

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024875.D
 Acq On : 25 Jun 2018 15:19
 Operator : MD/SY
 Sample : VU0625MBS01
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 05:14:40 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	181043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	272705	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	141075	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	4.89	113	111365	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	7.57	98	392593	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	10.31	95	153074	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40532	17.89	ug/l	99
3) Chloromethane	1.33	50	40656	17.56	ug/l	98
4) Vinyl Chloride	1.40	62	43321	18.14	ug/l	98
5) Bromomethane	1.62	94	27237	23.60	ug/l	98
6) Chloroethane	1.70	64	29454	21.48	ug/l	99
7) Trichlorofluoromethane	1.89	101	72035	19.77	ug/l	98
8) Diethyl Ether	2.10	74	27162	20.81	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	40519	17.92	ug/l	94
10) Methyl Iodide	2.41	142	33109	20.76	ug/l	99
11) Tert butyl alcohol	2.82	59	60972	84.82	ug/l	100
12) 1,1-Dichloroethene	2.28	96	37358	18.12	ug/l	93
13) Acrolein	2.19	56	20490	54.28	ug/l	94
14) Allyl chloride	2.60	41	65554	17.13	ug/l	98
15) Acrylonitrile	2.94	53	132791	94.95	ug/l	99
16) Acetone	2.32	43	144174	90.79	ug/l	100
17) Carbon Disulfide	2.48	76	103488	15.68	ug/l	100
18) Methyl Acetate	2.62	43	70774	20.79	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	150107	19.37	ug/l	95
20) Methylene Chloride	2.70	84	45374	18.21	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	40236	17.72	ug/l	96
22) Diisopropyl ether	3.57	45	145775	19.21	ug/l	95
23) Vinyl Acetate	3.53	43	639453	94.08	ug/l	99
24) 1,1-Dichloroethane	3.45	63	83635	19.16	ug/l	98
25) 2-Butanone	4.26	43	205503	96.34	ug/l	99
26) 2,2-Dichloropropane	4.23	77	79104	19.09	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	49891	19.11	ug/l	100
28) Bromochloromethane	4.55	49	35581	18.51	ug/l	89
29) Tetrahydrofuran	4.63	42	121959	92.33	ug/l	96
30) Chloroform	4.68	83	90139	20.40	ug/l	98
31) Cyclohexane	5.00	56	75475	18.22	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	80379	19.67	ug/l	97
36) 1,1-Dichloropropene	5.14	75	59212	18.48	ug/l	97
37) Ethyl Acetate	4.38	43	72525	20.76	ug/l	98
38) Carbon Tetrachloride	5.14	117	69894	19.83	ug/l	97

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Instrument :
 MSVOA_U
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Quant Time: Jun 26 05:14:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	74852	18.72	µg/l	96
40) Benzene	5.39	78	181640	19.89	µg/l	100
41) Methacrylonitrile	4.55	41	40059	21.27	µg/l	96
42) 1,2-Dichloroethane	5.41	62	72293	20.79	µg/l	100
43) Isopropyl Acetate	5.55	43	118099	19.56	µg/l	99
44) Trichloroethene	6.19	130	50004	19.24	µg/l	97
45) 1,2-Dichloropropane	6.44	63	49629	20.37	µg/l	98
46) Dibromomethane	6.56	93	34709	20.28	µg/l	95
47) Bromodichloromethane	6.76	83	68088	19.98	µg/l	98
48) Methyl methacrylate	6.63	41	59731	20.32	µg/l	97
49) 1,4-Dioxane	6.62	88	25603	445.34	µg/l	96
51) 4-Methyl-2-Pentanone	7.46	43	383950	101.23	µg/l	99
52) Toluene	7.64	92	116145	19.77	µg/l	99
53) t-1,3-Dichloropropene	7.88	75	72324	18.90	µg/l	100
54) cis-1,3-Dichloropropene	7.27	75	76421	18.74	µg/l	97
55) 1,1,2-Trichloroethane	8.07	97	49112	20.57	µg/l	96
56) Ethyl methacrylate	8.02	69	80173	20.06	µg/l	99
57) 1,3-Dichloropropane	8.25	76	82701	20.53	µg/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	34735	22.68	µg/l	95
59) 2-Hexanone	8.36	43	303025	97.86	µg/l	99
60) Dibromochloromethane	8.48	129	56646	19.02	µg/l	98
61) 1,2-Dibromoethane	8.59	107	51589	19.41	µg/l	95
64) Tetrachloroethene	8.23	164	46187	19.08	µg/l	96
65) Chlorobenzene	9.12	112	132762	20.40	µg/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	51727	20.92	µg/l	98
67) Ethyl Benzene	9.25	91	225659	19.78	µg/l	98
68) m/p-Xylenes	9.38	106	176170	40.22	µg/l	96
69) o-Xylene	9.78	106	88259	20.36	µg/l	95
70) Styrene	9.80	104	142631	20.02	µg/l	99
71) Bromoform	9.96	173	43390	18.47	µg/l #	99
73) Isopropylbenzene	10.17	105	239223	21.00	µg/l	100
74) N-amyl acetate	10.01	43	104235	19.24	µg/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	82486	21.61	µg/l	99
76) 1,2,3-Trichloropropane	10.50	75	92596	28.35	µg/l	82
77) Bromobenzene	10.46	156	60484	20.98	µg/l	95
78) n-propylbenzene	10.59	91	266177	19.84	µg/l	98
79) 2-Chlorotoluene	10.66	91	162716	20.57	µg/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	203310	20.60	µg/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	92596	65.62	µg/l #	100
82) 4-Chlorotoluene	10.78	91	184220	20.01	µg/l	99
83) tert-Butylbenzene	11.10	119	204770	21.56	µg/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	205746	20.45	µg/l	100
85) sec-Butylbenzene	11.33	105	244989	20.61	µg/l	99
86) p-Isopropyltoluene	11.48	119	214413	20.14	µg/l	99
87) 1,3-Dichlorobenzene	11.42	146	108765	20.42	µg/l	98
88) 1,4-Dichlorobenzene	11.51	146	108208	20.18	µg/l	98
89) n-Butylbenzene	11.89	91	172862	18.29	µg/l	97
90) Hexachloroethane	12.15	117	37813	18.21	µg/l	97
91) 1,2-Dichlorobenzene	11.88	146	112017	20.99	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20244	19.22	µg/l	91

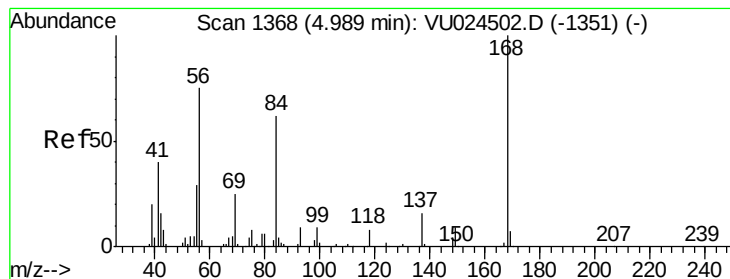
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062518\
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Quant Time: Jun 26 05:14:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	70256	21.32	ug/l	100
94) Hexachlorobutadiene	13.70	225	37042	19.97	ug/l	95
95) Naphthalene	13.74	128	231790	21.64	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	73996	22.54	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

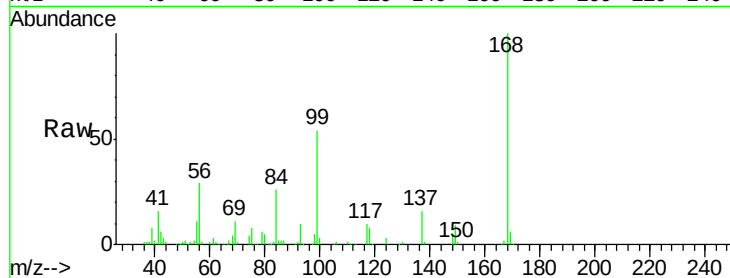
ClientSampleId :

Tot Ion:168 Resp: 181043

Ion Ratio Lower Upper

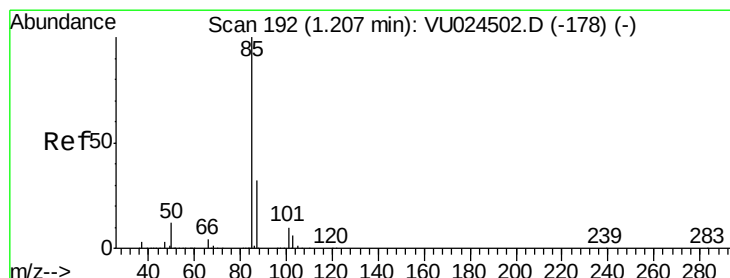
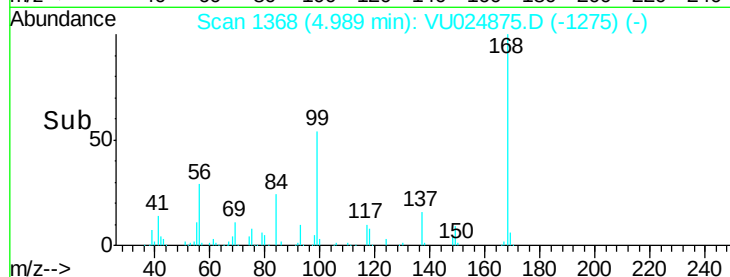
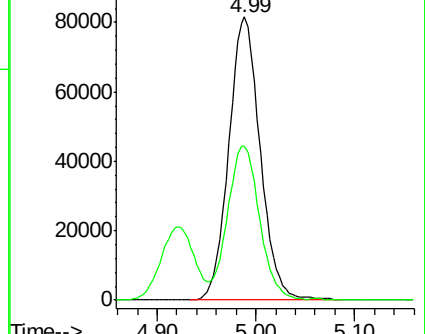
168 100

99 54.1 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: 17.89 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024875.D

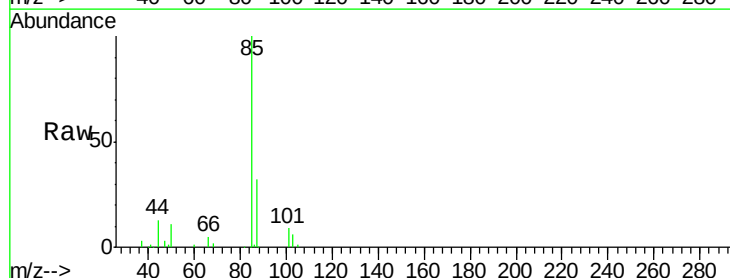
Acq: 25 Jun 2018 15:19

Tgt Ion: 85 Resp: 40532

Ion Ratio Lower Upper

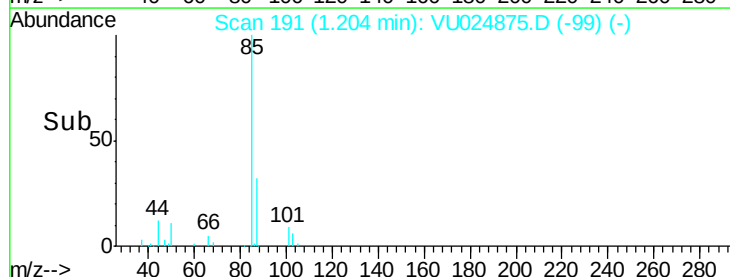
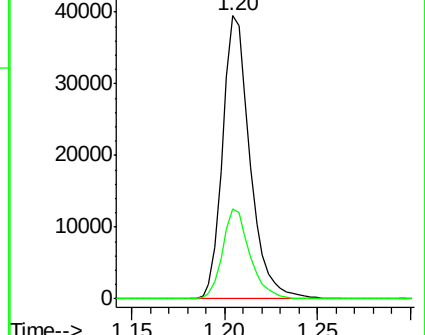
85 100

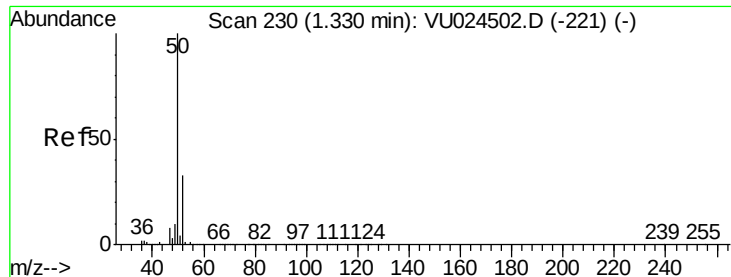
87 31.7 16.1 48.2



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

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





#3

Chloromethane

Concen: 17.56 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

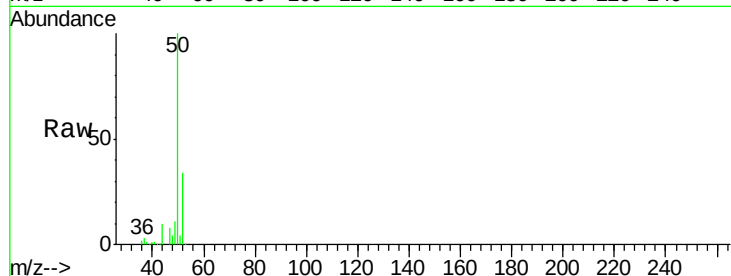
ClientSampleId :

Tot Ion: 50 Resp: 40656

Ion Ratio Lower Upper

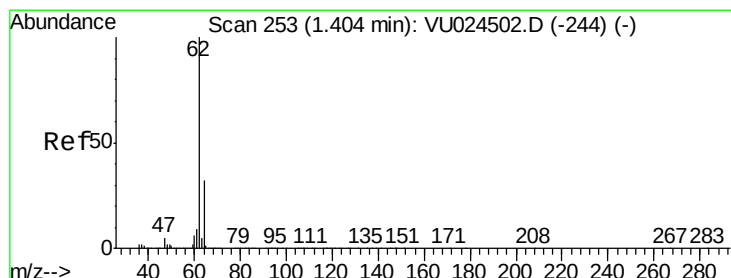
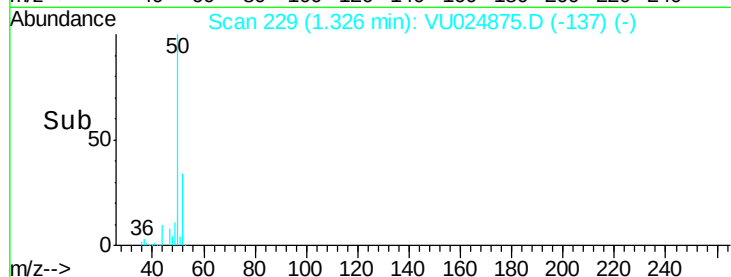
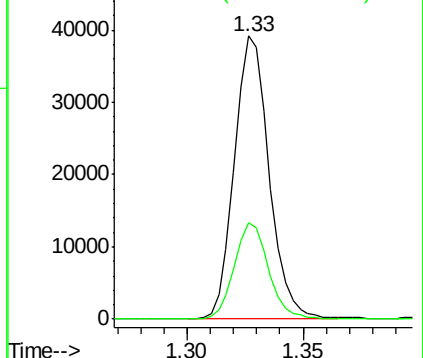
50 100

52 34.1 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 18.14 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024875.D

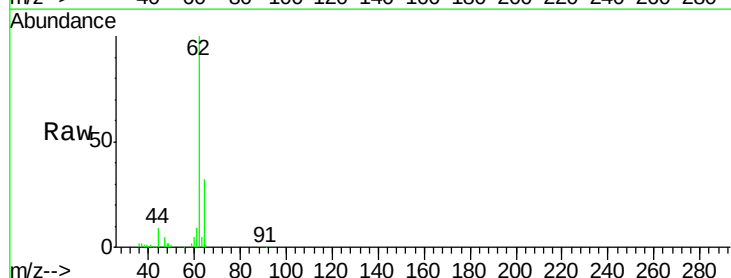
Acq: 25 Jun 2018 15:19

Tgt Ion: 62 Resp: 43321

Ion Ratio Lower Upper

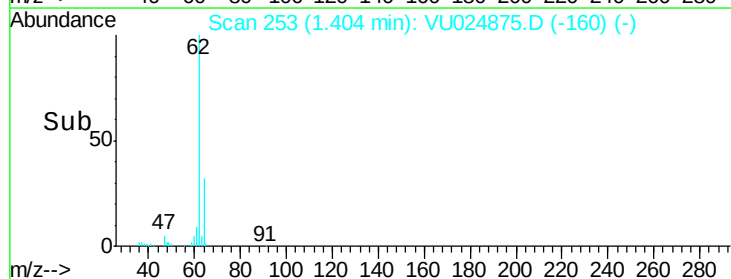
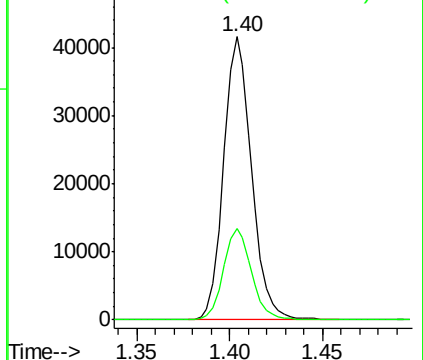
62 100

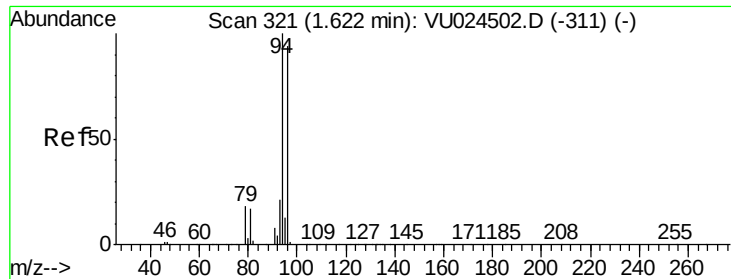
64 32.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 23.60 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

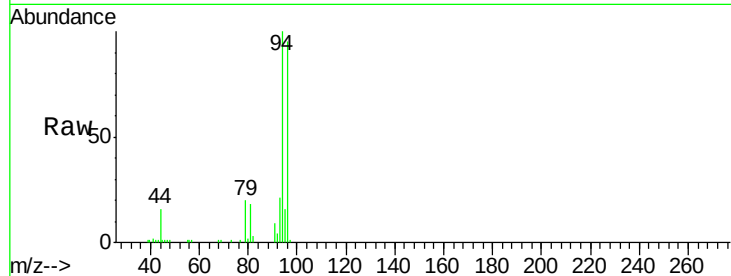
ClientSampleId :

Tot Ion: 94 Resp: 27237

Ion Ratio Lower Upper

94 100

96 95.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

25000

20000

15000

10000

5000

0

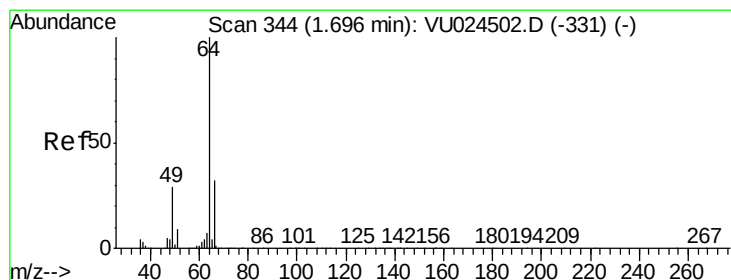
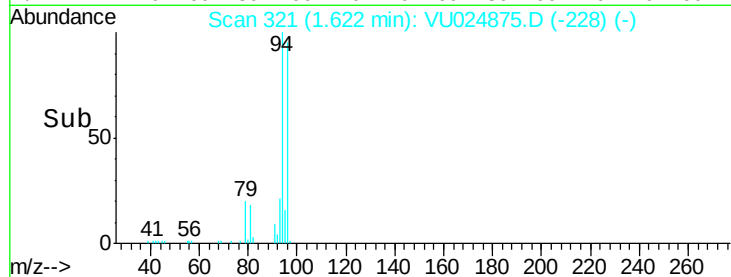
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 21.48 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024875.D

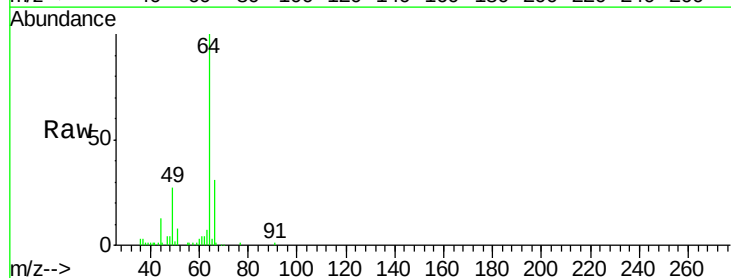
Acq: 25 Jun 2018 15:19

Tgt Ion: 64 Resp: 29454

Ion Ratio Lower Upper

64 100

66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

25000

20000

15000

10000

5000

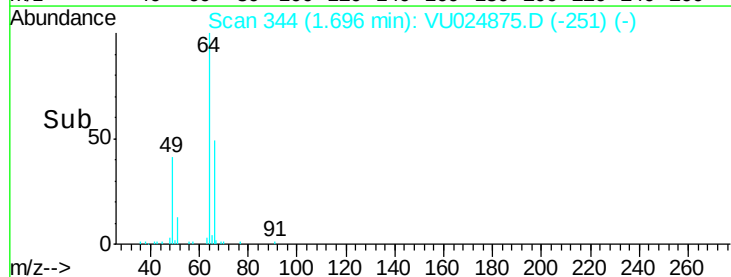
0

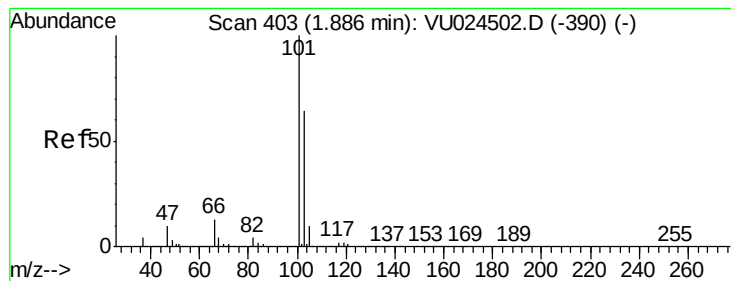
Time-->

1.65

1.70

1.75



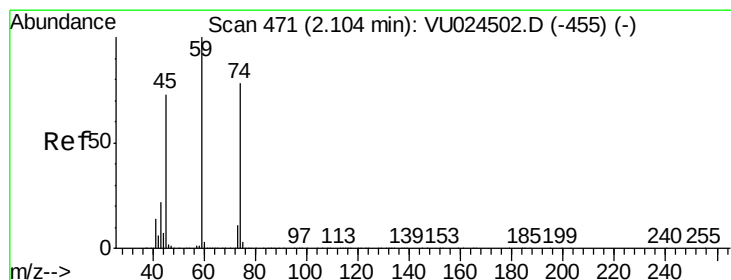
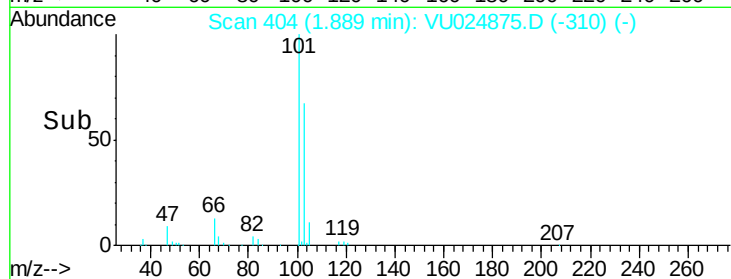
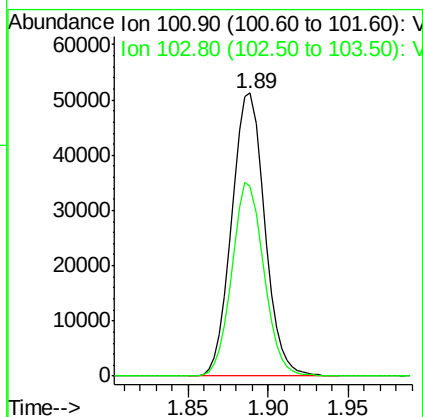
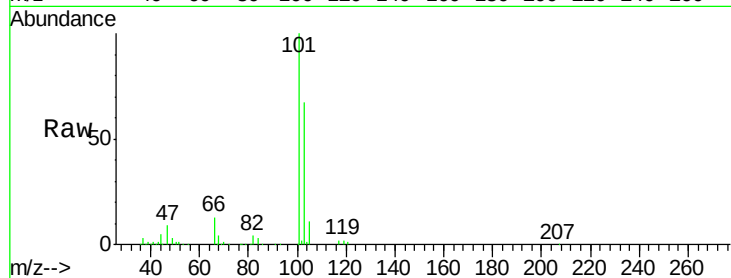


#7

Trichlorofluoromethane
Concen: 19.77 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampled :

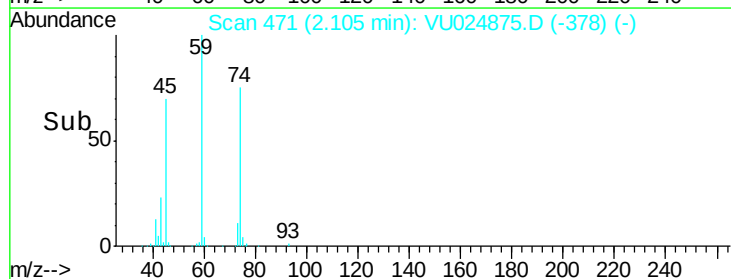
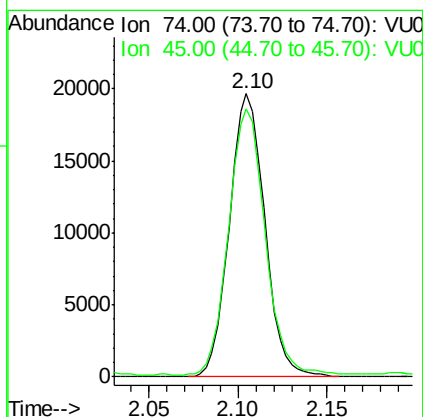
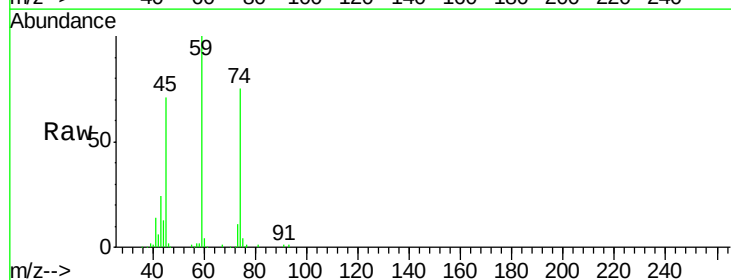
Tot Ion:101 Resp: 72035
Ion Ratio Lower Upper
101 100
103 67.1 52.3 78.5

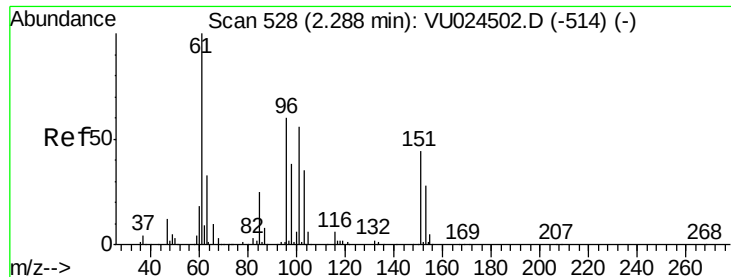


#8

Diethyl Ether
Concen: 20.81 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion: 74 Resp: 27162
Ion Ratio Lower Upper
74 100
45 96.8 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.92 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampled :

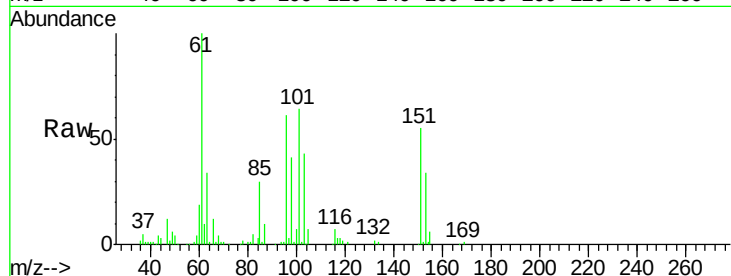
Tot Ion:101 Resp: 40519

Ion Ratio Lower Upper

101 100

85 46.2 36.0 54.0

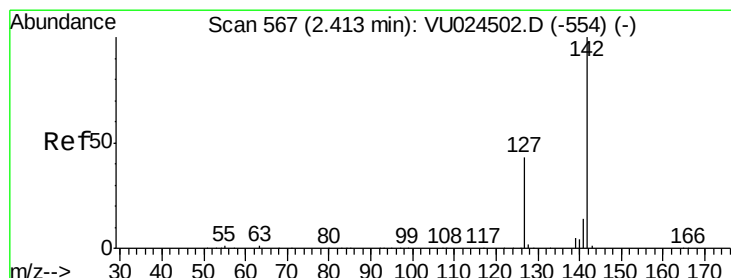
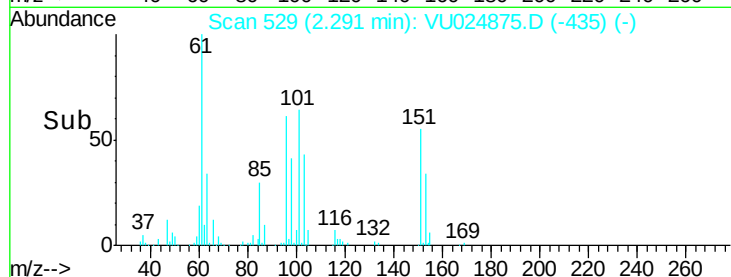
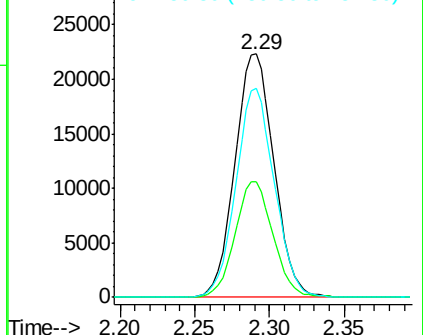
151 84.6 62.3 93.5



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: 20.76 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

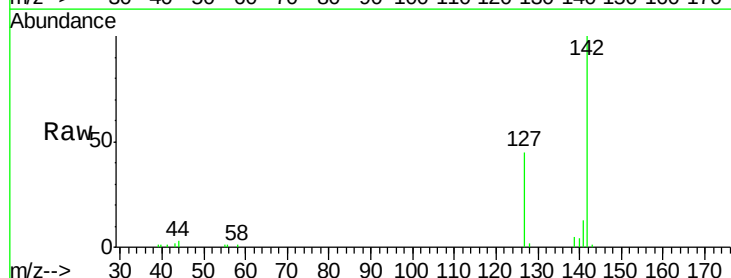
Tgt Ion:142 Resp: 33109

Ion Ratio Lower Upper

142 100

127 45.2 35.6 53.4

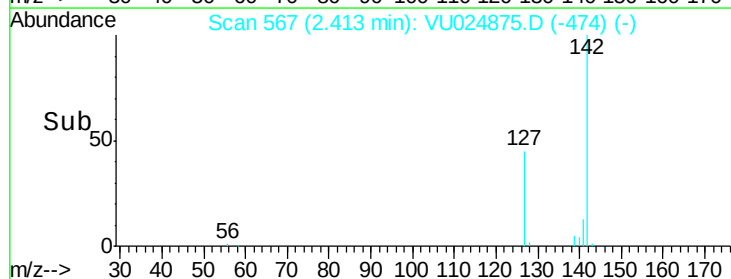
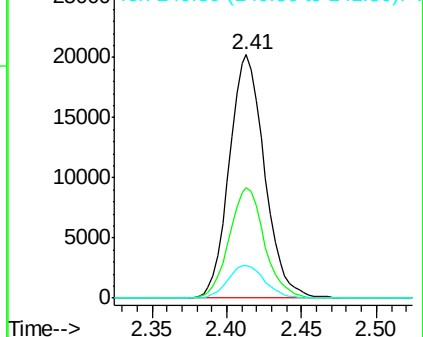
141 13.9 11.7 17.5

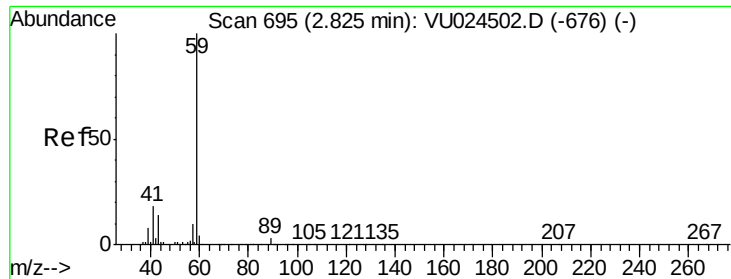


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



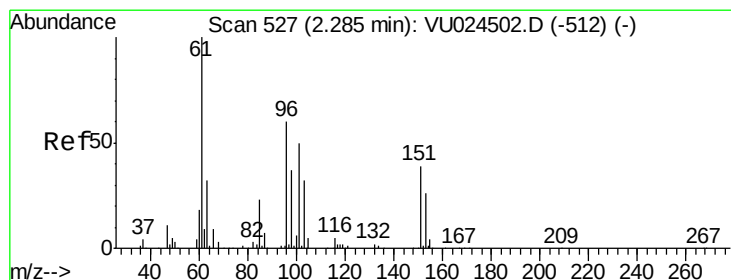
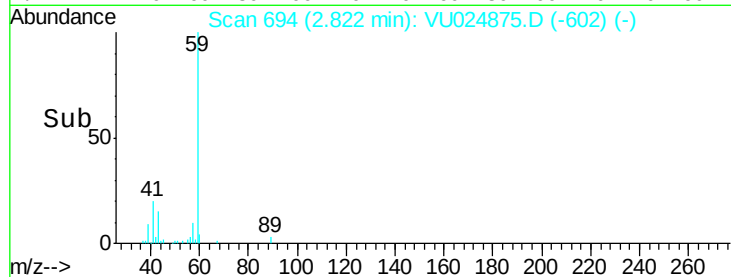
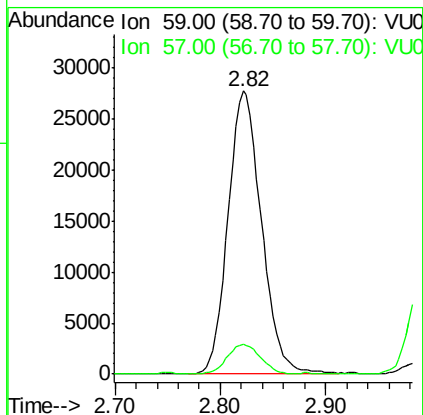
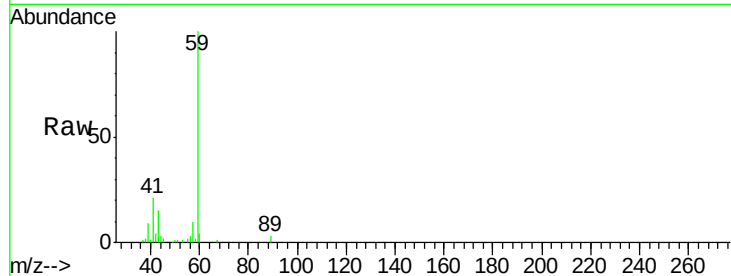


#11

Tert butyl alcohol
 Concen: 84.82 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Instrument :
 MSVOA_U
 ClientSampleId :

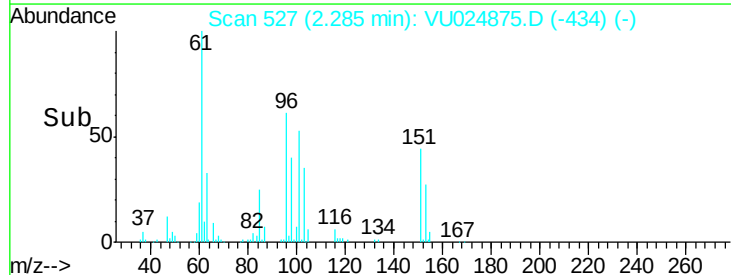
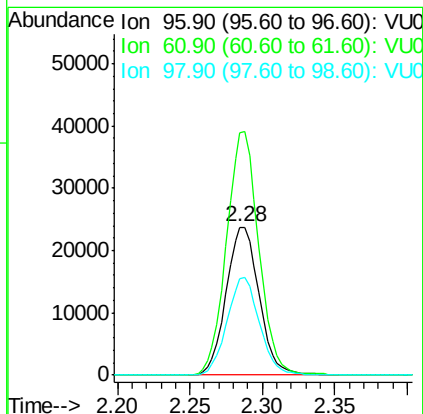
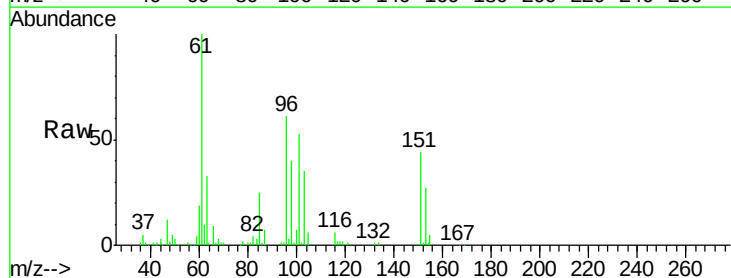
Tot Ion: 59 Resp: 60972
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

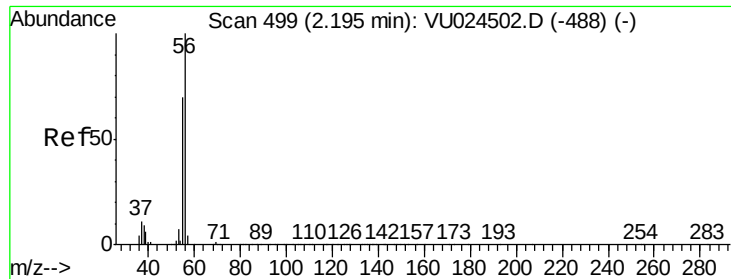


#12

1,1-Dichloroethene
 Concen: 18.12 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion: 96 Resp: 37358
 Ion Ratio Lower Upper
 96 100
 61 163.6 141.7 212.5
 98 65.2 51.6 77.4





#13

Acrolein

Concen: 54.28 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

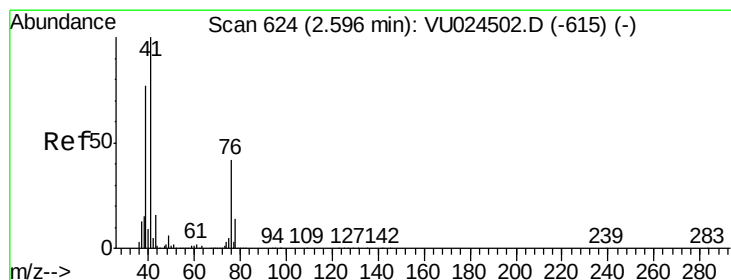
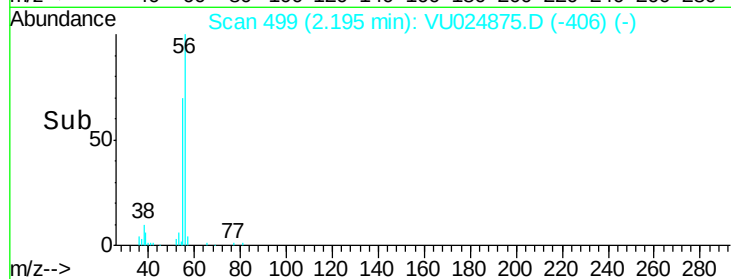
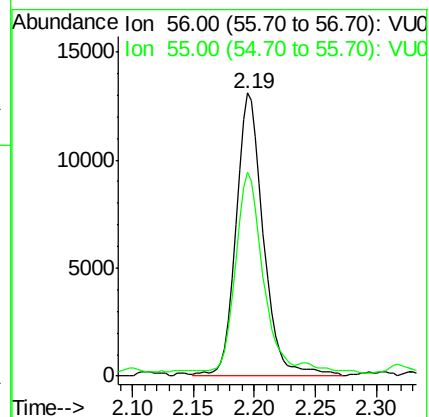
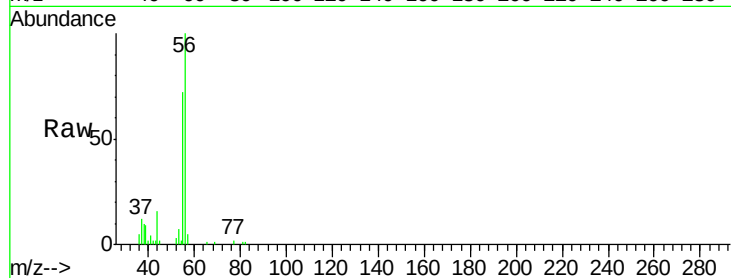
ClientSampled :

Tot Ion: 56 Resp: 20490

Ion Ratio Lower Upper

56 100

55 67.8 58.4 87.6



#14

Allyl chloride

Concen: 17.13 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

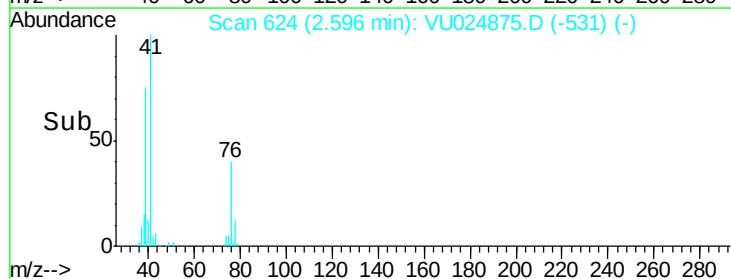
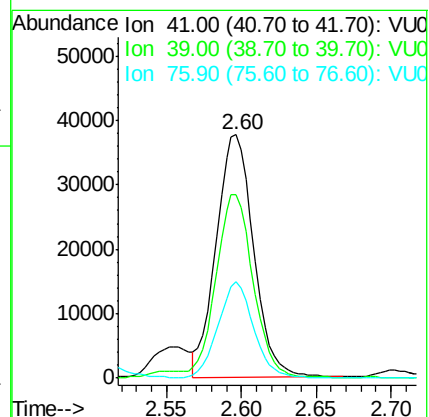
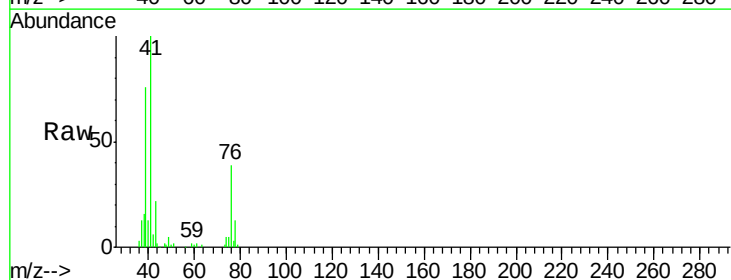
Tgt Ion: 41 Resp: 65554

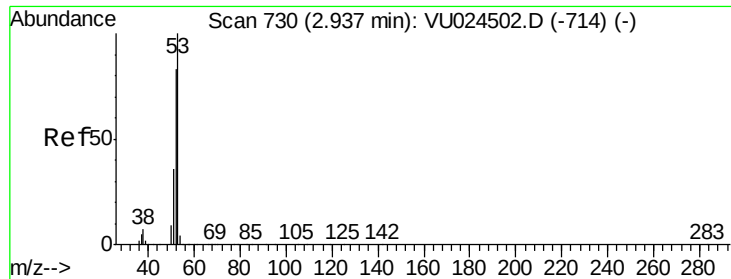
Ion Ratio Lower Upper

41 100

39 75.0 61.6 92.4

76 38.1 29.7 44.5

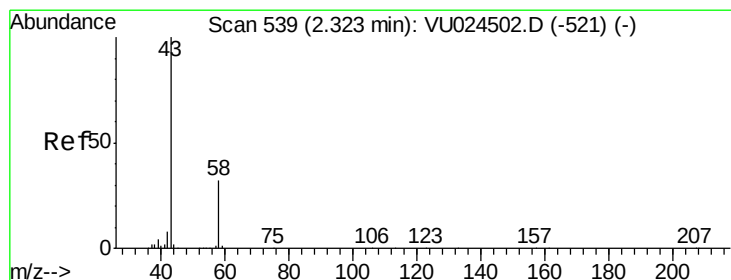
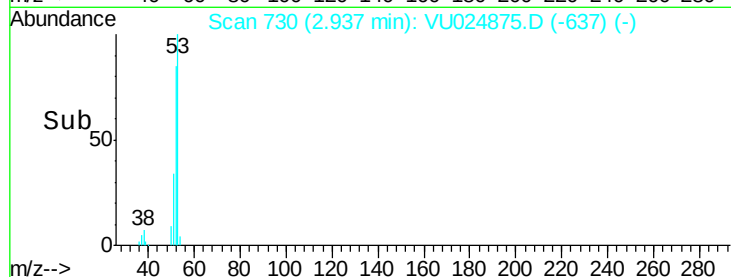
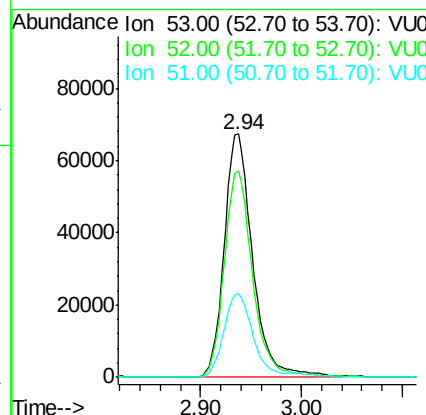
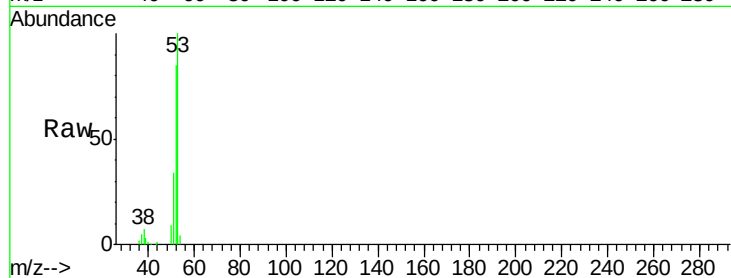




#15
 Acrylonitrile
 Concen: 94.95 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

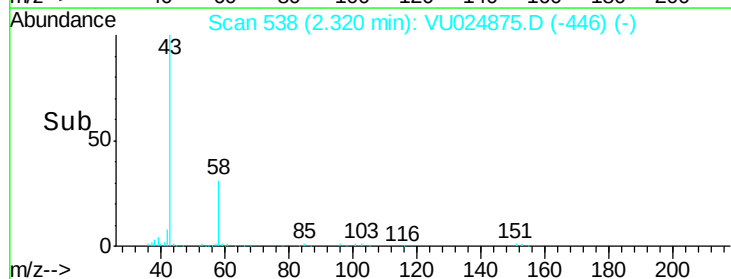
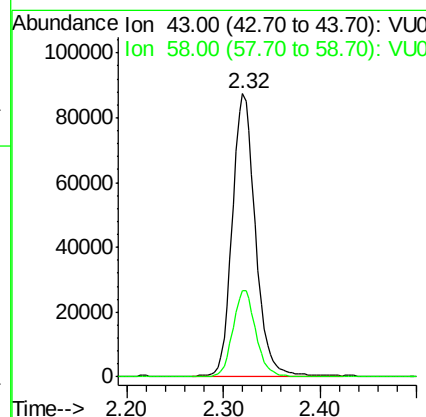
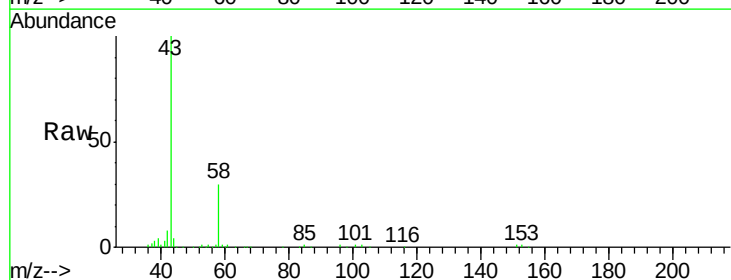
Instrument :
 MSVOA_U
 ClientSampleId :

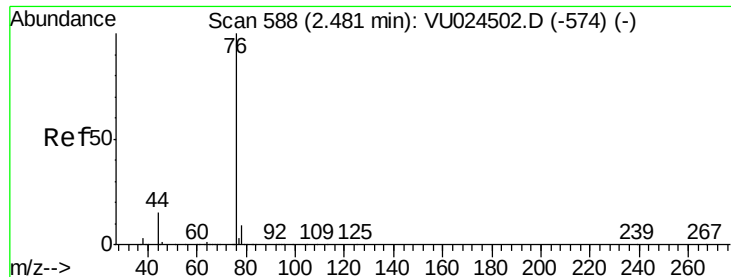
Tot Ion: 53 Resp: 132791
 Ion Ratio Lower Upper
 53 100
 52 84.3 67.1 100.7
 51 36.4 28.4 42.6



#16
 Acetone
 Concen: 90.79 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion: 43 Resp: 144174
 Ion Ratio Lower Upper
 43 100
 58 30.6 24.4 36.6





#17

Carbon Disulfide

Concen: 15.68 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

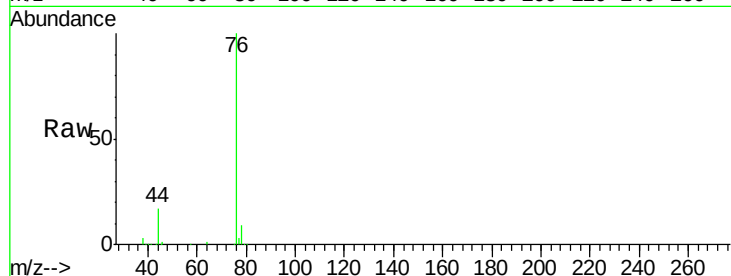
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 76 Resp: 103488

Ion Ratio Lower Upper

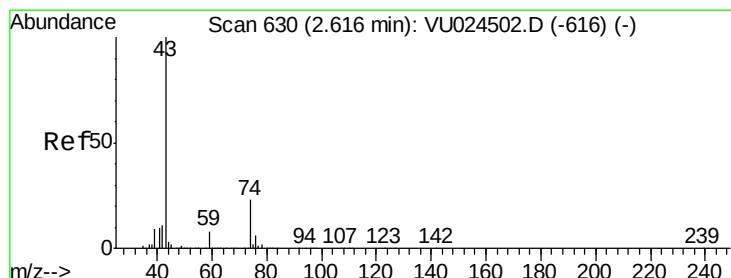
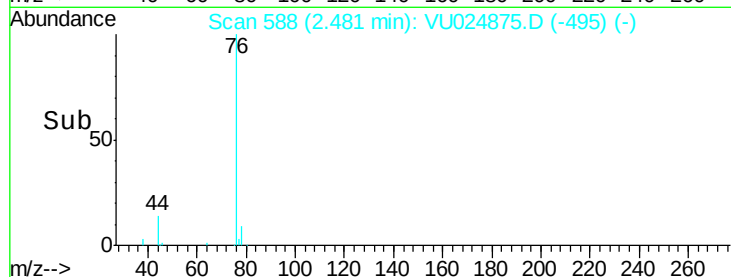
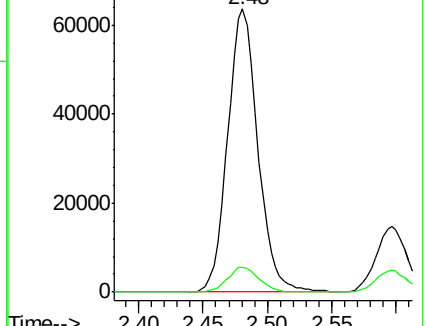
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 20.79 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024875.D

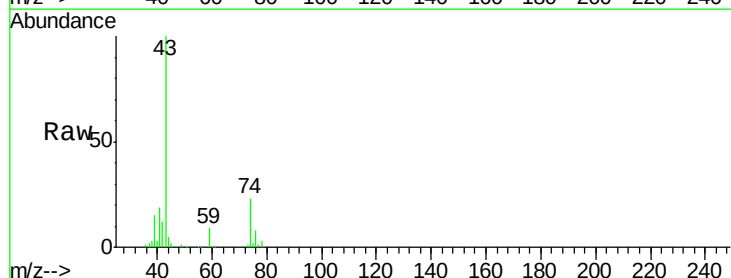
Acq: 25 Jun 2018 15:19

Tgt Ion: 43 Resp: 70774

Ion Ratio Lower Upper

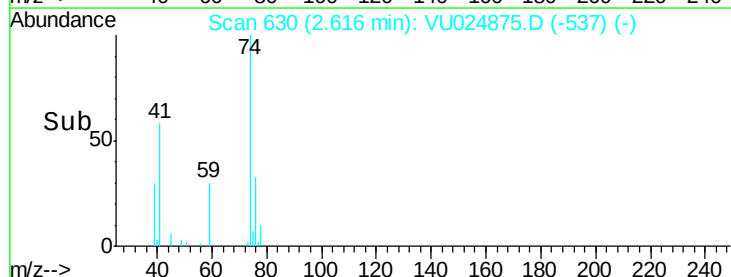
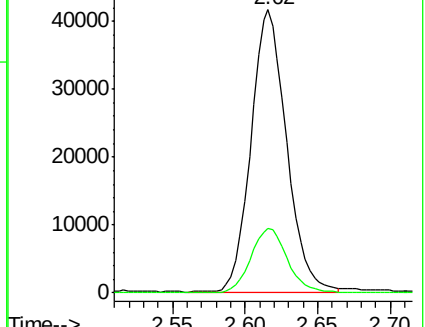
43 100

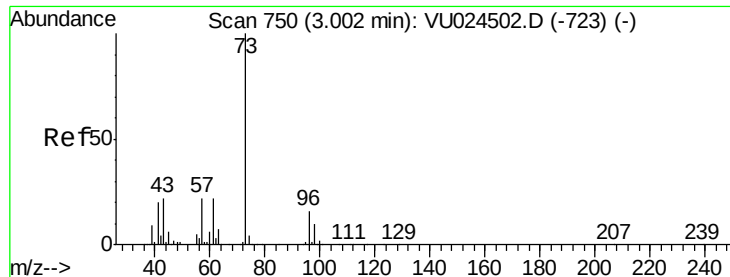
74 23.6 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



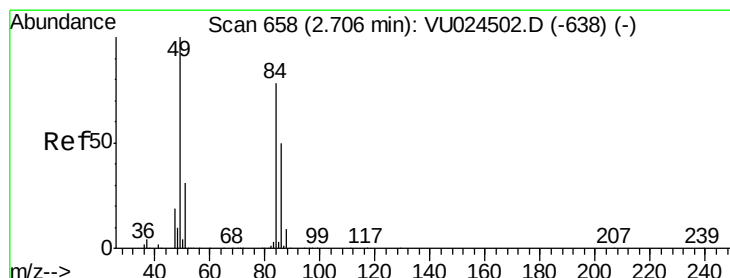
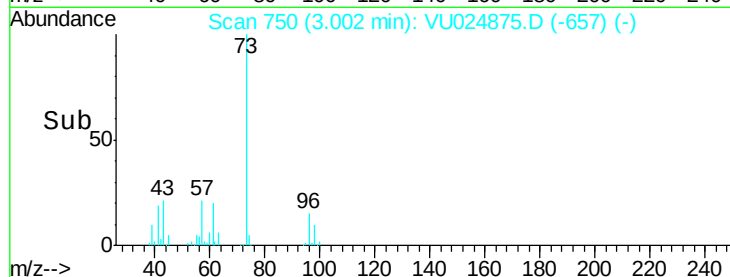
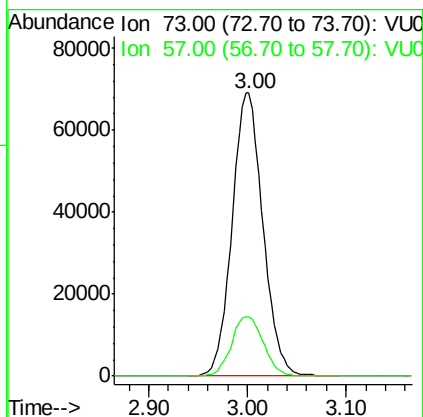
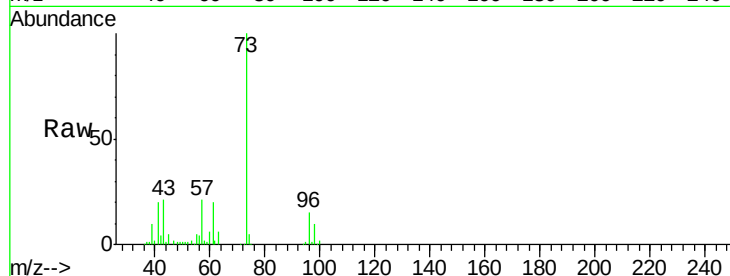


#19

Methyl tert-butyl Ether
 Concen: 19.37 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Instrument :
 MSVOA_U
 ClientSampleId :

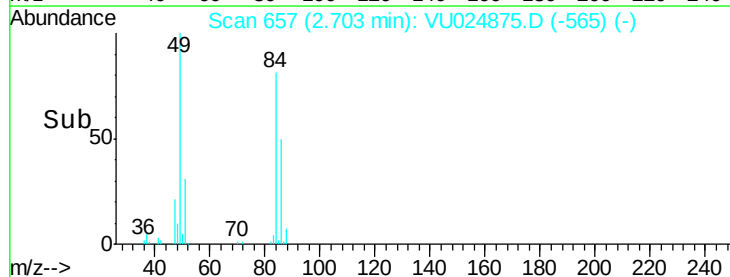
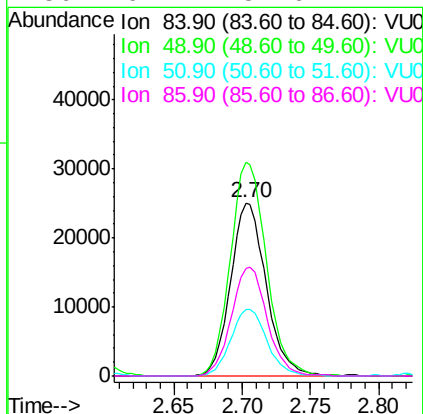
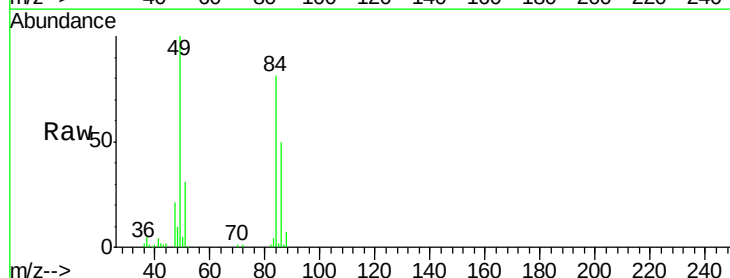
Tot Ion: 73 Resp: 150107
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.8 28.2

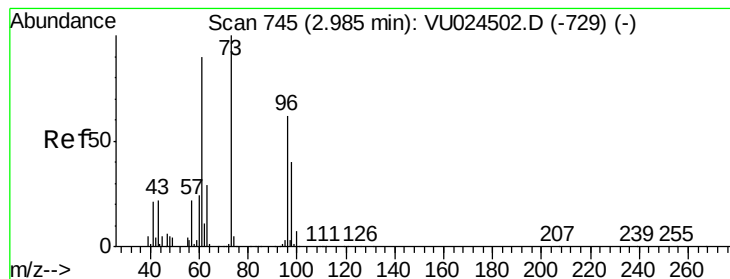


#20

Methylene Chloride
 Concen: 18.21 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion: 84 Resp: 45374
 Ion Ratio Lower Upper
 84 100
 49 123.5 103.8 155.8
 51 38.4 32.0 48.0
 86 62.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 17.72 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :

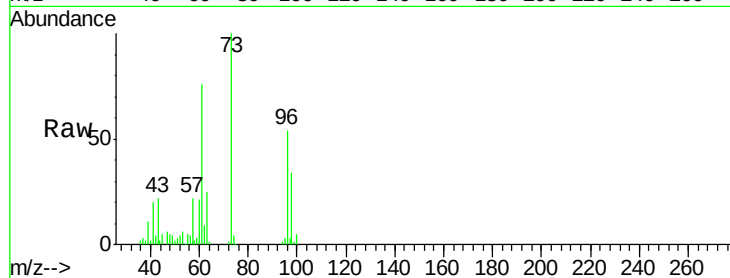
Tot Ion: 96 Resp: 40236

Ion Ratio Lower Upper

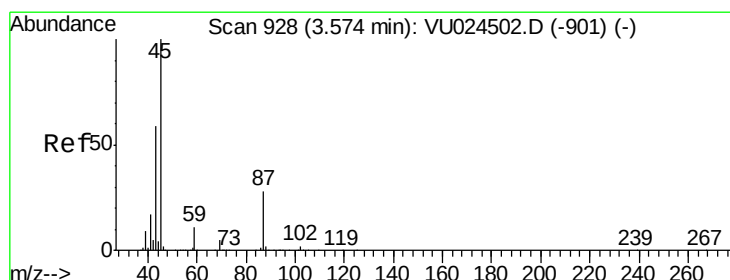
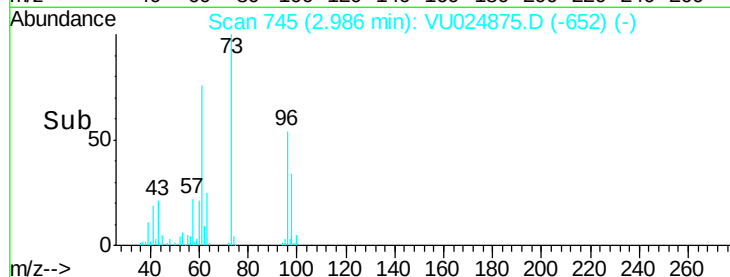
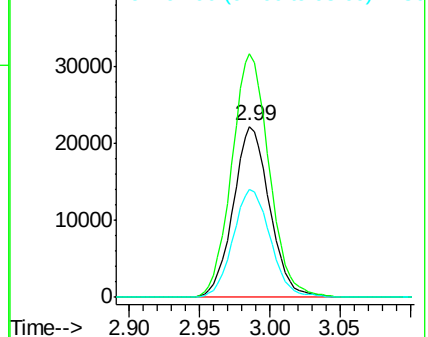
96 100

61 142.5 119.4 179.0

98 63.2 51.1 76.7



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



#22

Diisopropyl ether

Concen: 19.21 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion: 45 Resp: 145775

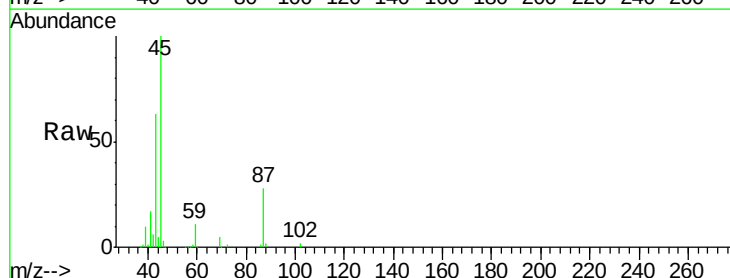
Ion Ratio Lower Upper

45 100

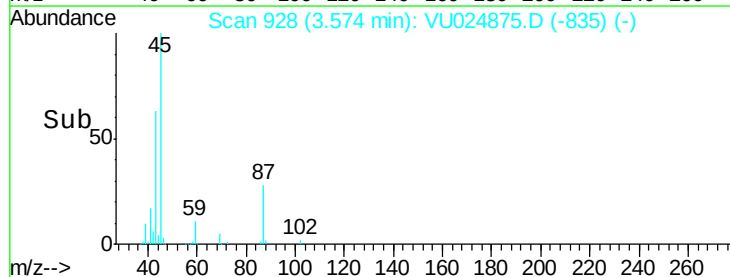
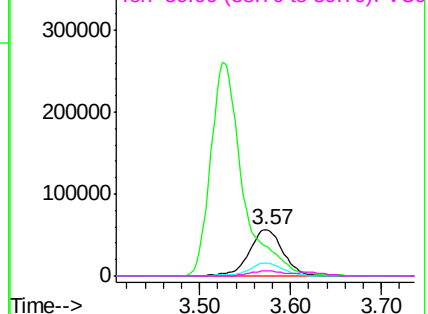
43 61.3 45.8 68.6

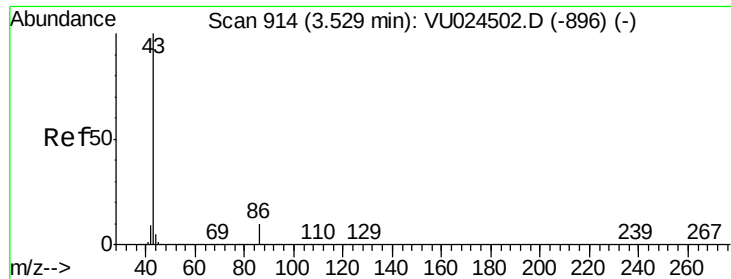
87 28.4 20.6 31.0

59 11.4 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: 94.08 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

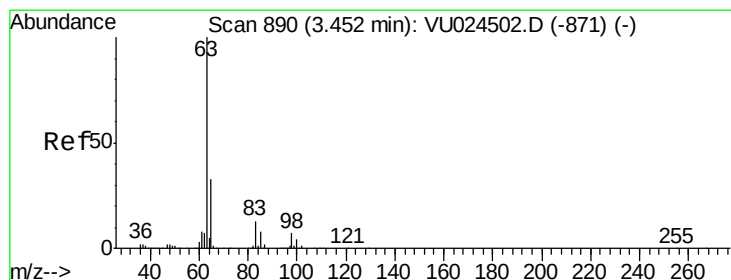
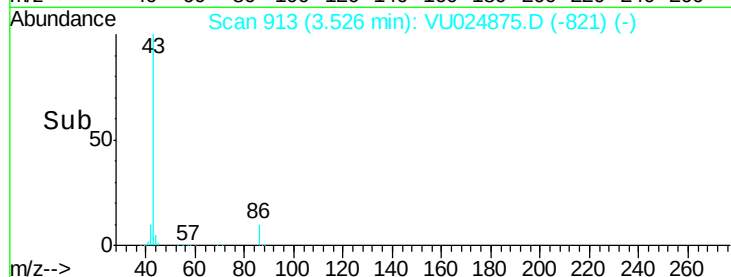
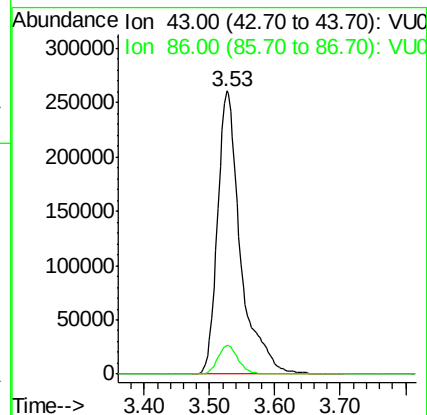
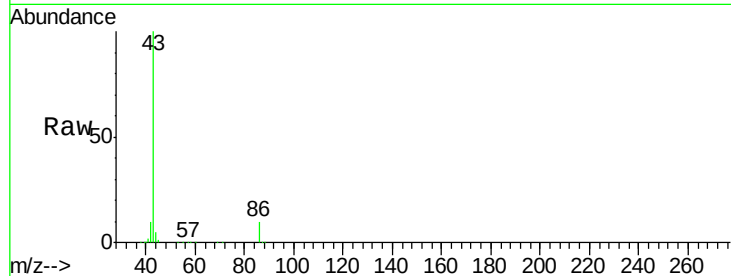
ClientSampleId :

Tot Ion: 43 Resp: 639453

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



#24

1,1-Dichloroethane

Concen: 19.16 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

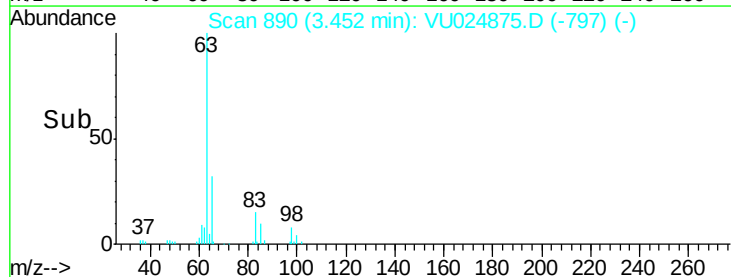
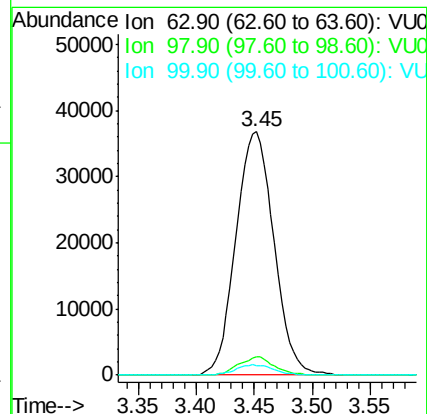
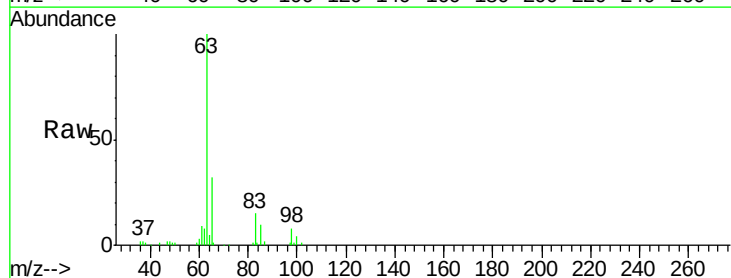
Tgt Ion: 63 Resp: 83635

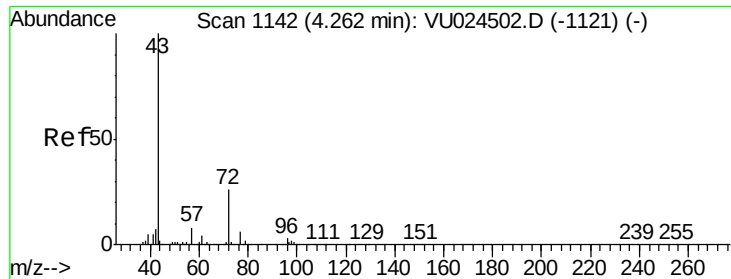
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.1 1.8 5.5

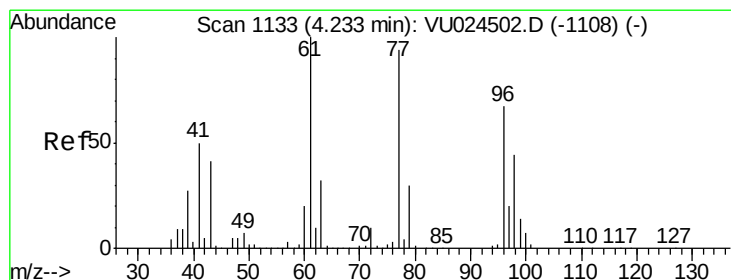
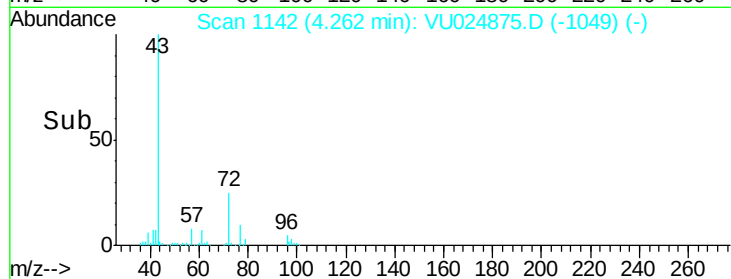
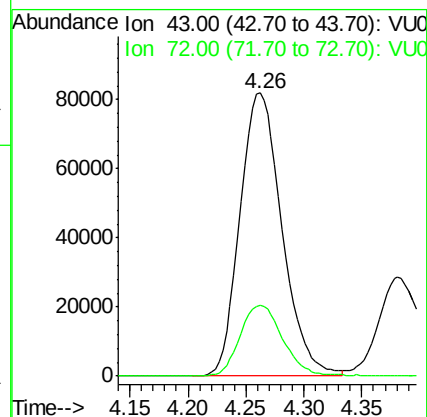
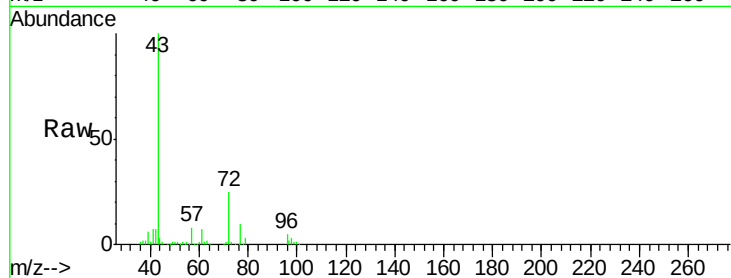




#25
2-Butanone
Concen: 96.34 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

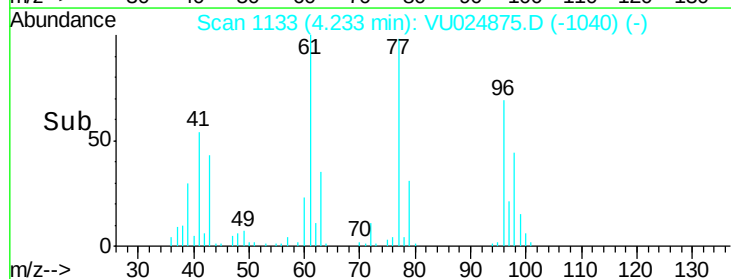
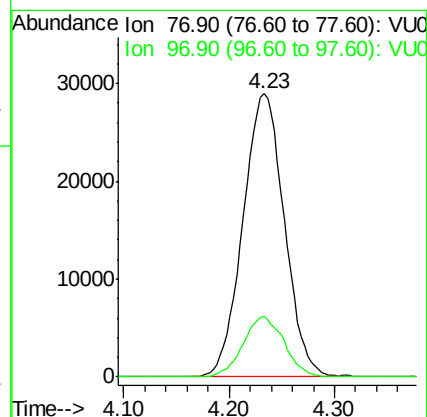
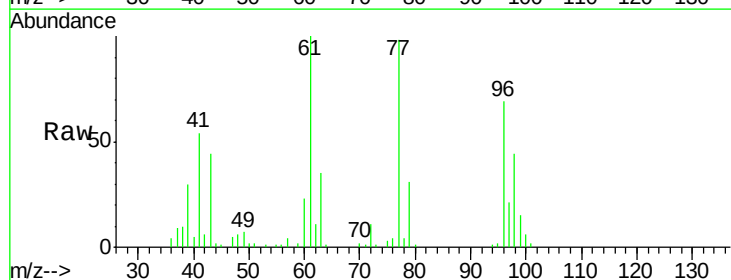
Instrument :
MSVOA_U
ClientSampleId :

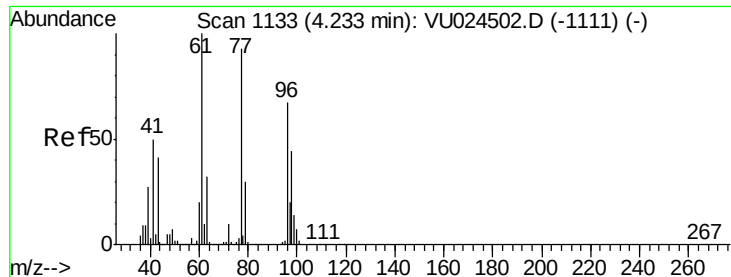
Tot Ion: 43 Resp: 205503
Ion Ratio Lower Upper
43 100
72 25.0 19.6 29.4



#26
2,2-Dichloropropane
Concen: 19.09 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion: 77 Resp: 79104
Ion Ratio Lower Upper
77 100
97 21.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.11 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

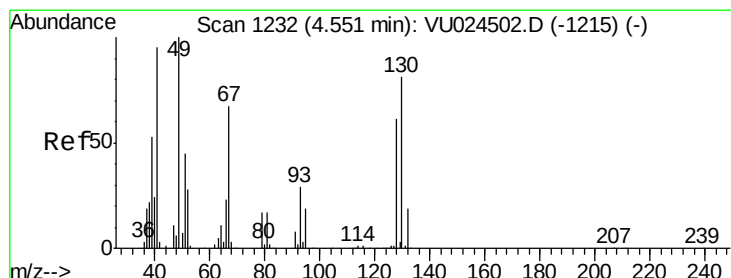
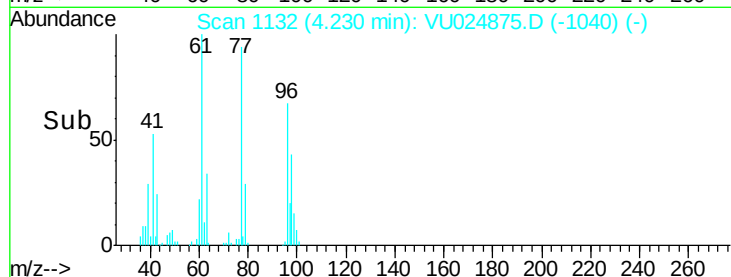
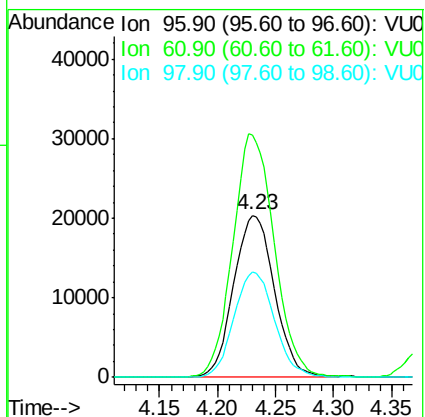
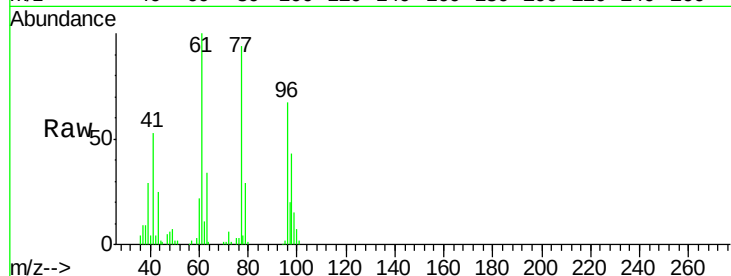
Tot Ion: 96 Resp: 49891

Ion Ratio Lower Upper

96 100

61 153.0 0.0 306.6

98 64.5 0.0 128.8



#28

Bromochloromethane

Concen: 18.51 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

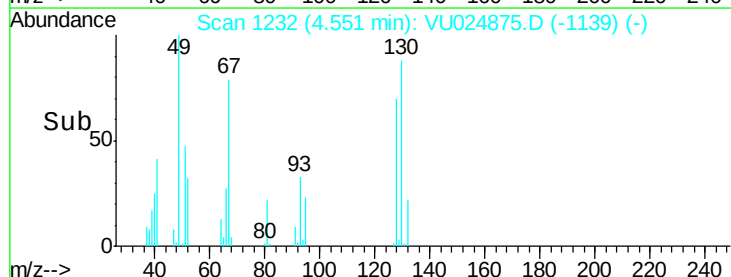
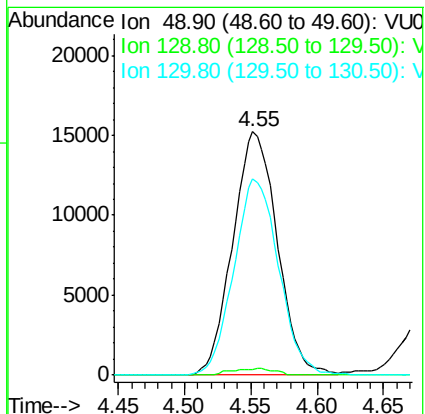
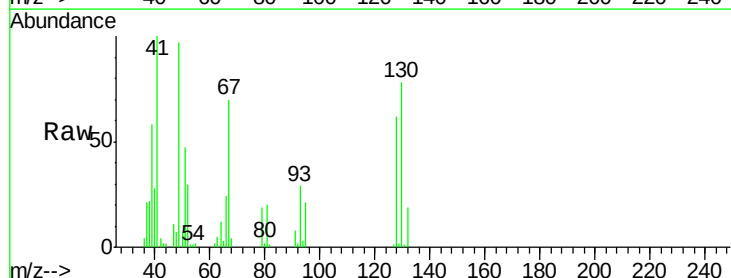
Tgt Ion: 49 Resp: 35581

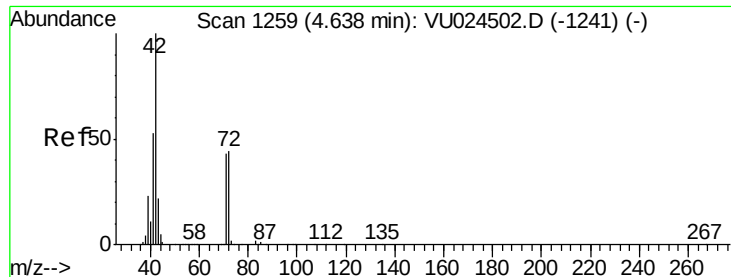
Ion Ratio Lower Upper

49 100

129 2.6 0.0 3.8

130 81.2 57.8 86.6





#29

Tetrahydrofuran

Concen: 92.33 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

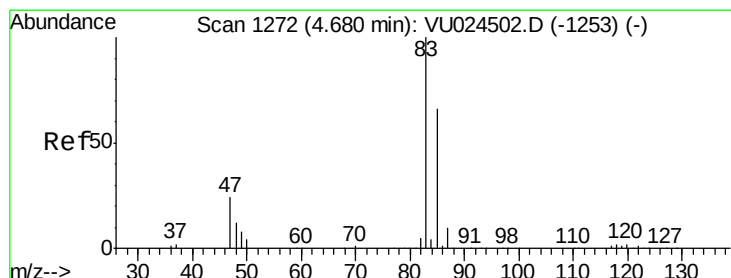
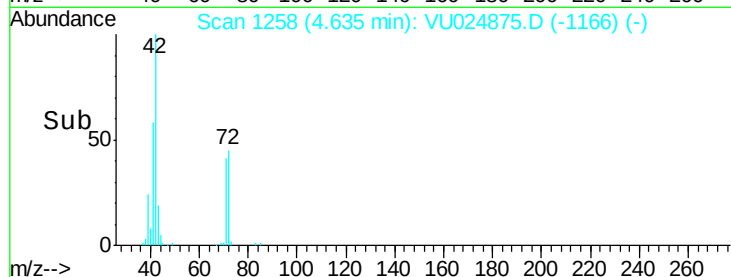
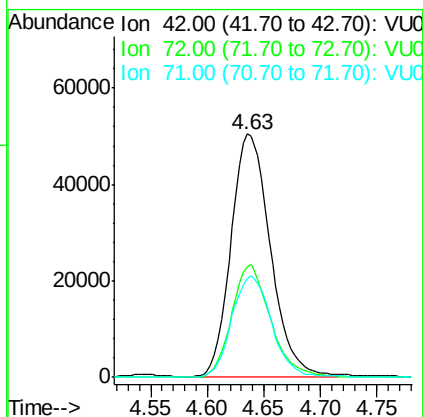
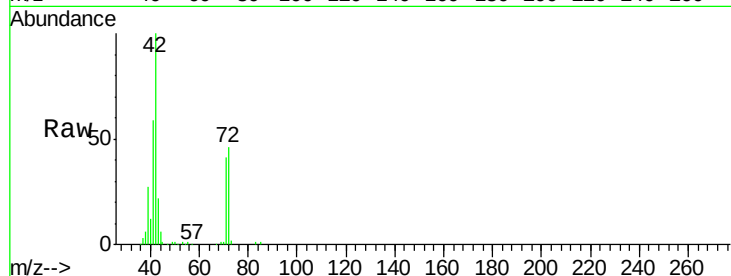
Tot Ion: 42 Resp: 121959

Ion Ratio Lower Upper

42 100

72 45.8 34.5 51.7

71 42.4 32.2 48.4



#30

Chloroform

Concen: 20.40 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024875.D

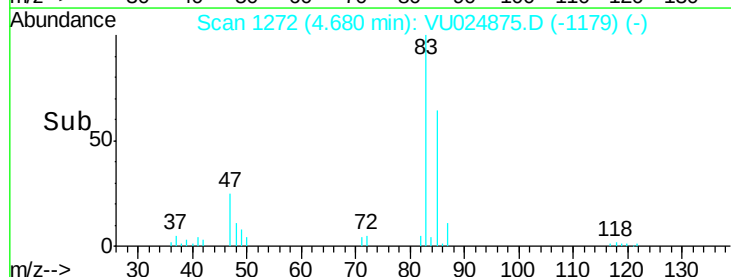
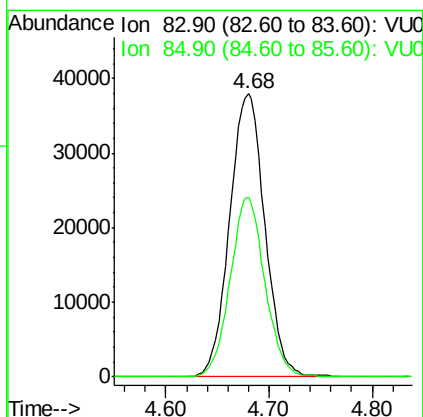
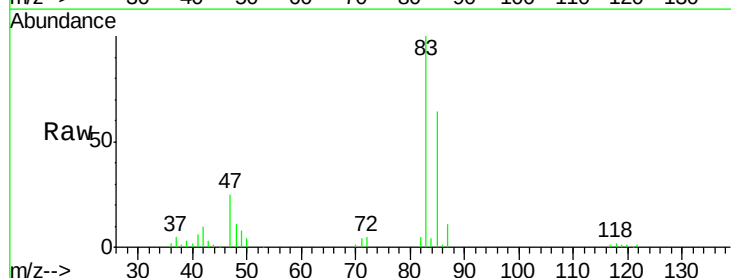
Acq: 25 Jun 2018 15:19

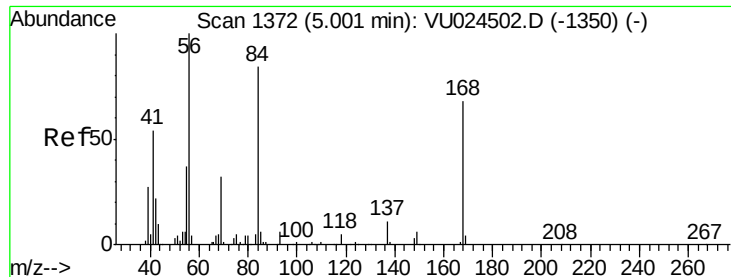
Tgt Ion: 83 Resp: 90139

Ion Ratio Lower Upper

83 100

85 63.6 52.4 78.6

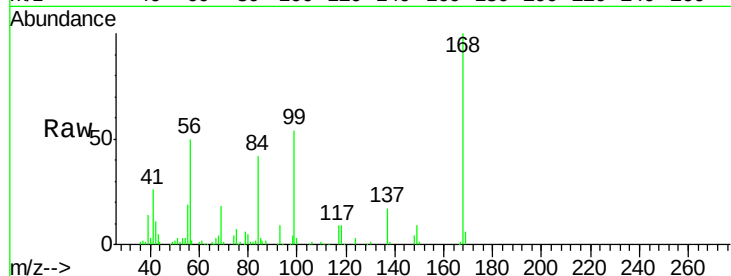




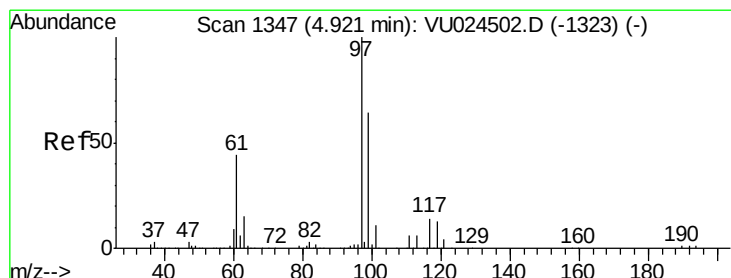
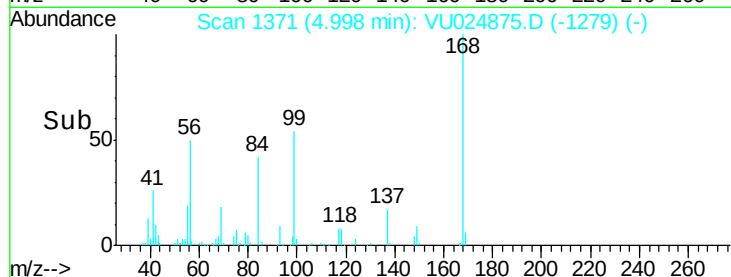
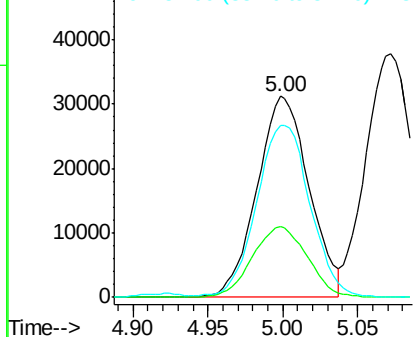
#31
Cyclohexane
Concen: 18.22 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 75475
Ion Ratio Lower Upper
56 100
69 35.4 24.8 37.2
84 84.6 65.2 97.8

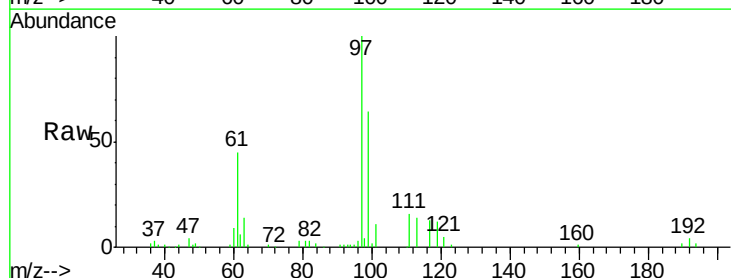


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

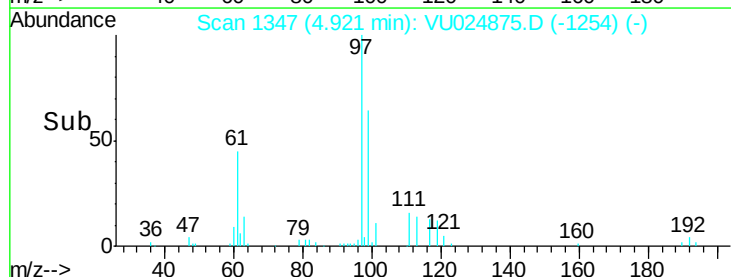
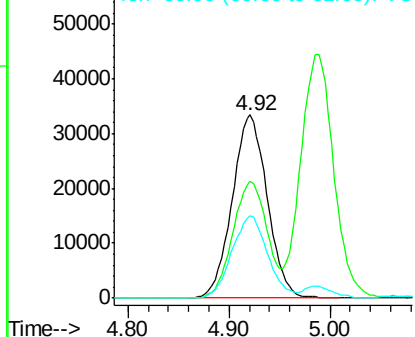


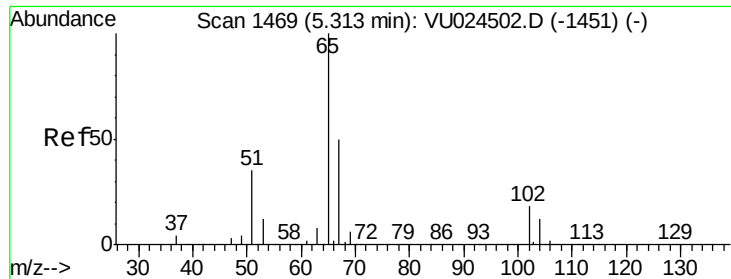
#32
1,1,1-Trichloroethane
Concen: 19.67 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion: 97 Resp: 80379
Ion Ratio Lower Upper
97 100
99 62.1 51.0 76.6
61 45.8 39.4 59.0



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

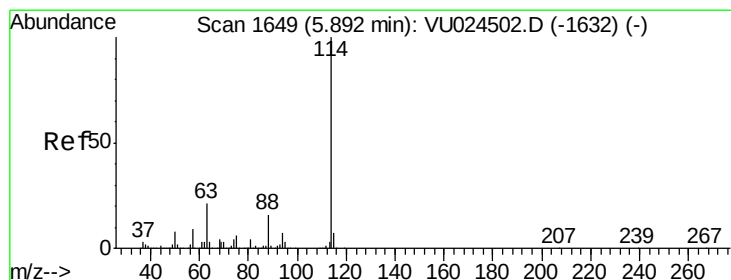
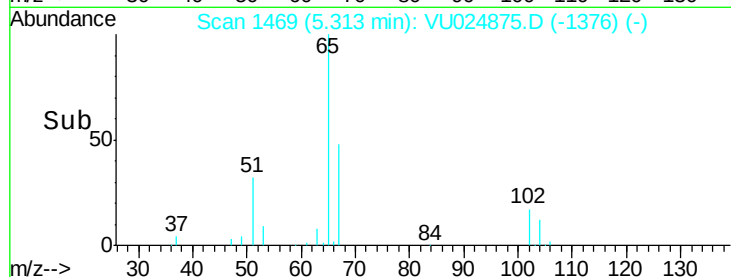
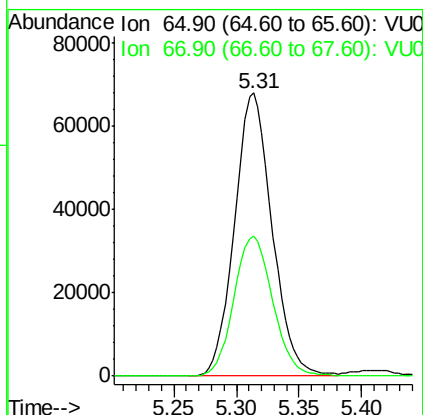
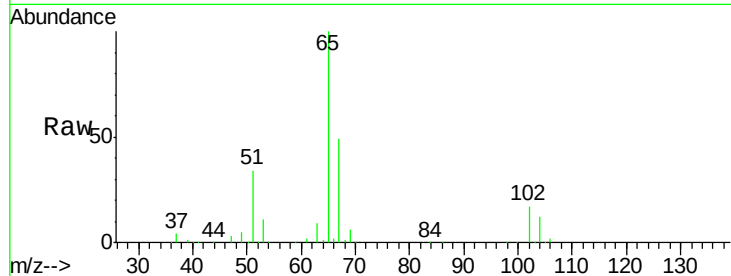




#33
 1,2-Dichloroethane-d4
 Concen: 47.73 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

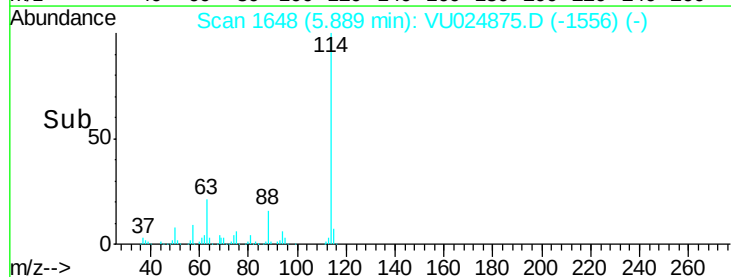
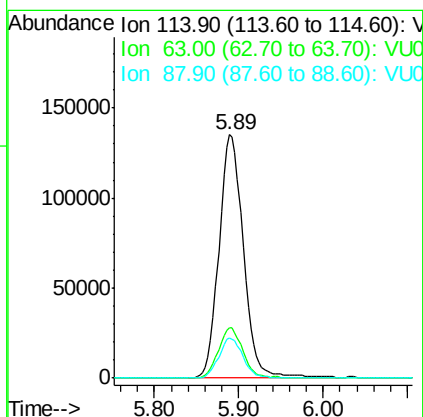
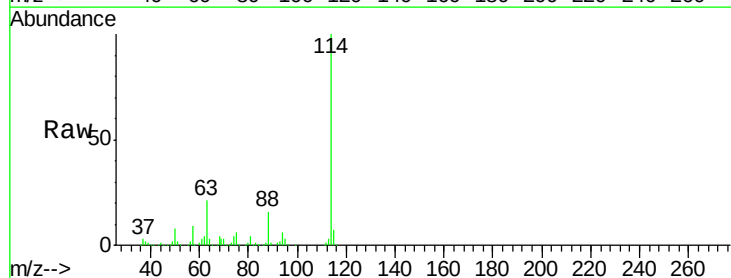
Instrument :
 MSVOA_U
 ClientSampleId :

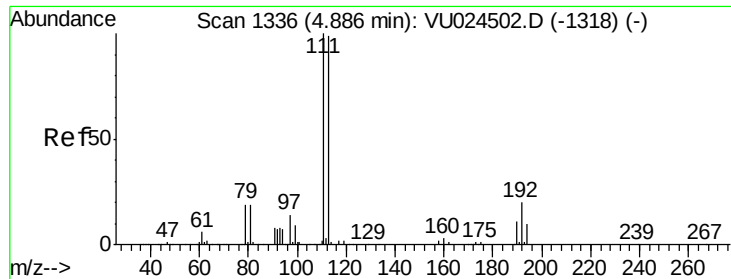
Tot Ion: 65 Resp: 141075
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion: 114 Resp: 272705
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.4
 88 16.4 0.0 31.0

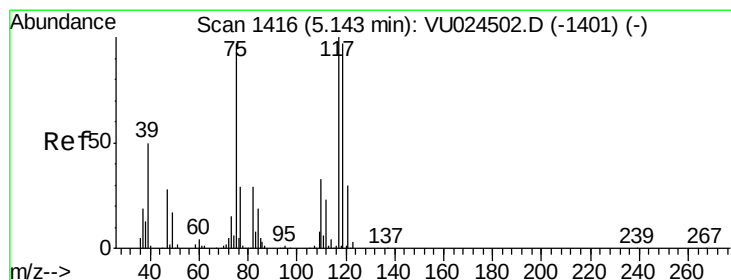
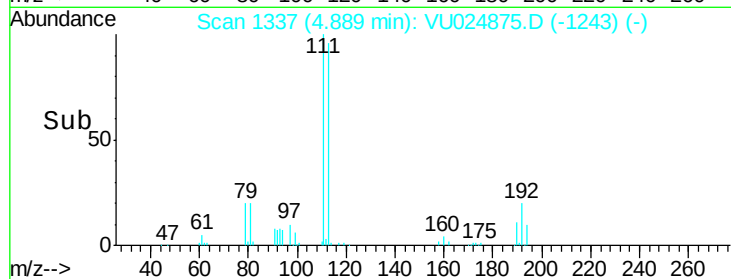
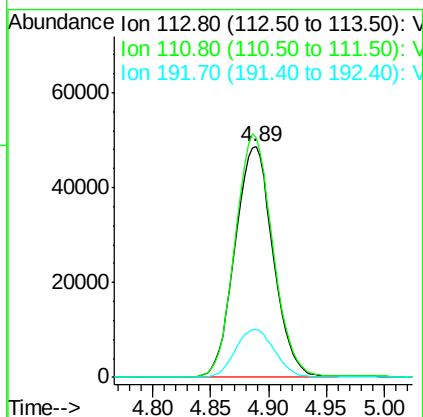
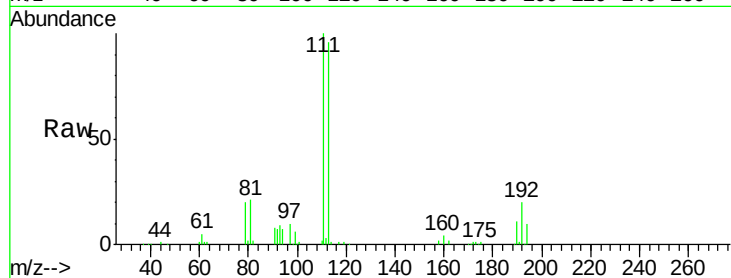




#35
 Dibromofluoromethane
 Concen: 49.21 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

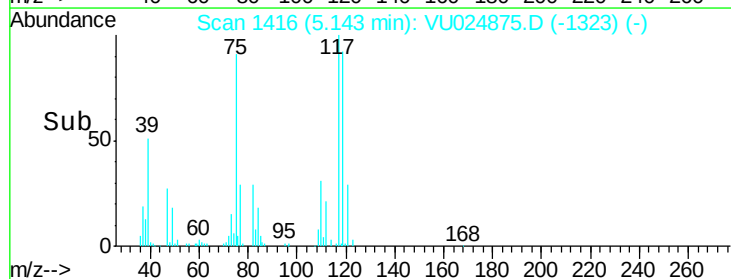
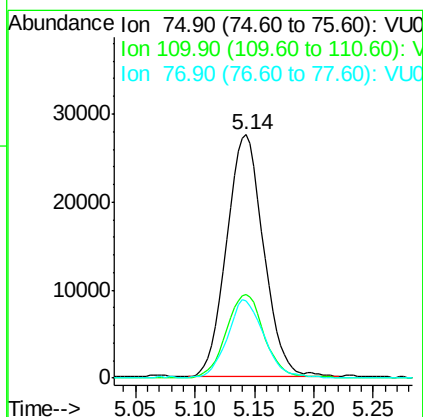
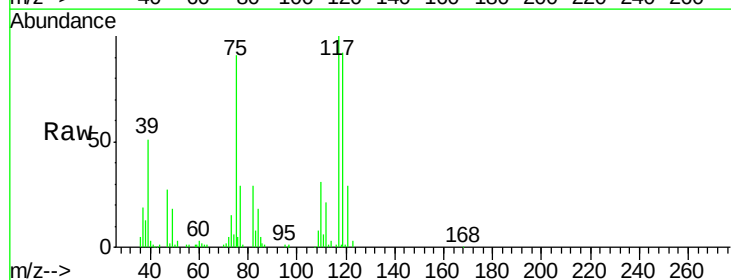
Instrument :
 MSVOA_U
 ClientSampleId :

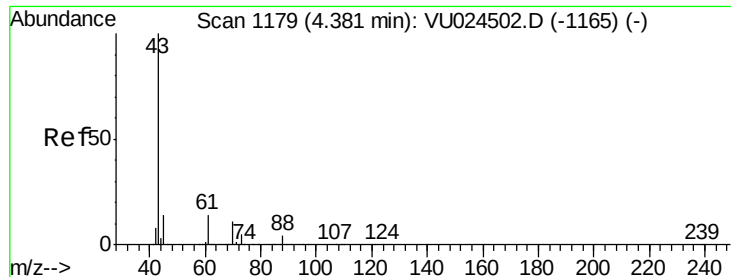
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.2	123.4
192	21.2	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 18.48 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.0	50.9
77	32.1	24.2	36.4

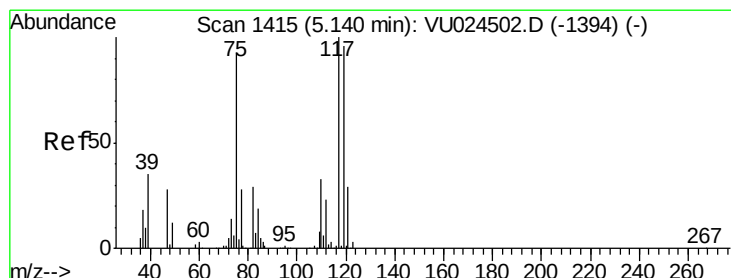
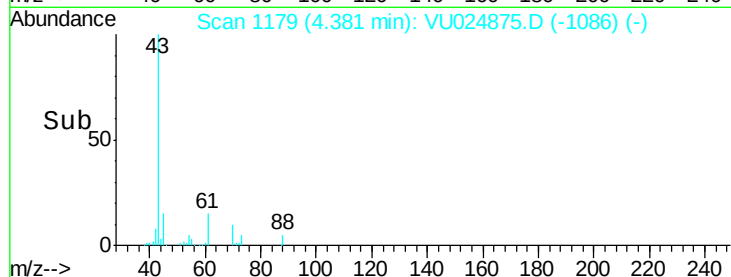
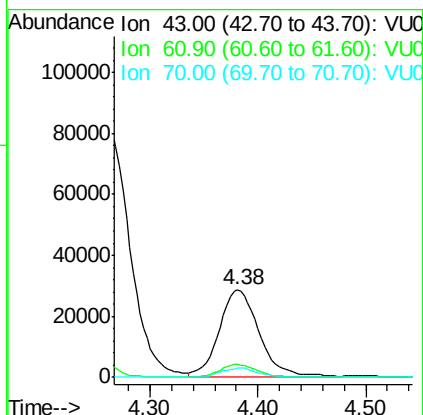
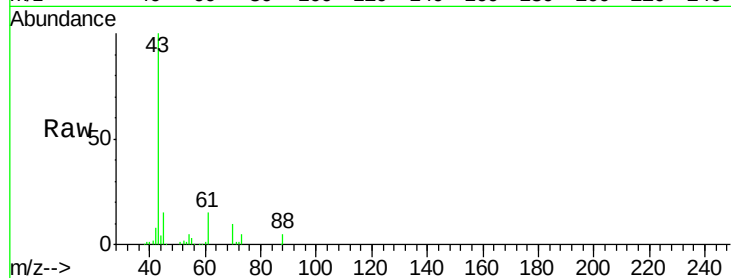




#37
Ethyl Acetate
Concen: 20.76 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

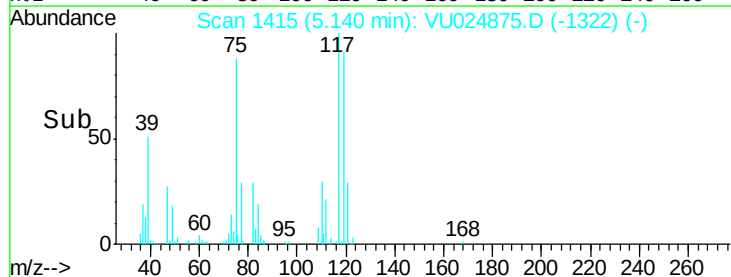
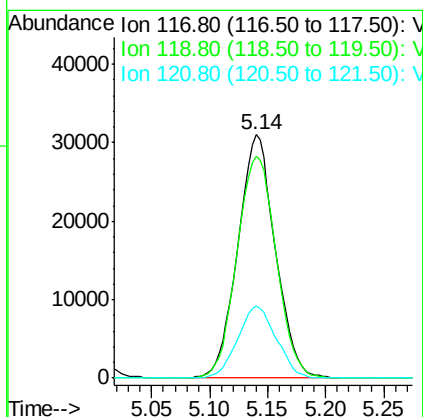
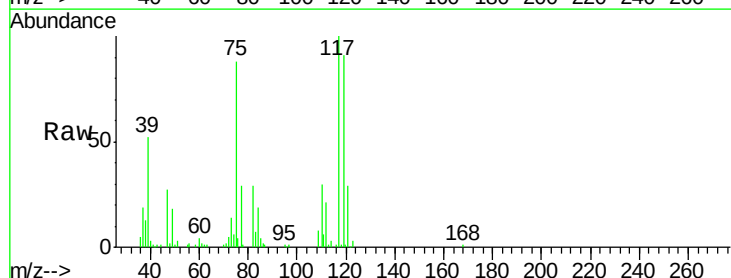
Instrument :
MSVOA_U
ClientSampleId :

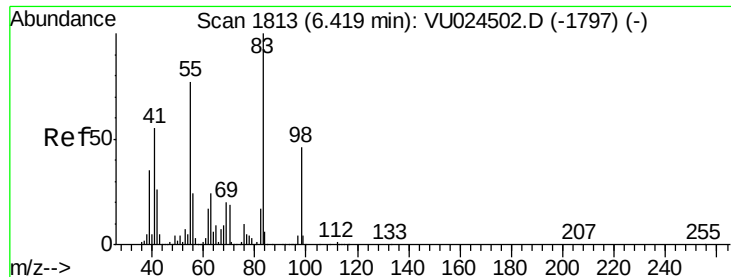
Tot Ion: 43 Resp: 72525
Ion Ratio Lower Upper
43 100
61 13.9 10.5 15.7
70 10.2 7.4 11.2



#38
Carbon Tetrachloride
Concen: 19.83 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion: 117 Resp: 69894
Ion Ratio Lower Upper
117 100
119 91.0 76.1 114.1
121 29.4 23.7 35.5

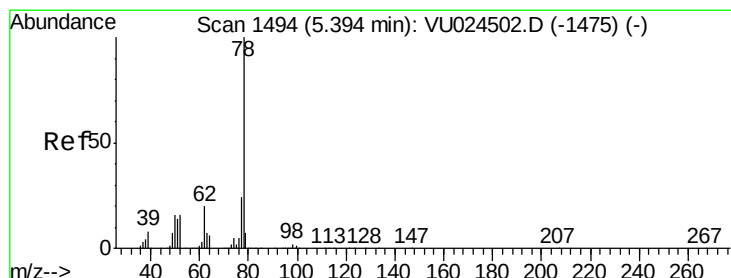
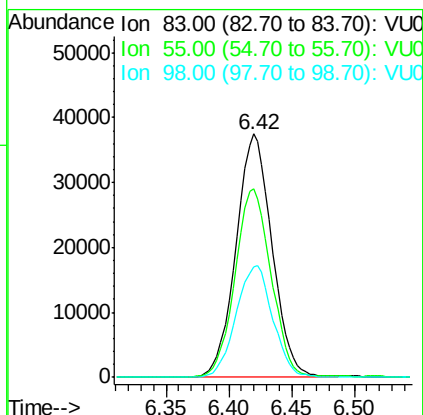
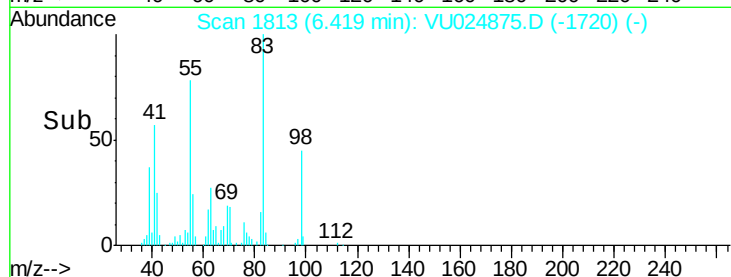
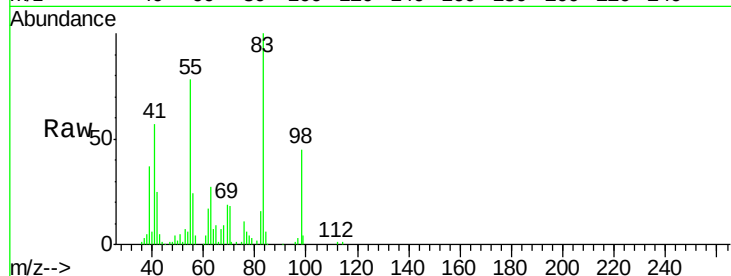




#39
Methylvlcyclohexane
Concen: 18.72 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

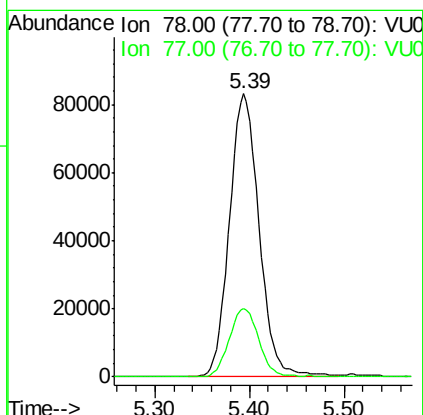
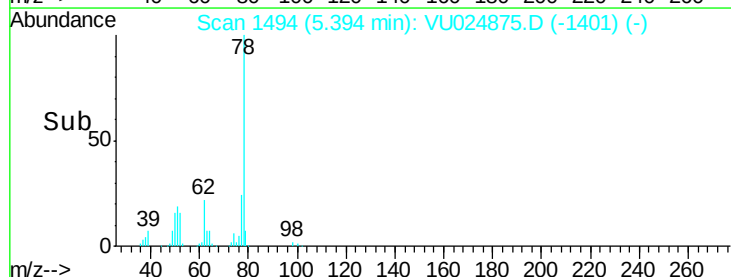
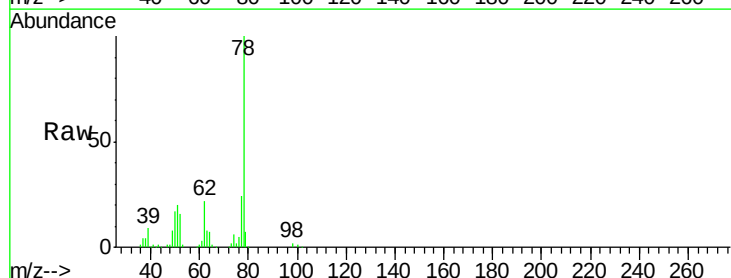
Instrument :
MSVOA_U
ClientSampleId :

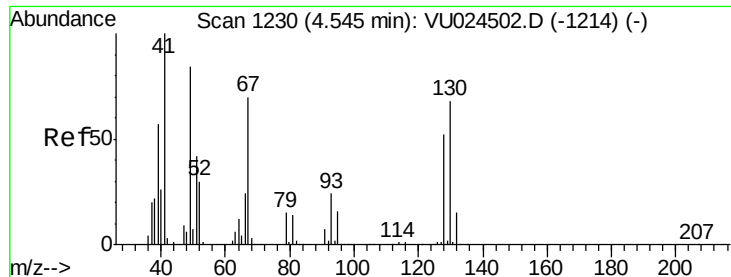
Tot Ion: 83 Resp: 74852
Ion Ratio Lower Upper
83 100
55 77.4 65.8 98.6
98 45.5 36.7 55.1



#40
Benzene
Concen: 19.89 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion: 78 Resp: 181640
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8

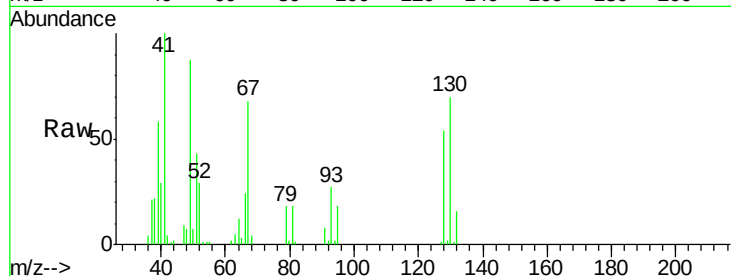




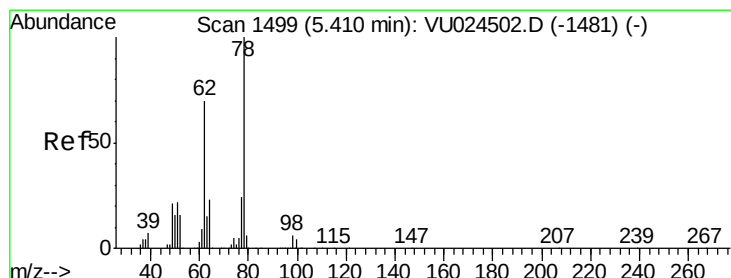
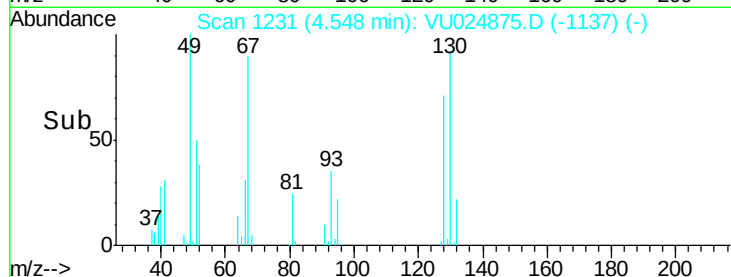
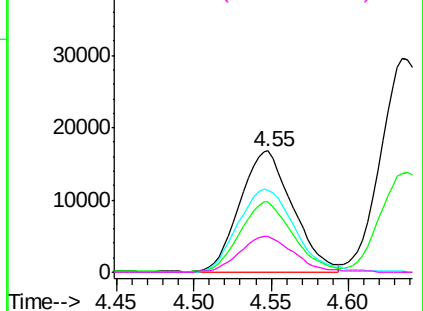
#41
Methacrylonitrile
Concen: 21.27 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	41	Resp:	40059
Ion	Ratio	Lower	Upper
41	100		
39	57.9	43.8	65.6
67	73.9	56.3	84.5
52	30.5	23.2	34.8

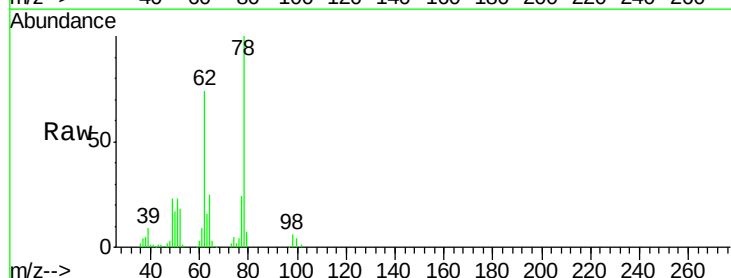


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

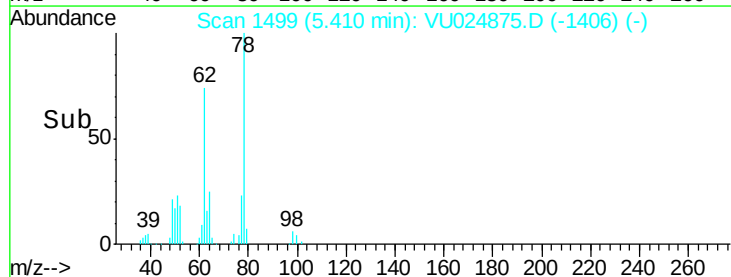
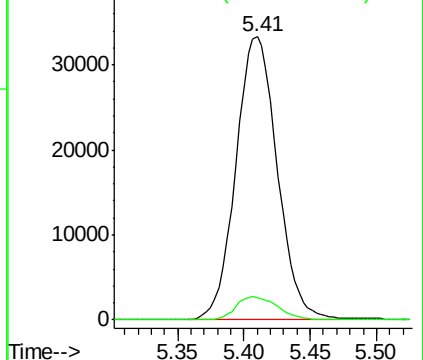


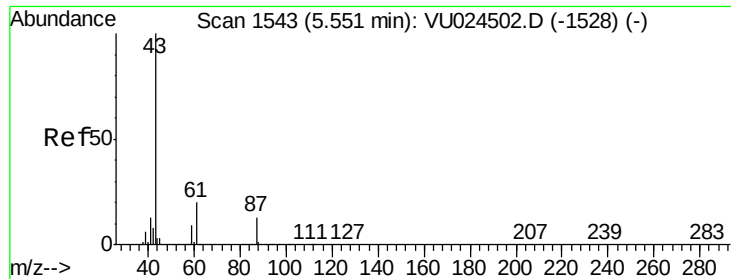
#42
1,2-Dichloroethane
Concen: 20.79 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion:	62	Resp:	72293
Ion	Ratio	Lower	Upper
62	100		
98	8.3	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: 19.56 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

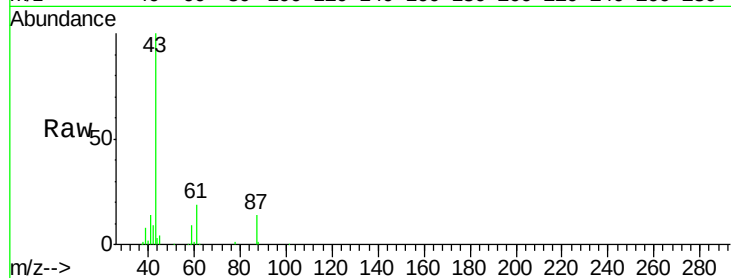
Tot Ion: 43 Resp: 118099

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.0

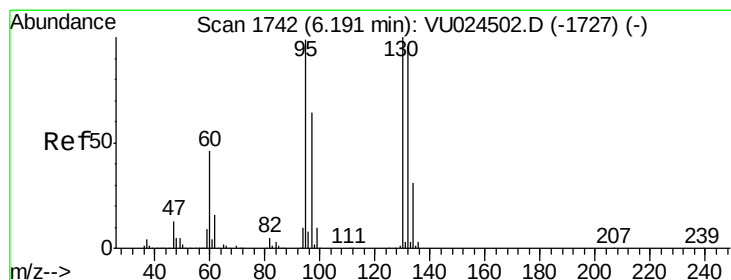
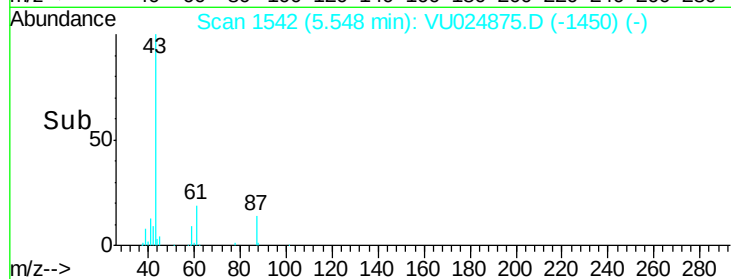
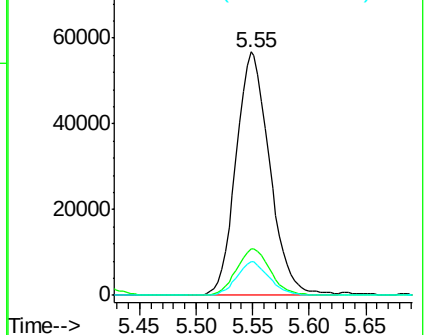
87 13.2 10.0 15.0



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: 19.24 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024875.D

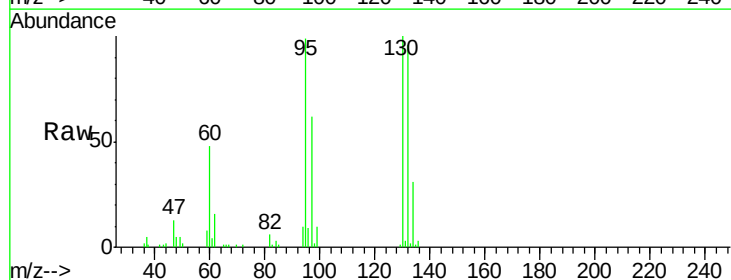
Acq: 25 Jun 2018 15:19

Tgt Ion:130 Resp: 50004

Ion Ratio Lower Upper

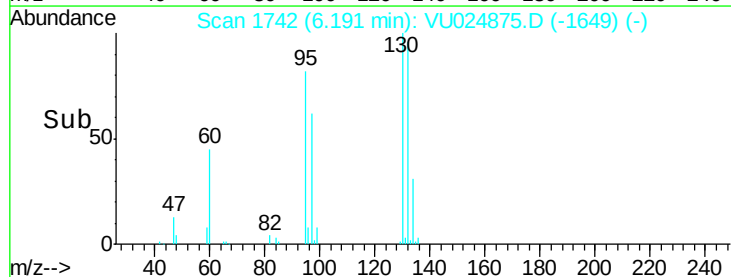
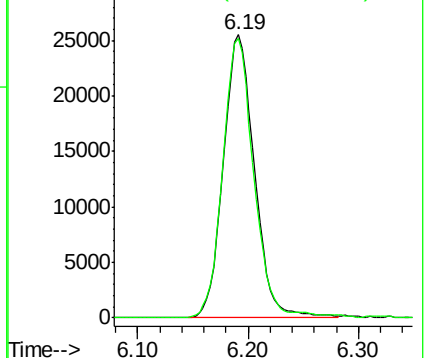
130 100

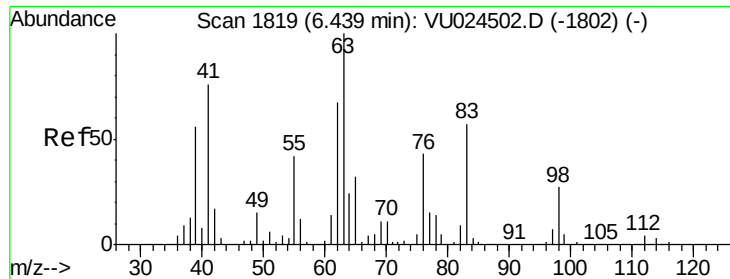
95 98.6 0.0 202.4



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

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

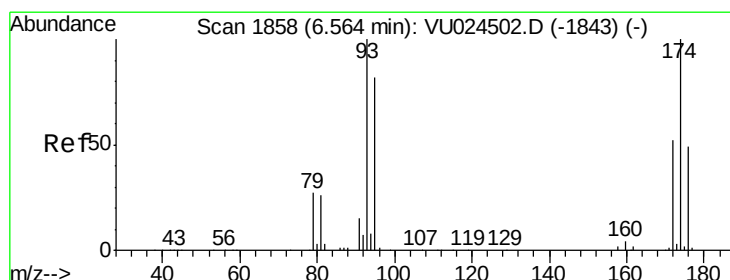
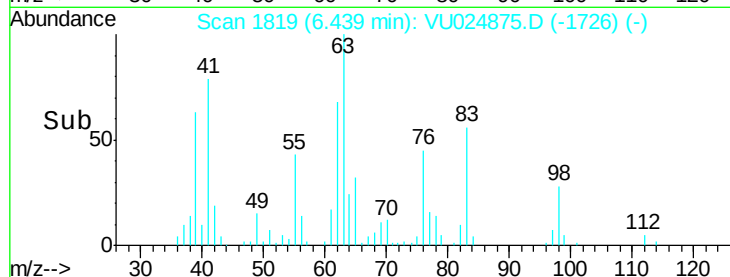
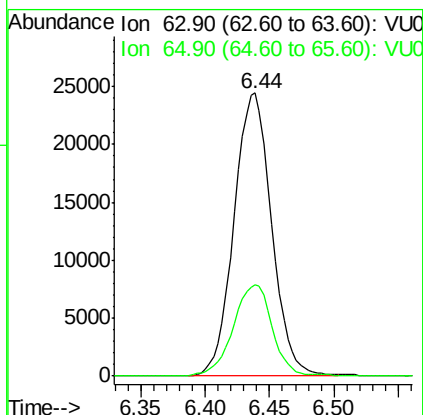
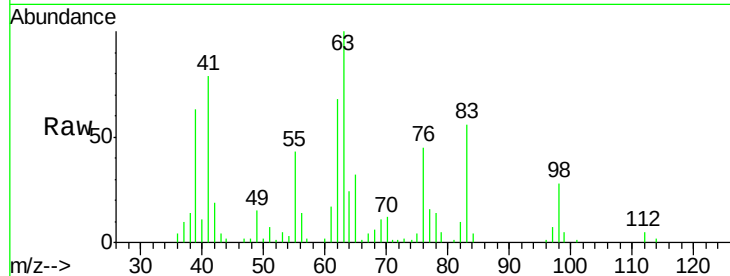




#45
 1,2-Dichloropropane
 Concen: 20.37 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

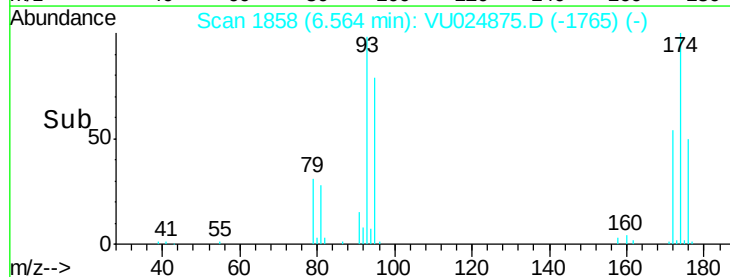
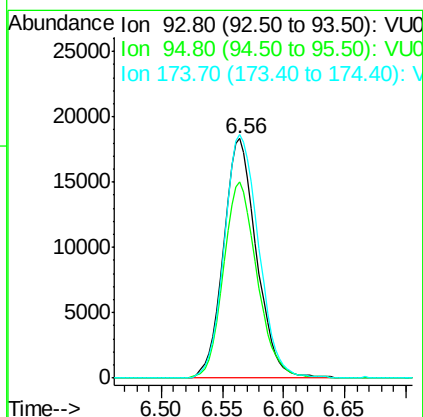
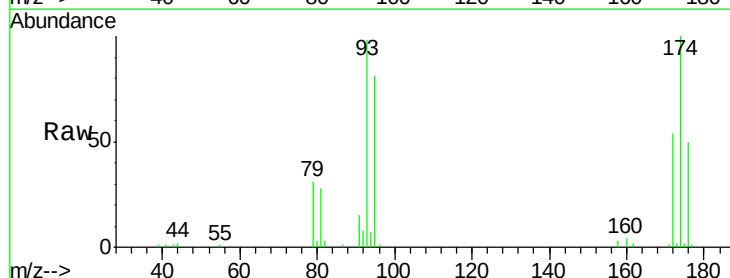
Instrument :
 MSVOA_U
 ClientSampled :

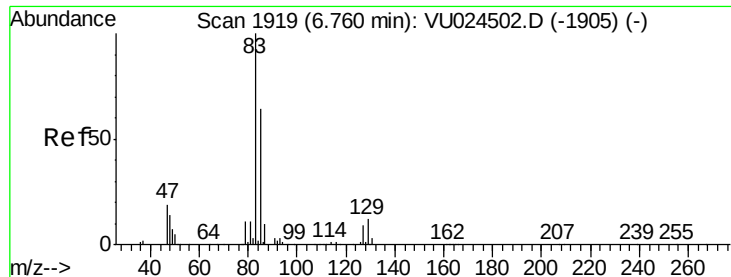
Tot Ion: 63 Resp: 49629
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.8 37.2



#46
 Dibromomethane
 Concen: 20.28 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion: 93 Resp: 34709
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 105.8 78.7 118.1





#47

Bromodichloromethane

Concen: 19.98 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :

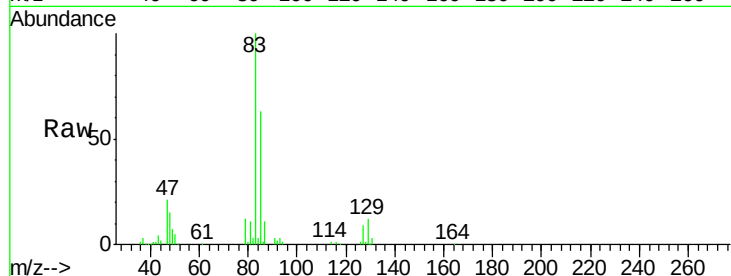
Tot Ion: 83 Resp: 68088

Ion Ratio Lower Upper

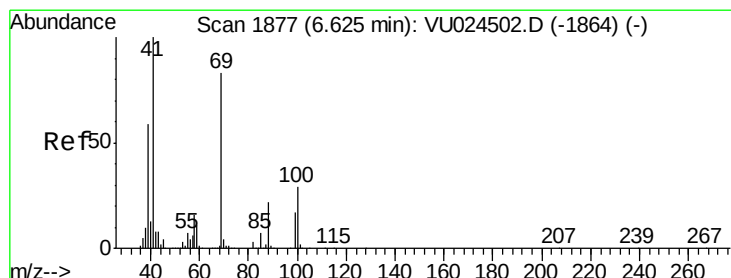
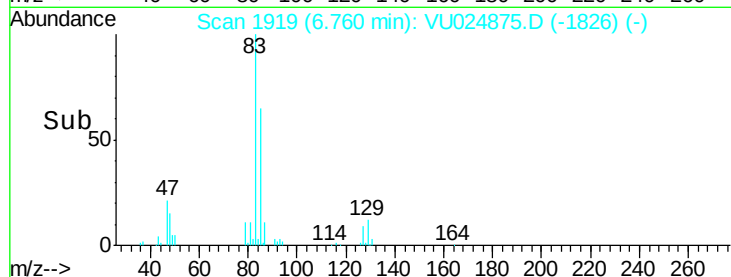
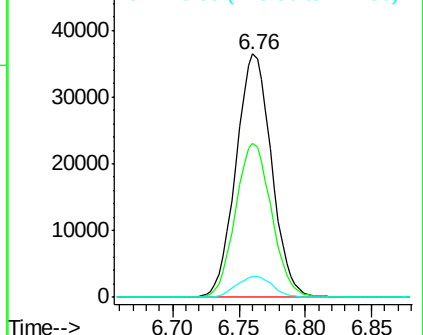
83 100

85 63.5 51.9 77.9

127 8.7 6.6 9.8



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



#48

Methyl methacrylate

Concen: 20.32 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

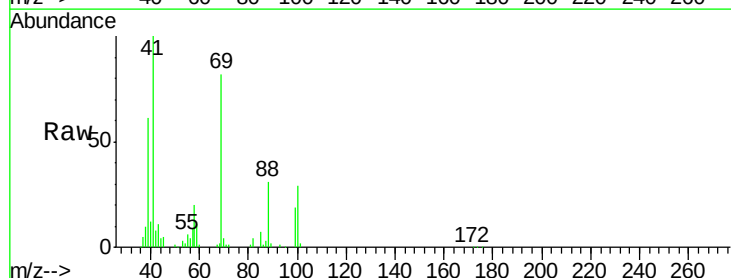
Tgt Ion: 41 Resp: 59731

Ion Ratio Lower Upper

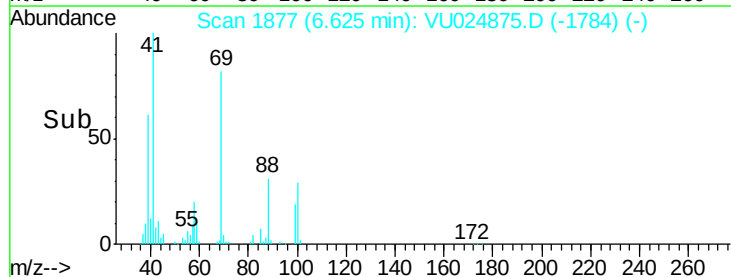
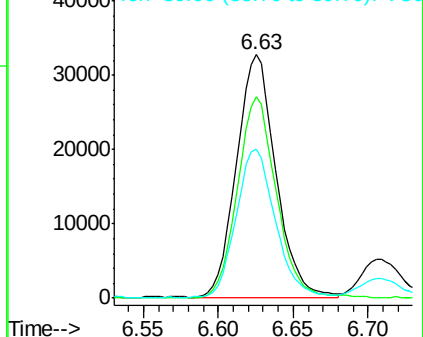
41 100

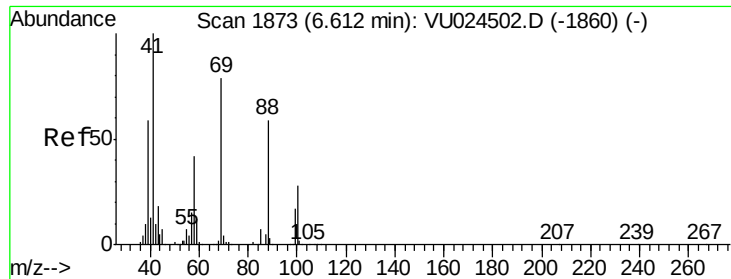
69 82.4 67.3 100.9

39 60.9 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: 445.34 ug/l

RT: 6.62 min Scan# 1874

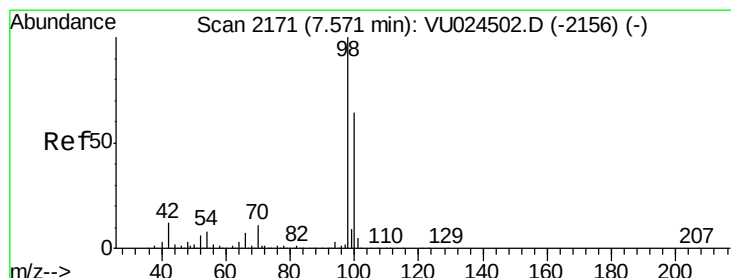
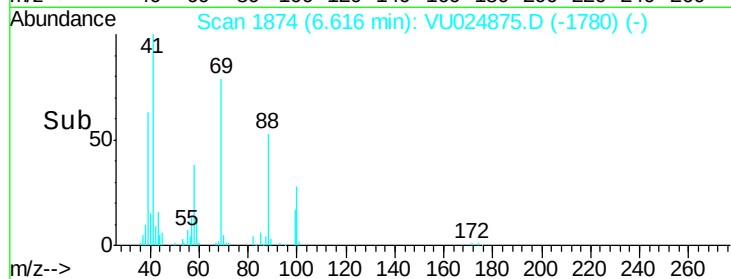
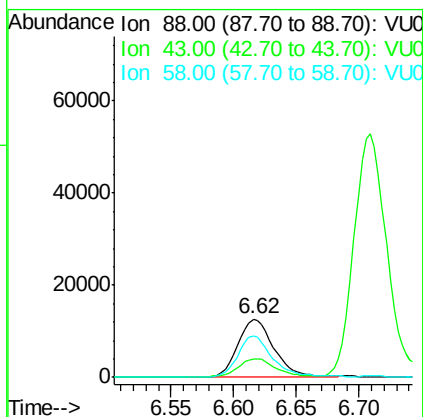
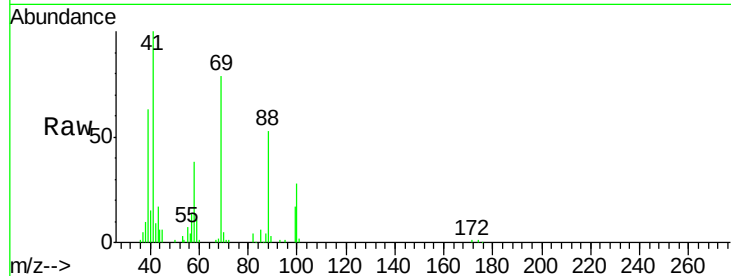
Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	88	Resp:	25603
Ion	Ratio	Lower	Upper
88	100		
43	34.6	28.6	42.8
58	68.8	58.2	87.4



#50

Toluene-d8

Concen: 47.56 ug/l

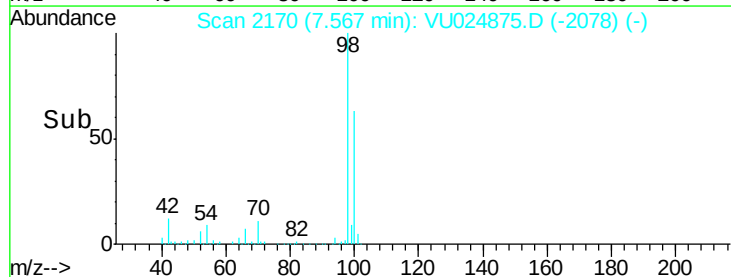
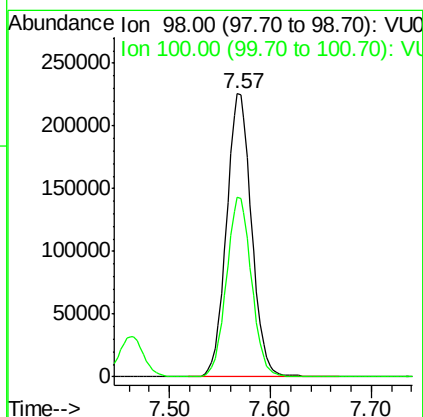
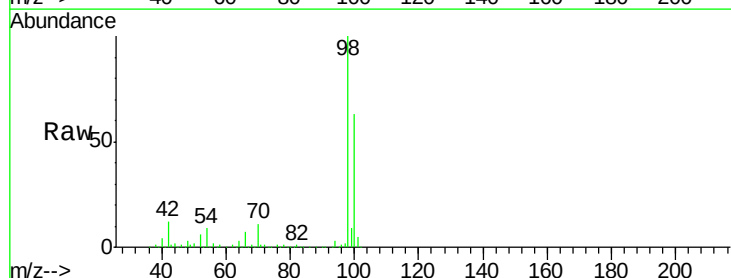
RT: 7.57 min Scan# 2170

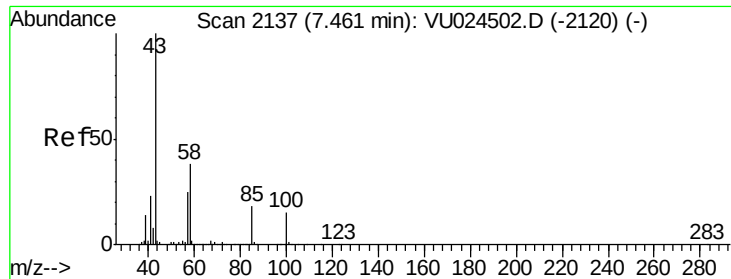
Delta R.T. -0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion:	98	Resp:	392593
Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.1	76.7

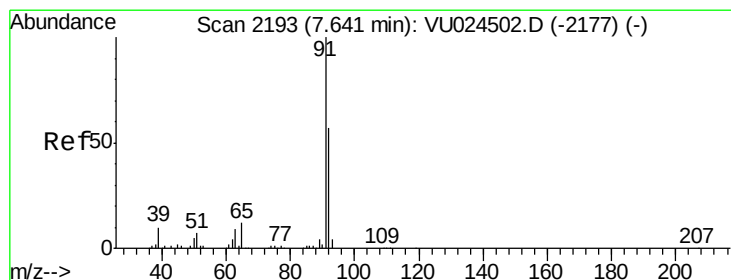
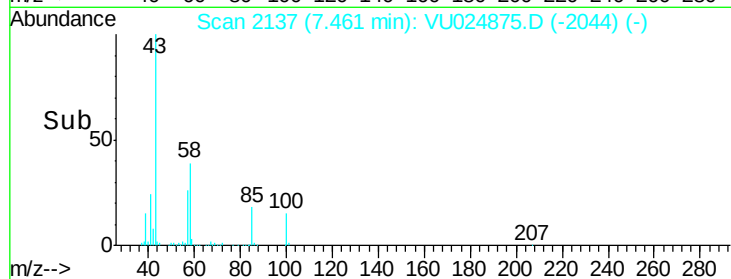
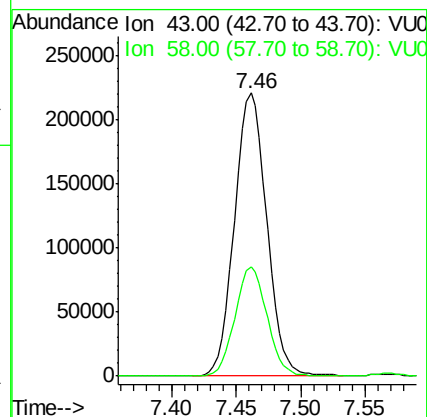
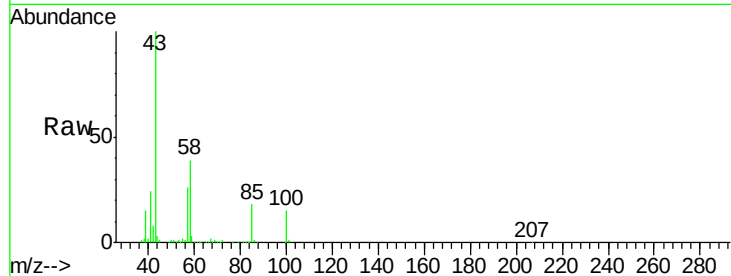




#51
 4-Methyl-2-Pentanone
 Concen: 101.23 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

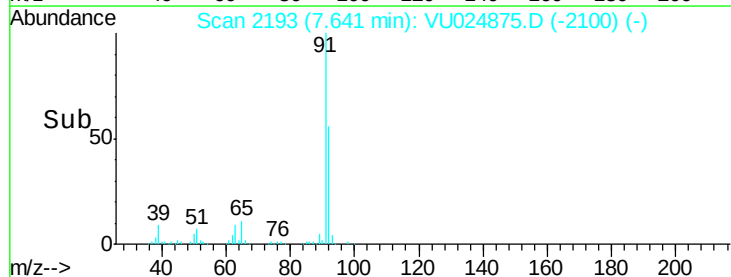
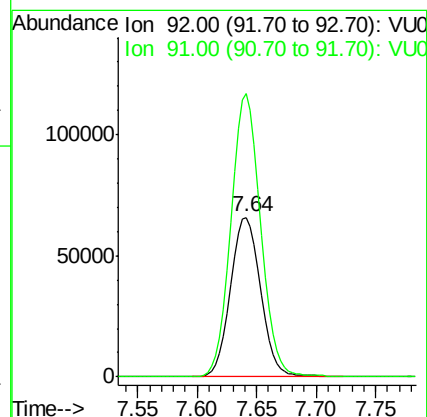
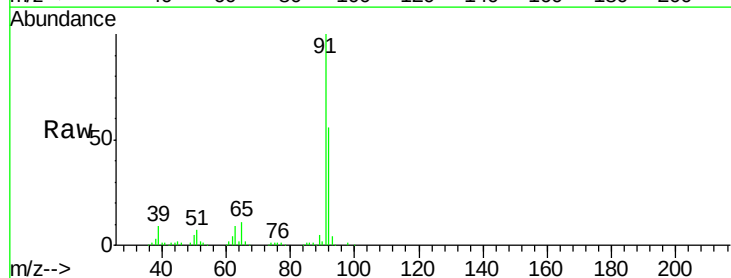
Instrument :
 MSVOA_U
 ClientSampled :

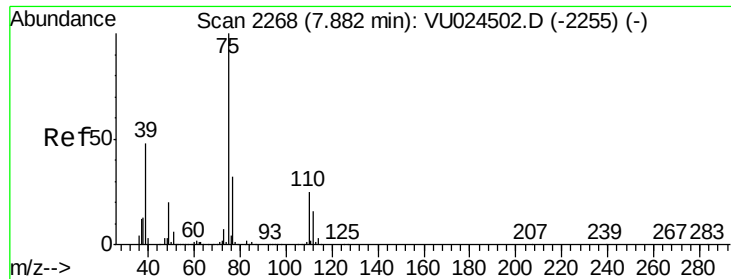
Tot Ion: 43 Resp: 383950
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.0 45.0



#52
 Toluene
 Concen: 19.77 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion: 92 Resp: 116145
 Ion Ratio Lower Upper
 92 100
 91 174.6 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 18.90 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

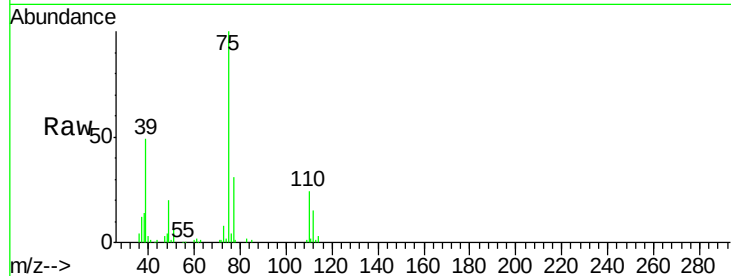
ClientSampleId :

Tot Ion: 75 Resp: 72324

Ion Ratio Lower Upper

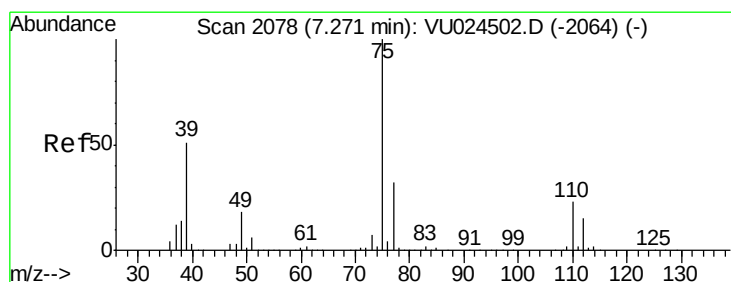
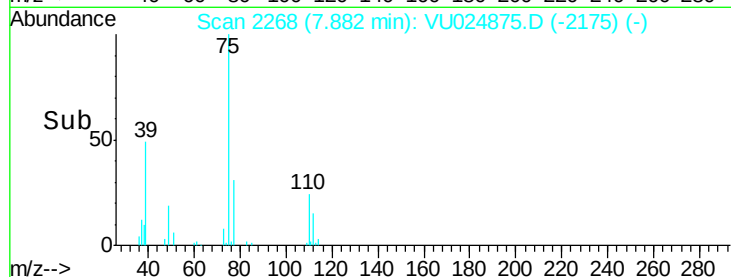
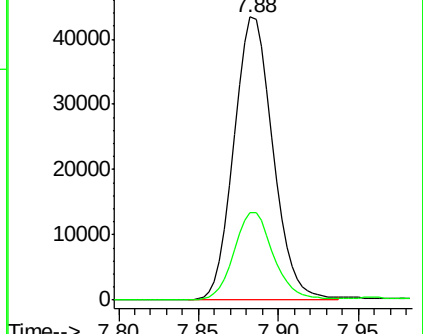
75 100

77 31.0 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: 18.74 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

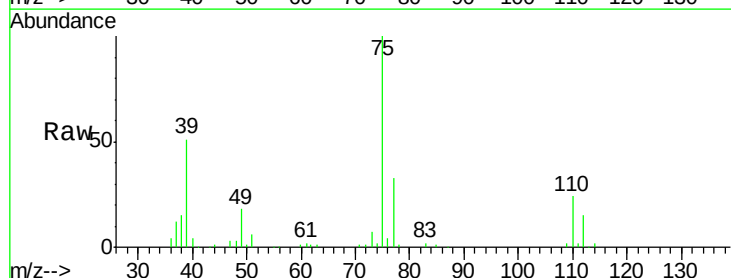
Tgt Ion: 75 Resp: 76421

Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8

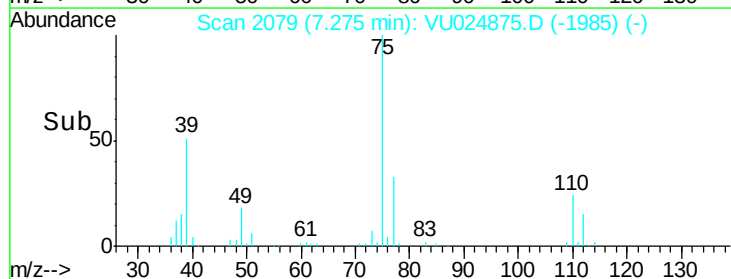
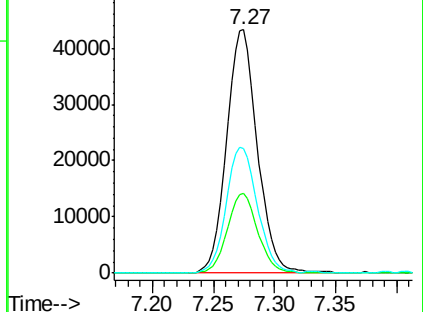
39 51.4 39.8 59.6

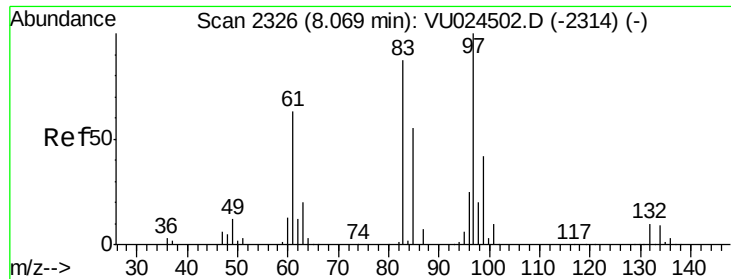


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

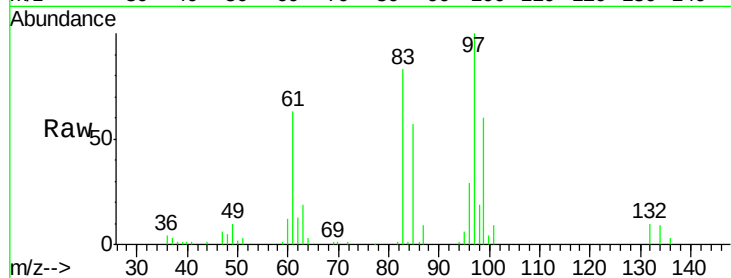




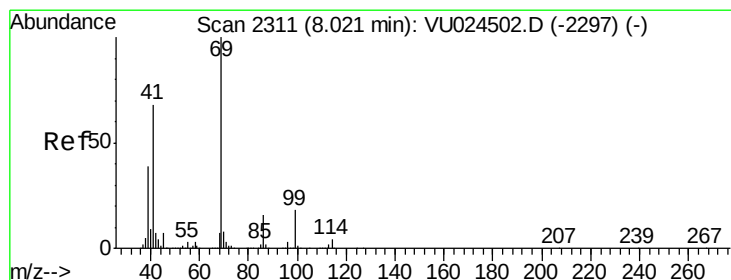
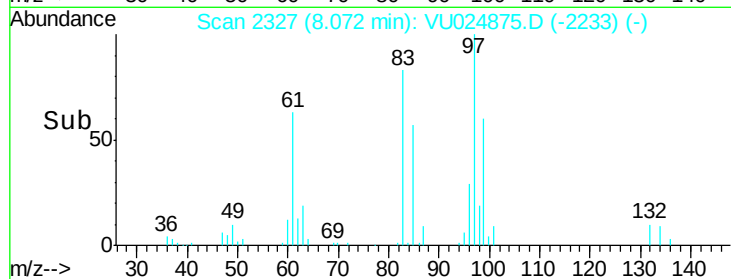
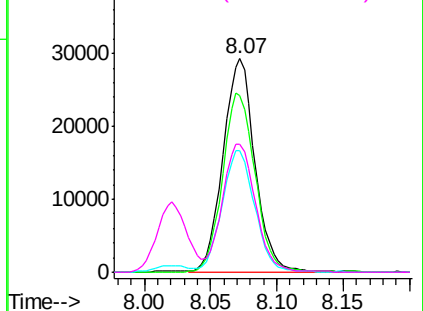
#55
1,1,2-Trichloroethane
Concen: 20.57 ug/l
RT: 8.07 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	97	Resp:	49112
Ion	Ratio	Lower	Upper
97	100		
83	82.9	70.5	105.7
85	56.7	46.4	69.6
99	60.0	50.2	75.2

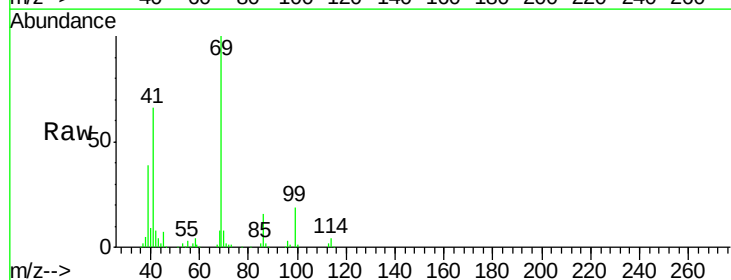


Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 98.90 (98.60 to 99.60): VU0

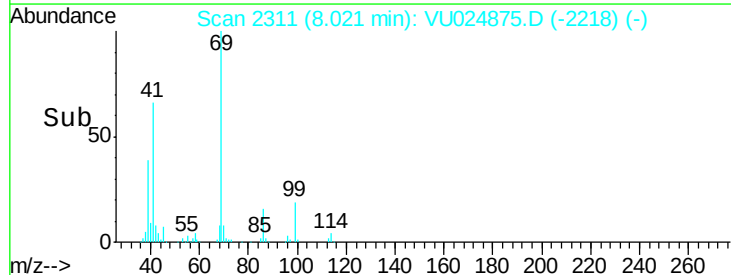
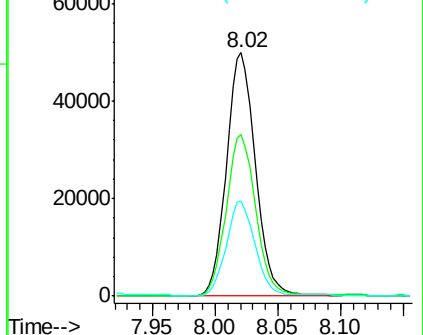


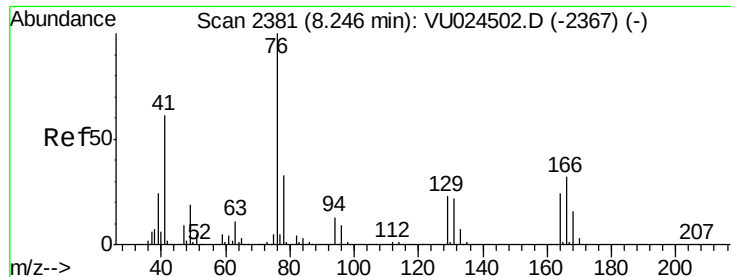
#56
Ethyl methacrylate
Concen: 20.06 ug/l
RT: 8.02 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion:	69	Resp:	80173
Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.1	81.1
39	38.3	30.3	45.5



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

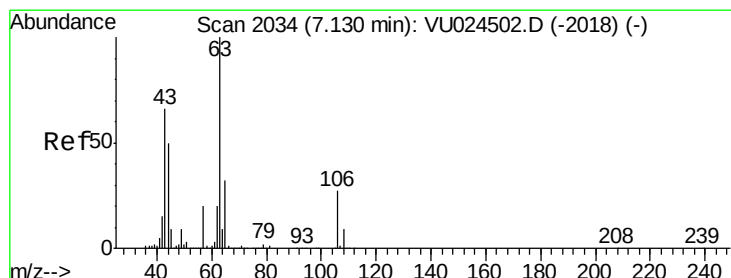
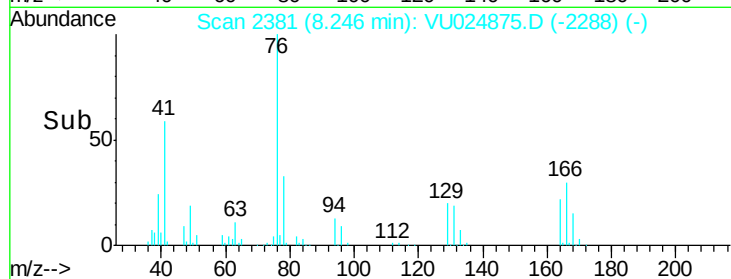
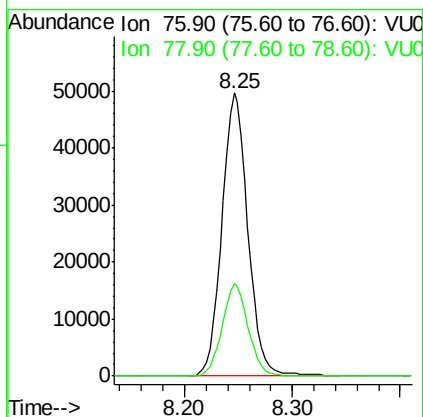
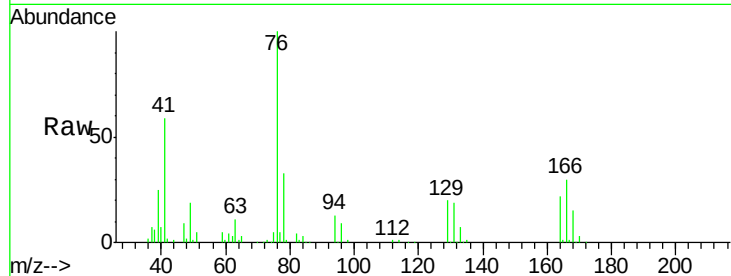




#57
 1,3-Dichloropropane
 Concen: 20.53 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

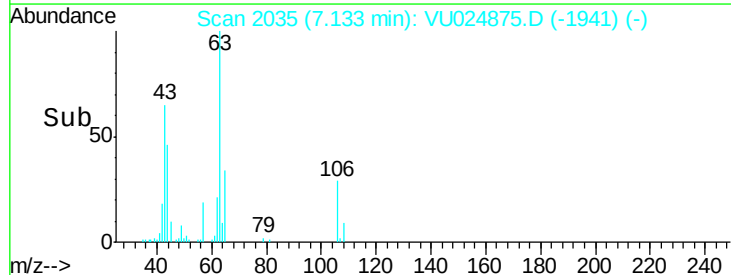
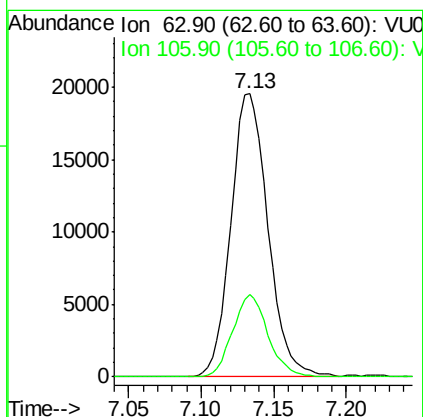
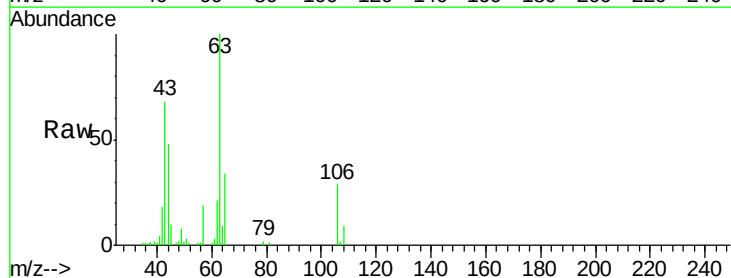
Instrument :
 MSVOA_U
 ClientSampleId :

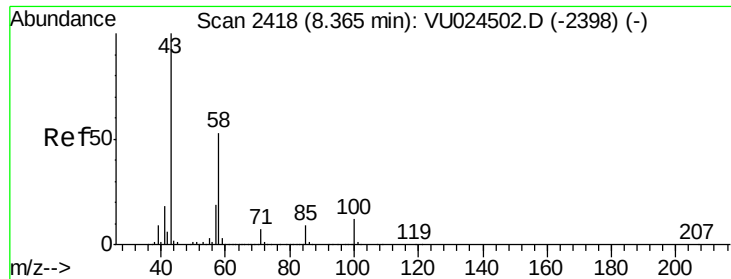
Tot Ion: 76 Resp: 82701
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.68 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion: 63 Resp: 34735
 Ion Ratio Lower Upper
 63 100
 106 27.7 20.2 30.2

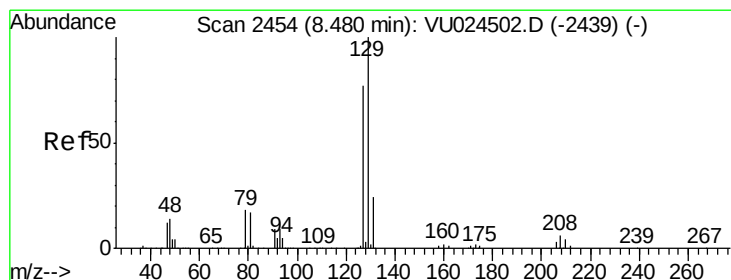
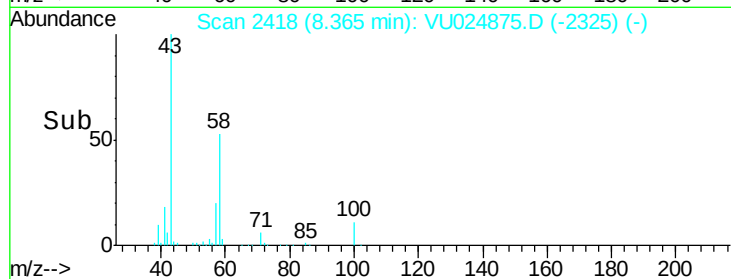
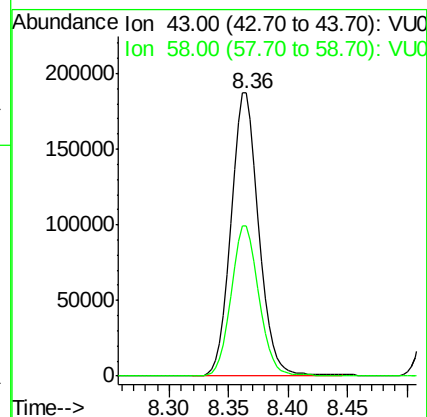
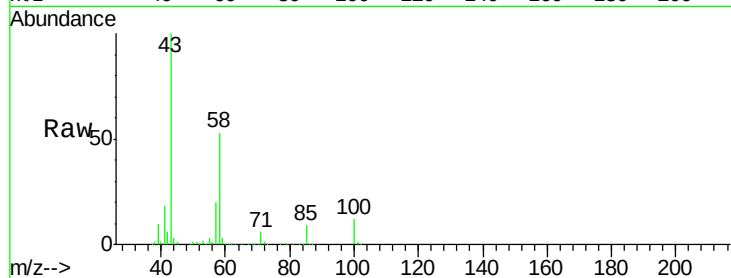




#59
2-Hexanone
Concen: 97.86 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

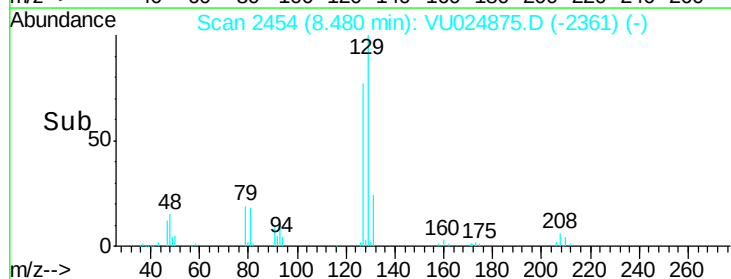
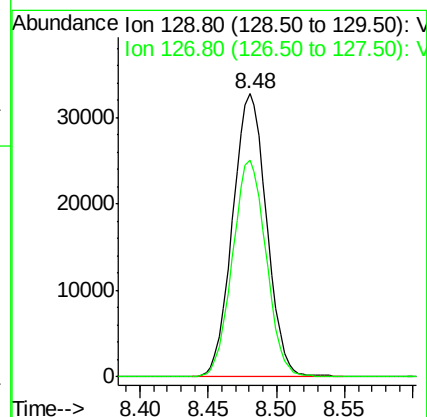
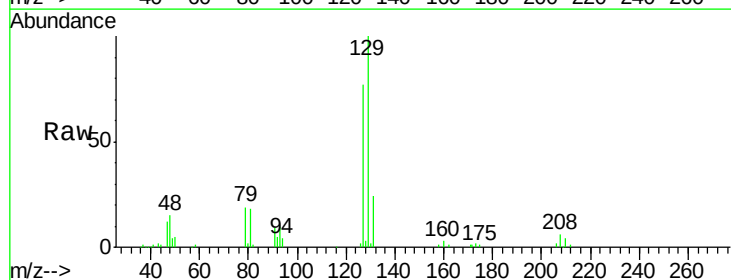
Instrument :
MSVOA_U
ClientSampleId :

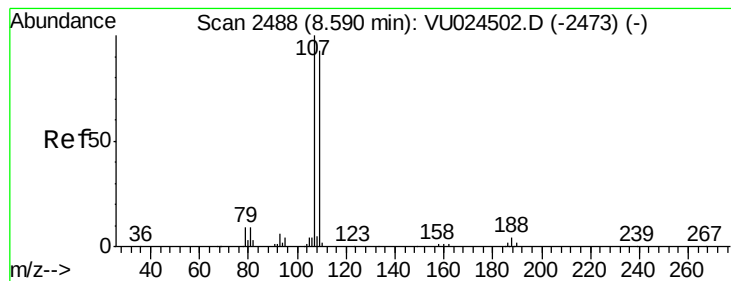
Tot Ion: 43 Resp: 303025
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.0



#60
Dibromochloromethane
Concen: 19.02 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion: 129 Resp: 56646
Ion Ratio Lower Upper
129 100
127 75.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.41 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

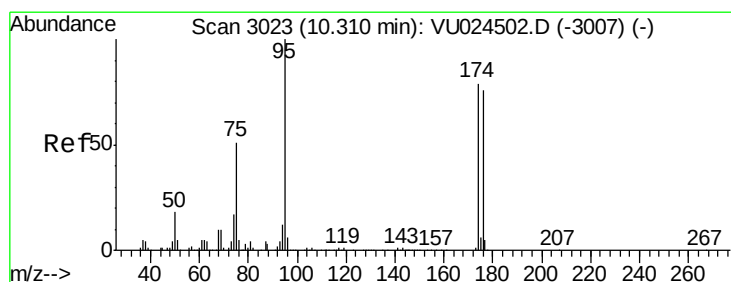
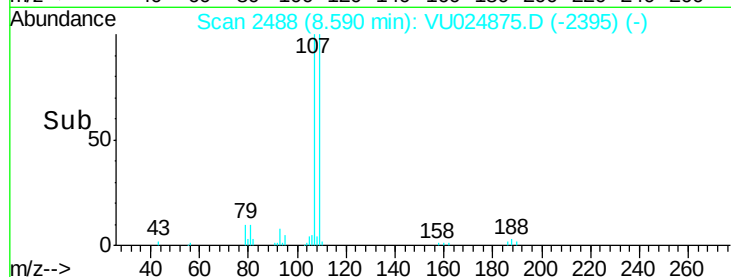
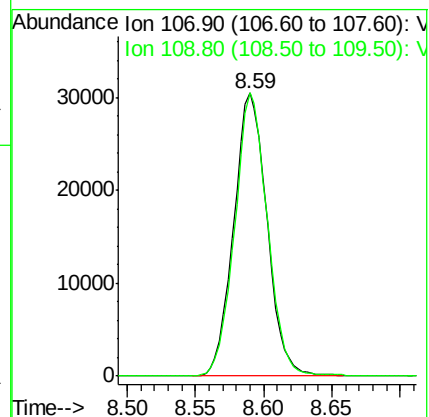
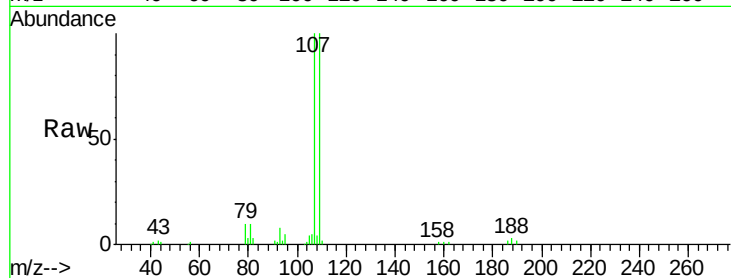
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:107 Resp: 51589

Ion Ratio Lower Upper

107 100

109 98.1 74.5 111.7



#62

4-Bromofluorobenzene

Concen: 46.70 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

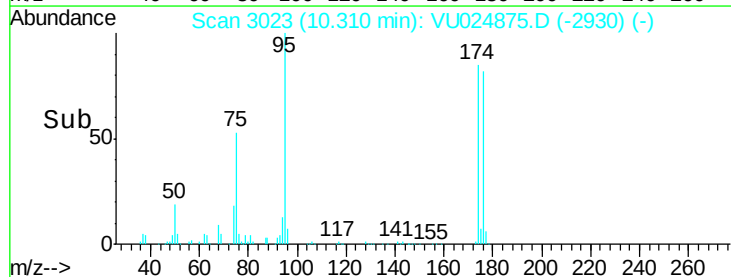
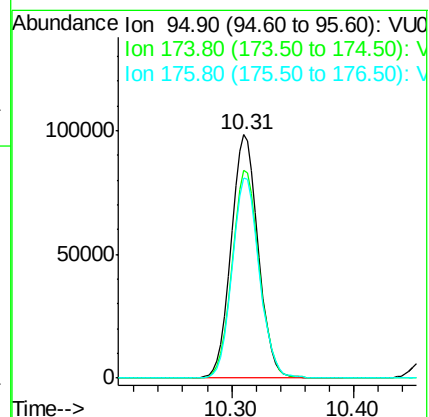
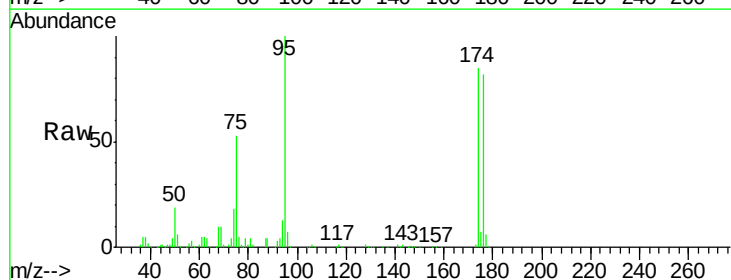
Tgt Ion: 95 Resp: 153074

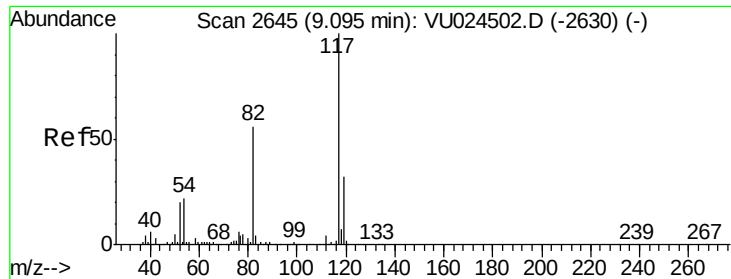
Ion Ratio Lower Upper

95 100

174 85.6 0.0 165.8

176 82.7 0.0 159.4

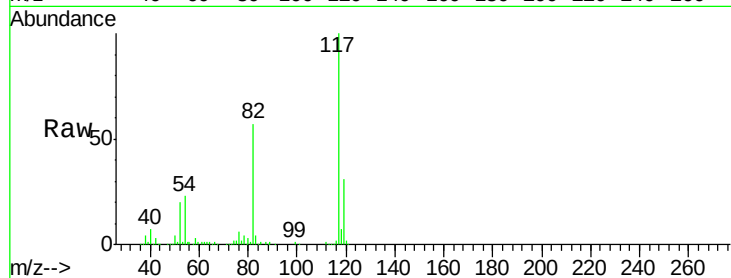




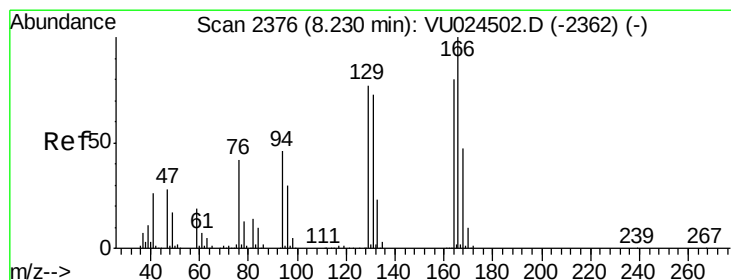
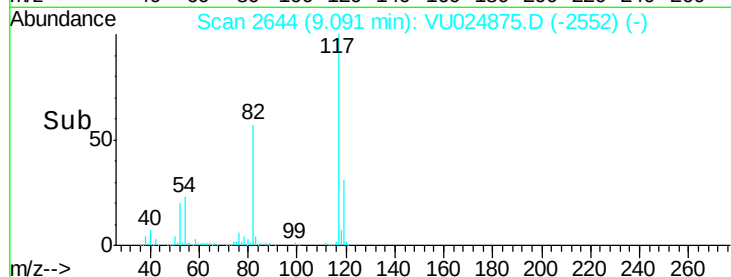
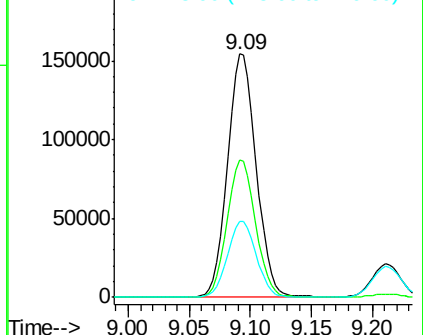
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 254708
Ion Ratio Lower Upper
117 100
82 56.6 44.3 66.5
119 31.0 25.4 38.2

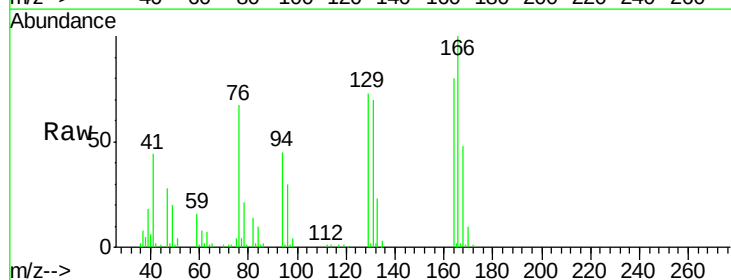


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

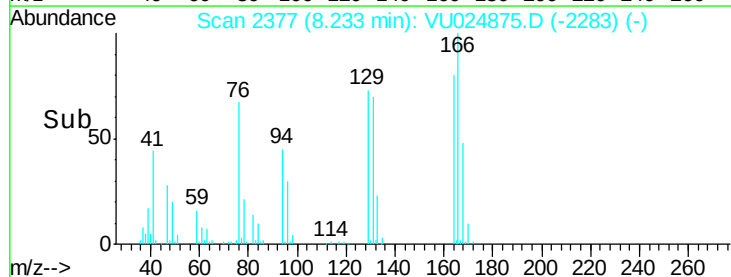
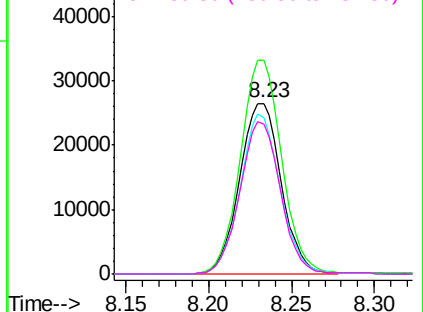


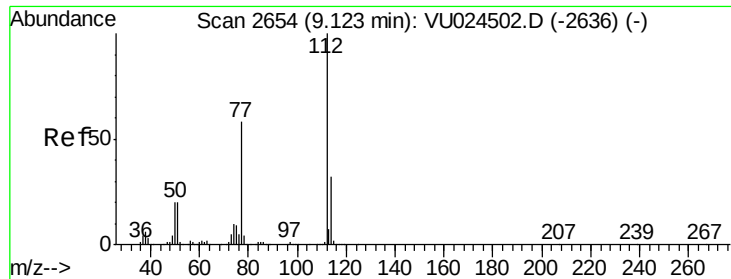
#64
Tetrachloroethene
Concen: 19.08 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion:164 Resp: 46187
Ion Ratio Lower Upper
164 100
166 125.3 101.7 152.5
129 91.6 76.9 115.3
131 87.6 74.9 112.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

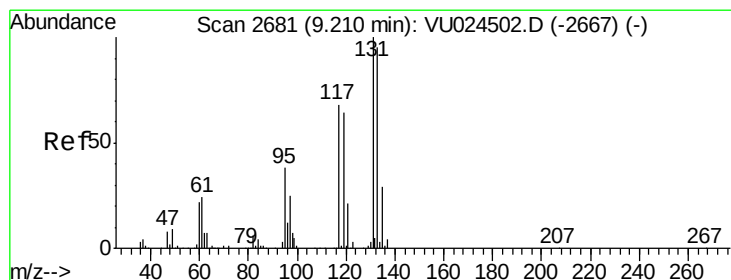
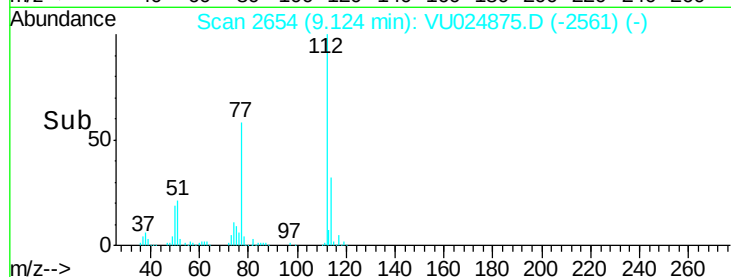
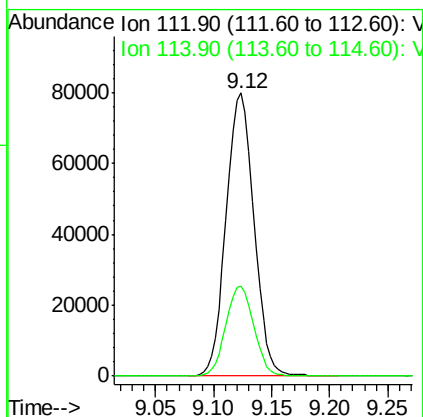
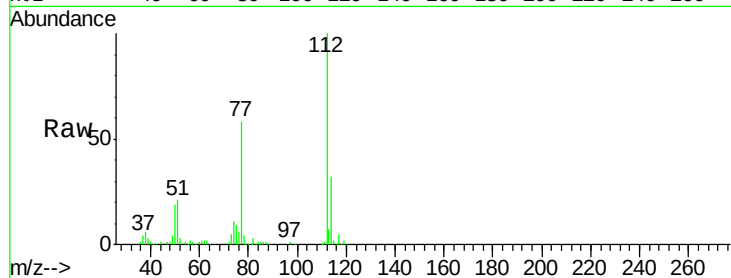




#65
Chlorobenzene
Concen: 20.40 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

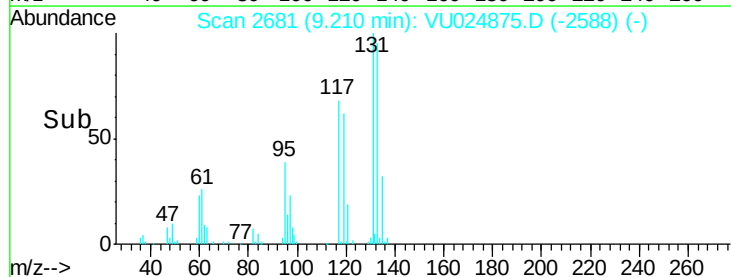
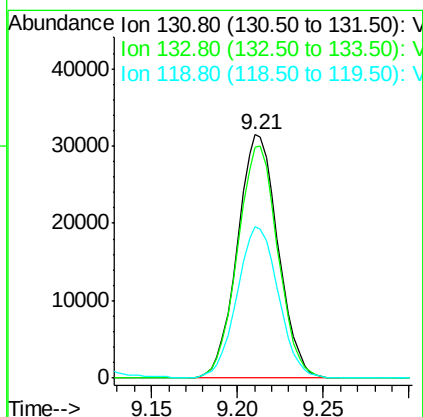
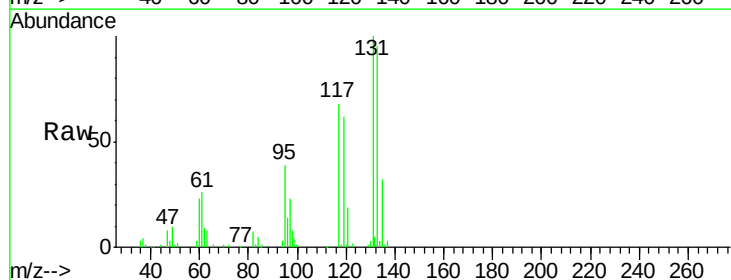
Instrument :
MSVOA_U
ClientSampleId :

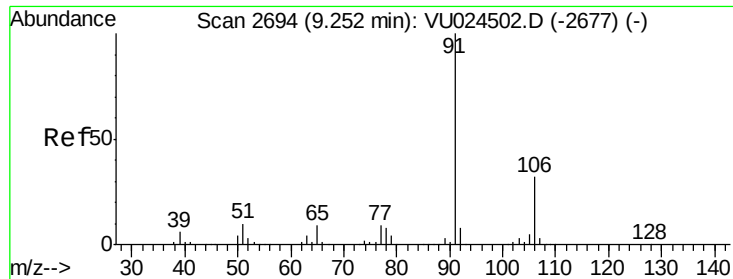
Tot Ion:112 Resp: 132762
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.92 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion:131 Resp: 51727
Ion Ratio Lower Upper
131 100
133 94.8 46.9 140.8
119 63.2 33.5 100.4

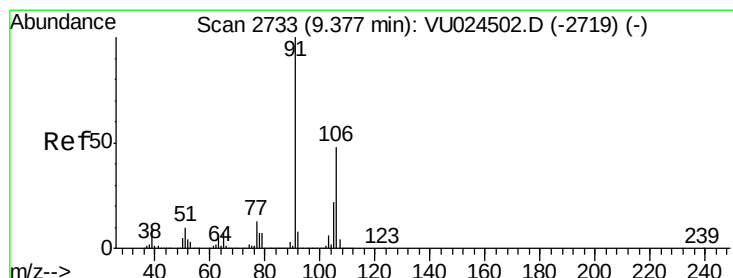
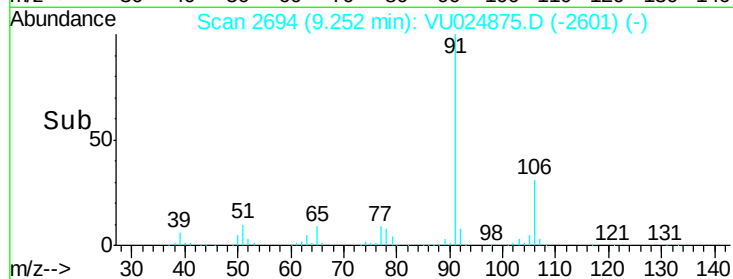
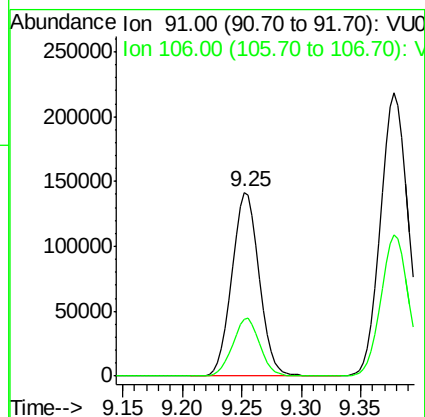
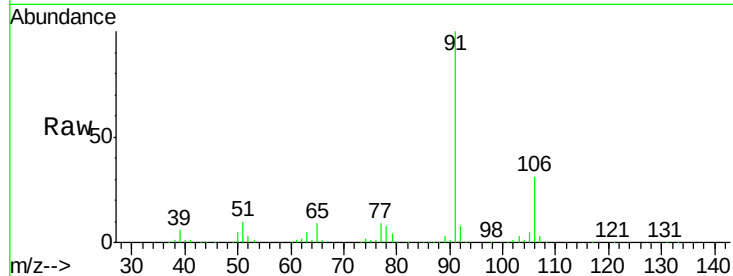




#67
Ethyl Benzene
Concen: 19.78 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

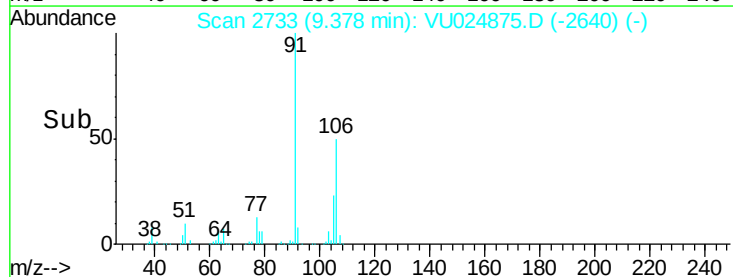
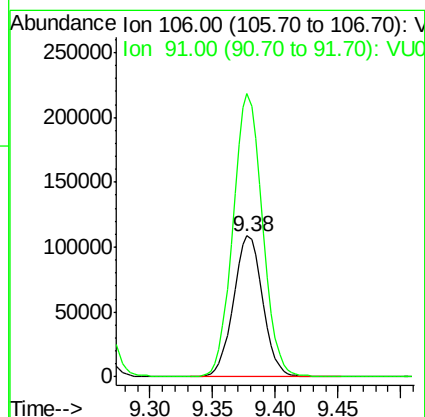
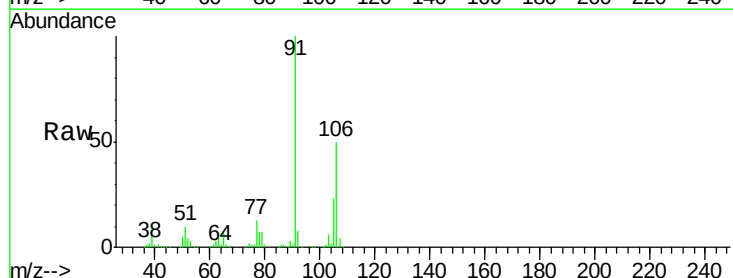
Instrument :
MSVOA_U
ClientSampled :

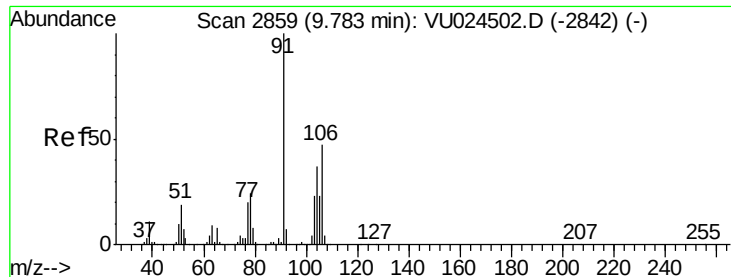
Tot Ion: 91 Resp: 225659
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4



#68
m/p-Xylenes
Concen: 40.22 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion: 106 Resp: 176170
Ion Ratio Lower Upper
106 100
91 202.3 166.5 249.7

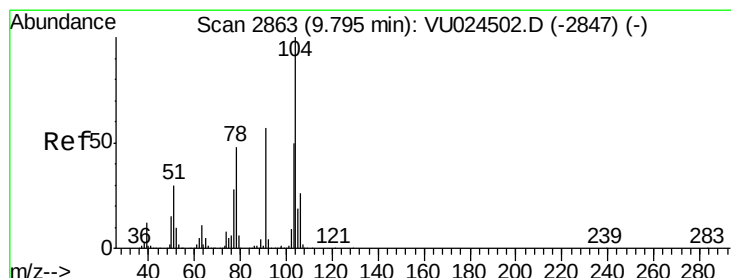
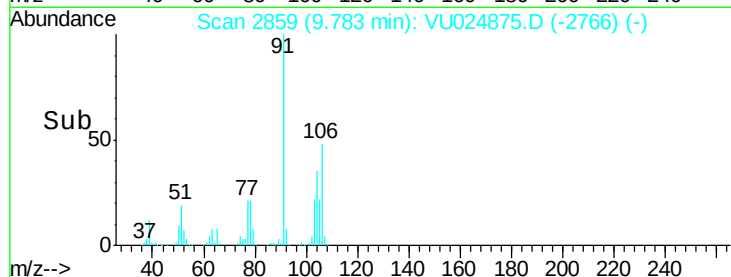
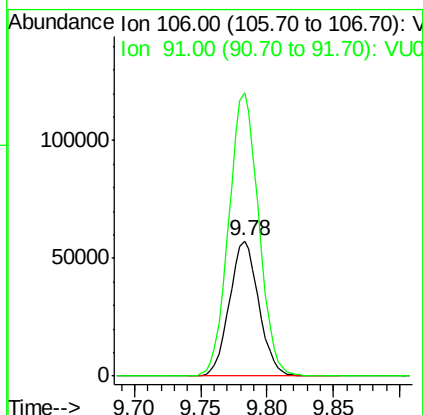
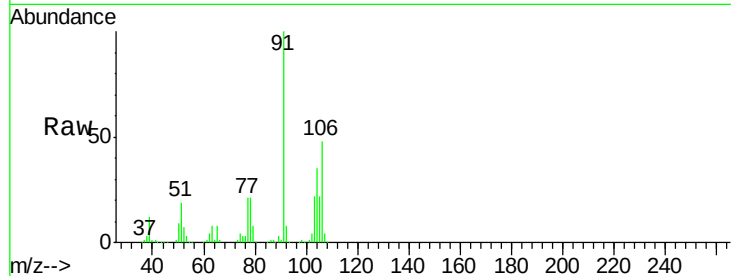




#69
o-Xylene
Concen: 20.36 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

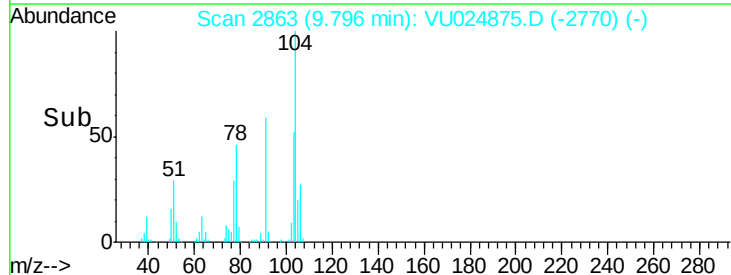
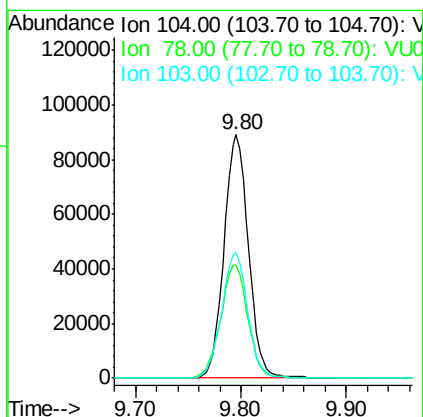
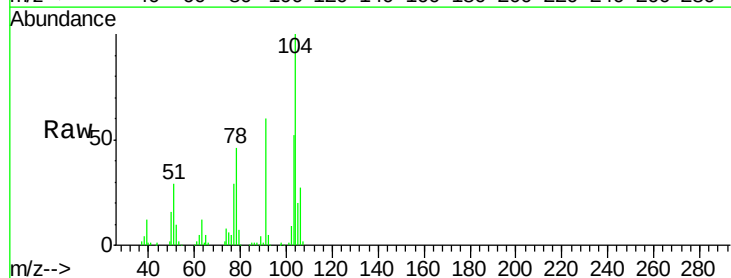
Instrument :
MSVOA_U
ClientSampled :

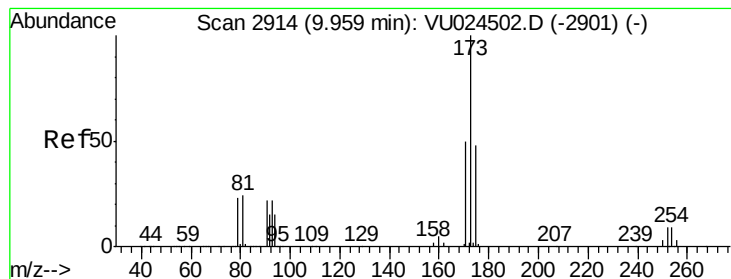
Tot Ion:106 Resp: 88259
Ion Ratio Lower Upper
106 100
91 213.8 110.7 331.9



#70
Styrene
Concen: 20.02 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion:104 Resp: 142631
Ion Ratio Lower Upper
104 100
78 51.6 40.6 60.8
103 55.0 44.7 67.1





#71

Bromoform

Concen: 18.47 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :
MSVOA_U
ClientSampleId :

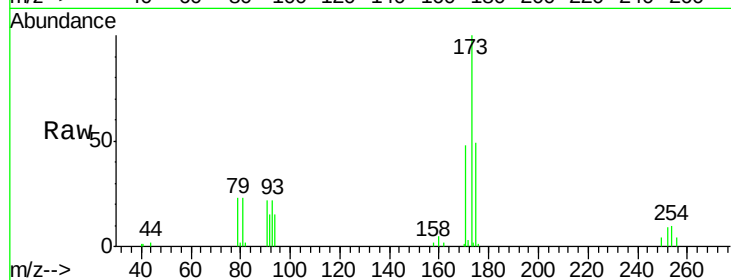
Tot Ion:173 Resp: 43390

Ion Ratio Lower Upper

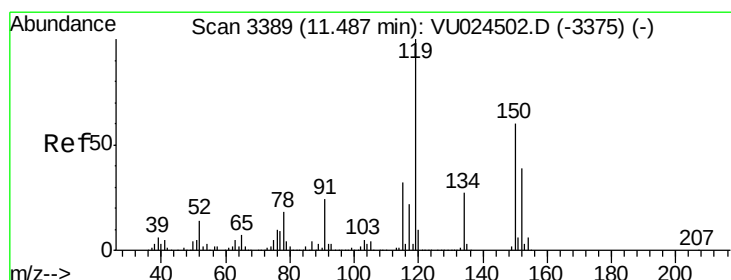
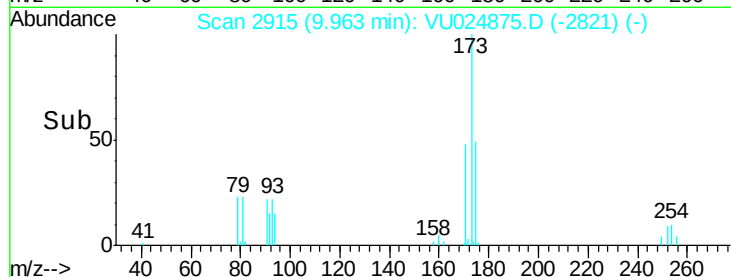
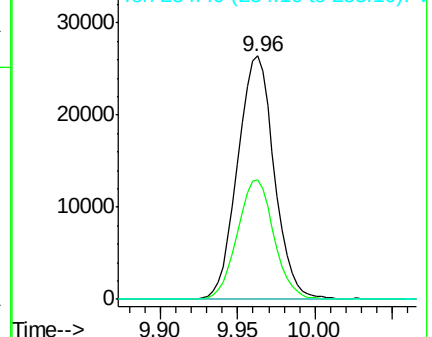
173 100

175 48.9 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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

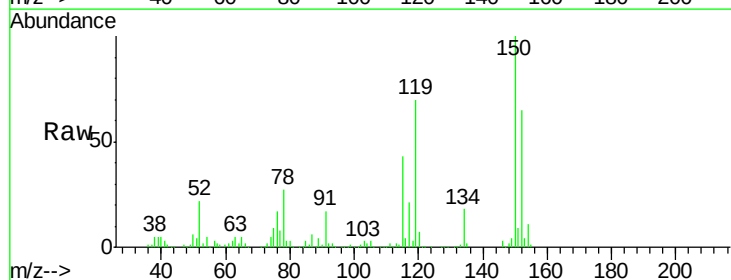
Tgt Ion:152 Resp: 148344

Ion Ratio Lower Upper

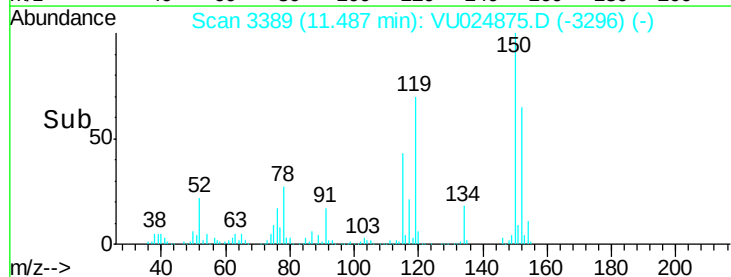
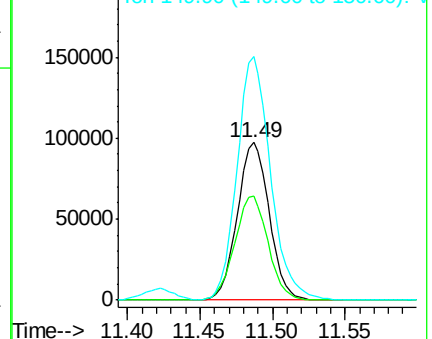
152 100

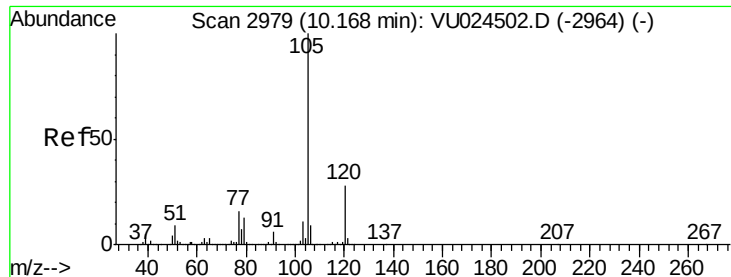
115 69.0 43.0 129.0

150 162.9 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: 21.00 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

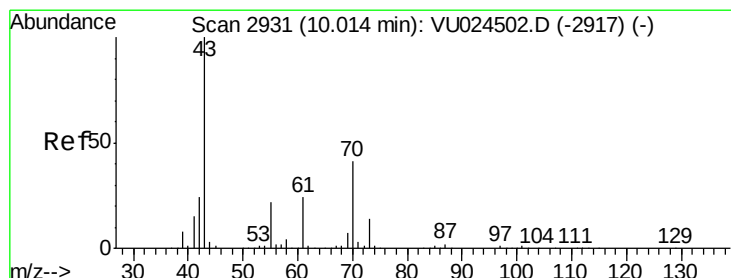
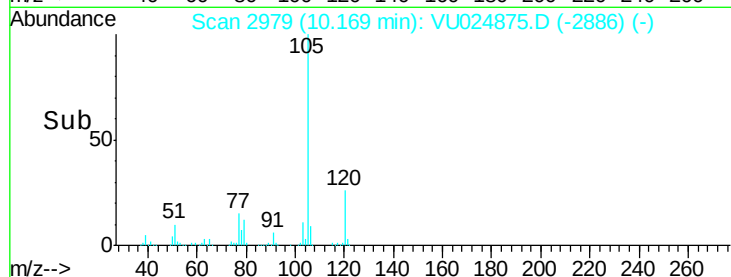
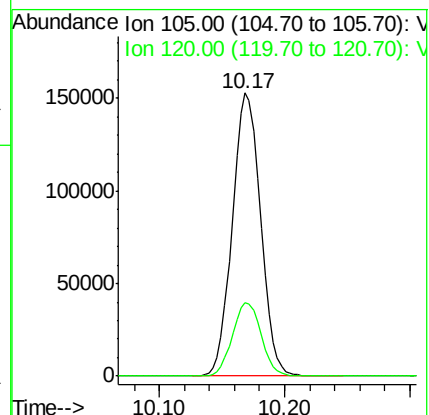
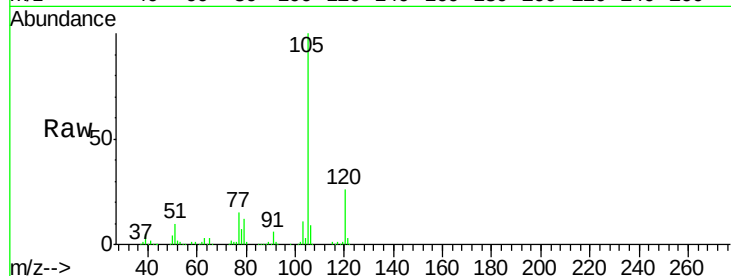
ClientSampleId :

Tot Ion:105 Resp: 239223

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 19.24 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Tgt Ion: 43 Resp: 104235

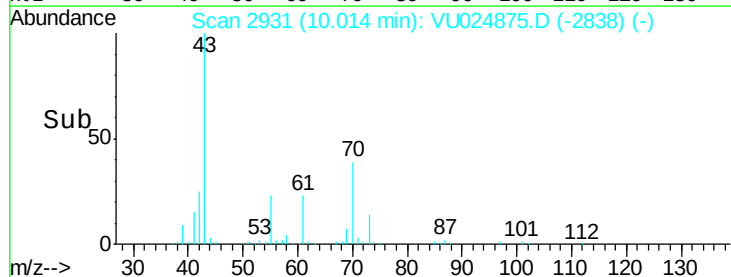
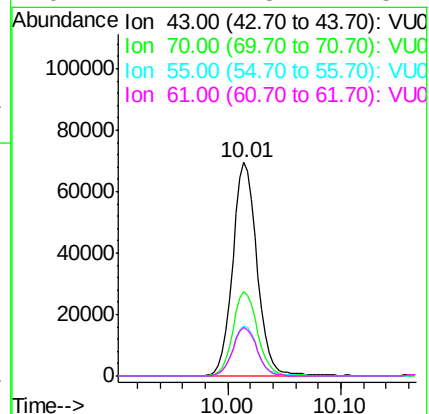
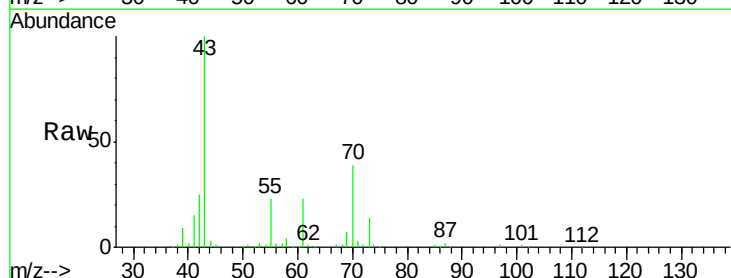
Ion Ratio Lower Upper

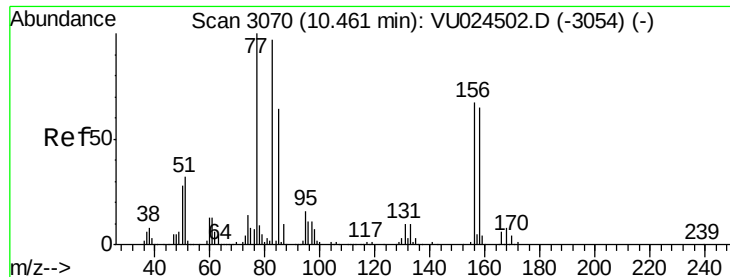
43 100

70 40.2 32.2 48.4

55 23.8 20.5 30.7

61 22.7 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.61 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

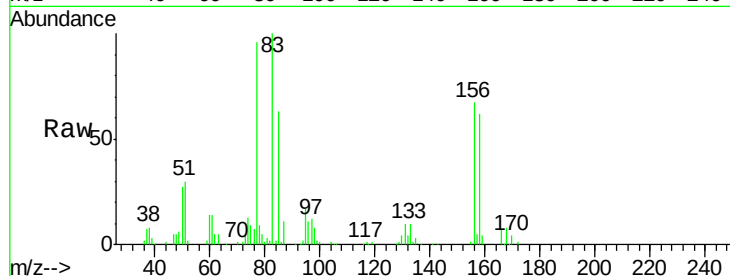
Tot Ion: 83 Resp: 82486

Ion Ratio Lower Upper

83 100

131 10.3 4.7 14.1

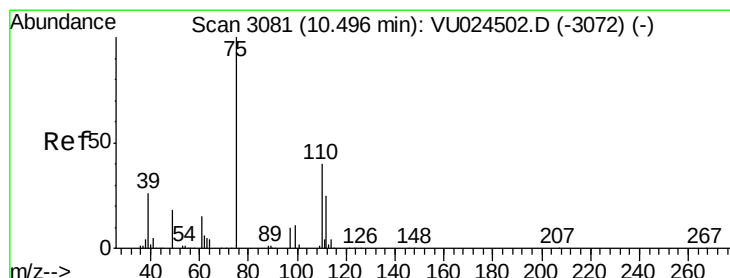
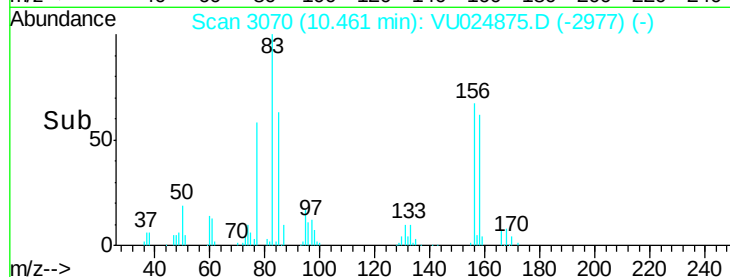
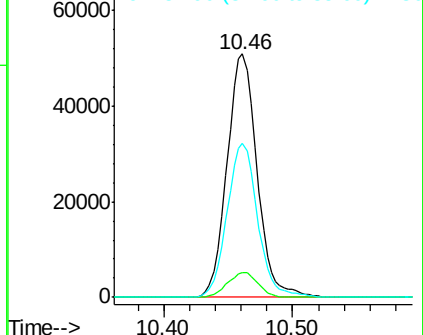
85 64.5 32.5 97.5



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: 28.35 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024875.D

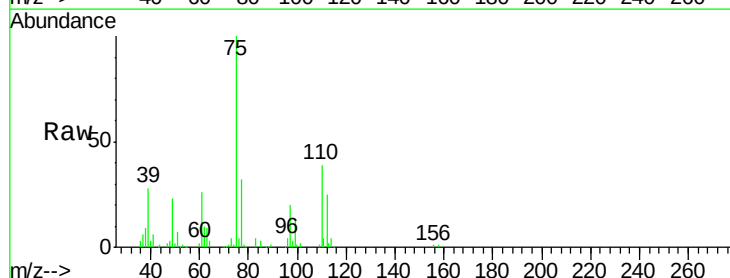
Acq: 25 Jun 2018 15:19

Tgt Ion: 75 Resp: 92596

Ion Ratio Lower Upper

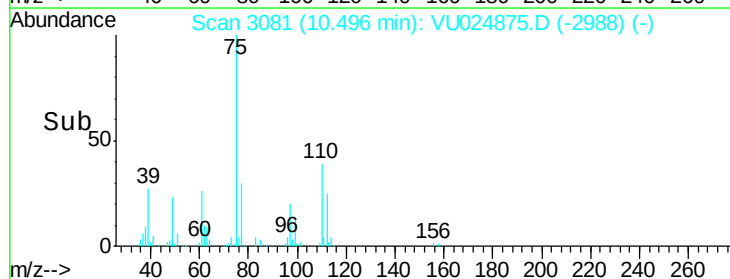
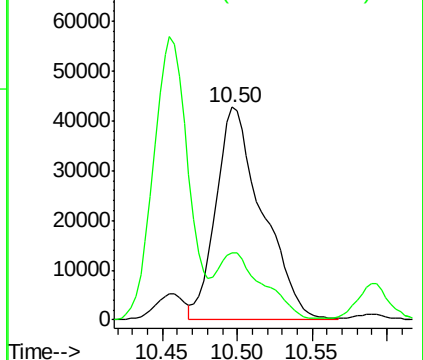
75 100

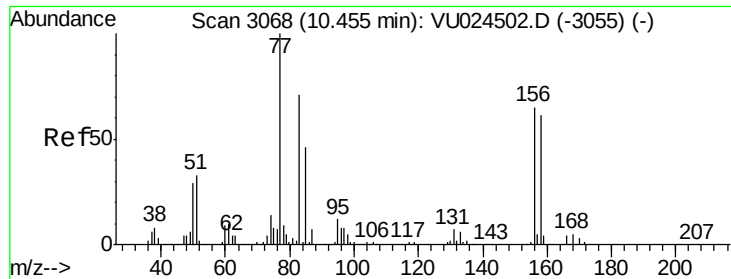
77 30.2 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 20.98 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampled :

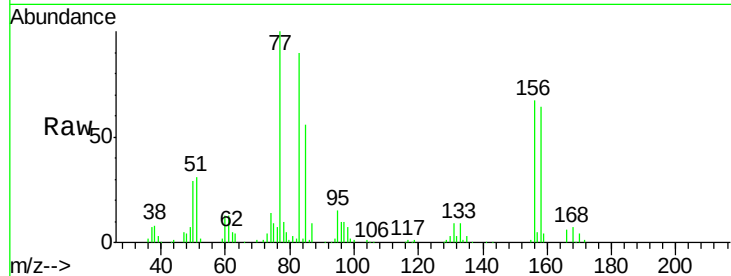
Tot Ion:156 Resp: 60484

Ion Ratio Lower Upper

156 100

77 151.2 80.5 241.3

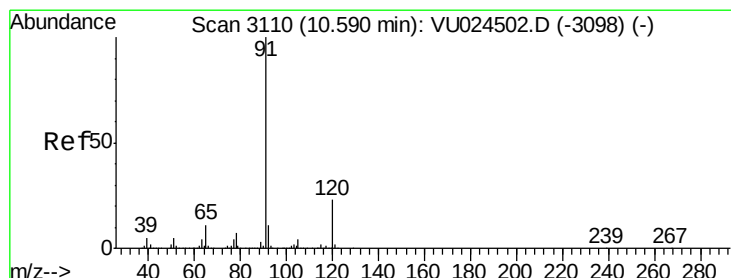
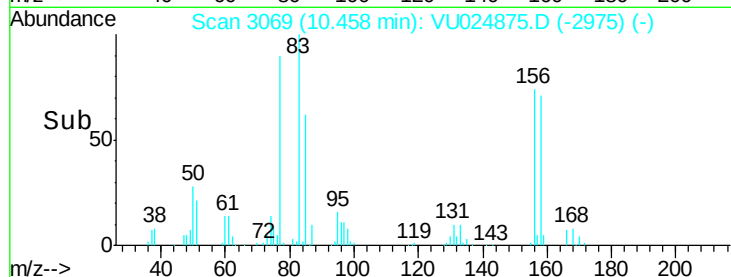
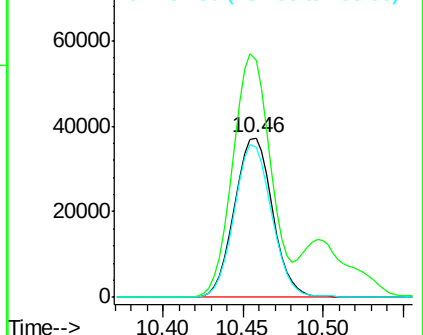
158 94.6 48.2 144.6



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: 19.84 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024875.D

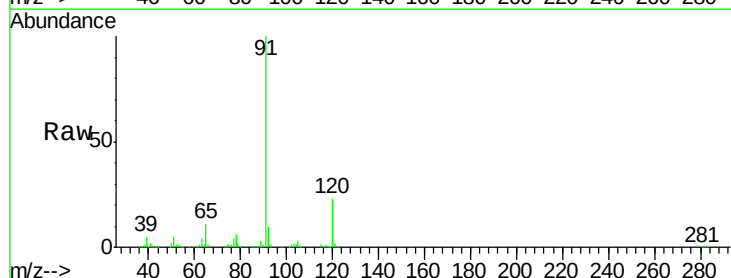
Acq: 25 Jun 2018 15:19

Tgt Ion: 91 Resp: 266177

Ion Ratio Lower Upper

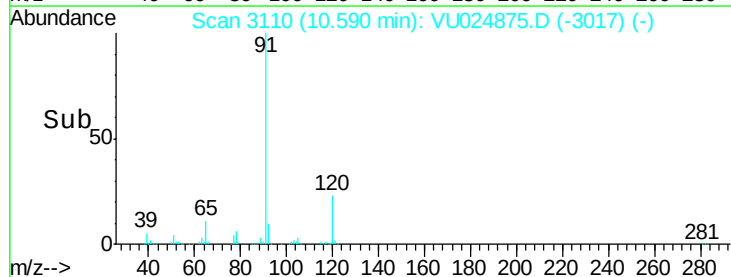
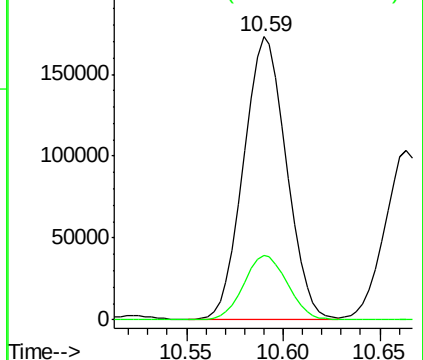
91 100

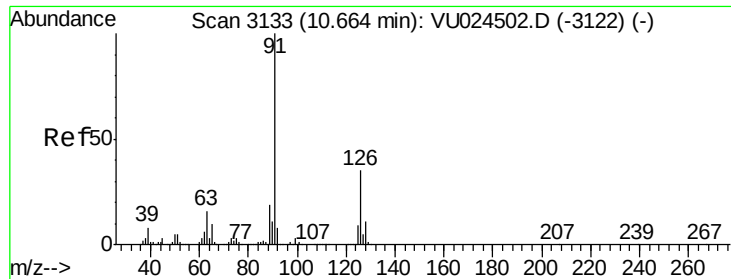
120 23.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.57 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

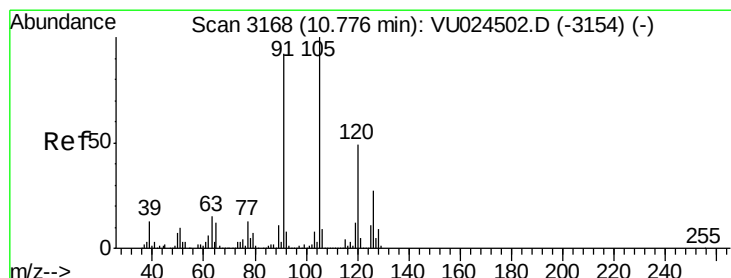
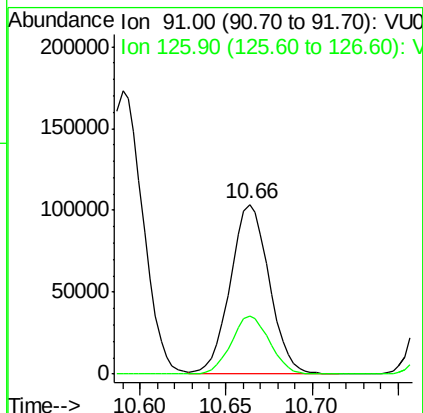
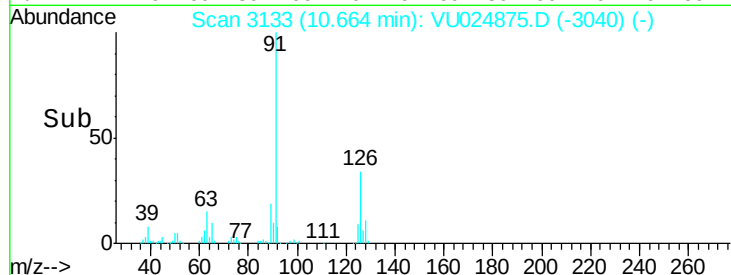
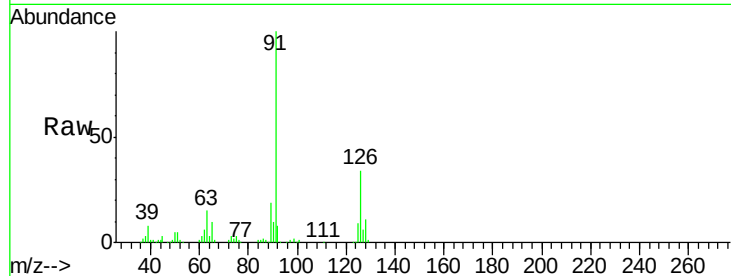
ClientSampleId :

Tot Ion: 91 Resp: 162716

Ion Ratio Lower Upper

91 100

126 34.1 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 20.60 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024875.D

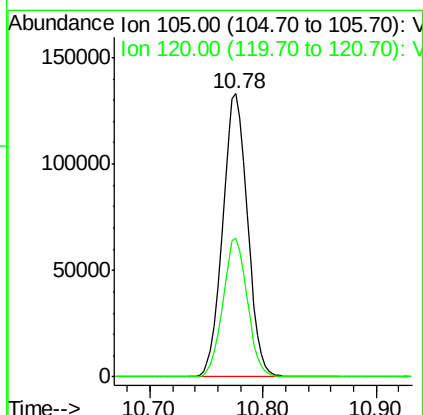
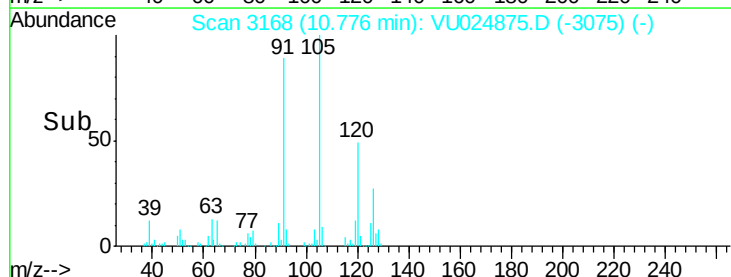
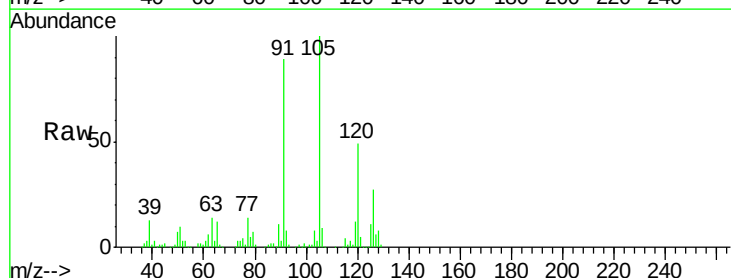
Acq: 25 Jun 2018 15:19

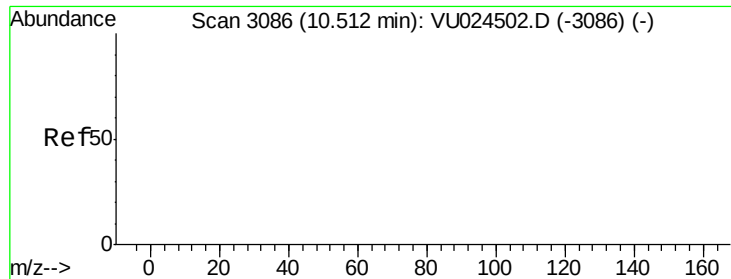
Tgt Ion: 105 Resp: 203310

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2

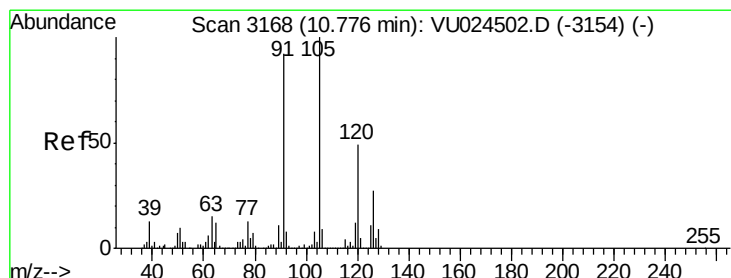
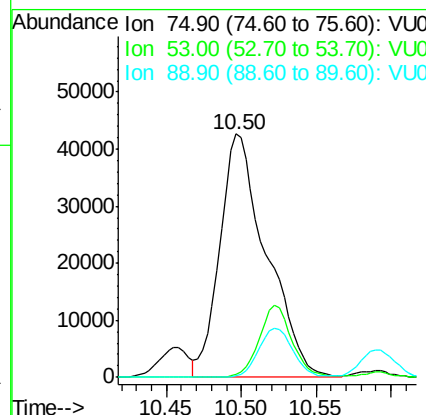
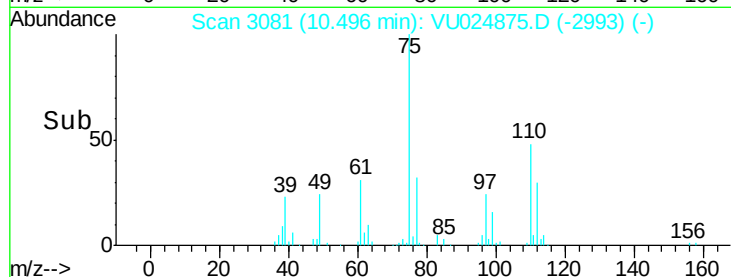
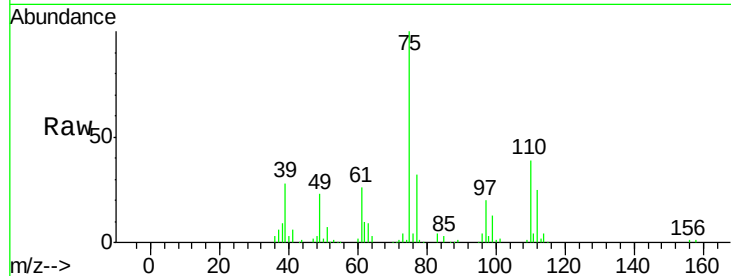




#81
trans-1,4-Dichloro-2-butene
Concen: 65.62 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

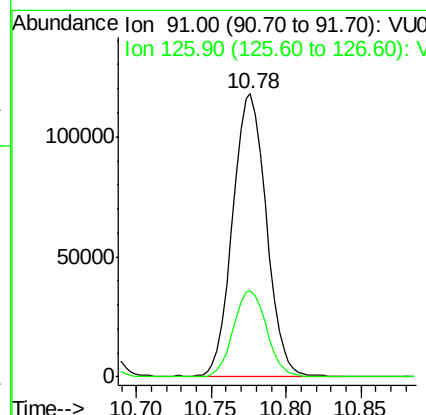
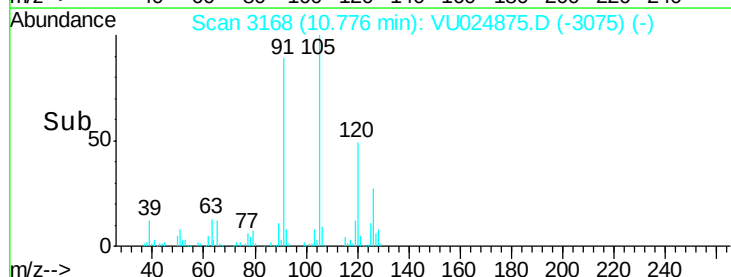
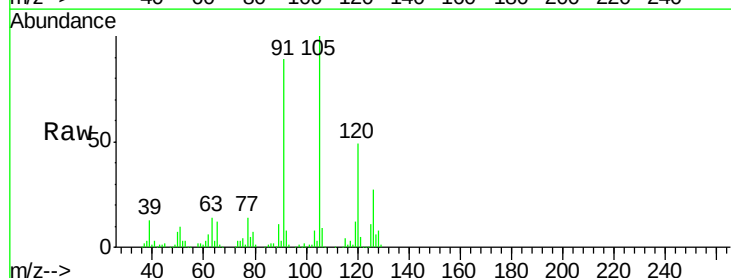
Instrument :
MSVOA_U
ClientSampleId :

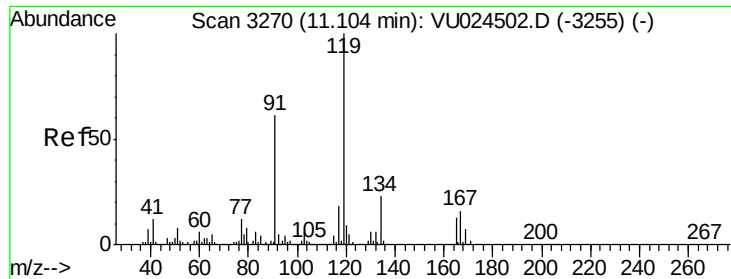
Tot Ion: 75 Resp: 92596
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.01 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024875.D
Acq: 25 Jun 2018 15:19

Tgt Ion: 91 Resp: 184220
Ion Ratio Lower Upper
91 100
126 30.3 14.9 44.9

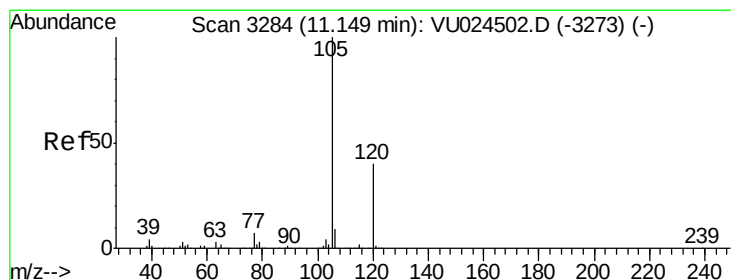
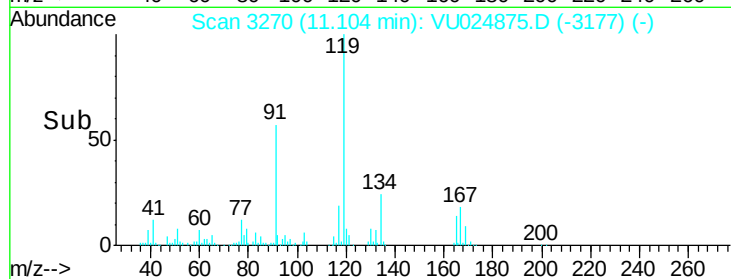
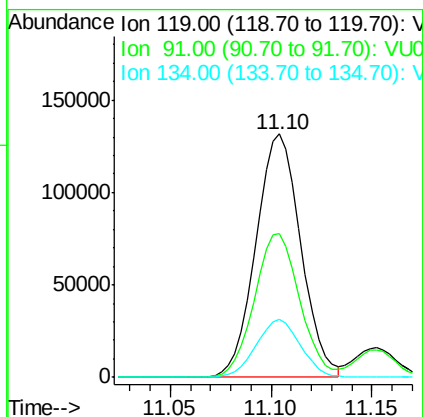
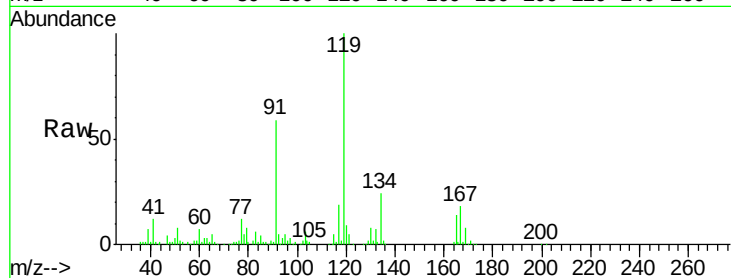




#83
 tert-Butylbenzene
 Concen: 21.56 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

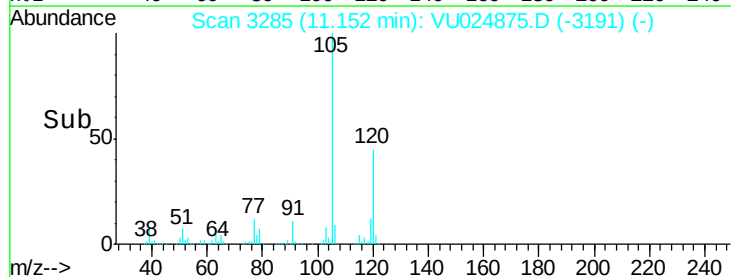
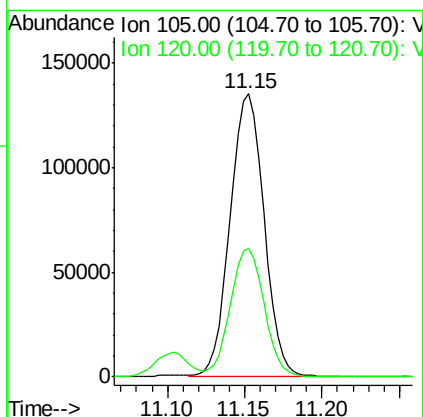
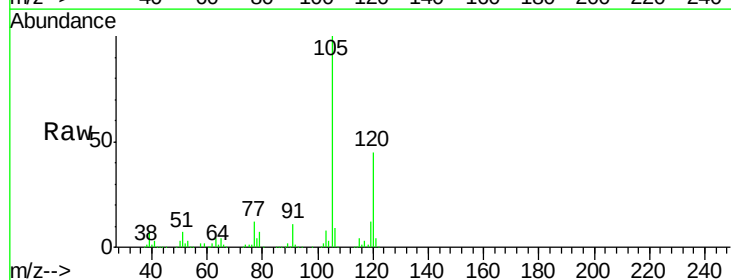
Instrument :
 MSVOA_U
 ClientSampleId :

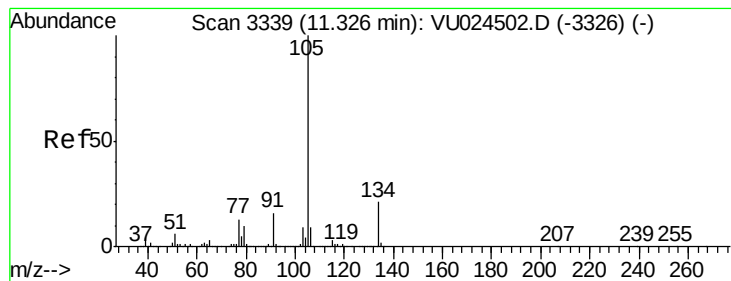
Tot Ion:119 Resp: 204770
 Ion Ratio Lower Upper
 119 100
 91 59.6 29.7 89.1
 134 23.4 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.45 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion:105 Resp: 205746
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 20.61 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

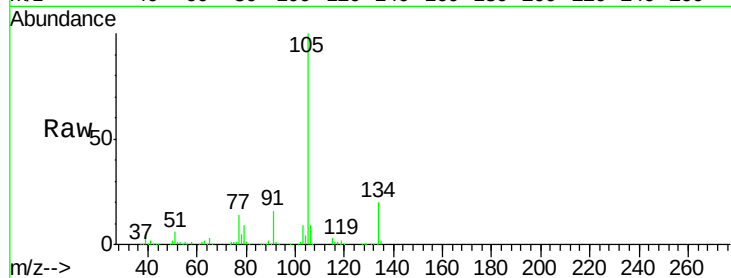
ClientSampleId :

Tot Ion:105 Resp: 244989

Ion Ratio Lower Upper

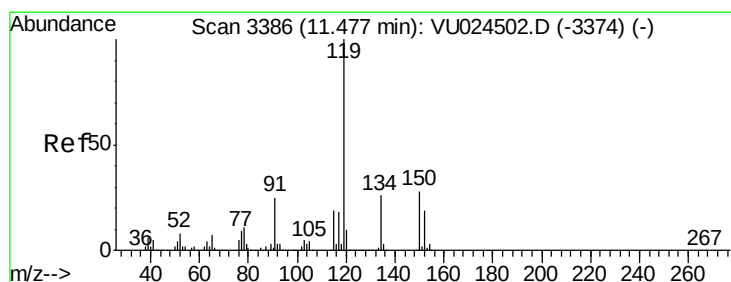
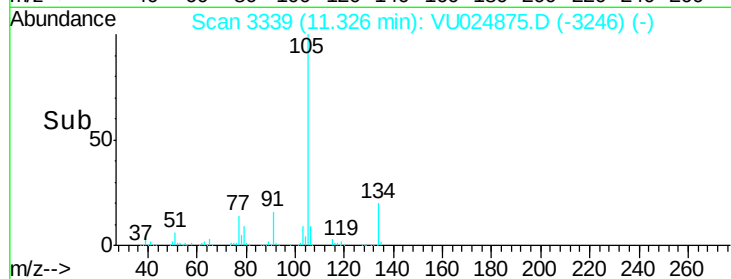
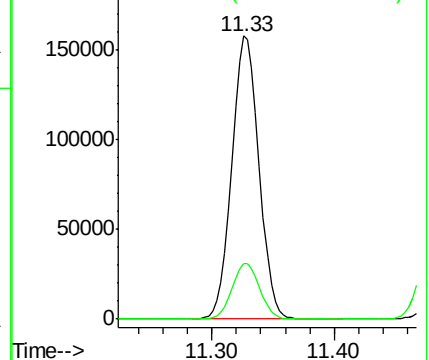
105 100

134 20.0 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.14 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

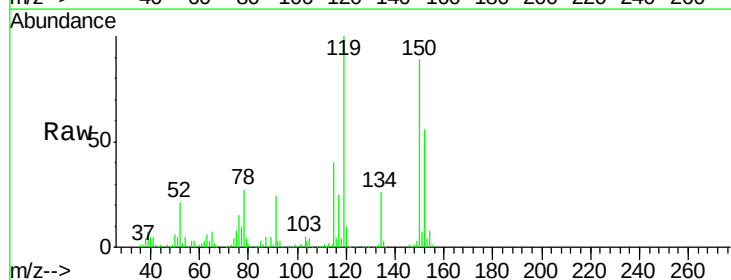
Tgt Ion:119 Resp: 214413

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

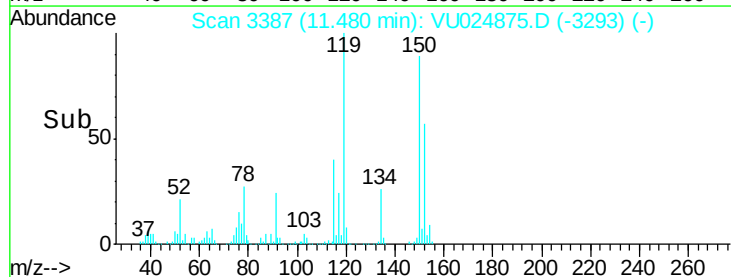
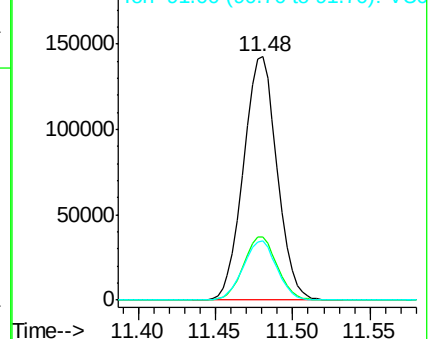
91 24.6 12.0 36.1

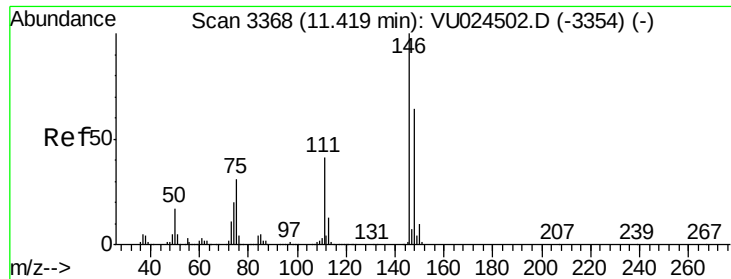


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

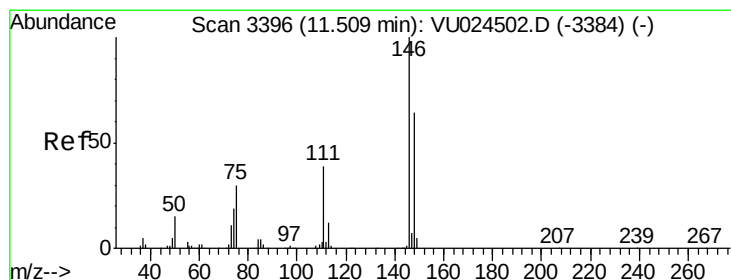
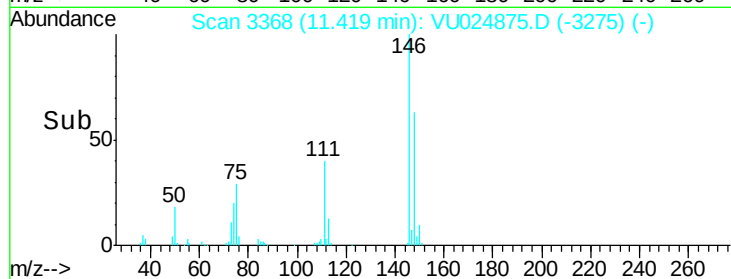
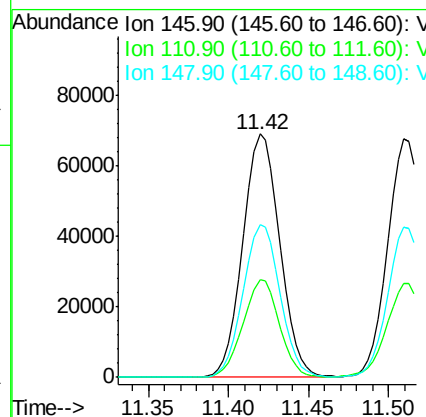
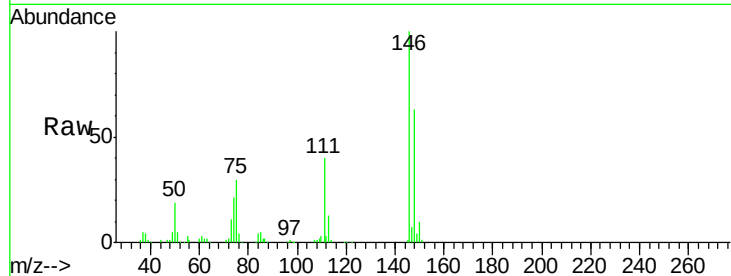




#87
 1,3-Dichlorobenzene
 Concen: 20.42 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

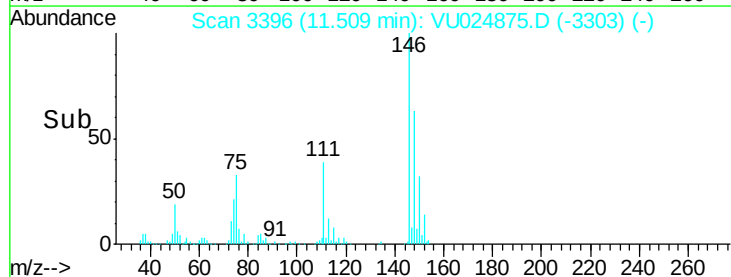
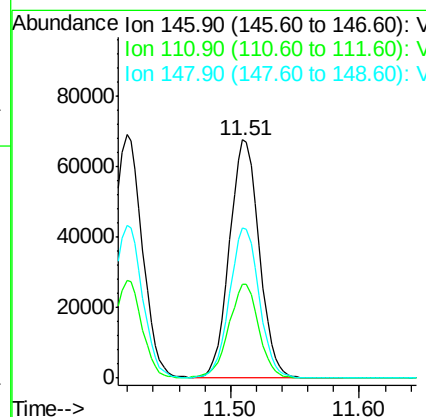
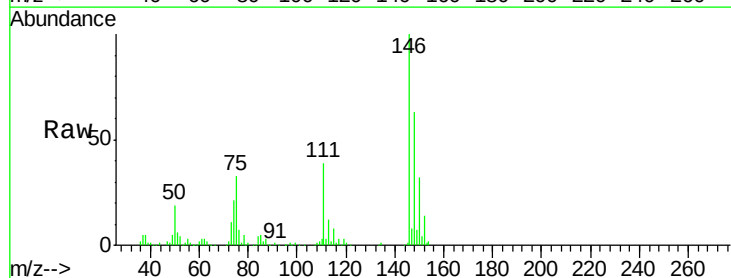
Instrument :
 MSVOA_U
 ClientSampled :

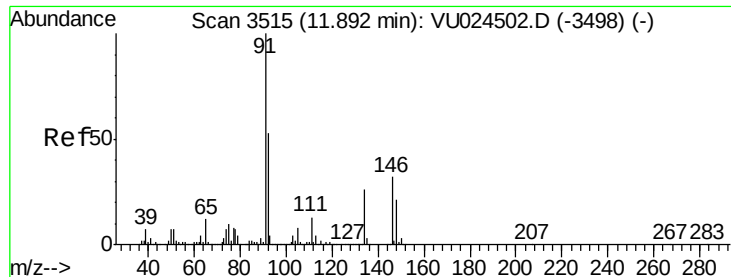
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	62.7	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.18 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	63.0	32.4	97.0





#89

n-Butylbenzene

Concen: 18.29 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

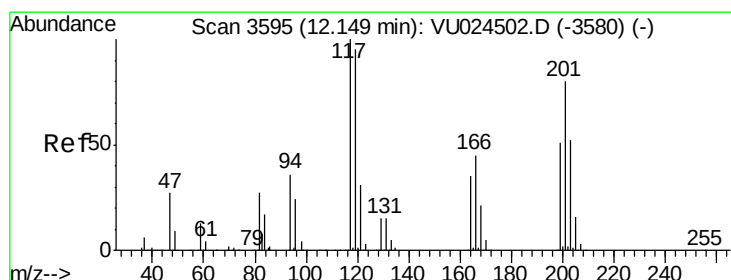
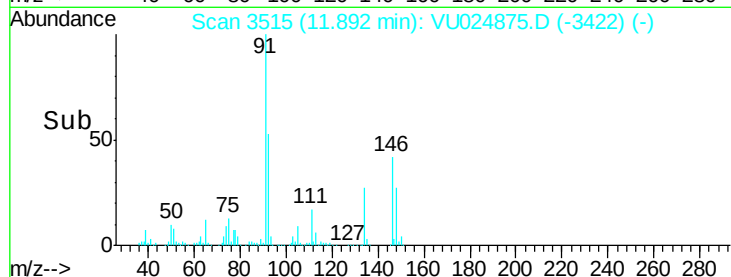
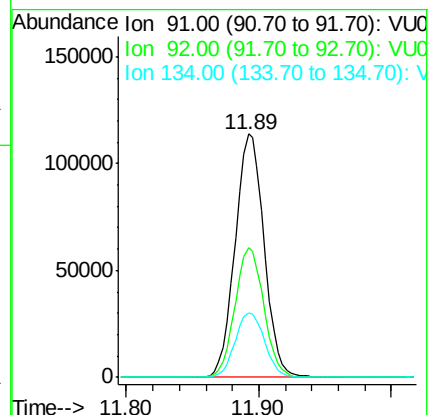
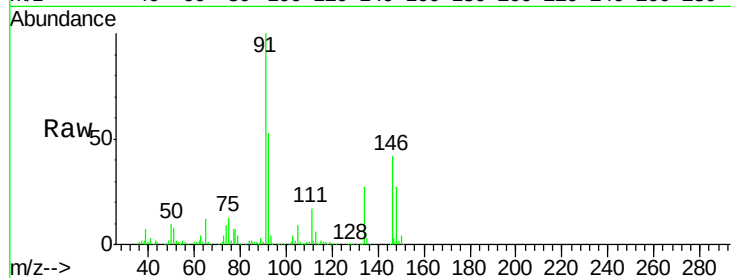
Tot Ion: 91 Resp: 172862

Ion Ratio Lower Upper

91 100

92 52.9 25.6 76.8

134 27.1 12.3 36.8



#90

Hexachloroethane

Concen: 18.21 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024875.D

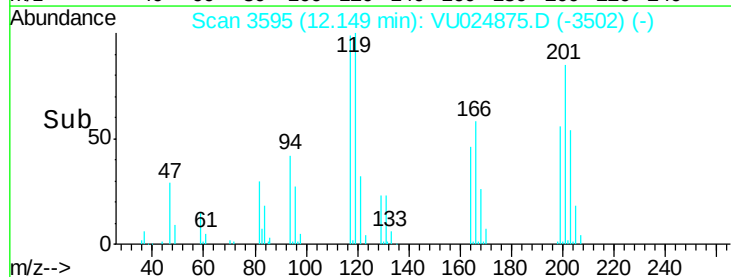
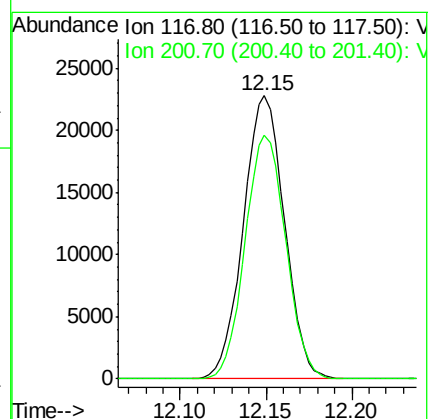
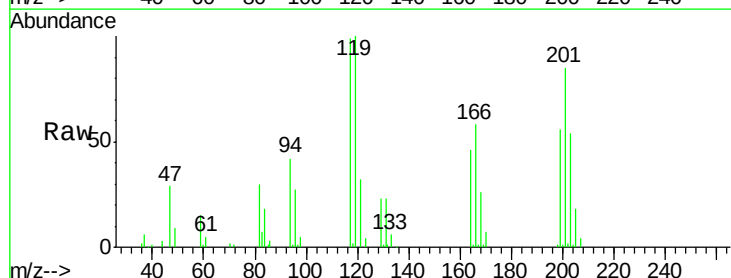
Acq: 25 Jun 2018 15:19

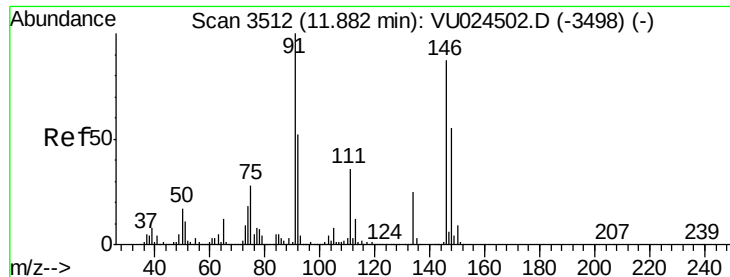
Tgt Ion: 117 Resp: 37813

Ion Ratio Lower Upper

117 100

201 85.0 41.1 123.3

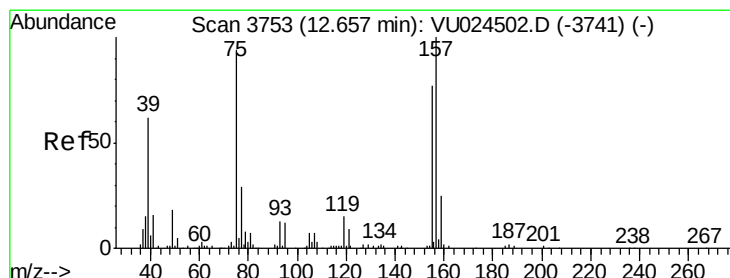
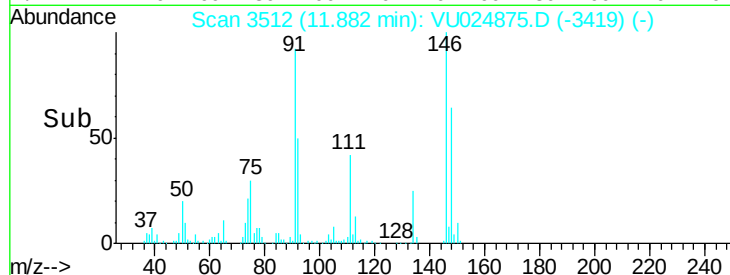
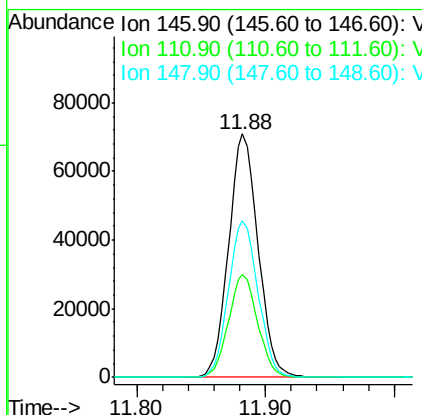
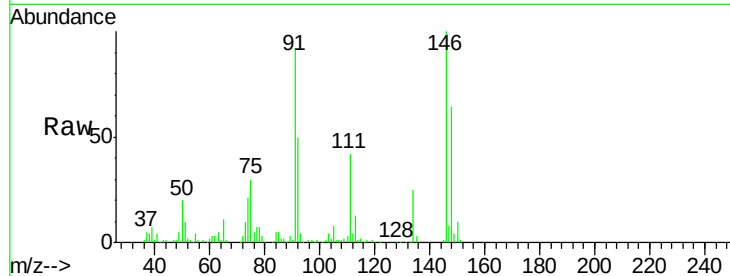




#91
 1,2-Dichlorobenzene
 Concen: 20.99 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

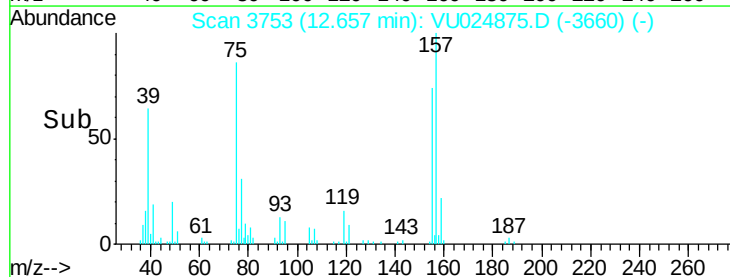
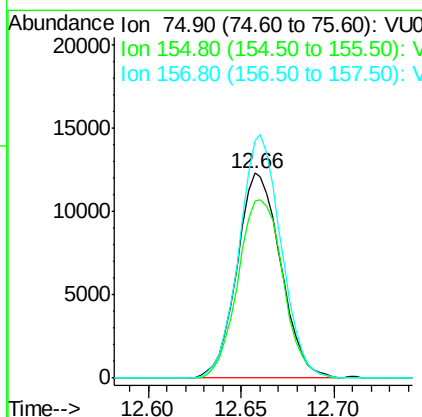
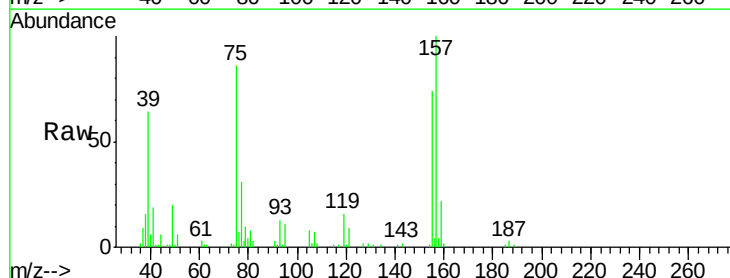
Instrument :
 MSVOA_U
 ClientSampled :

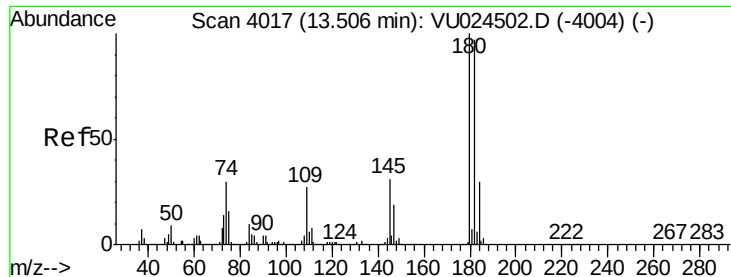
Tot Ion:146 Resp: 112017
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.6
 148 64.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.22 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion: 75 Resp: 20244
 Ion Ratio Lower Upper
 75 100
 155 89.5 40.4 121.2
 157 113.5 52.3 156.8

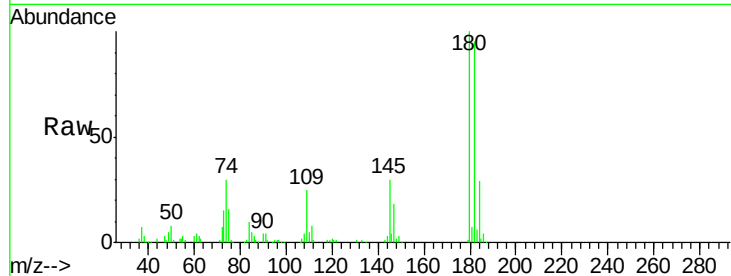




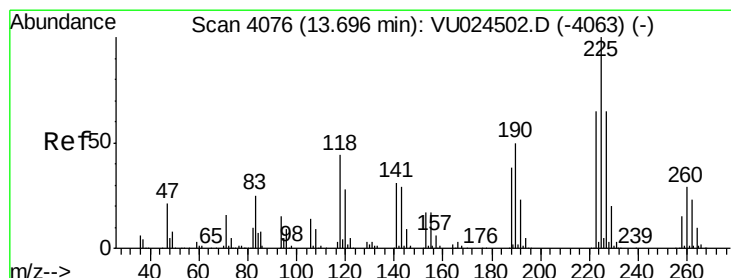
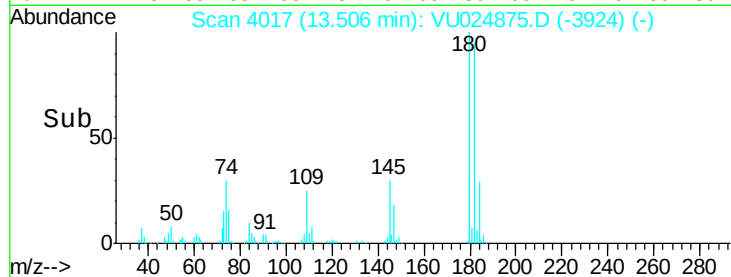
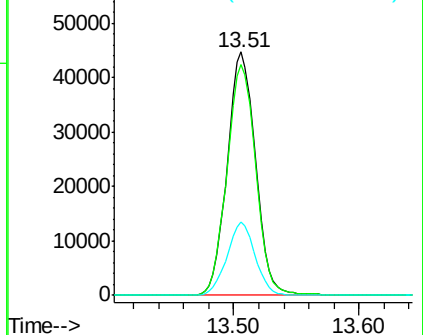
#93
 1,2,4-Trichlorobenzene
 Concen: 21.32 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:180 Resp: 70256
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.0 144.2
 145 29.7 14.7 44.1

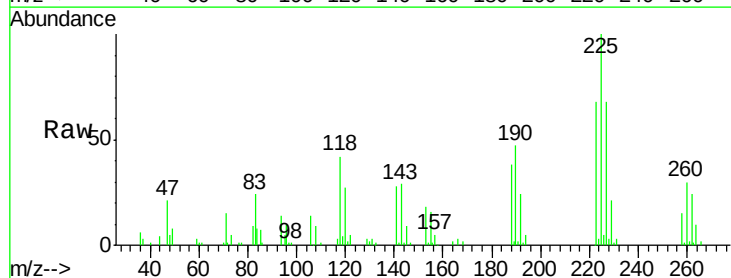


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

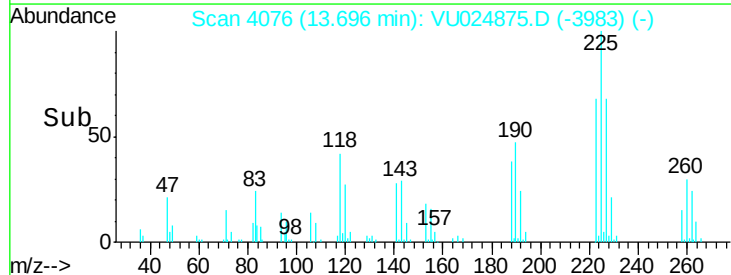
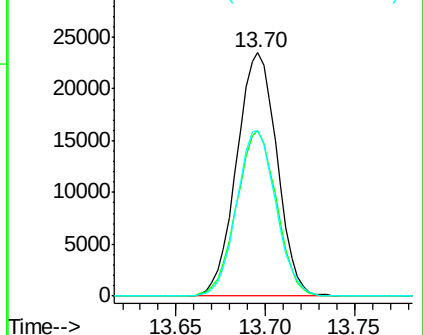


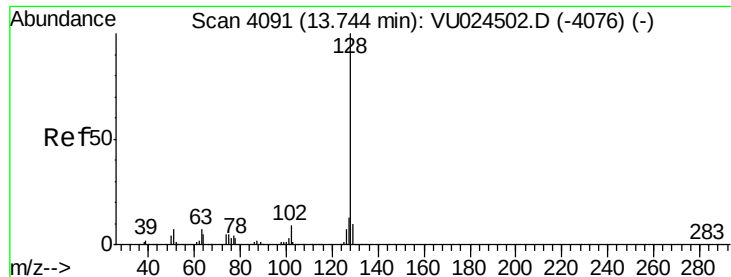
#94
 Hexachlorobutadiene
 Concen: 19.97 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024875.D
 Acq: 25 Jun 2018 15:19

Tgt Ion:225 Resp: 37042
 Ion Ratio Lower Upper
 225 100
 223 67.1 31.3 93.8
 227 66.2 31.8 95.4



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





#95

Naphthalene

Concen: 21.64 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

Instrument :

MSVOA_U

ClientSampleId :

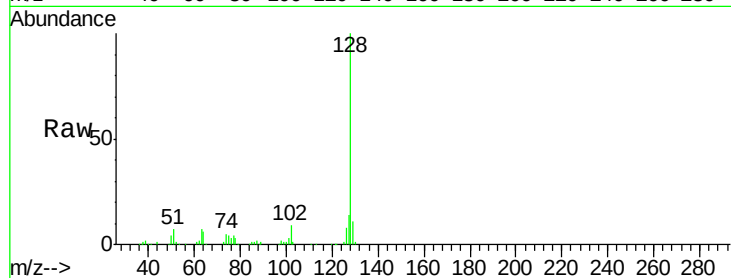
Tot Ion:128 Resp: 231790

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

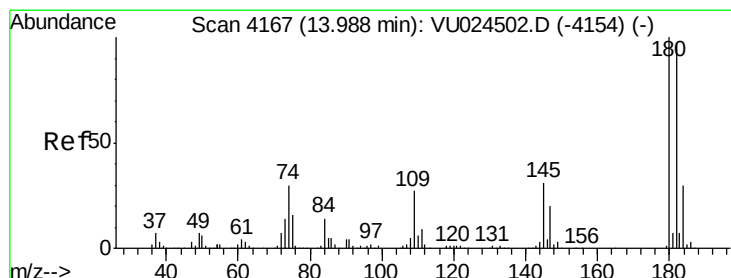
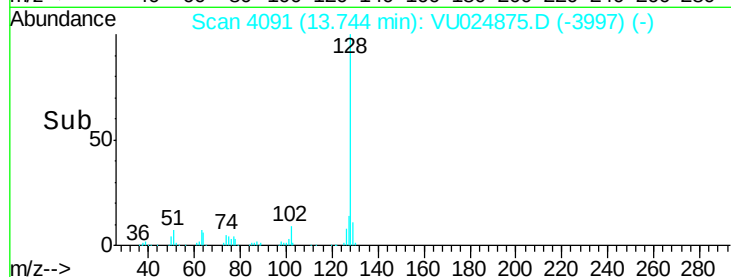
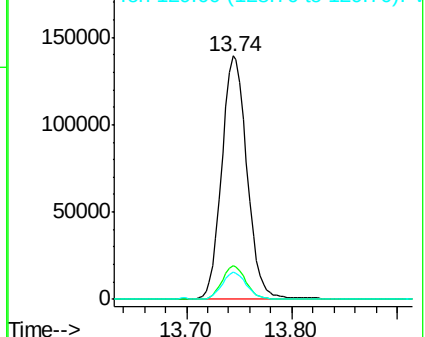
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.54 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024875.D

Acq: 25 Jun 2018 15:19

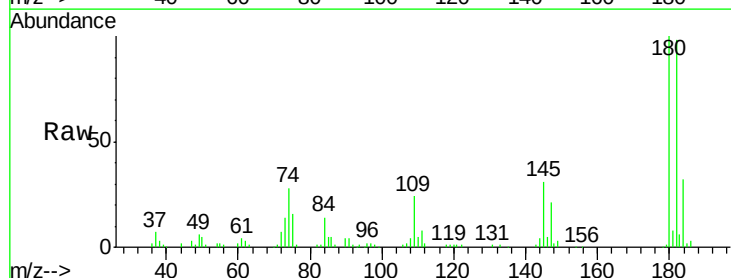
Tgt Ion:180 Resp: 73996

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.7

145 31.8 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

