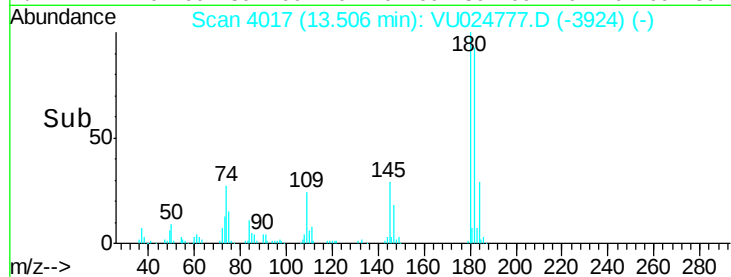
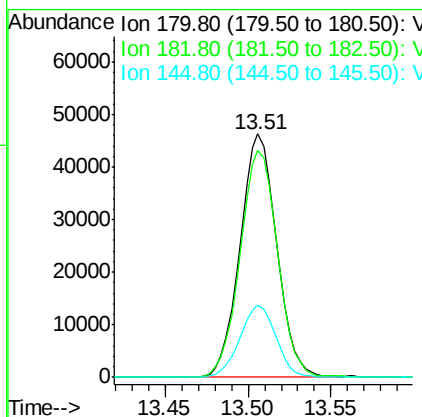
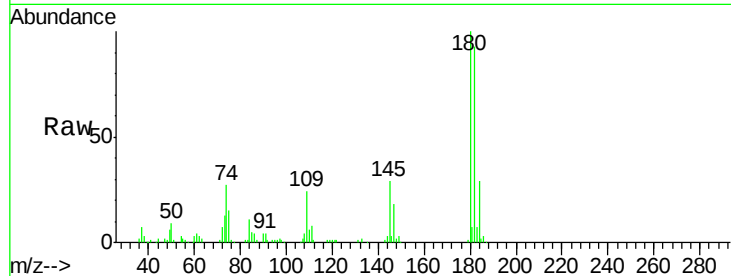




#93
 1,2,4-Trichlorobenzene
 Concen: 21.869 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

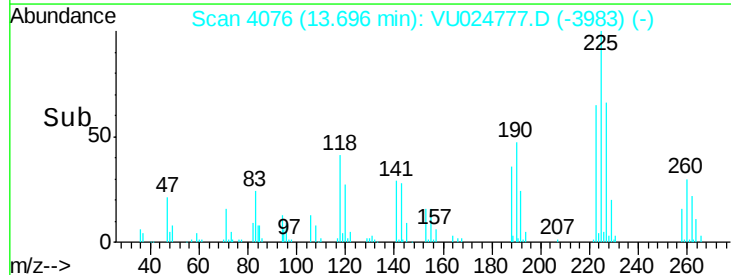
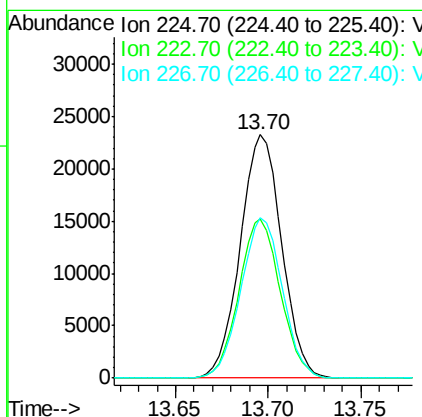
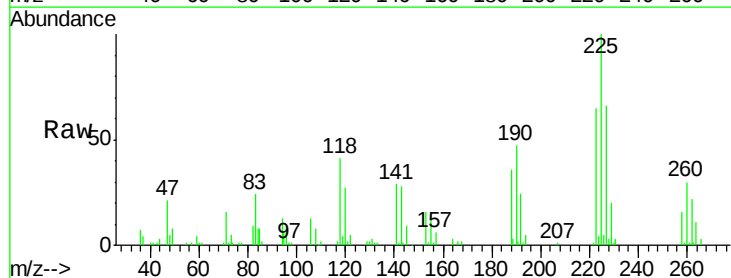
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

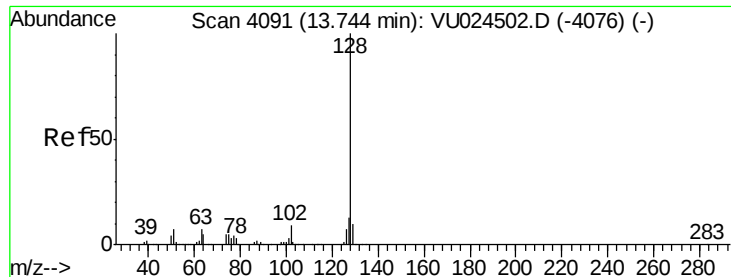
Tgt Ion:180 Resp: 71275
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.0 144.2
 145 29.4 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 19.662 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion:225 Resp: 36069
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.3 93.8
 227 66.1 31.8 95.4





#95

Naphthalene

Concen: 23.297 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

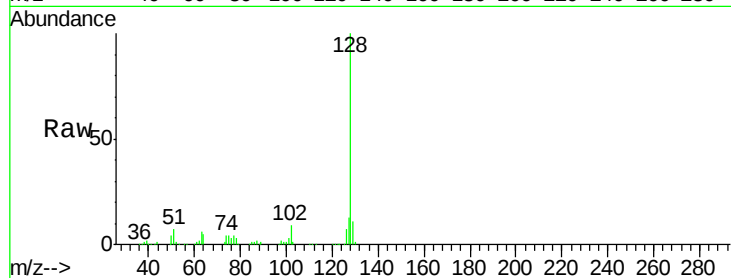
Tgt Ion:128 Resp: 247399

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

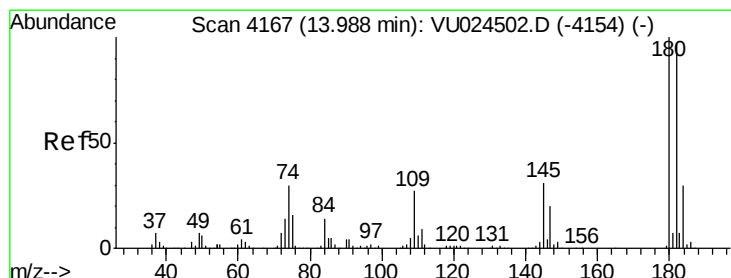
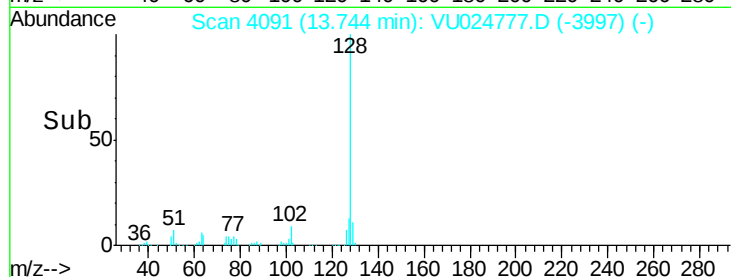
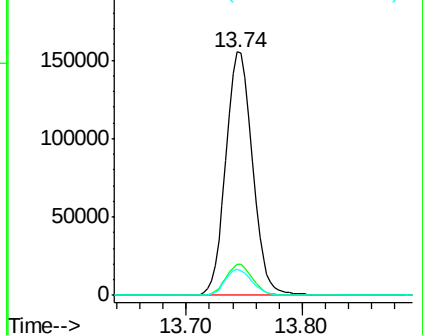
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.544 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

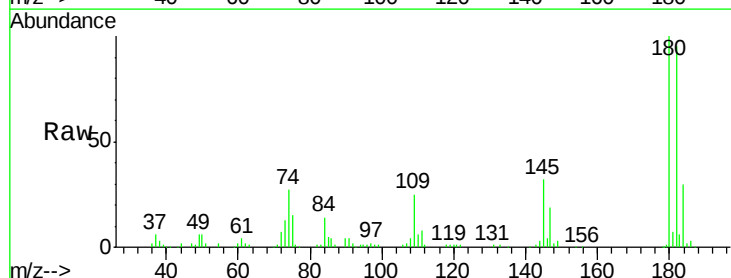
Tgt Ion:180 Resp: 76461

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 31.5 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

