

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024892.D
 Acq On : 25 Jun 2018 22:36
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 05:37:54 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	171048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	268587	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	255848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156920	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	135902	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
35) Dibromofluoromethane	4.89	113	107782	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
50) Toluene-d8	7.57	98	376059	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	
62) 4-Bromofluorobenzene	10.31	95	155946	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	92410	43.16	ug/l	98
3) Chloromethane	1.33	50	91999	42.06	ug/l	100
4) Vinyl Chloride	1.40	62	101938	45.19	ug/l	100
5) Bromomethane	1.61	94	60656	55.62	ug/l	96
6) Chloroethane	1.69	64	68661	54.57	ug/l	97
7) Trichlorofluoromethane	1.88	101	166527	48.37	ug/l	99
8) Diethyl Ether	2.10	74	62278	53.28	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	96268	45.08	ug/l	96
10) Methyl Iodide	2.41	142	97599	53.58	ug/l	99
11) Tert butyl alcohol	2.82	59	156377	230.26	ug/l	99
12) 1,1-Dichloroethene	2.28	96	88970	45.68	ug/l	93
13) Acrolein	2.19	56	58953	165.31	ug/l	99
14) Allyl chloride	2.59	41	156781	43.35	ug/l	98
15) Acrylonitrile	2.93	53	320201	242.33	ug/l	99
16) Acetone	2.32	43	303487	202.28	ug/l	99
17) Carbon Disulfide	2.48	76	240214	38.52	ug/l	98
18) Methyl Acetate	2.62	43	173831	54.04	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	366045	50.00	ug/l	95
20) Methylene Chloride	2.70	84	111935	47.55	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	97931	45.65	ug/l	98
22) Diisopropyl ether	3.57	45	354640	49.47	ug/l	94
23) Vinyl Acetate	3.53	43	1517018	236.24	ug/l	99
24) 1,1-Dichloroethane	3.45	63	200188	48.54	ug/l	98
25) 2-Butanone	4.26	43	471495	233.96	ug/l	96
26) 2,2-Dichloropropane	4.23	77	165682	42.31	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	120182	48.73	ug/l	98
28) Bromochloromethane	4.55	49	82961	45.67	ug/l	87
29) Tetrahydrofuran	4.64	42	296828	237.84	ug/l	97
30) Chloroform	4.68	83	212889	51.00	ug/l	100
31) Cyclohexane	5.00	56	174268	47.49	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	191051	49.50	ug/l	97
36) 1,1-Dichloropropene	5.14	75	146792	46.51	ug/l	98
37) Ethyl Acetate	4.38	43	173088	50.32	ug/l	97
38) Carbon Tetrachloride	5.14	117	168076	48.43	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	178386	45.29	ug/l	94
40) Benzene	5.39	78	433378	48.19	ug/l	99
41) Methacrylonitrile	4.54	41	98183	52.94	ug/l	99
42) 1,2-Dichloroethane	5.41	62	177871	51.93	ug/l	99
43) Isopropyl Acetate	5.55	43	281991	47.42	ug/l	99
44) Trichloroethene	6.19	130	120122	46.93	ug/l	96
45) 1,2-Dichloropropane	6.44	63	119301	49.72	ug/l	98
46) Dibromomethane	6.56	93	83811	49.72	ug/l	93
47) Bromodichloromethane	6.76	83	167087	49.78	ug/l	100
48) Methyl methacrylate	6.62	41	143997	49.73	ug/l	98
49) 1,4-Dioxane	6.62	88	67950	1200.05	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	924371	247.45	ug/l	98
52) Toluene	7.64	92	285395	49.33	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	177531	47.10	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	186437	46.42	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	119693	50.89	ug/l	99
56) Ethyl methacrylate	8.02	69	193004	49.03	ug/l	98
57) 1,3-Dichloropropane	8.25	76	201985	50.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	53735	35.63	ug/l	97
59) 2-Hexanone	8.36	43	737598	241.85	ug/l	99
60) Dibromochloromethane	8.48	129	139564	47.59	ug/l	100
61) 1,2-Dibromoethane	8.59	107	129194	49.35	ug/l	99
64) Tetrachloroethene	8.23	164	113273	46.58	ug/l	99
65) Chlorobenzene	9.12	112	324276	49.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	125680	50.61	ug/l	98
67) Ethyl Benzene	9.25	91	564503	49.27	ug/l	99
68) m/p-Xylenes	9.38	106	435740	99.03	ug/l	98
69) o-Xylene	9.78	106	219438	50.39	ug/l	97
70) Styrene	9.80	104	360029	50.31	ug/l	99
71) Bromoform	9.96	173	111228	47.13	ug/l #	97
73) Isopropylbenzene	10.17	105	596506	49.51	ug/l	99
74) N-amyl acetate	10.01	43	268170	46.80	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	201681	49.96	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	236905	68.57	ug/l	82
77) Bromobenzene	10.45	156	151023	49.52	ug/l	96
78) n-propylbenzene	10.59	91	672959	47.42	ug/l	98
79) 2-Chlorotoluene	10.66	91	407745	48.72	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	515436	49.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	236905	158.71	ug/l #	100
82) 4-Chlorotoluene	10.78	91	470829	48.33	ug/l	100
83) tert-Butylbenzene	11.10	119	510967	50.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	523456	49.19	ug/l	100
85) sec-Butylbenzene	11.33	105	624581	49.68	ug/l	98
86) p-Isopropyltoluene	11.48	119	547949	48.66	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	278790	49.48	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	279384	49.26	ug/l	99
89) n-Butylbenzene	11.89	91	457241	45.74	ug/l	97
90) Hexachloroethane	12.15	117	100102	45.57	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	292837	51.88	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	55976	50.25	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	191667	54.99	ug/l	99
94) Hexachlorobutadiene	13.70	225	98888	50.41	ug/l	99
95) Naphthalene	13.74	128	632329	54.74	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	201435	58.00	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

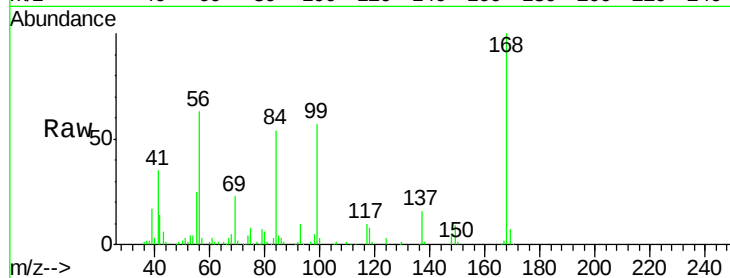
ClientSampled :

Tot Ion:168 Resp: 171048

Ion Ratio Lower Upper

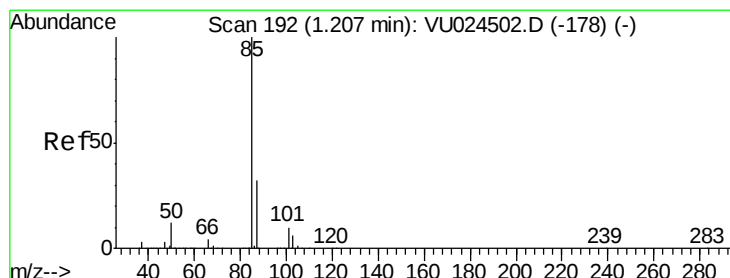
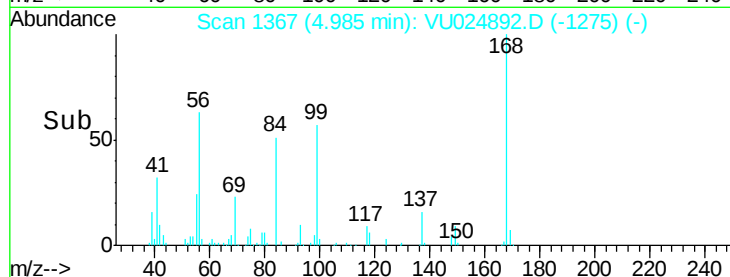
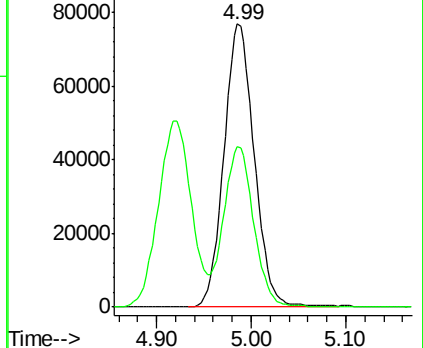
168 100

99 56.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 43.16 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024892.D

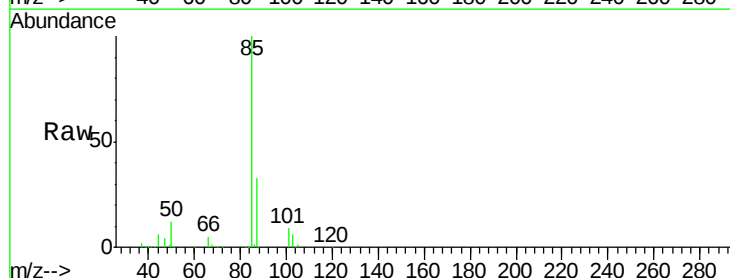
Acq: 25 Jun 2018 22:36

Tgt Ion: 85 Resp: 92410

Ion Ratio Lower Upper

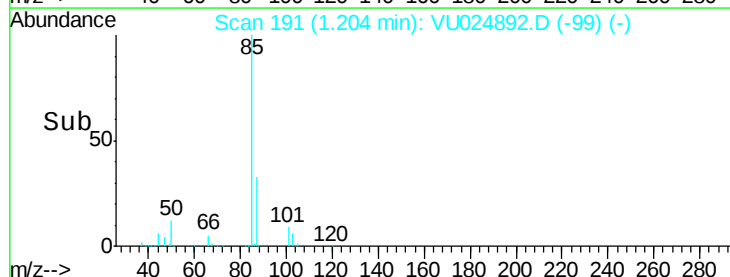
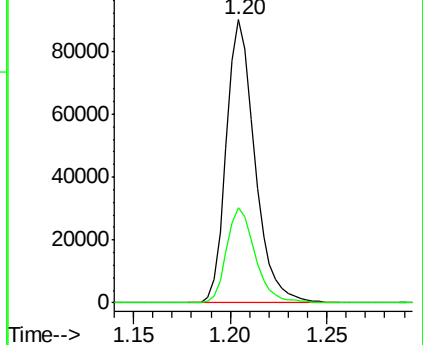
85 100

87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 42.06 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

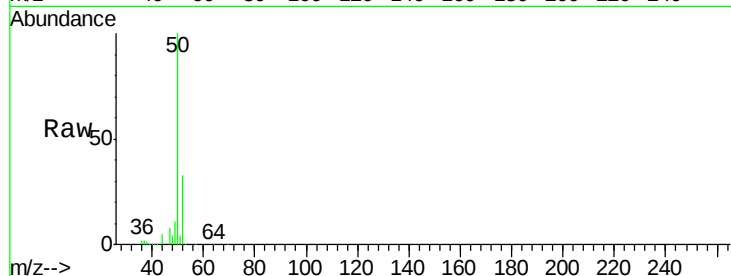
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 91999

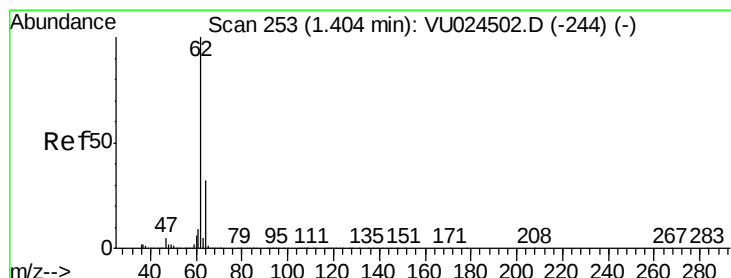
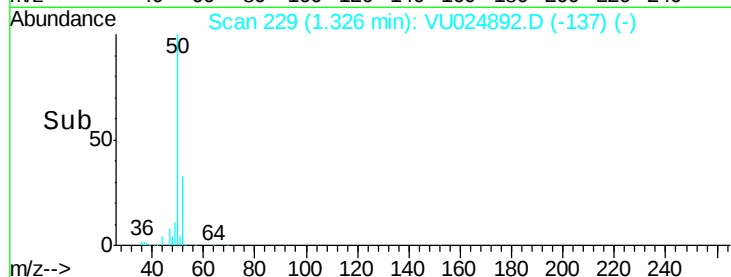
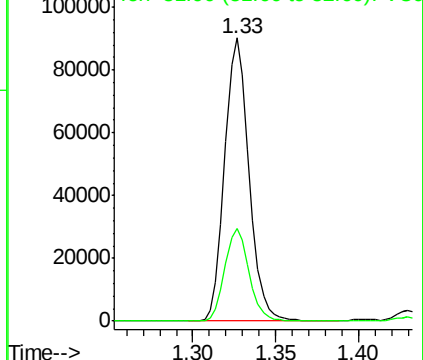
Ion Ratio Lower Upper

50 100

52 32.9 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: 45.19 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024892.D

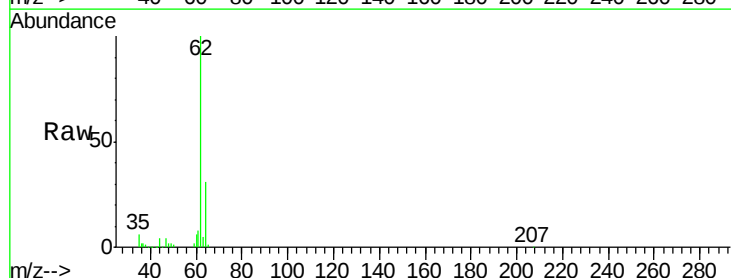
Acq: 25 Jun 2018 22:36

Tgt Ion: 62 Resp: 101938

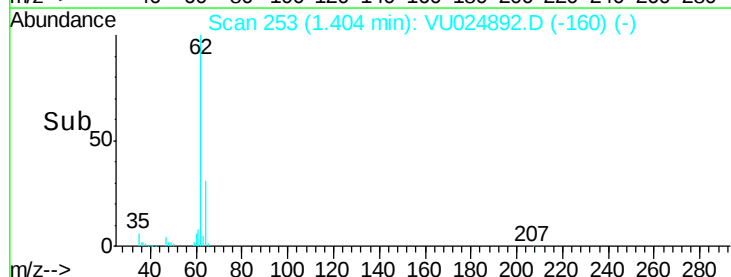
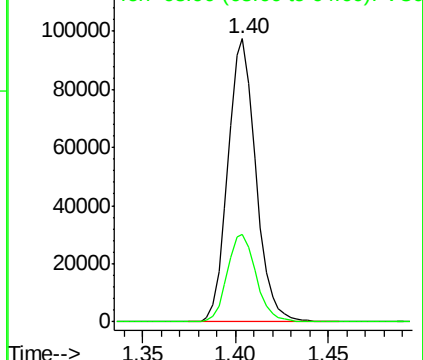
Ion Ratio Lower Upper

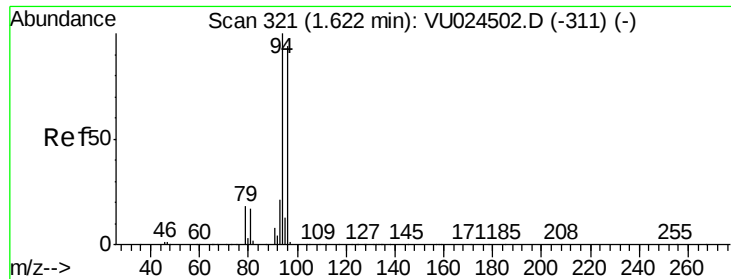
62 100

64 31.1 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: 55.62 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

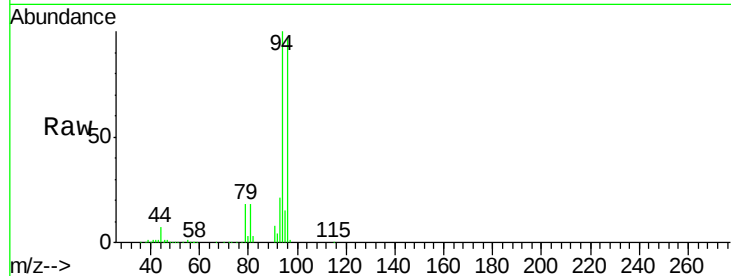
ClientSampled :

Tot Ion: 94 Resp: 60656

Ion Ratio Lower Upper

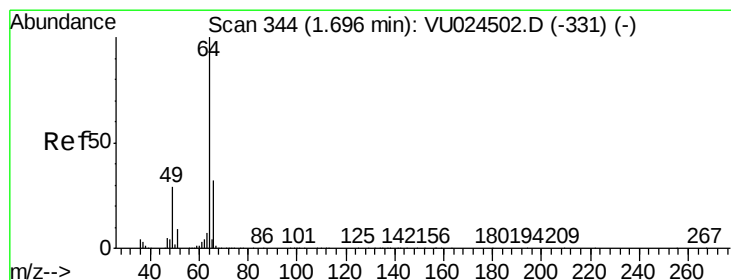
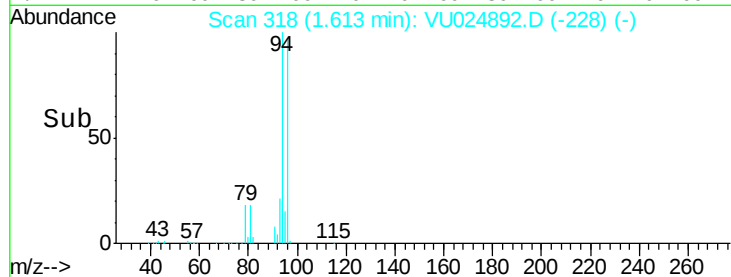
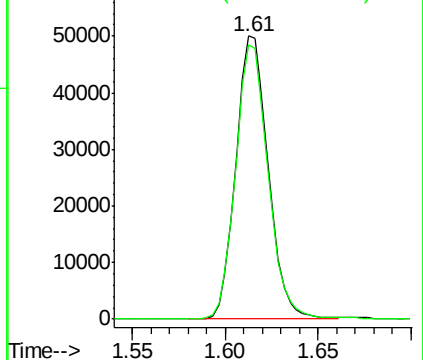
94 100

96 97.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 54.57 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024892.D

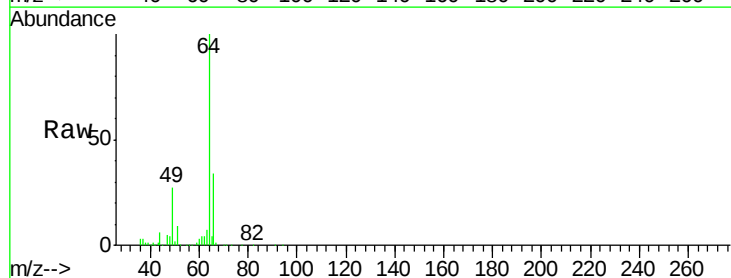
Acq: 25 Jun 2018 22:36

Tgt Ion: 64 Resp: 68661

Ion Ratio Lower Upper

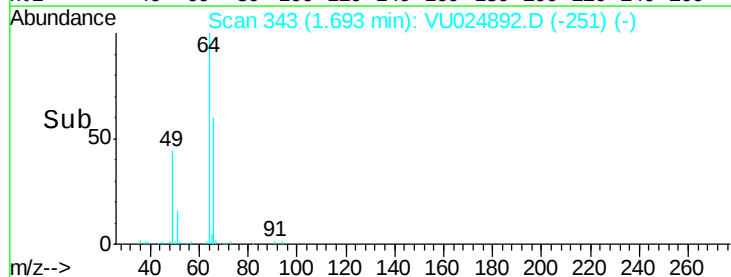
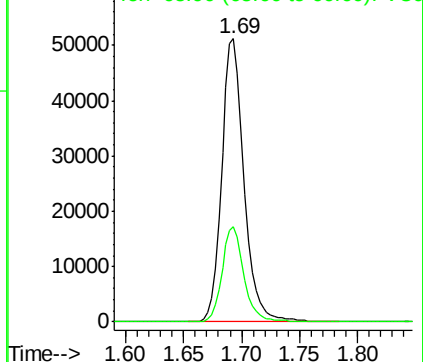
64 100

66 33.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



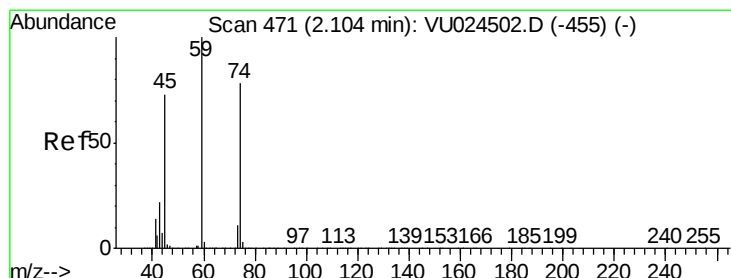
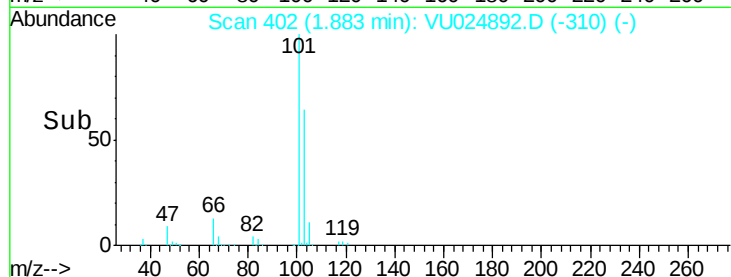
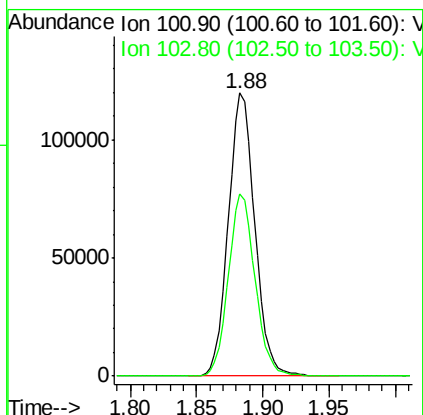
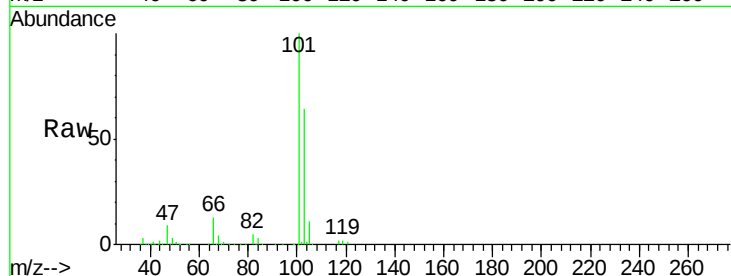


#7

Trichlorofluoromethane
 Concen: 48.37 ug/l
 RT: 1.88 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :

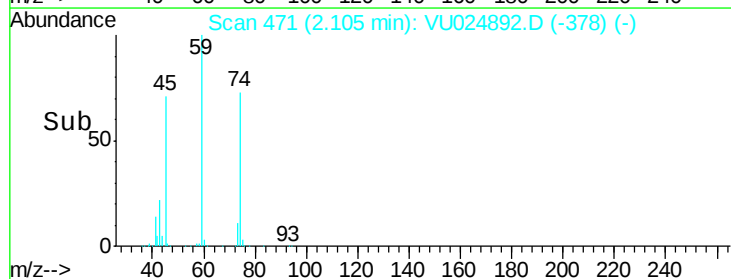
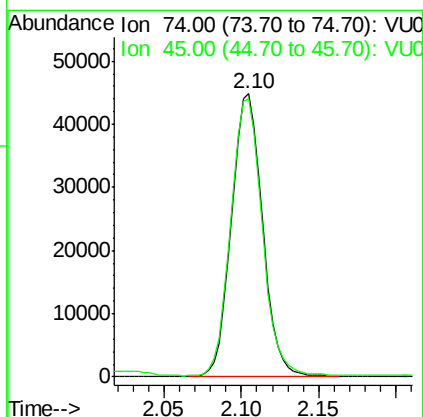
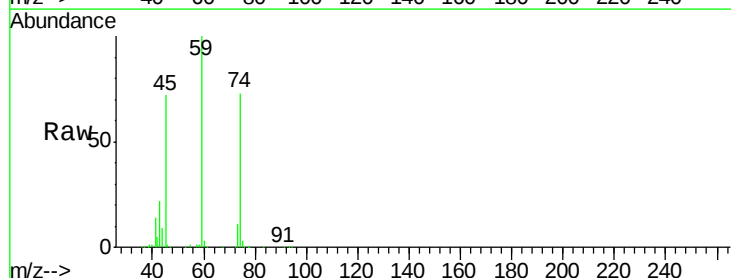
Tot Ion:101 Resp: 166527
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5



#8

Diethyl Ether
 Concen: 53.28 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion: 74 Resp: 62278
 Ion Ratio Lower Upper
 74 100
 45 99.3 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.08 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

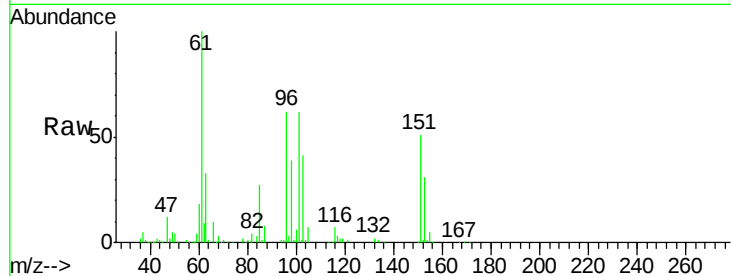
Tot Ion:101 Resp: 96268

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

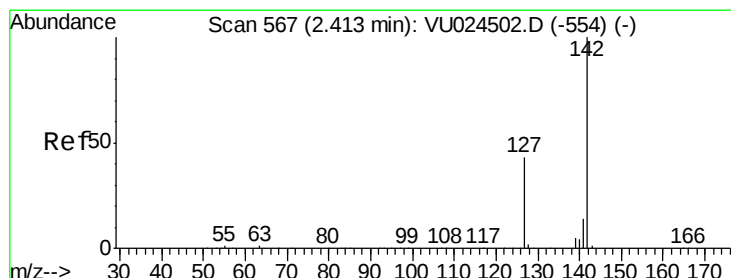
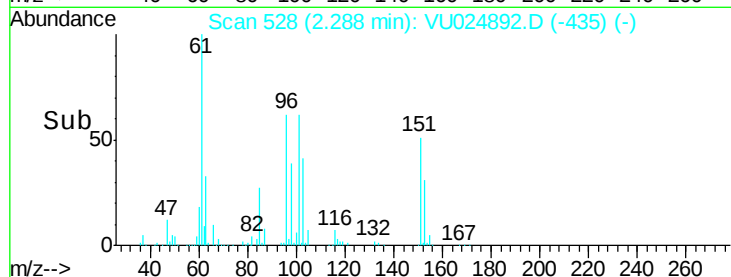
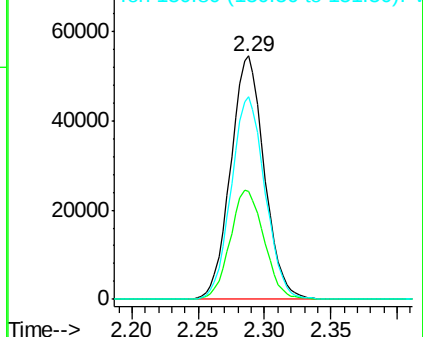
151 83.7 62.3 93.5



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: 53.58 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

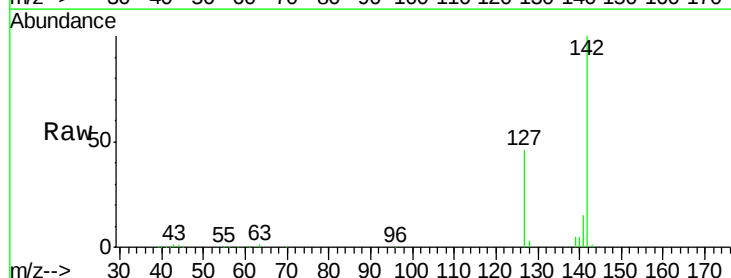
Tgt Ion:142 Resp: 97599

Ion Ratio Lower Upper

142 100

127 45.5 35.6 53.4

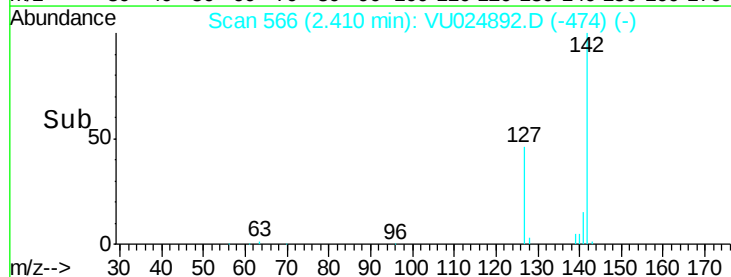
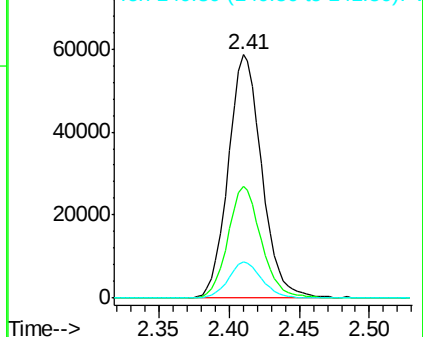
141 14.9 11.7 17.5

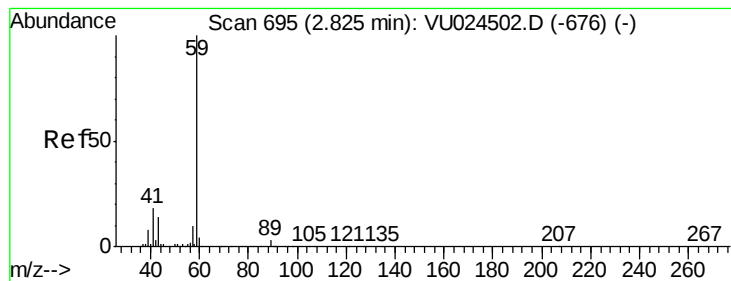


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



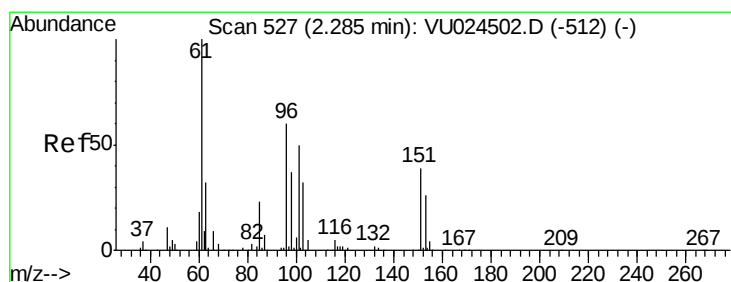
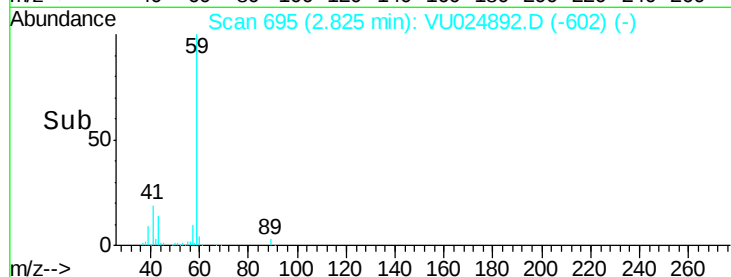
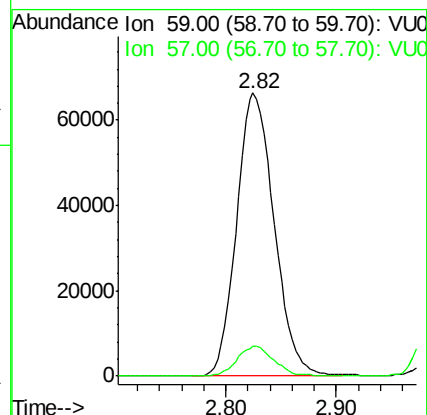
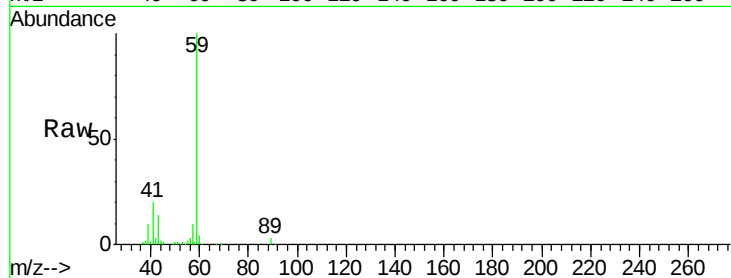


#11

Tert butyl alcohol
 Concen: 230.26 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :

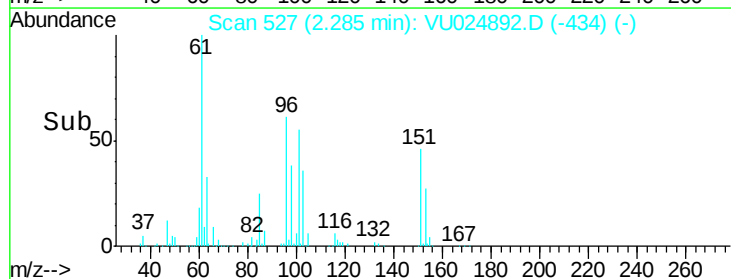
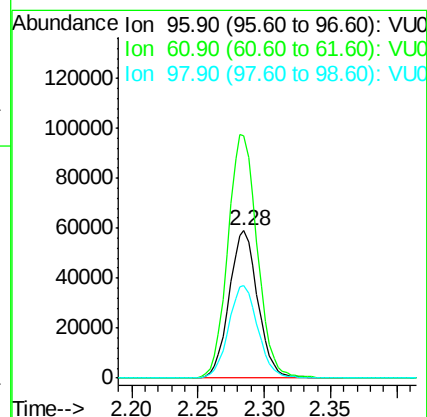
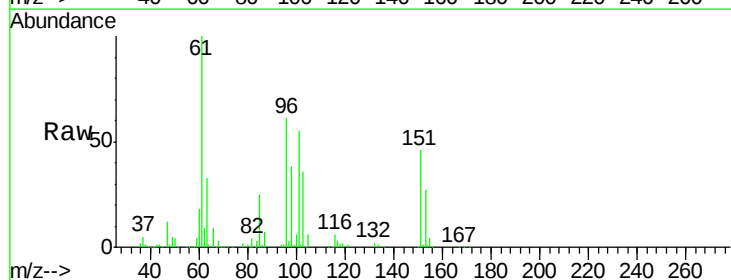
Tot Ion: 59 Resp: 156377
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

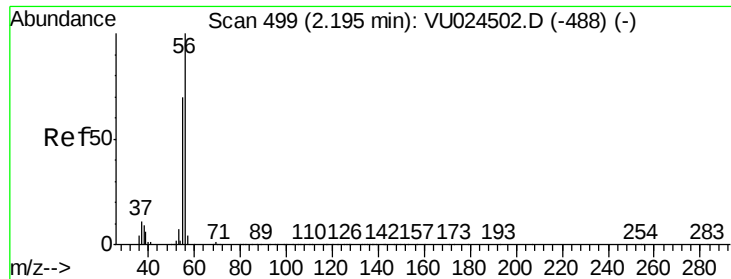


#12

1,1-Dichloroethene
 Concen: 45.68 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion: 96 Resp: 88970
 Ion Ratio Lower Upper
 96 100
 61 164.4 141.7 212.5
 98 62.7 51.6 77.4





#13

Acrolein

Concen: 165.31 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

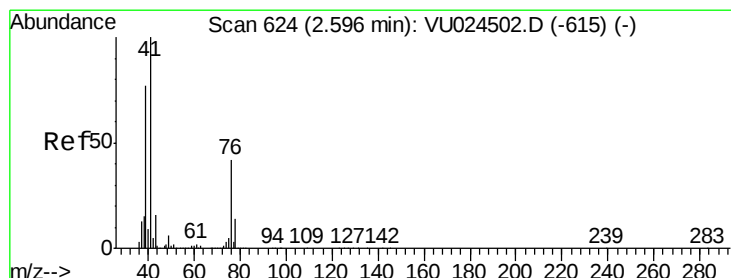
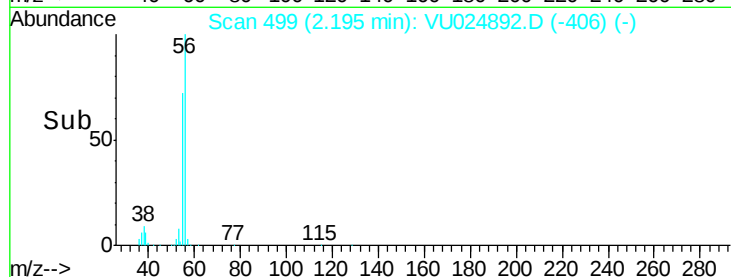
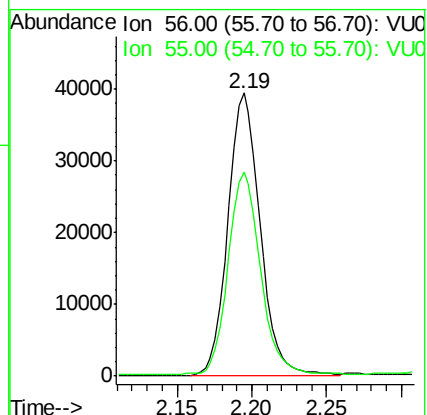
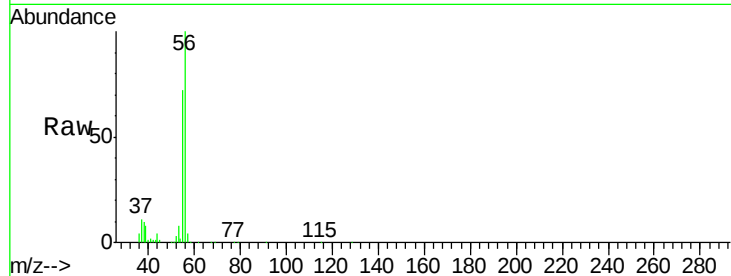
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 58953

Ion Ratio Lower Upper

56 100

55 72.4 58.4 87.6



#14

Allyl chloride

Concen: 43.35 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

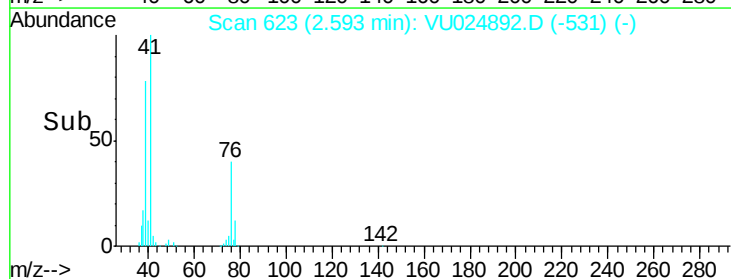
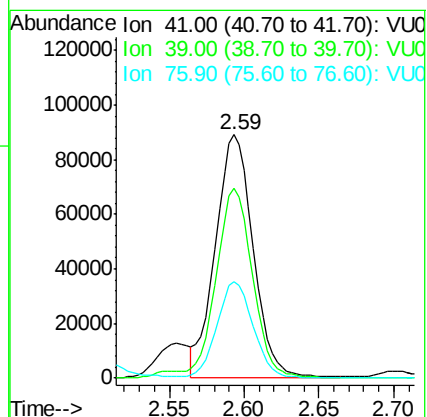
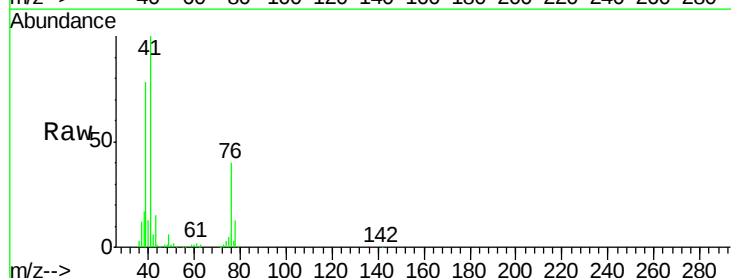
Tgt Ion: 41 Resp: 156781

Ion Ratio Lower Upper

41 100

39 74.5 61.6 92.4

76 37.8 29.7 44.5





#15

Acrylonitrile

Concen: 242.33 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampled :

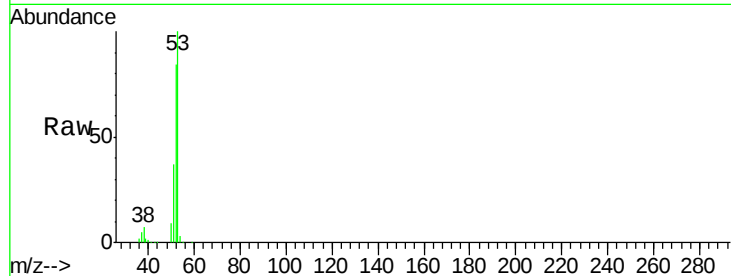
Tot Ion: 53 Resp: 320201

Ion Ratio Lower Upper

53 100

52 83.0 67.1 100.7

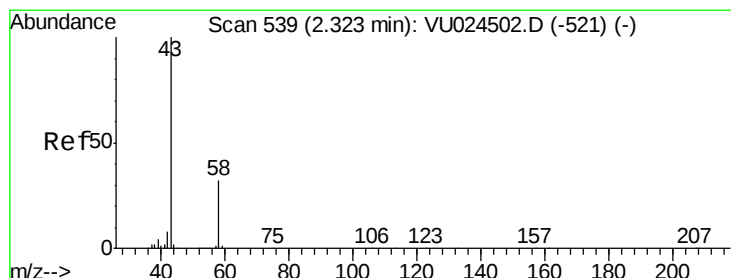
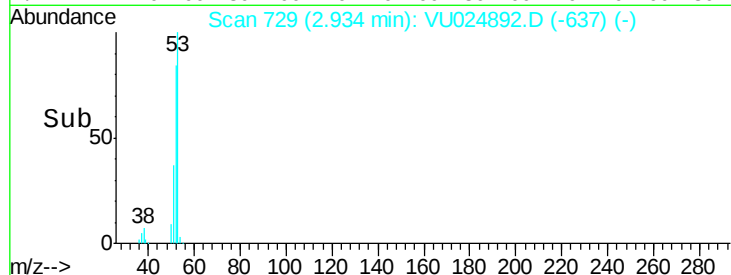
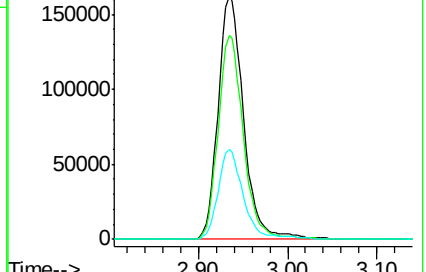
51 36.9 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU024892.D (-637) (-)

Ion 52.00 (51.70 to 52.70): VU024892.D (-637) (-)

Ion 51.00 (50.70 to 51.70): VU024892.D (-637) (-)



#16

Acetone

Concen: 202.28 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024892.D

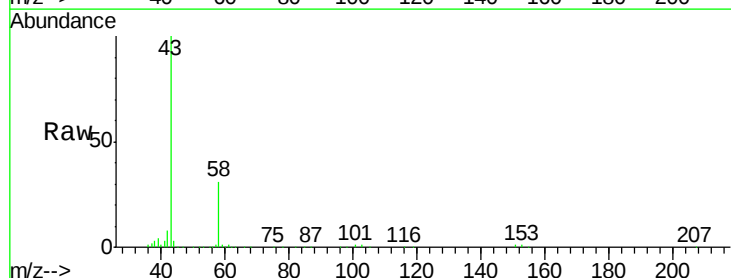
Acq: 25 Jun 2018 22:36

Tgt Ion: 43 Resp: 303487

Ion Ratio Lower Upper

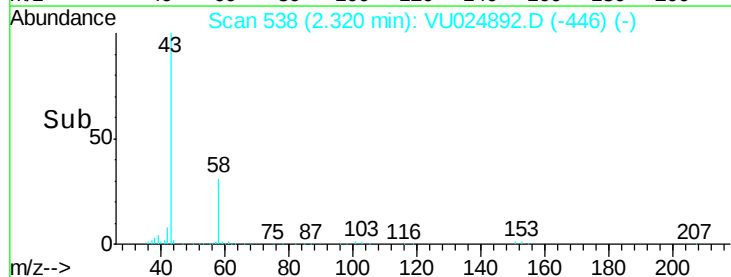
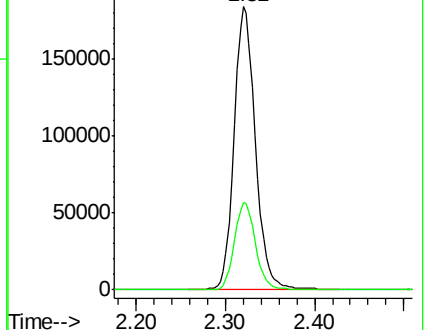
43 100

58 30.8 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024892.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024892.D (-446) (-)

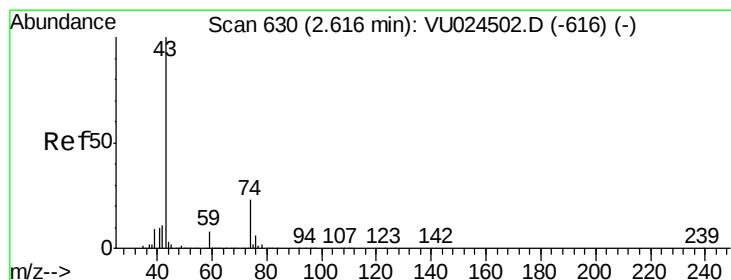
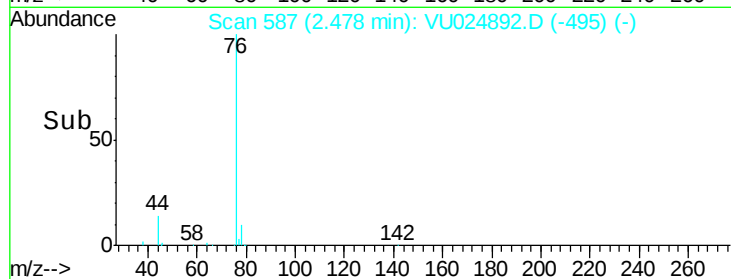
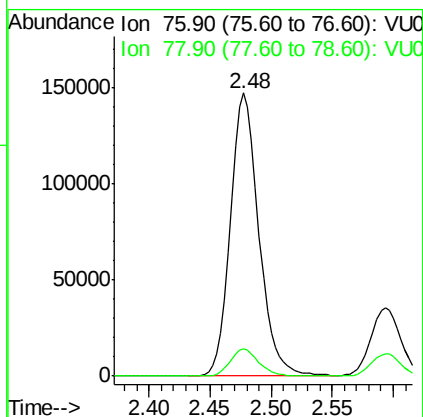
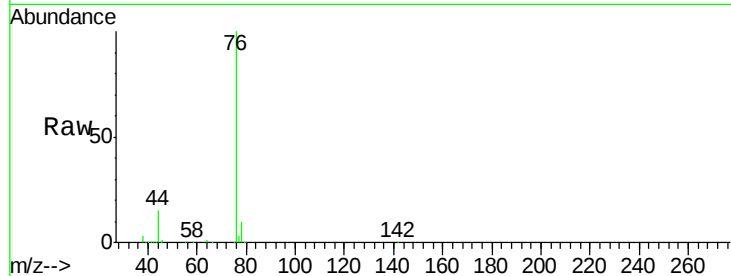




#17
Carbon Disulfide
Concen: 38.52 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

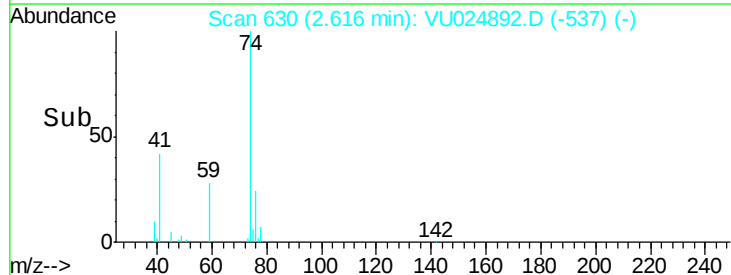
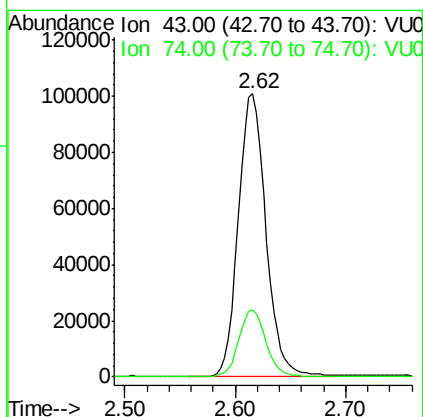
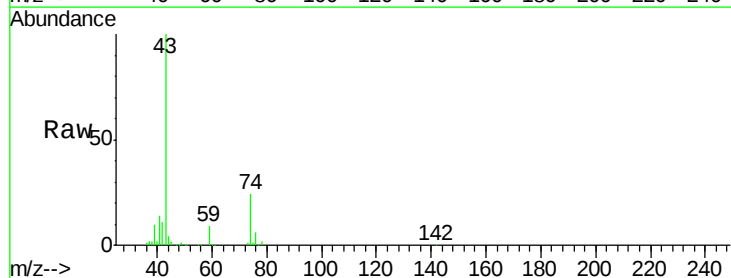
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 76 Resp: 240214
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 54.04 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 43 Resp: 173831
Ion Ratio Lower Upper
43 100
74 23.5 18.0 27.0

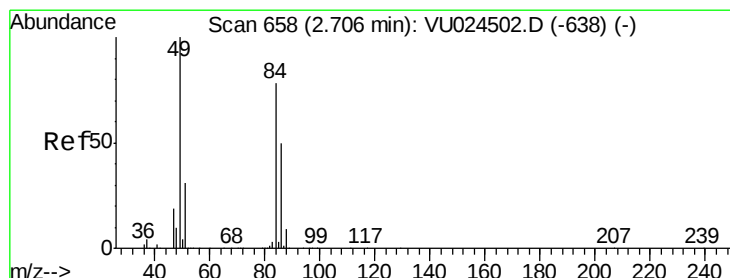
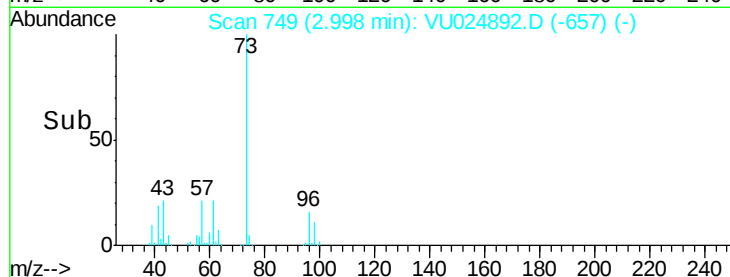
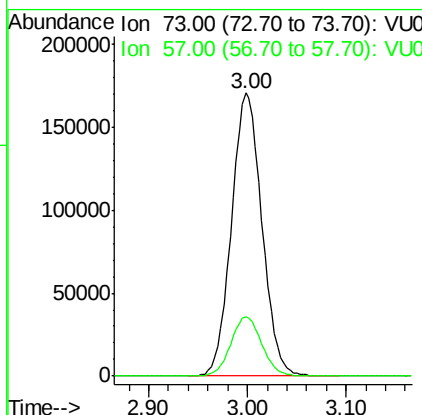
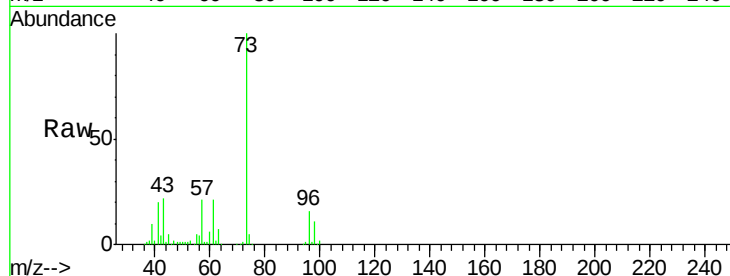




#19
Methvl tert-butvl Ether
Concen: 50.00 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

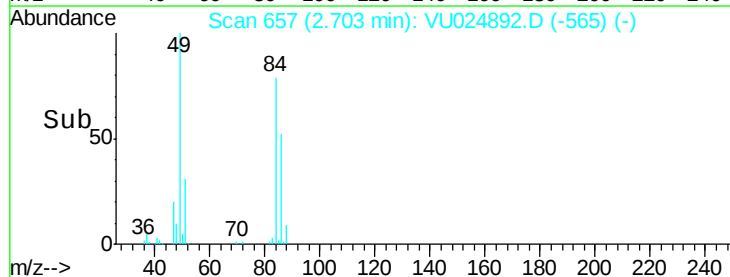
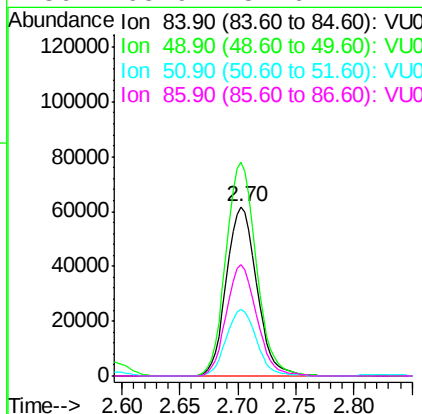
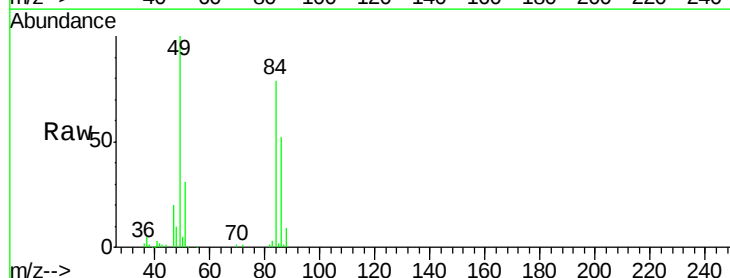
Instrument :
MSVOA_U
ClientSampleId :

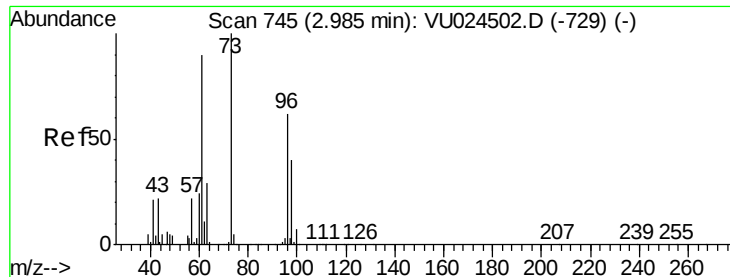
Tot Ion: 73 Resp: 366045
Ion Ratio Lower Upper
73 100
57 21.1 18.8 28.2



#20
Methylene Chloride
Concen: 47.55 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 84 Resp: 111935
Ion Ratio Lower Upper
84 100
49 126.3 103.8 155.8
51 39.2 32.0 48.0
86 65.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.65 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

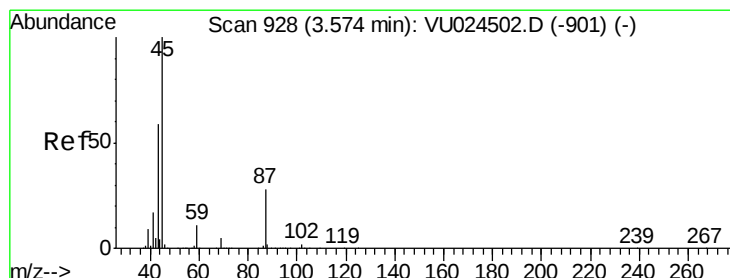
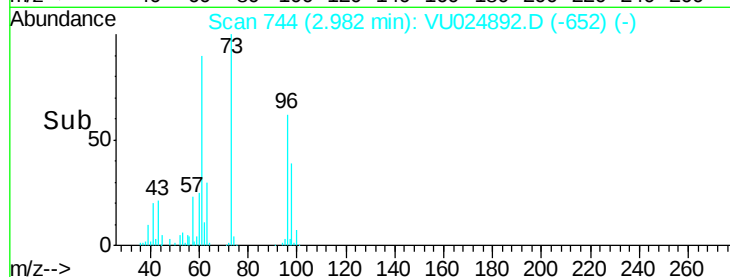
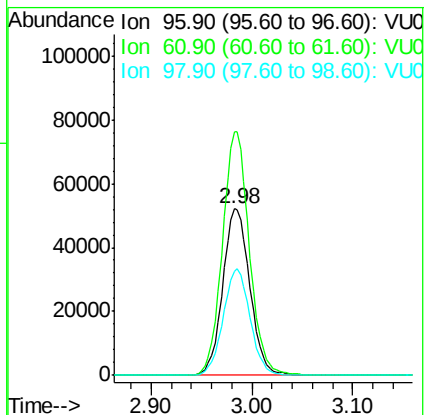
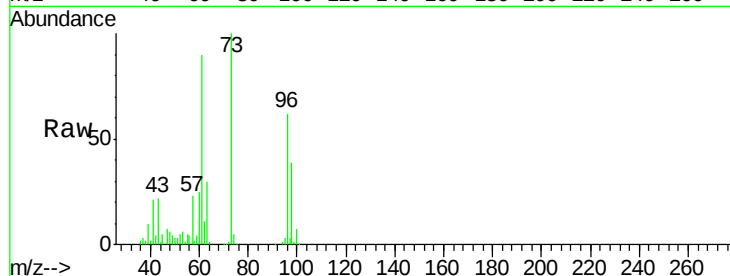
Tot Ion: 96 Resp: 97931

Ion Ratio Lower Upper

96 100

61 146.5 119.4 179.0

98 62.9 51.1 76.7



#22

Diisopropyl ether

Concen: 49.47 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Tgt Ion: 45 Resp: 354640

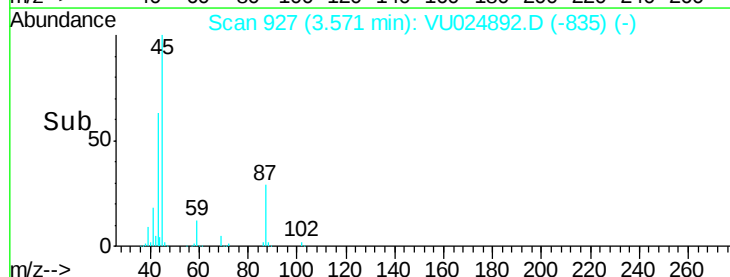
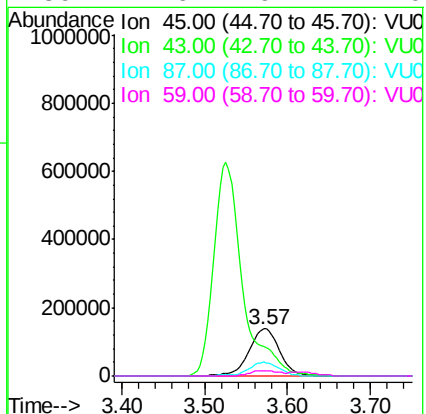
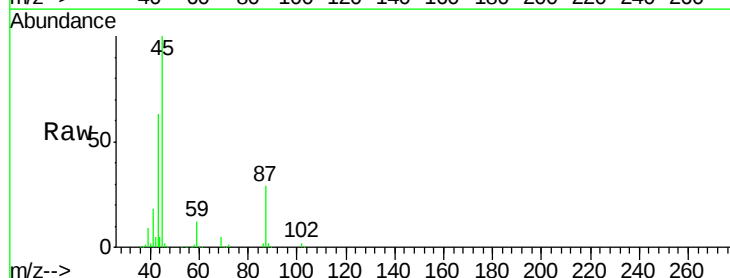
Ion Ratio Lower Upper

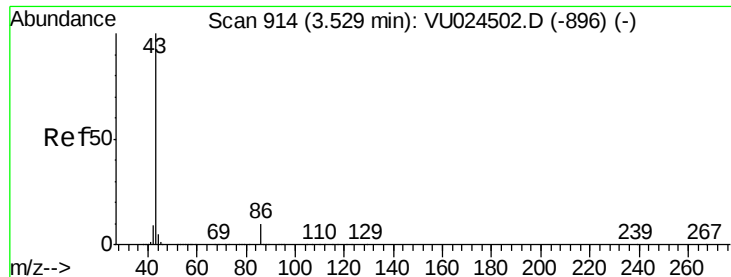
45 100

43 62.2 45.8 68.6

87 28.8 20.6 31.0

59 11.6 9.4 14.0





#23

Vinyl Acetate

Concen: 236.24 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

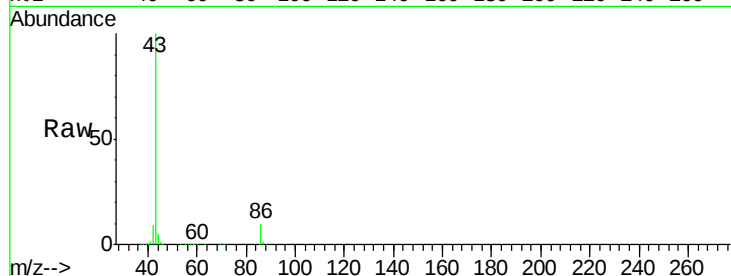
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1517018

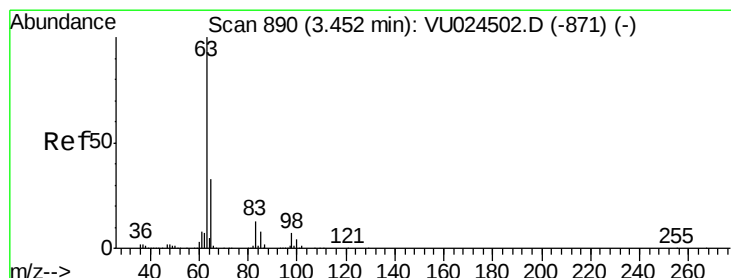
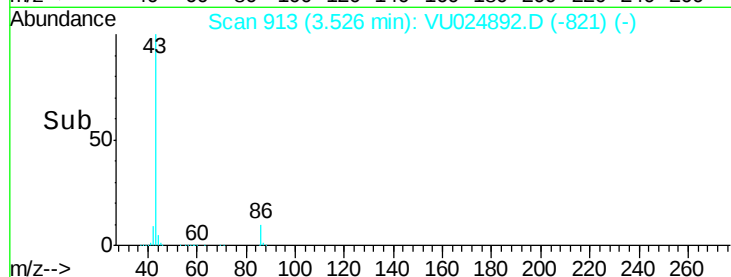
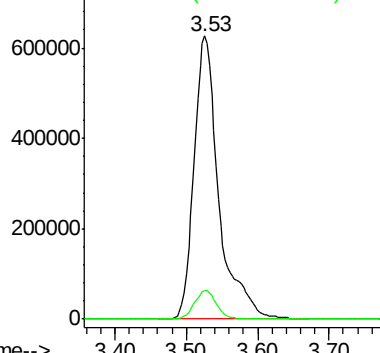
Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 48.54 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

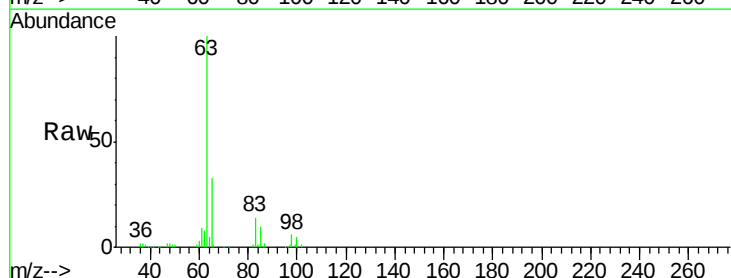
Tgt Ion: 63 Resp: 200188

Ion Ratio Lower Upper

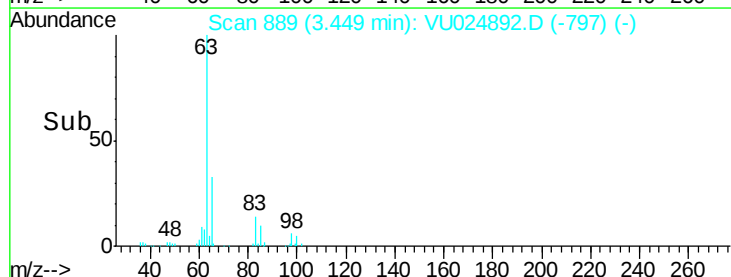
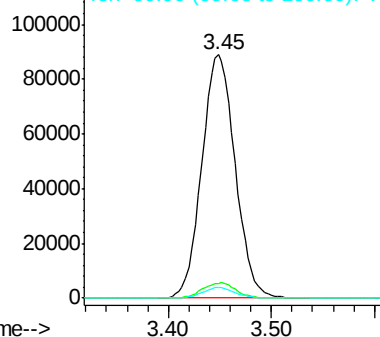
63 100

98 6.1 3.5 10.4

100 4.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 97.90 (97.60 to 98.60): VU0
Ion 99.90 (99.60 to 100.60): VU0

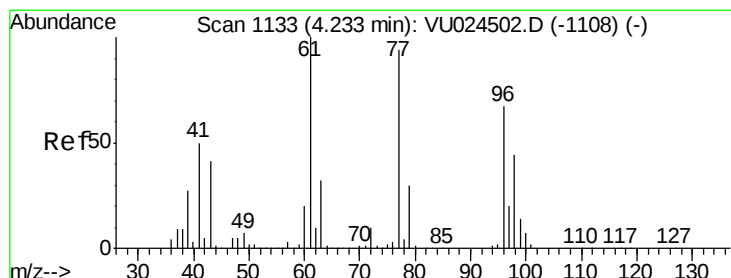
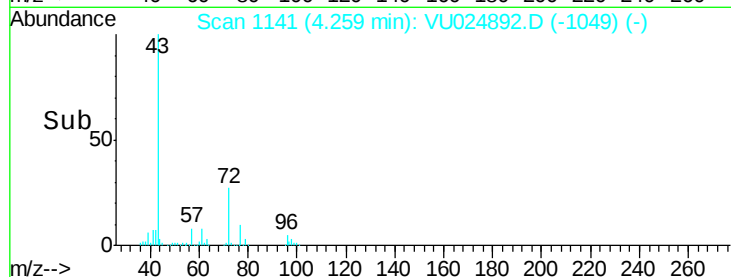
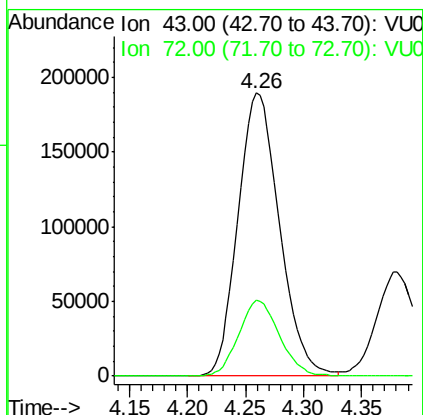
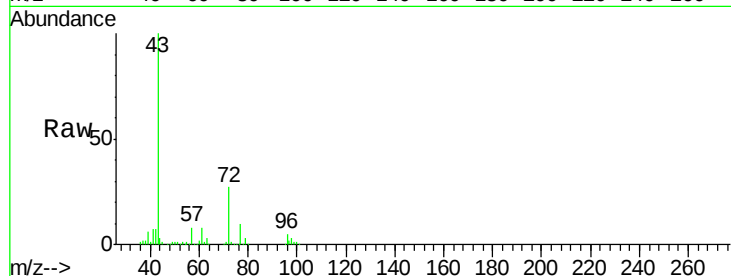




#25
2-Butanone
Concen: 233.96 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

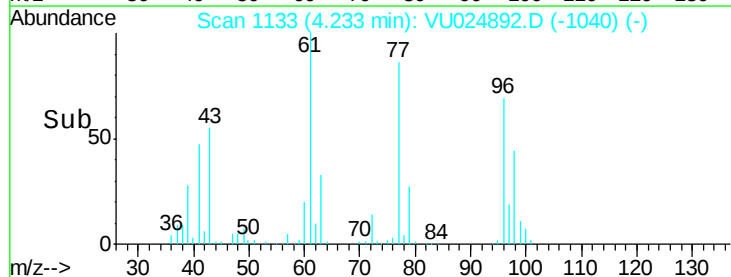
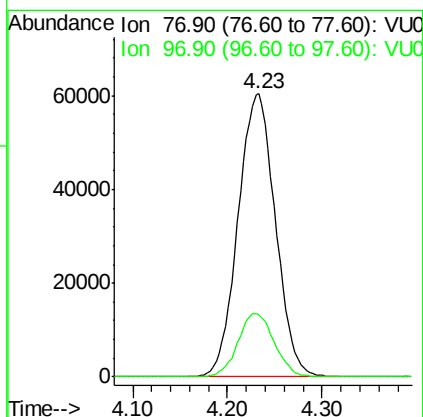
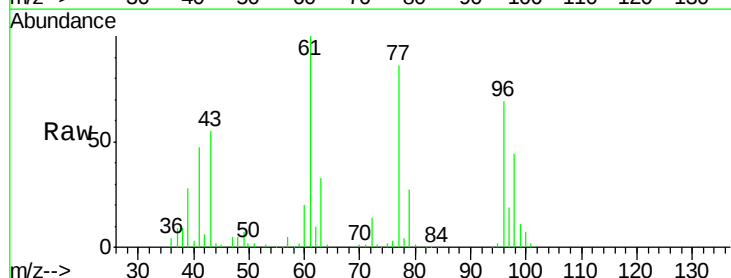
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 471495
Ion Ratio Lower Upper
43 100
72 26.6 19.6 29.4



#26
2,2-Dichloropropane
Concen: 42.31 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 77 Resp: 165682
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.8

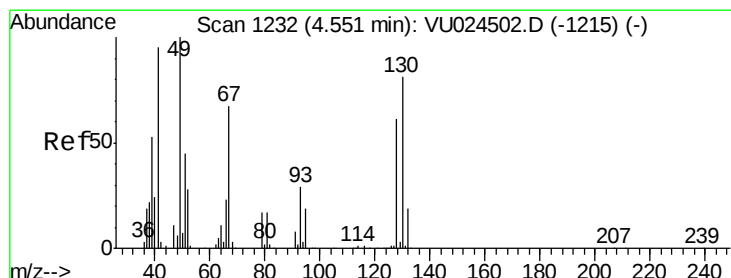
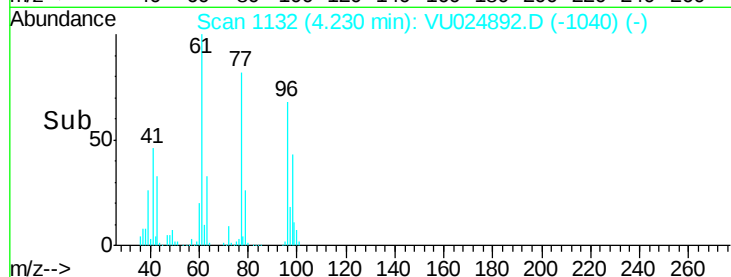
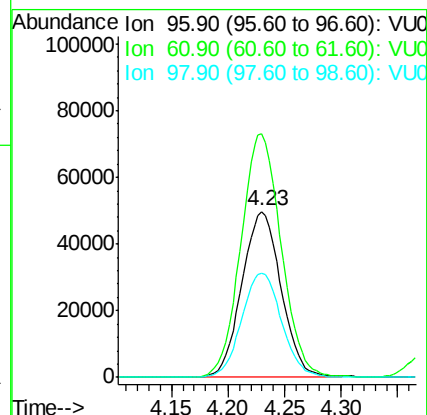
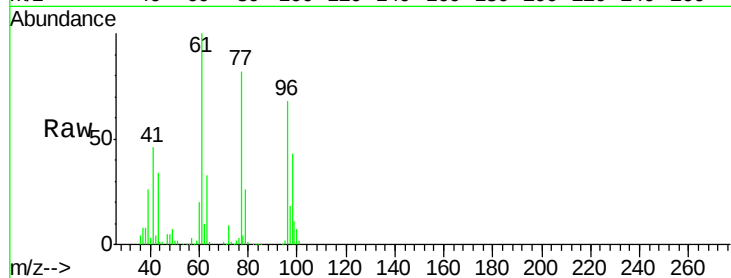




#27
 cis-1,2-Dichloroethene
 Concen: 48.73 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

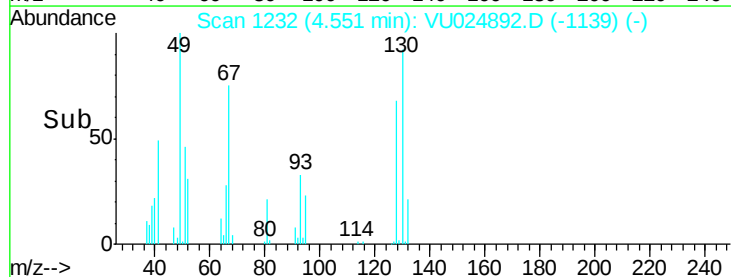
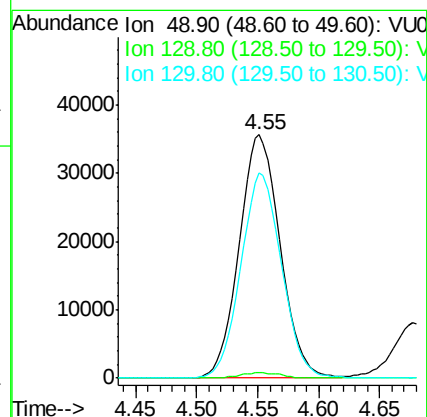
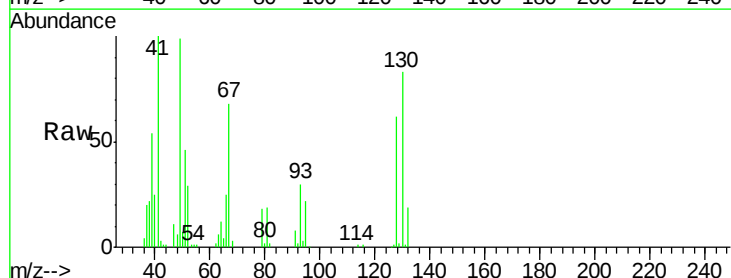
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	96	Resp	120182
Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	306.6
98	64.2	0.0	128.8



#28
 Bromochloromethane
 Concen: 45.67 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion	49	Resp	82961
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	83.5	57.8	86.6

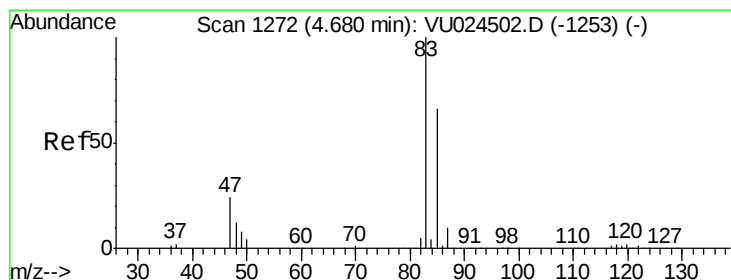
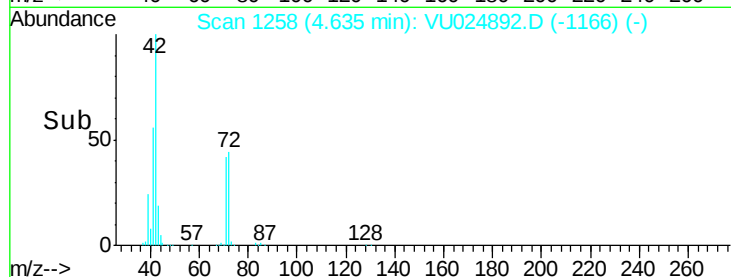
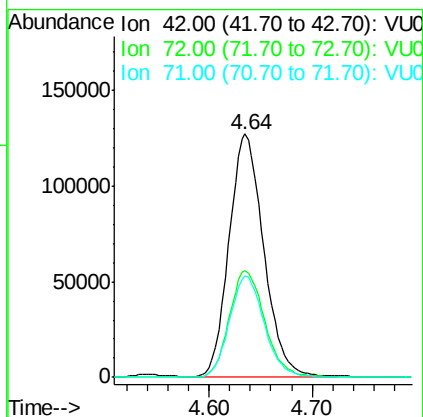
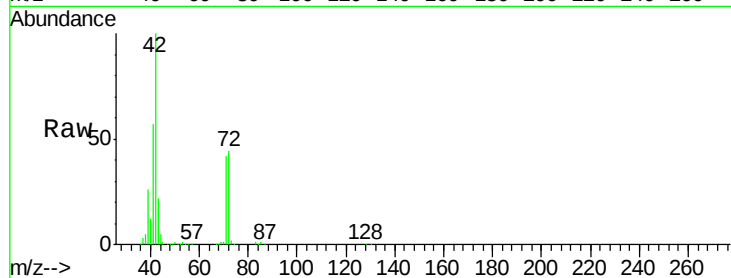




#29
Tetrahydrofuran
Concen: 237.84 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

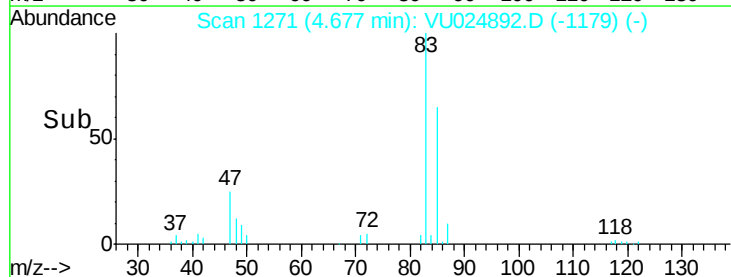
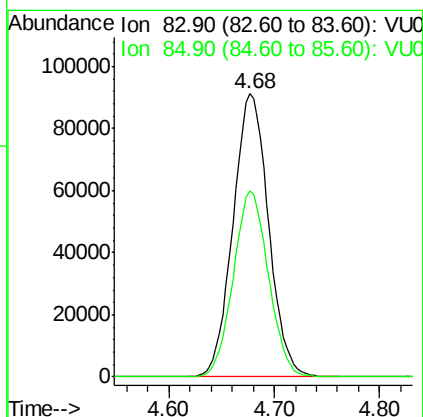
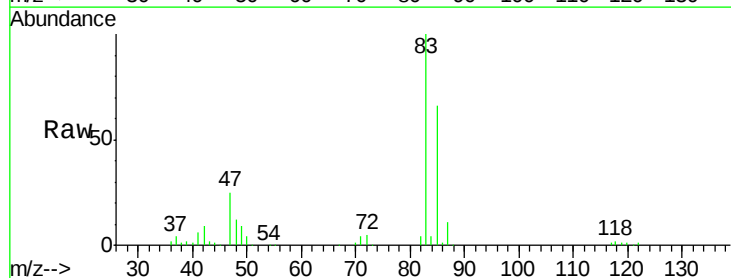
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 42 Resp: 296828
Ion Ratio Lower Upper
42 100
72 45.1 34.5 51.7
71 41.9 32.2 48.4



#30
Chloroform
Concen: 51.00 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 83 Resp: 212889
Ion Ratio Lower Upper
83 100
85 65.6 52.4 78.6

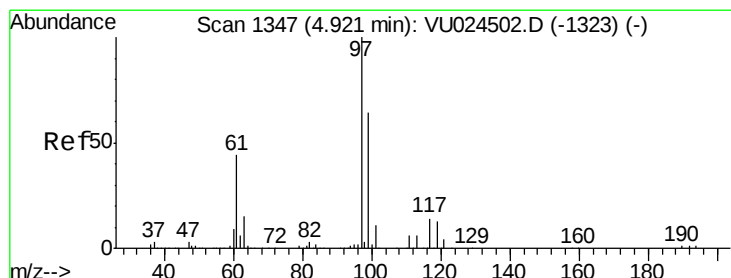
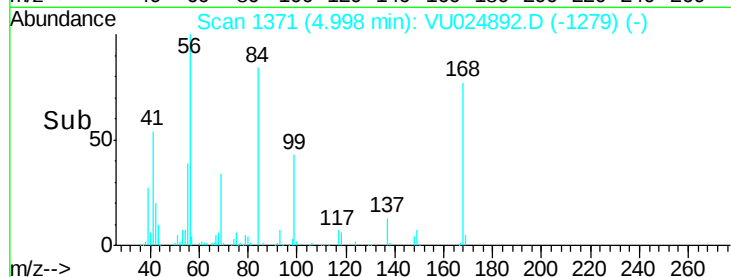
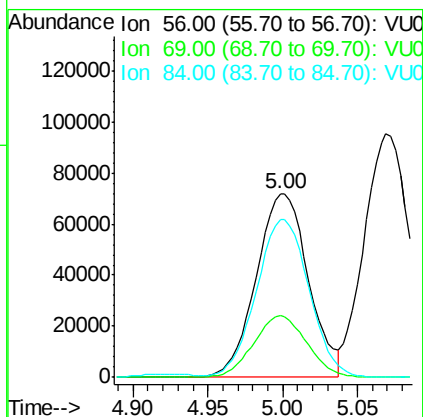
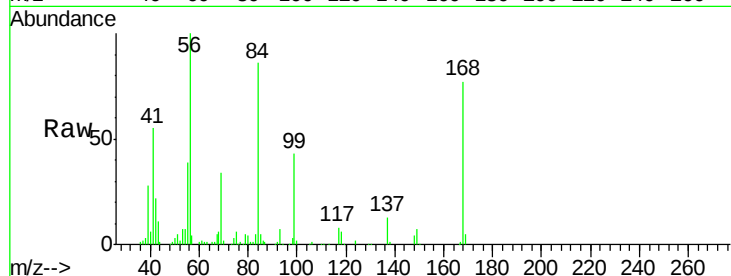




#31
Cyclohexane
Concen: 47.49 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

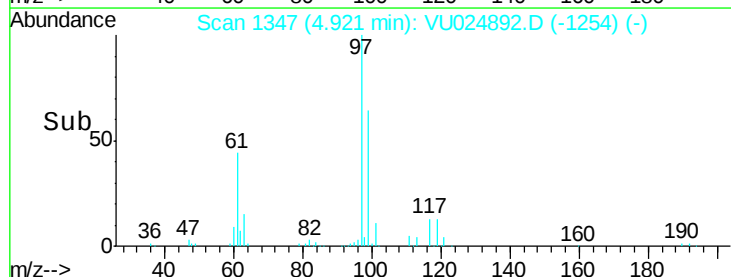
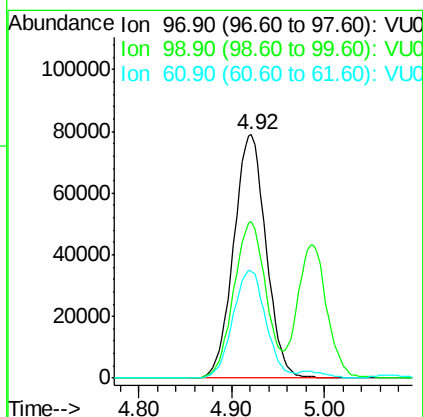
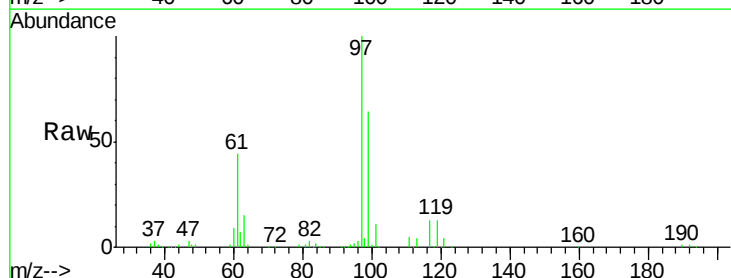
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 174268
Ion Ratio Lower Upper
56 100
69 34.0 24.8 37.2
84 84.2 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 49.50 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 97 Resp: 191051
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.6
61 45.0 39.4 59.0





#33

1,2-Dichloroethane-d4

Concen: 48.67 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

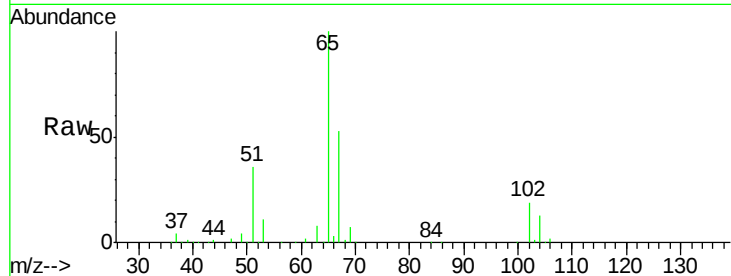
ClientSampleId :

Tot Ion: 65 Resp: 135902

Ion Ratio Lower Upper

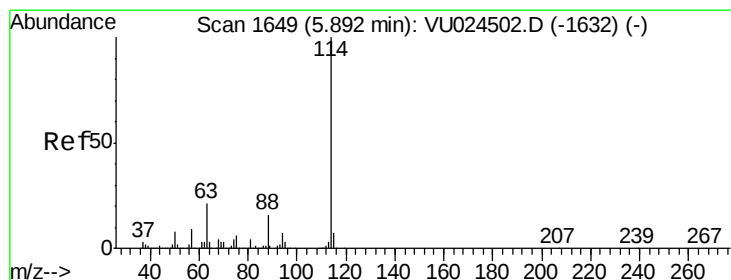
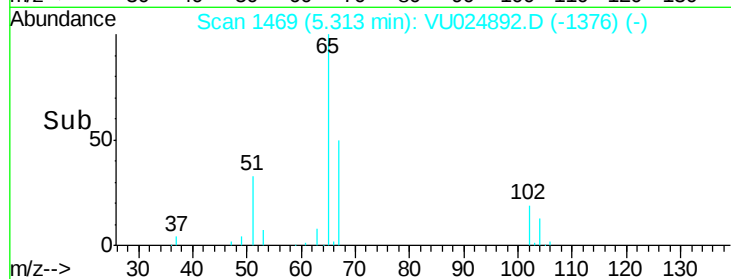
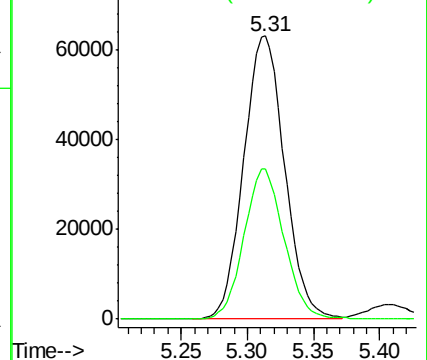
65 100

67 52.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

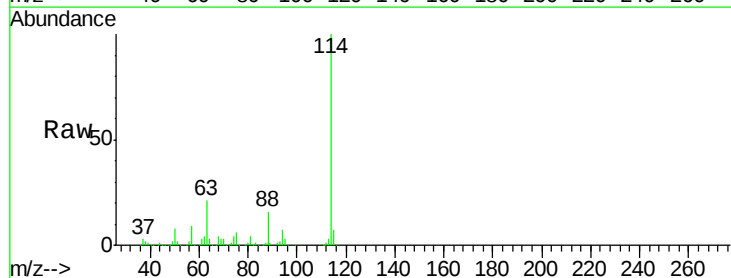
Tgt Ion: 114 Resp: 268587

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.4

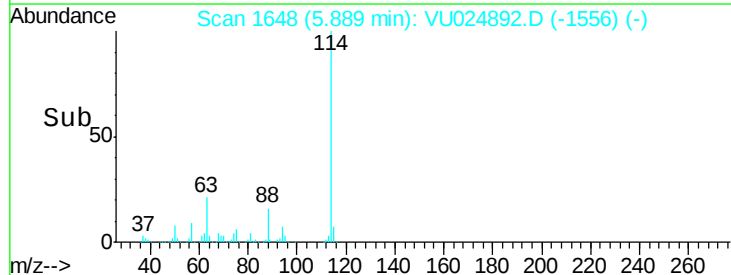
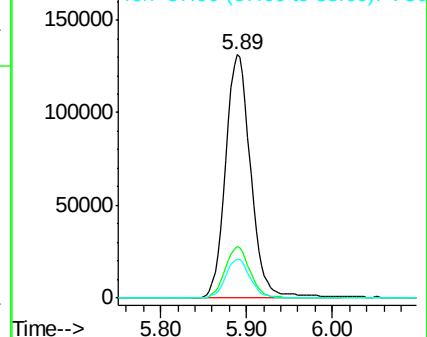
88 16.1 0.0 31.0

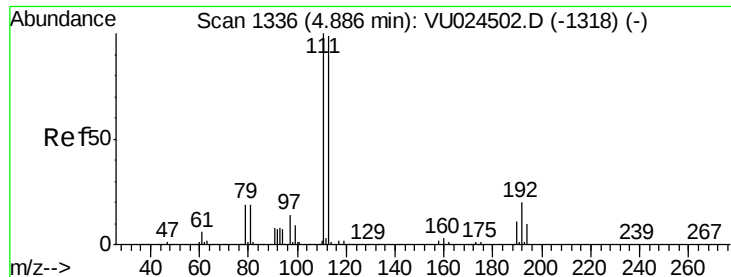


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

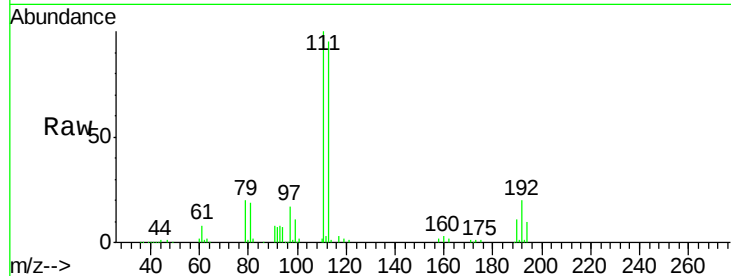




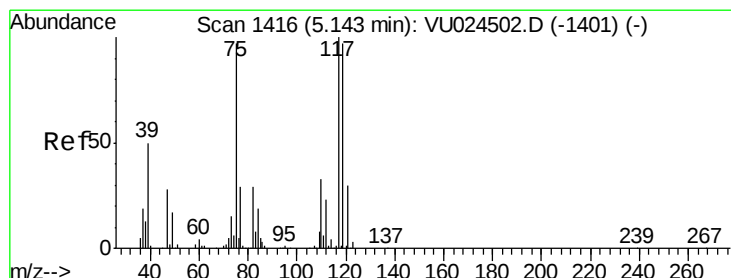
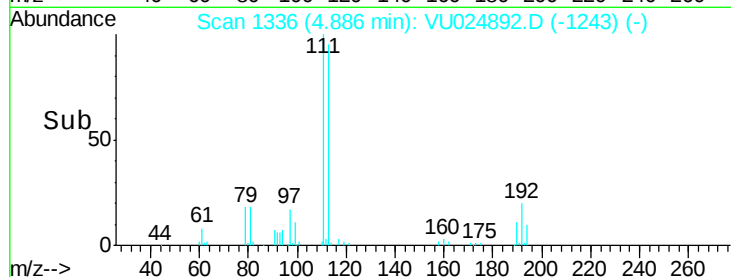
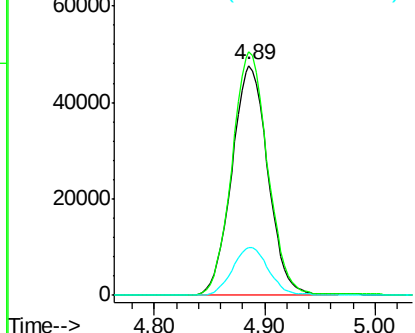
#35
Dibromofluoromethane
Concen: 48.35 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.2	123.4
192	20.9	16.2	24.4

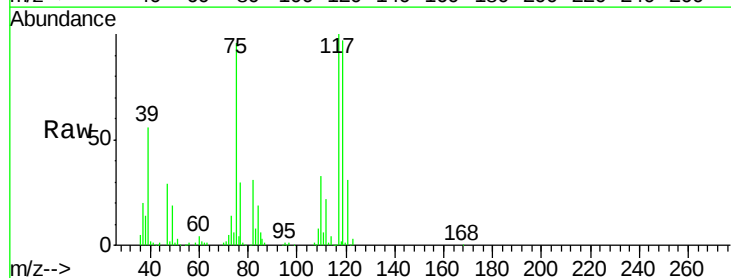


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

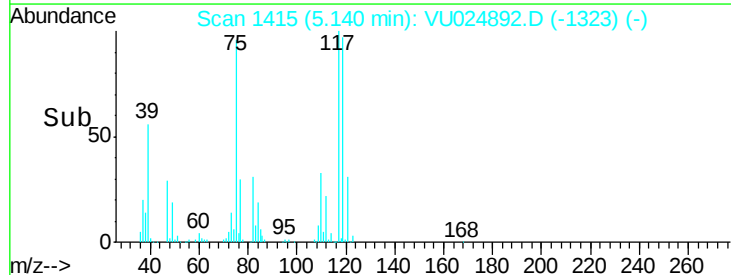
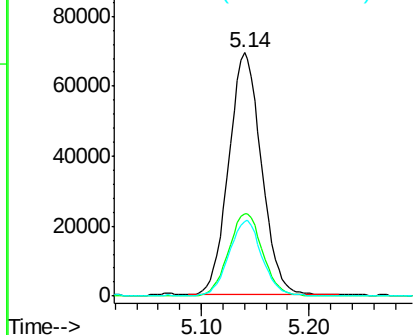


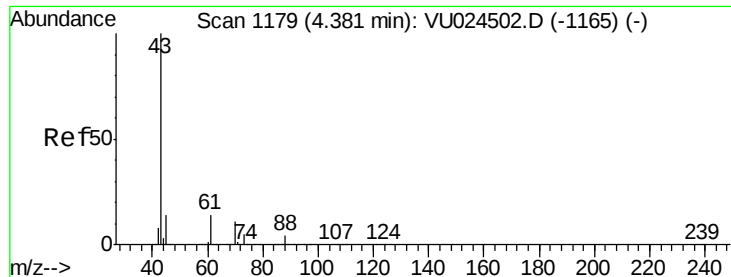
#36
1,1-Dichloropropene
Concen: 46.51 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.0	50.9
77	31.0	24.2	36.4



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0

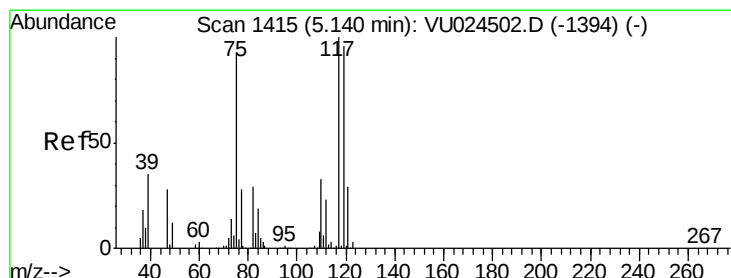
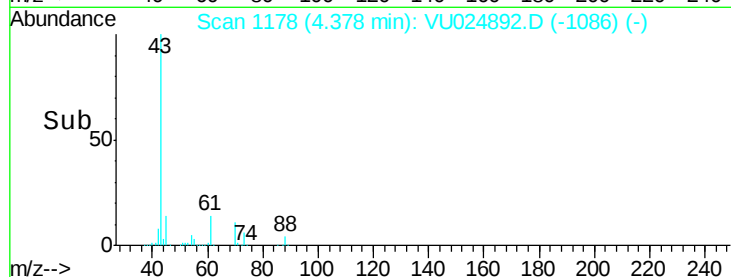
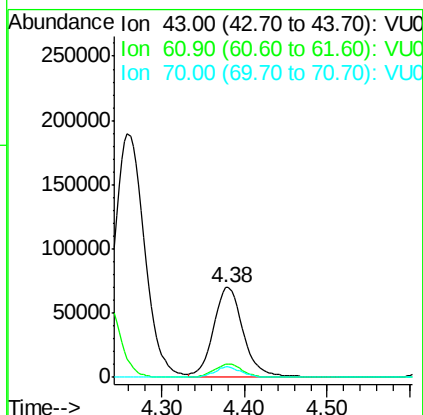
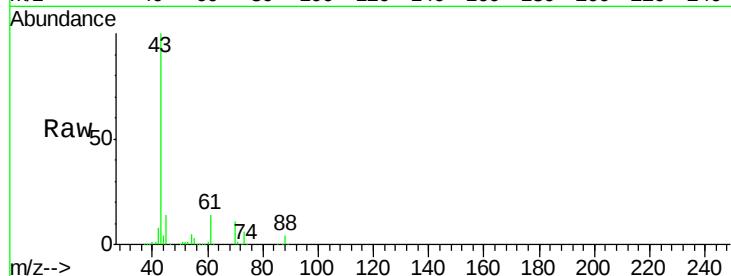




#37
Ethyl Acetate
Concen: 50.32 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

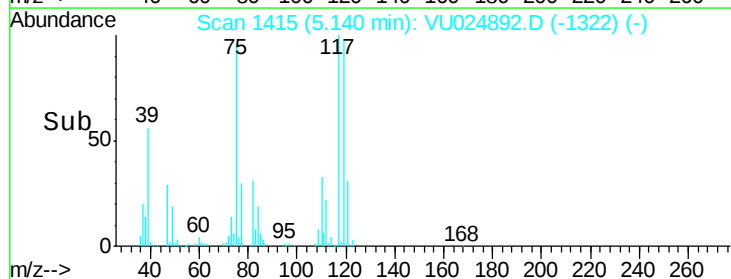
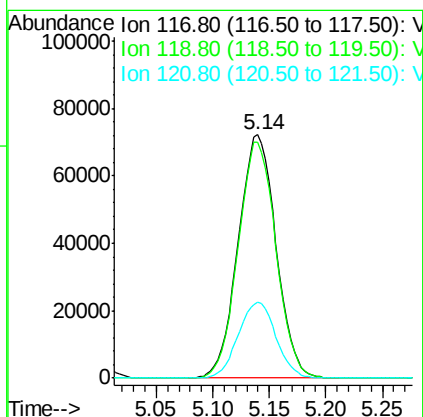
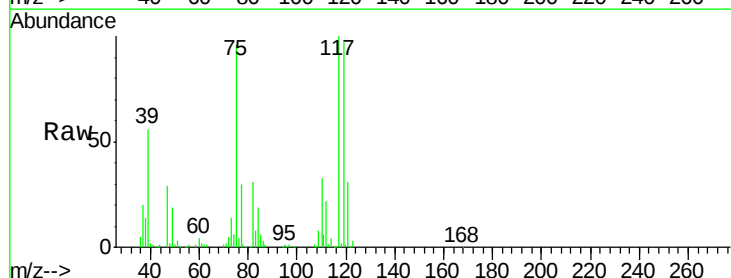
Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.5	15.7
70	10.6	7.4	11.2



#38
Carbon Tetrachloride
Concen: 48.43 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.1	114.1
121	31.2	23.7	35.5

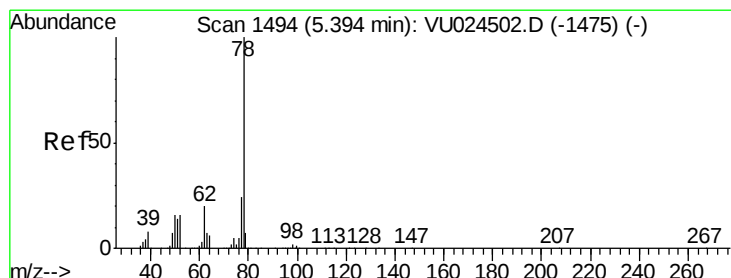
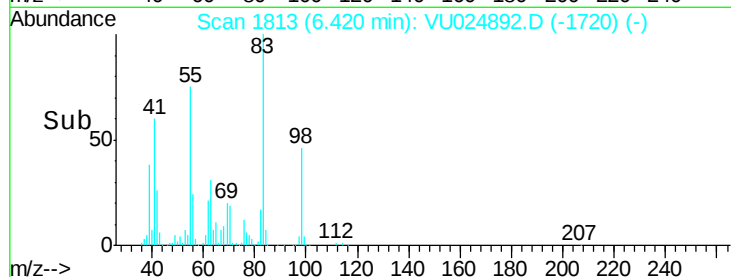
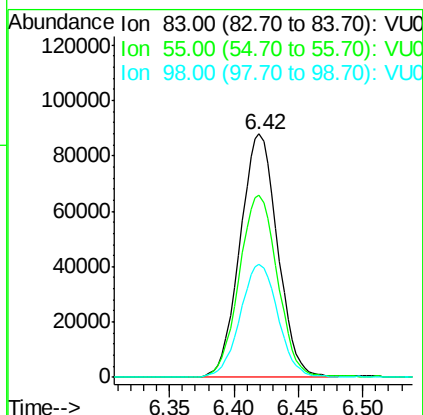
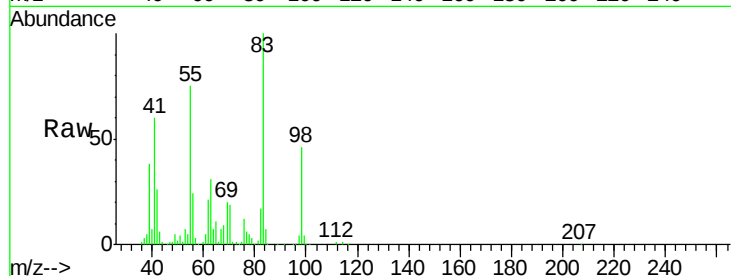




#39
Methvlcvclohexane
Concen: 45.29 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

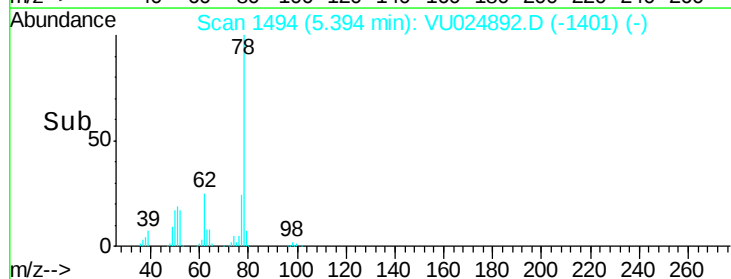
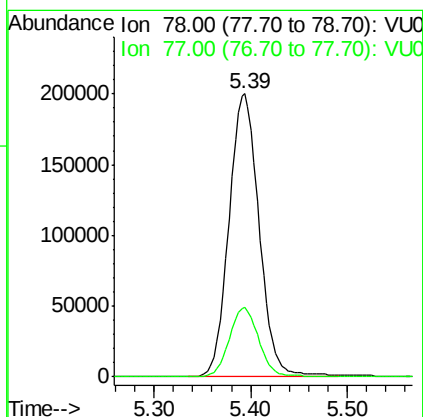
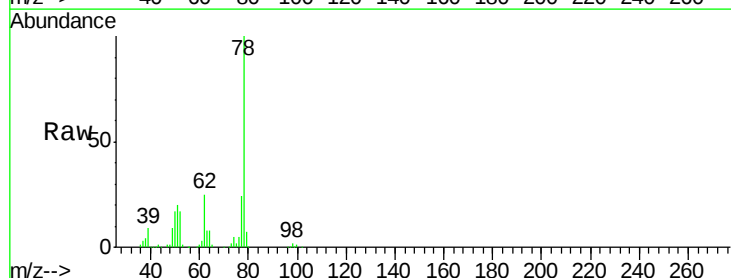
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 178386
Ion Ratio Lower Upper
83 100
55 74.8 65.8 98.6
98 46.4 36.7 55.1



#40
Benzene
Concen: 48.19 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 78 Resp: 433378
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8

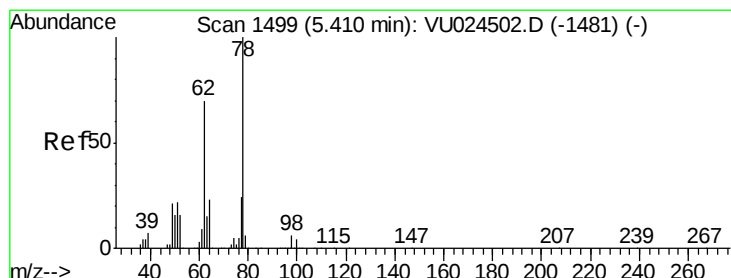
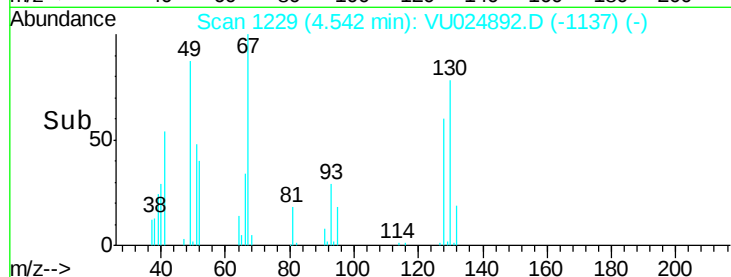
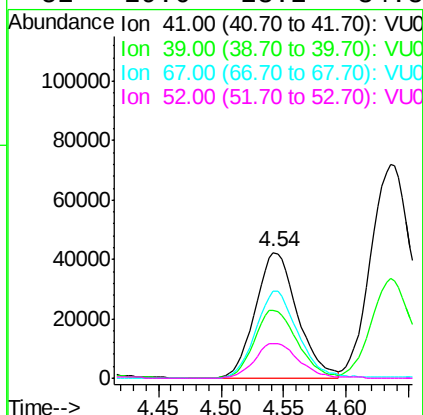
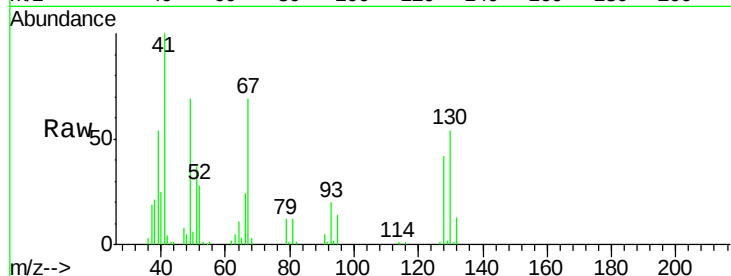




#41
Methacrylonitrile
Concen: 52.94 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

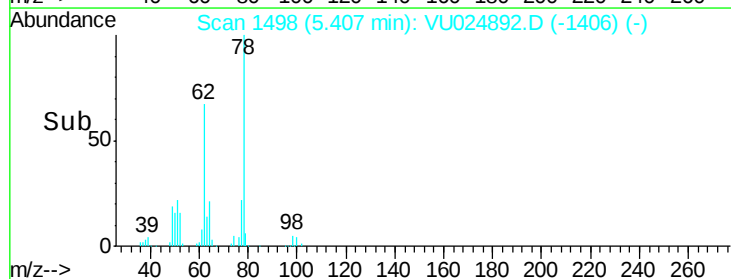
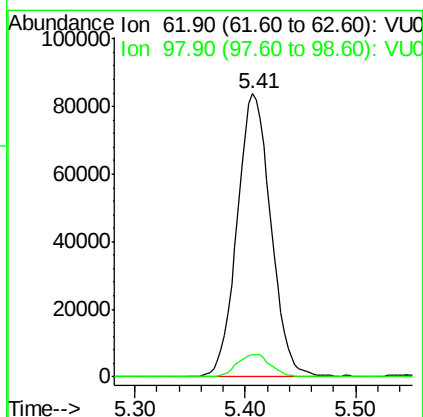
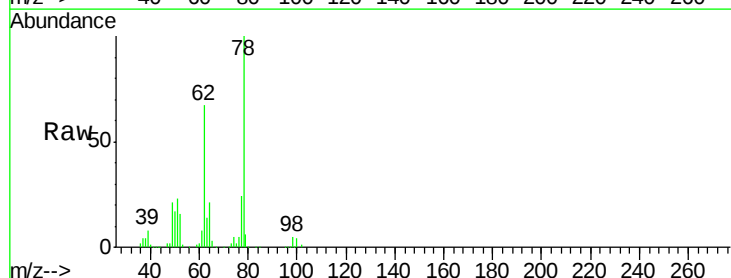
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	41	Resp:	98183
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.8	65.6
67	69.8	56.3	84.5
52	29.6	23.2	34.8



#42
1,2-Dichloroethane
Concen: 51.93 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion:	62	Resp:	177871
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 47.42 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampled :

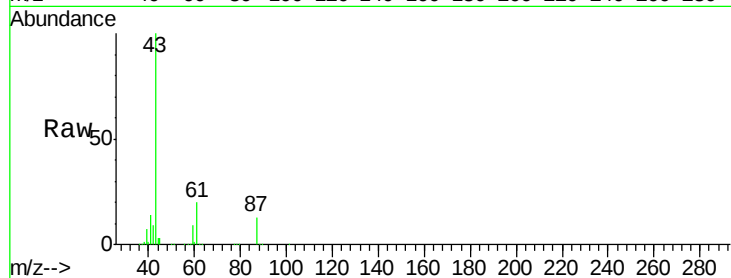
Tot Ion: 43 Resp: 281991

Ion Ratio Lower Upper

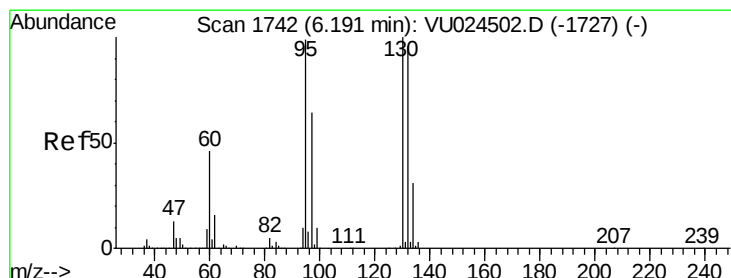
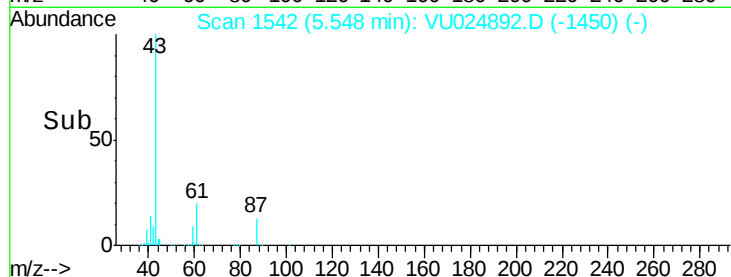
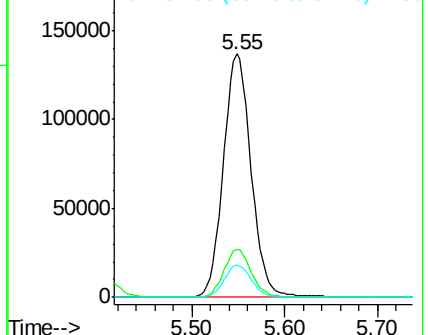
43 100

61 19.6 15.4 23.0

87 13.0 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0



#44

Trichloroethene

Concen: 46.93 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024892.D

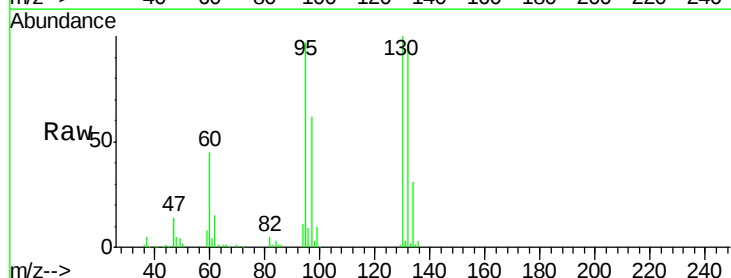
Acq: 25 Jun 2018 22:36

Tgt Ion: 130 Resp: 120122

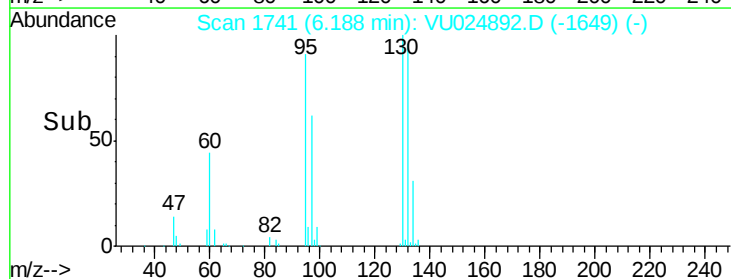
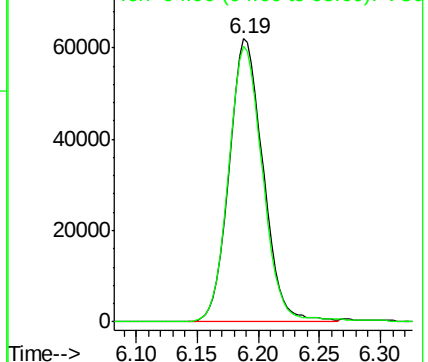
Ion Ratio Lower Upper

130 100

95 97.2 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

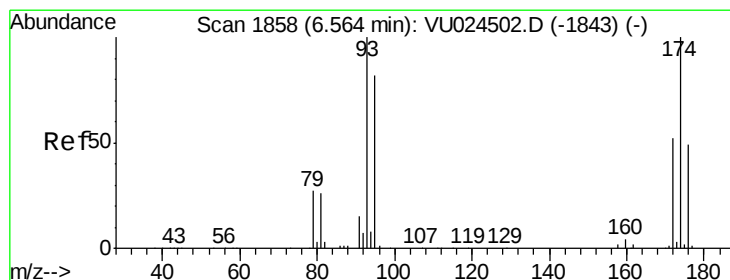
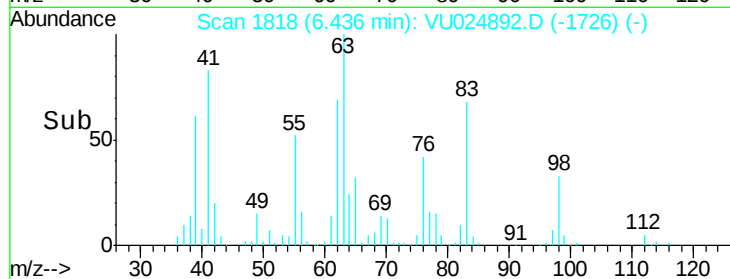
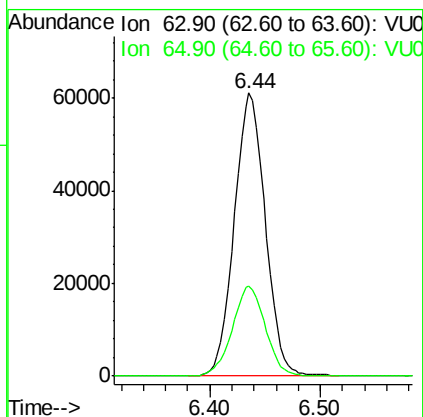
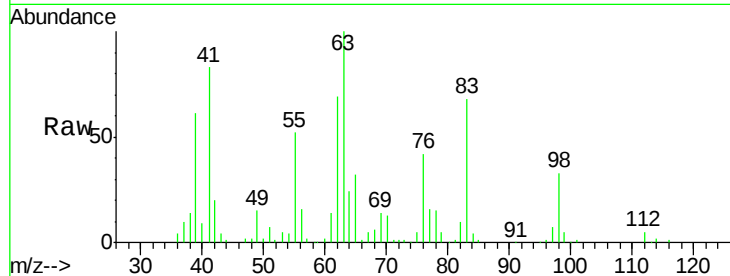




#45
 1,2-Dichloropropane
 Concen: 49.72 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

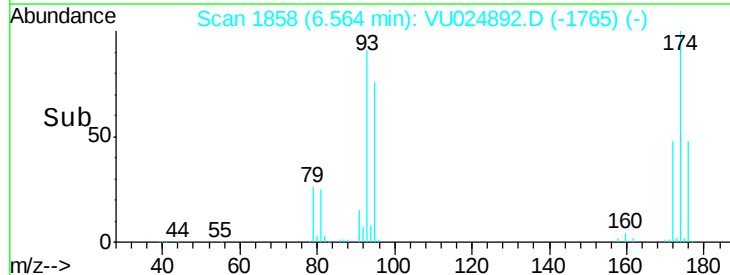
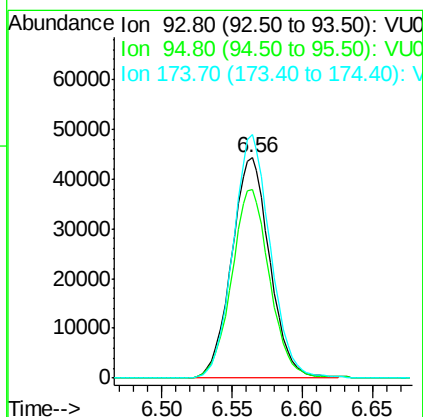
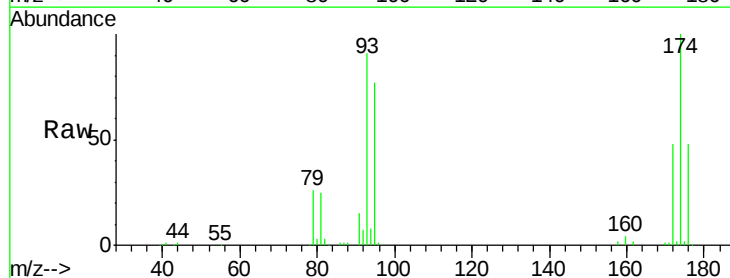
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 119301
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.8 37.2



#46
 Dibromomethane
 Concen: 49.72 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion: 93 Resp: 83811
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.5 98.3
 174 108.3 78.7 118.1





#47

Bromodichloromethane

Concen: 49.78 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampled :

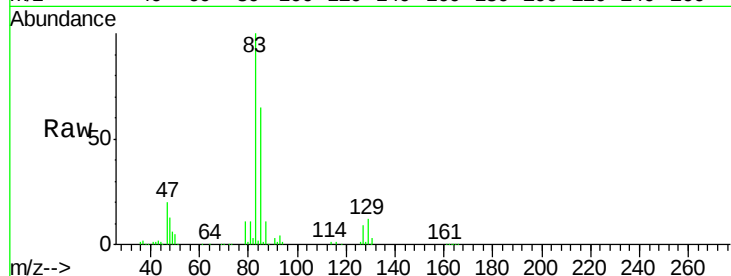
Tot Ion: 83 Resp: 167087

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9
127	9.2	6.6	9.8

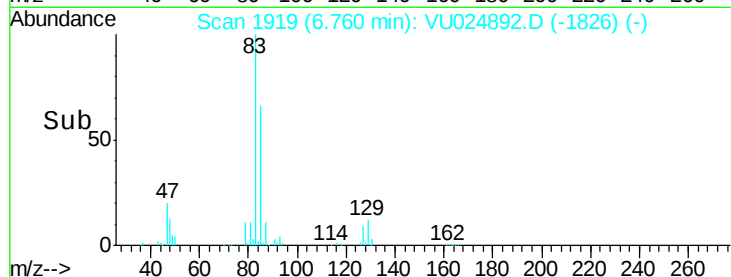
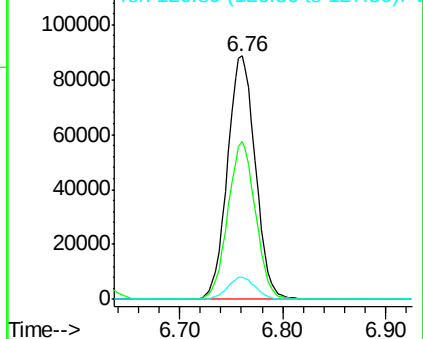
83 100

85 64.9 51.9 77.9

127 9.2 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: 49.73 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

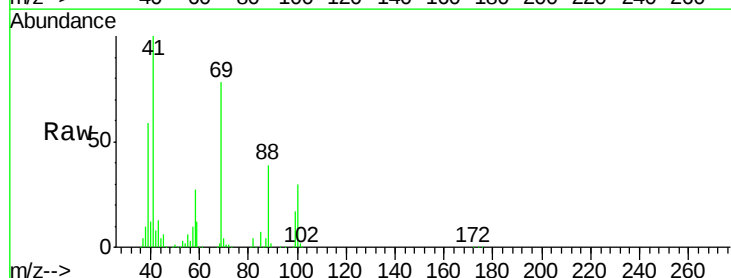
Tgt Ion: 41 Resp: 143997

Ion	Ratio	Lower	Upper
41	100		
69	81.9	67.3	100.9
39	59.8	46.5	69.7

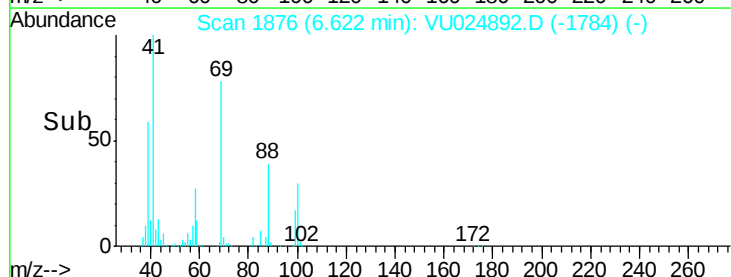
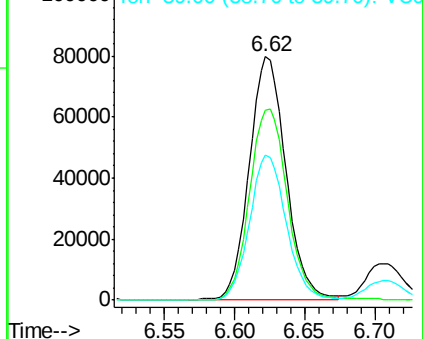
41 100

69 81.9 67.3 100.9

39 59.8 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

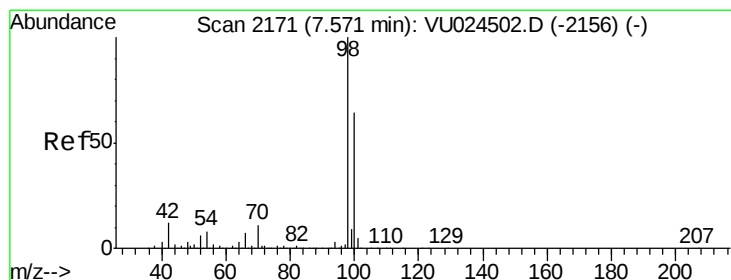
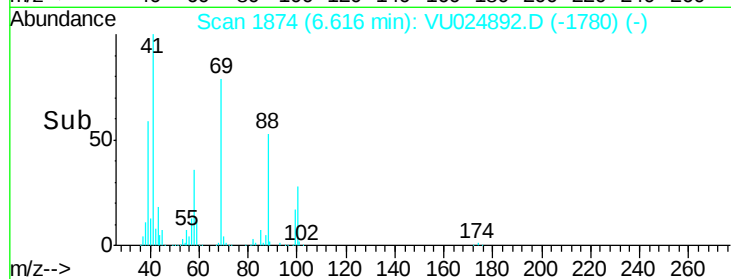
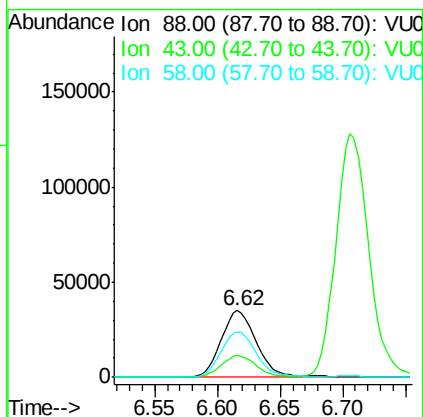
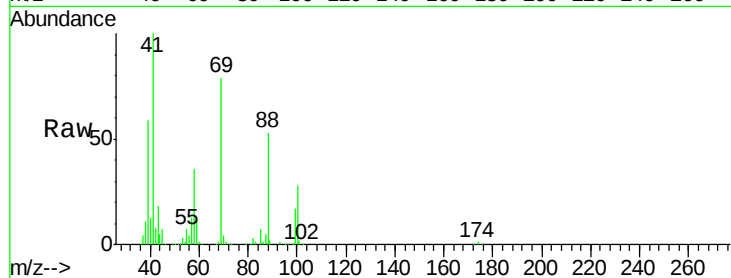




#49
 1,4-Dioxane
 Concen: 1200.05 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

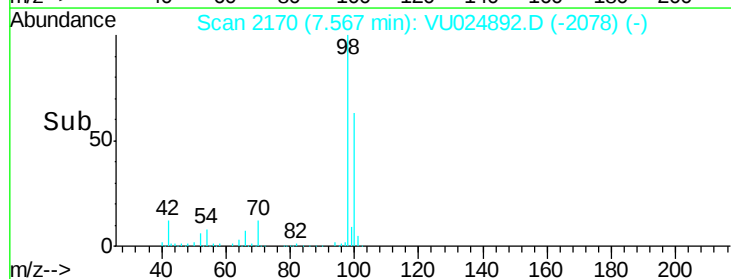
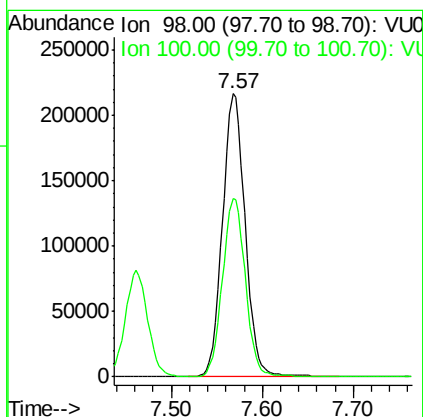
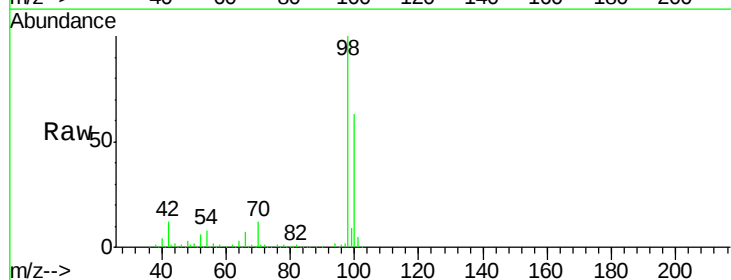
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 88 Resp: 67950
 Ion Ratio Lower Upper
 88 100
 43 32.6 28.6 42.8
 58 69.4 58.2 87.4



#50
 Toluene-d8
 Concen: 46.25 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion: 98 Resp: 376059
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.1 76.7

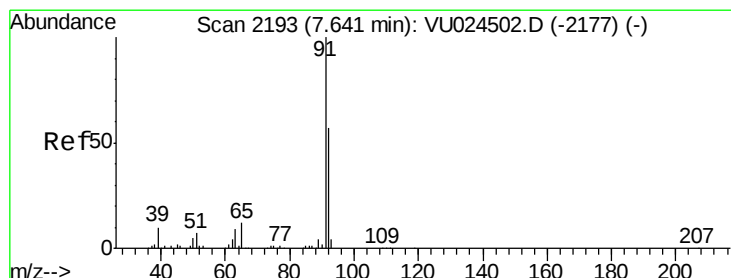
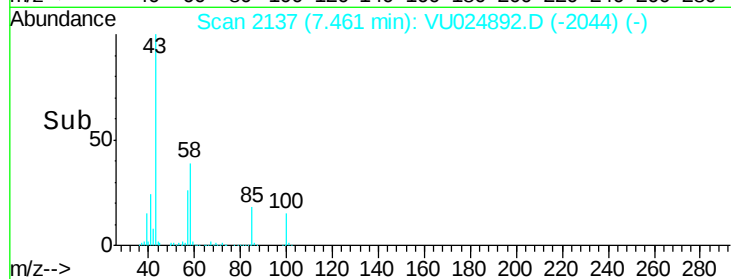
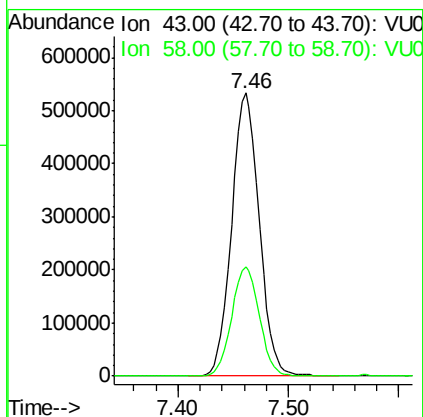
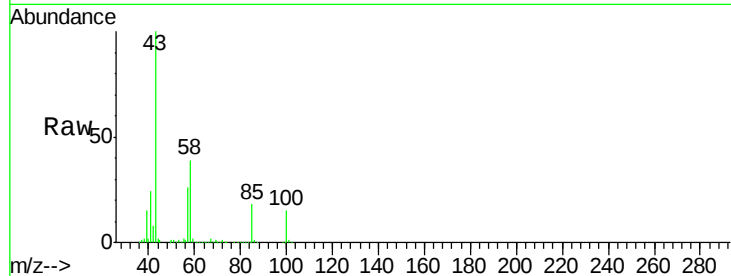




#51
 4-Methyl-2-Pentanone
 Concen: 247.45 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

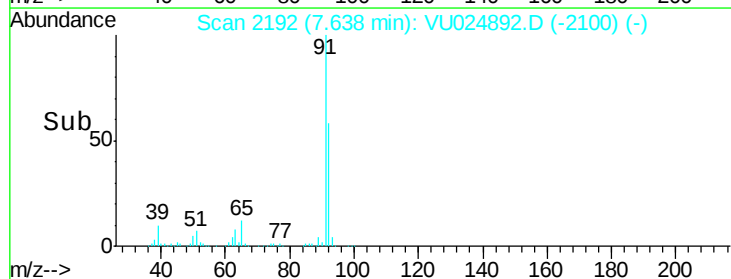
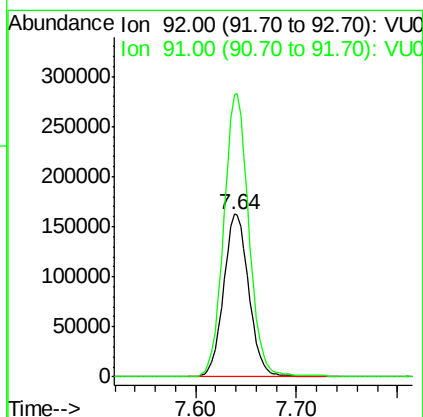
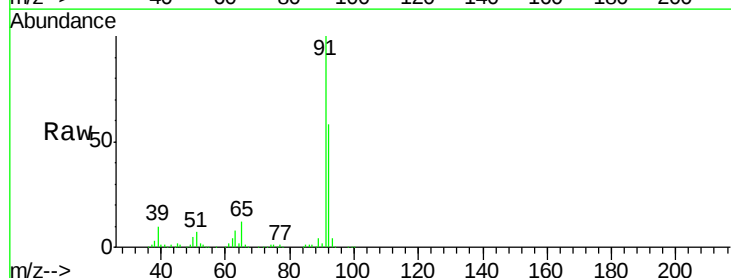
Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 924371
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.0 45.0



#52
 Toluene
 Concen: 49.33 ug/l
 RT: 7.64 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion: 92 Resp: 285395
 Ion Ratio Lower Upper
 92 100
 91 172.6 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 47.10 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

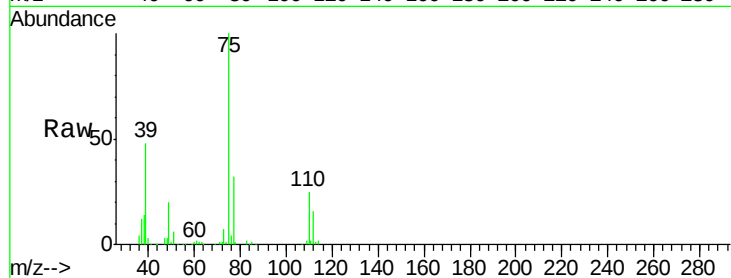
ClientSampleId :

Tot Ion: 75 Resp: 177531

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

120000

100000

80000

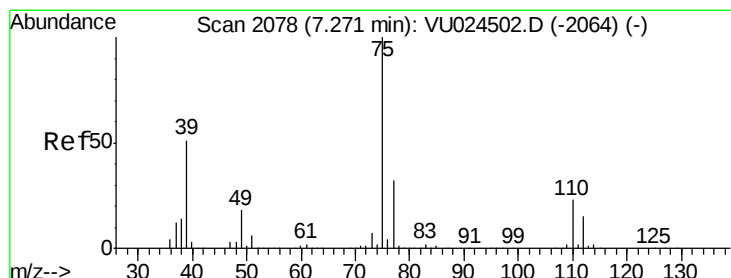
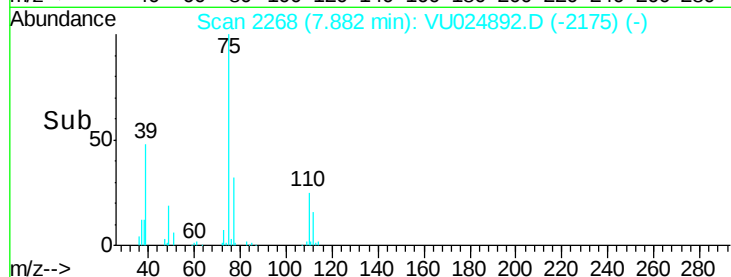
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#54

cis-1,3-Dichloropropene

Concen: 46.42 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

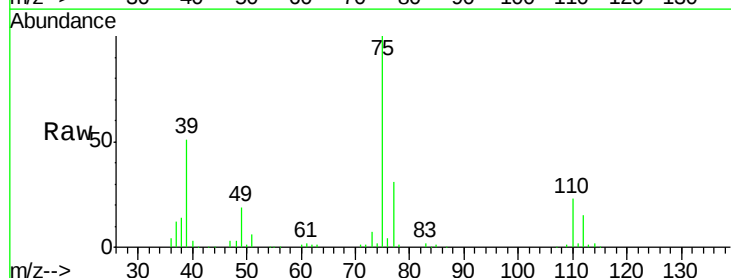
Tgt Ion: 75 Resp: 186437

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 50.8 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

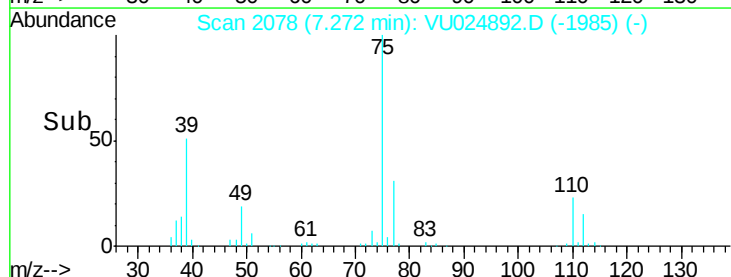
7.27

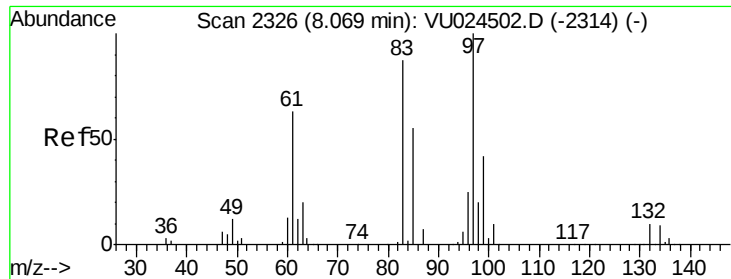
100000

50000

0

Time--> 7.20 7.25 7.30 7.35

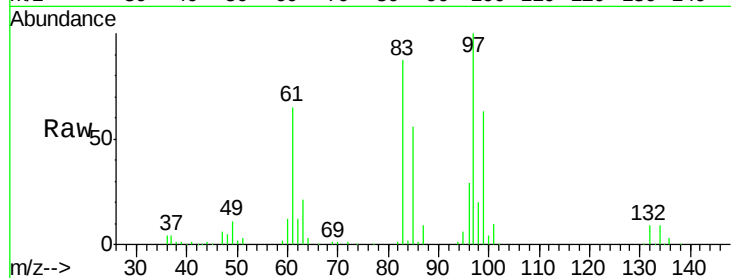




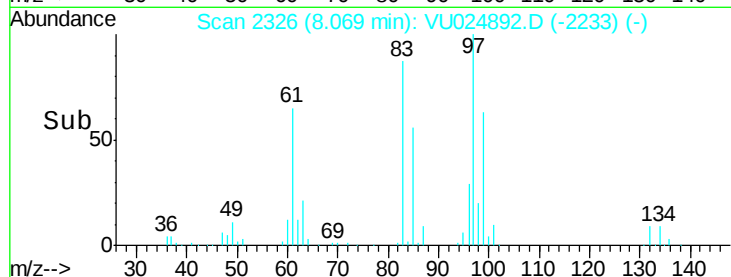
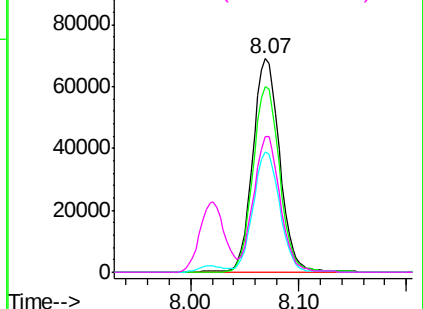
#55
 1,1,2-Trichloroethane
 Concen: 50.89 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	97	Resp:	119693
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.5	105.7
85	55.9	46.4	69.6
99	63.0	50.2	75.2

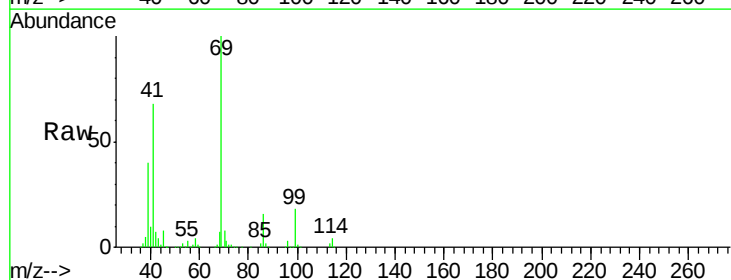


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

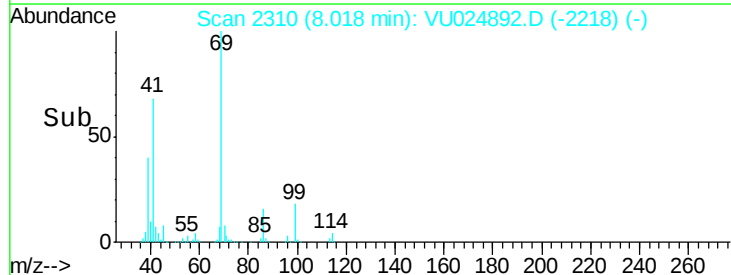
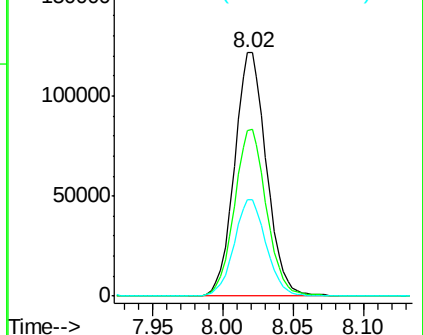


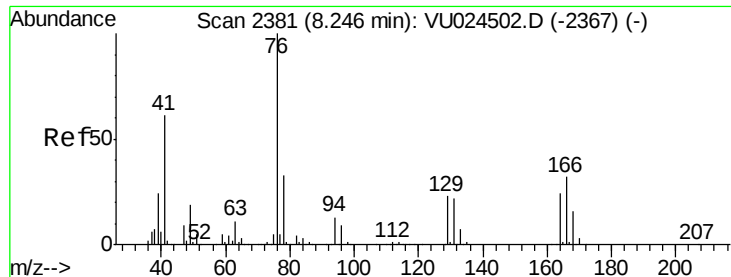
#56
 Ethyl methacrylate
 Concen: 49.03 ug/l
 RT: 8.02 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion:	69	Resp:	193004
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.1	81.1
39	39.7	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: 50.91 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

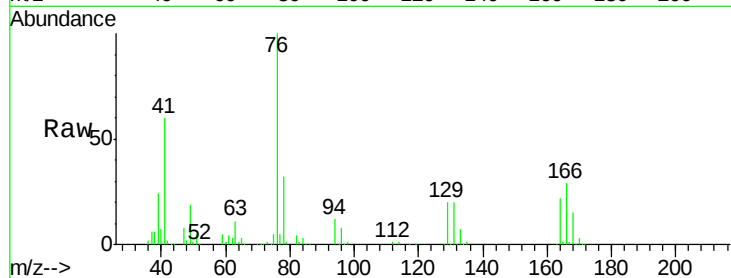
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 76 Resp: 201985

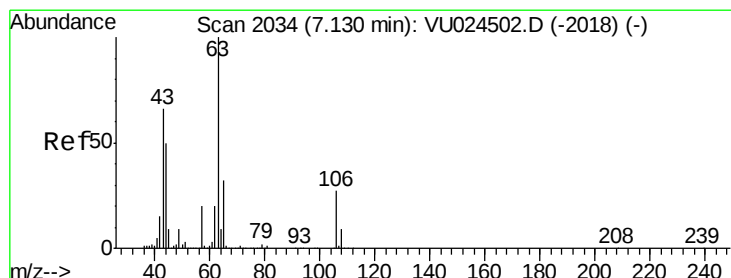
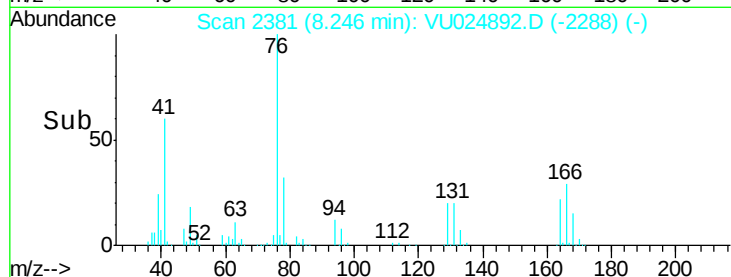
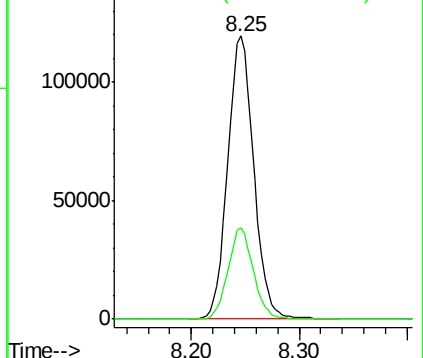
Ion Ratio Lower Upper

76 100

78 31.3 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VU0
Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 35.63 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024892.D

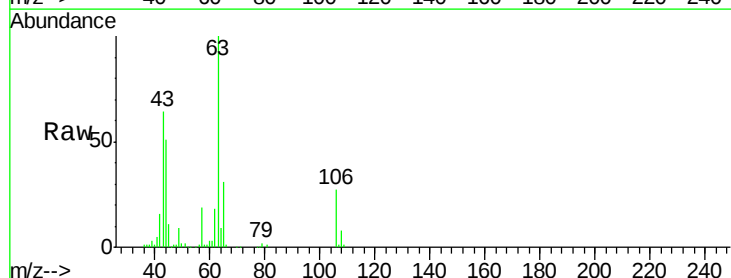
Acq: 25 Jun 2018 22:36

Tgt Ion: 63 Resp: 53735

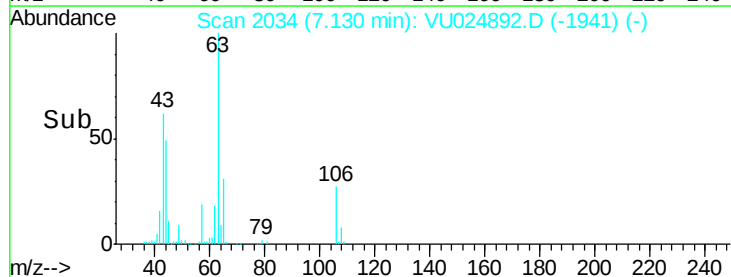
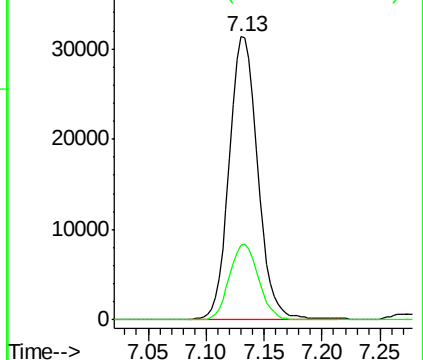
Ion Ratio Lower Upper

63 100

106 26.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 105.90 (105.60 to 106.60): V

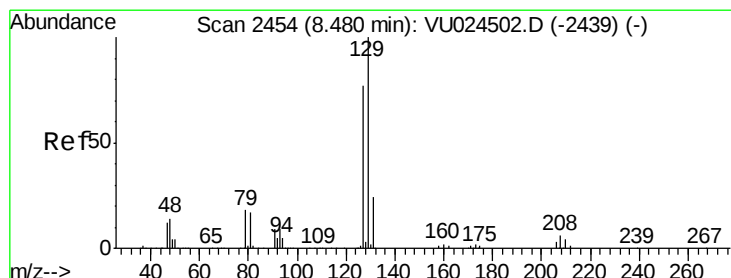
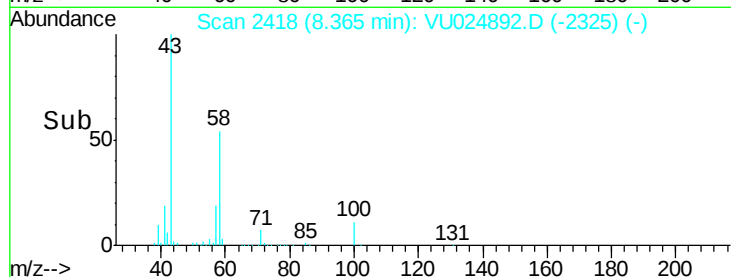
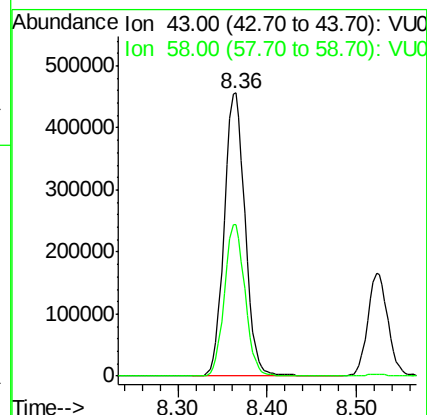
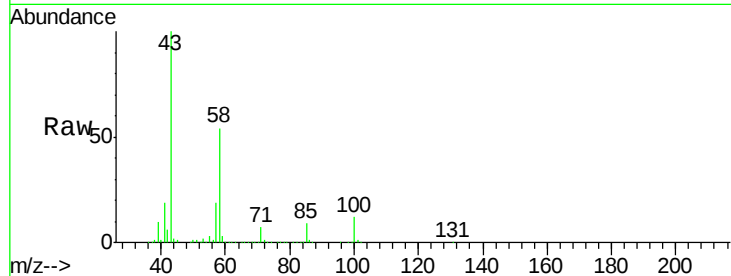




#59
2-Hexanone
Concen: 241.85 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

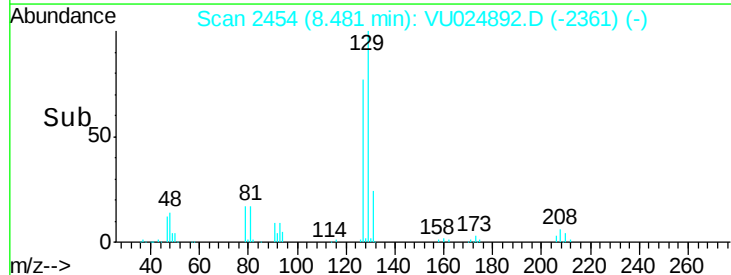
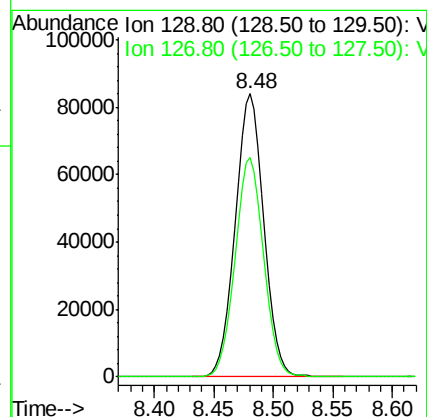
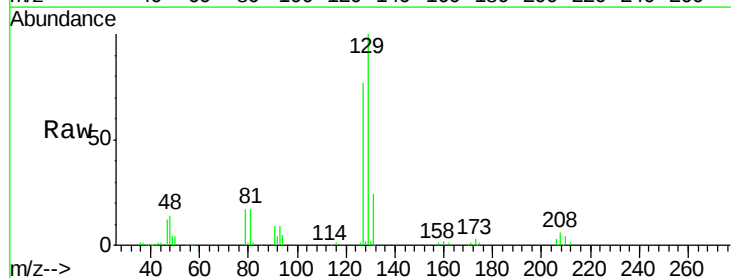
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 737598
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0



#60
Dibromochloromethane
Concen: 47.59 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 129 Resp: 139564
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.35 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

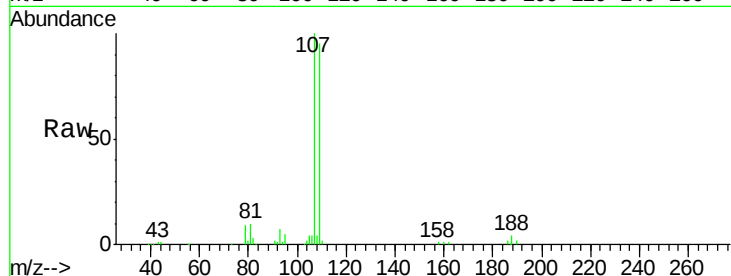
ClientSampleId :

Tot Ion:107 Resp: 129194

Ion Ratio Lower Upper

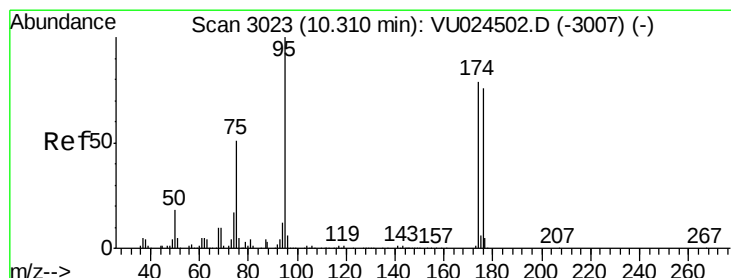
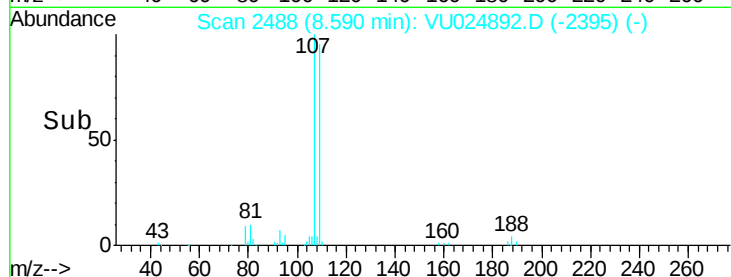
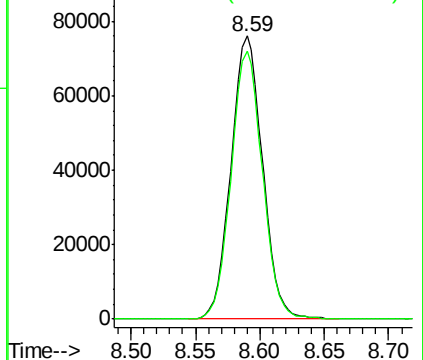
107 100

109 94.3 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.31 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

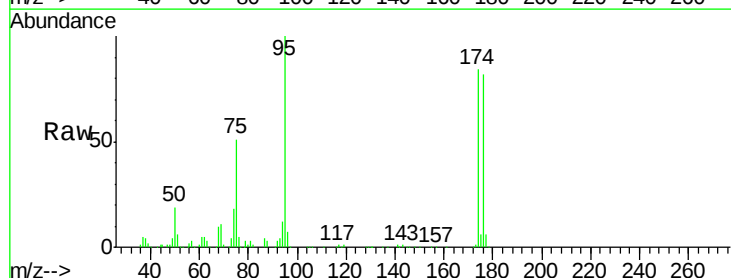
Tgt Ion: 95 Resp: 155946

Ion Ratio Lower Upper

95 100

174 83.2 0.0 165.8

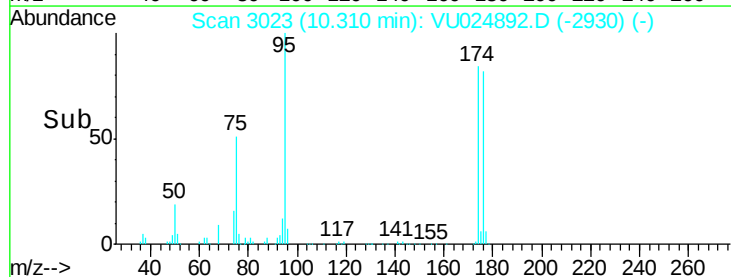
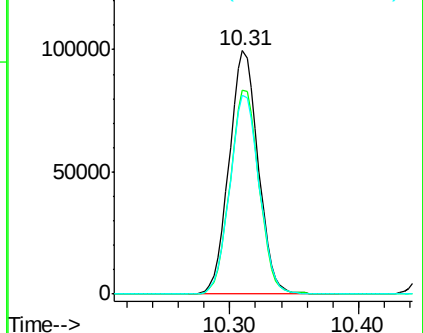
176 82.4 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

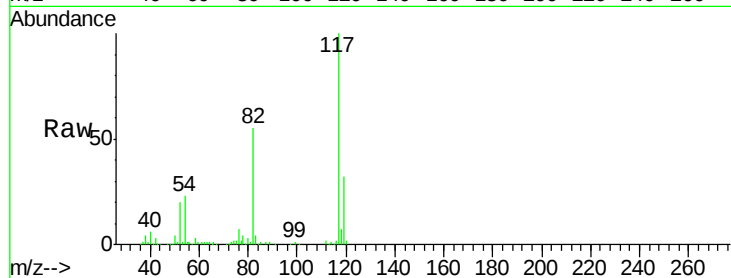




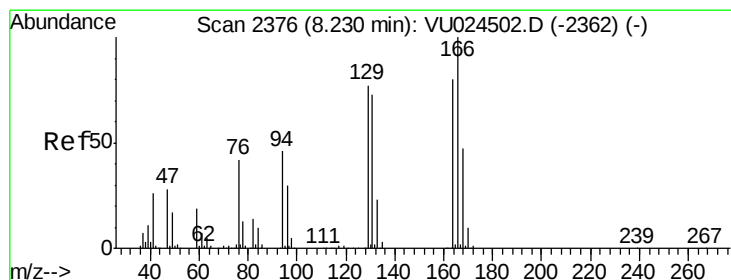
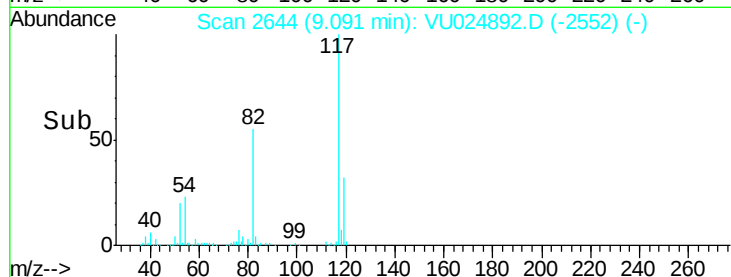
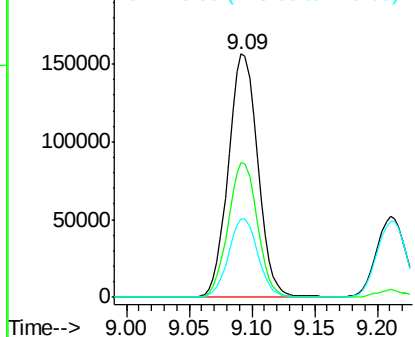
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 255848
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.2 25.4 38.2

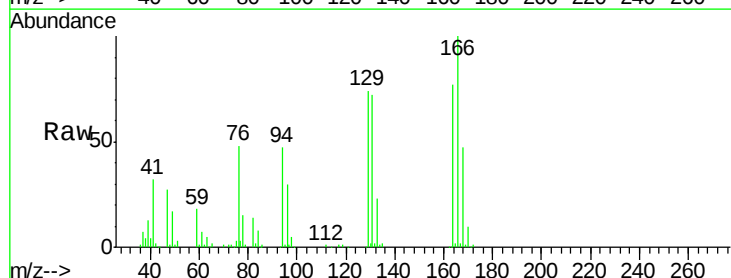


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

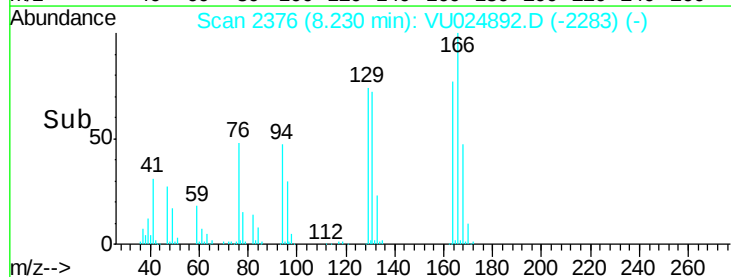
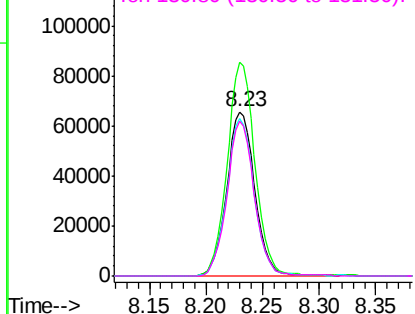


#64
Tetrachloroethene
Concen: 46.58 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion:164 Resp: 113273
Ion Ratio Lower Upper
164 100
166 130.0 101.7 152.5
129 95.8 76.9 115.3
131 94.2 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

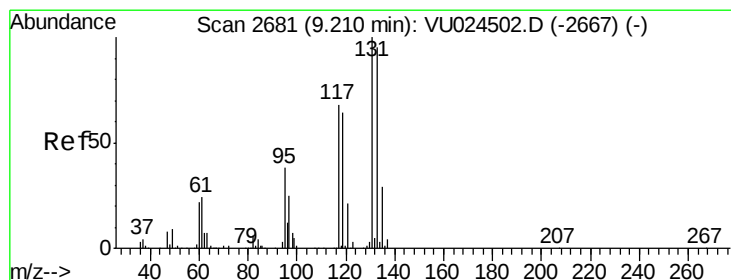
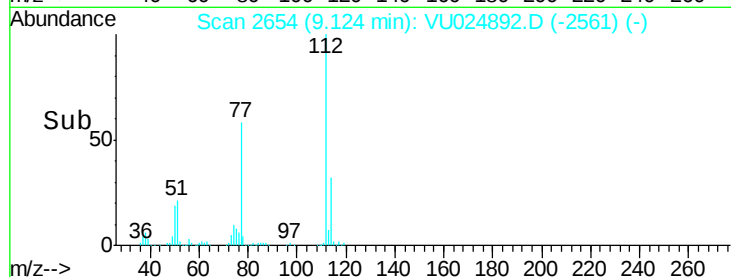
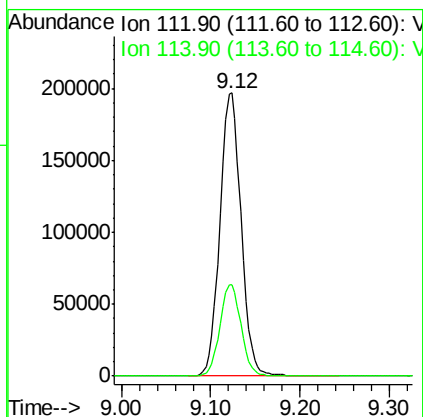
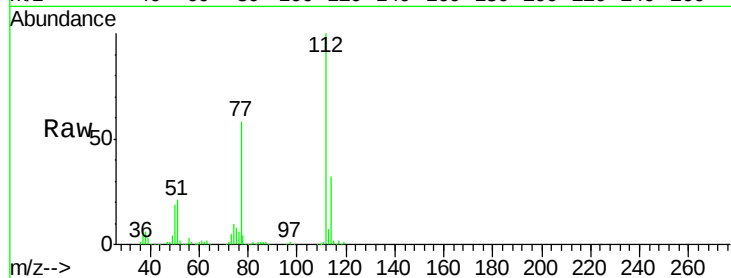




#65
Chlorobenzene
Concen: 49.61 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

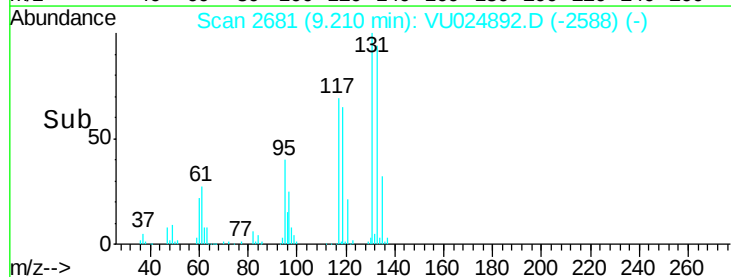
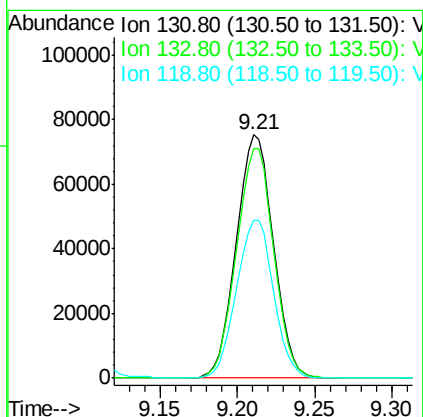
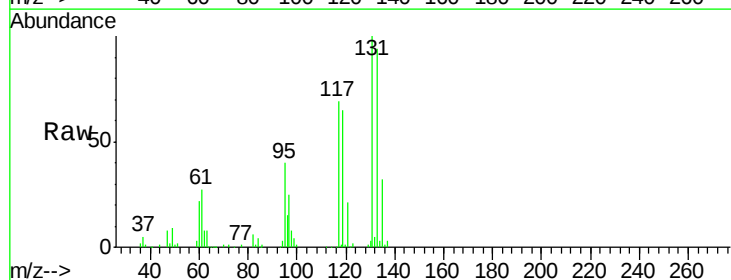
Instrument :
MSVOA_U
ClientSampleId :

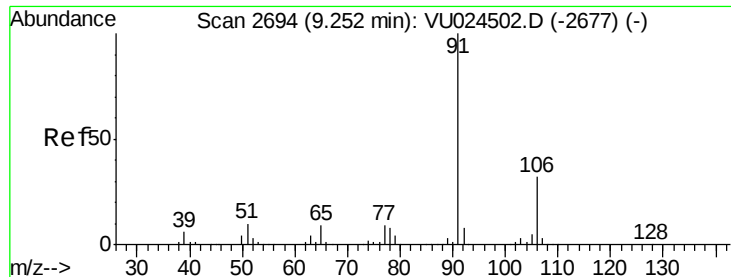
Tot Ion:112 Resp: 324276
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.61 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion:131 Resp: 125680
Ion Ratio Lower Upper
131 100
133 94.8 46.9 140.8
119 64.8 33.5 100.4

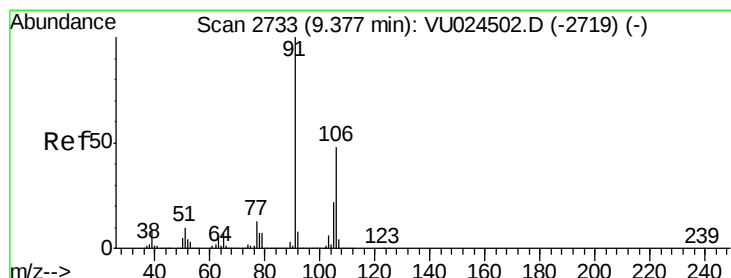
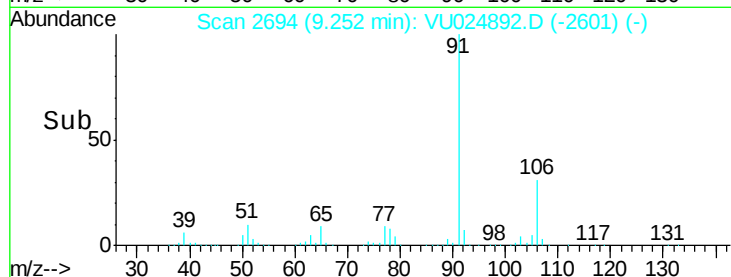
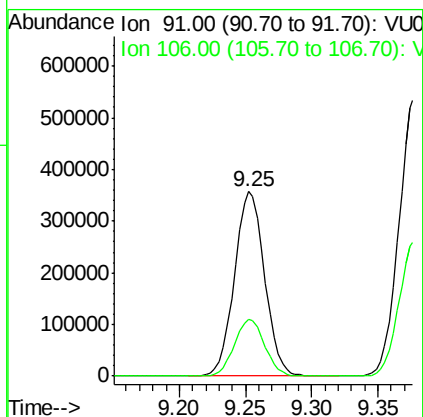
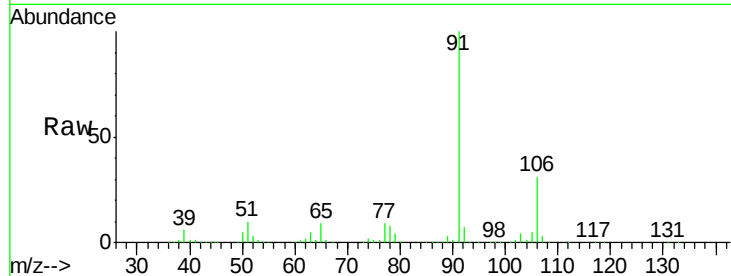




#67
Ethyl Benzene
Concen: 49.27 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

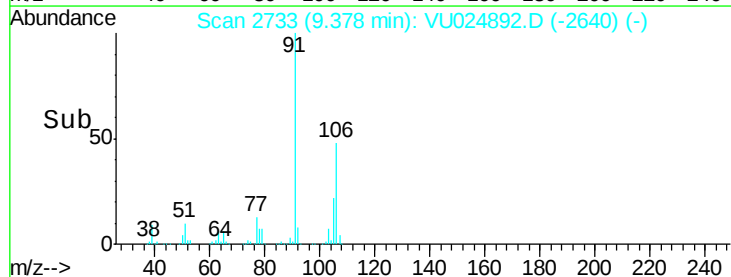
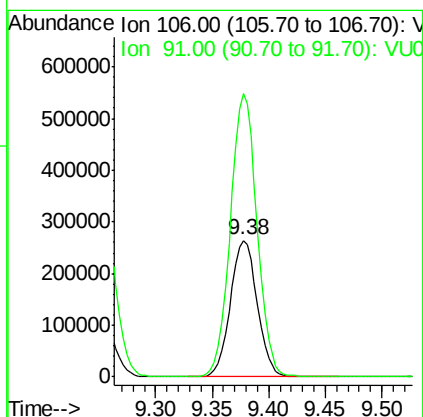
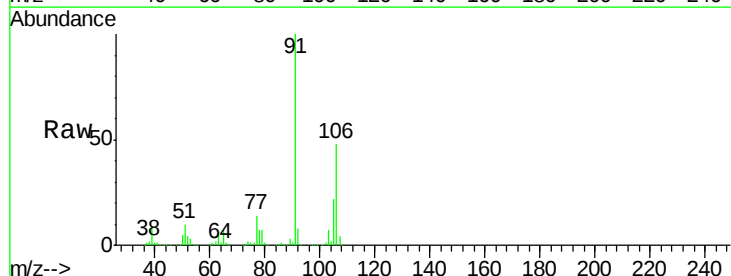
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 564503
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 99.03 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 106 Resp: 435740
Ion Ratio Lower Upper
106 100
91 205.1 166.5 249.7

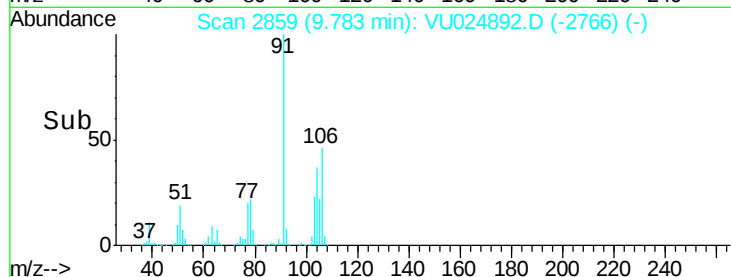
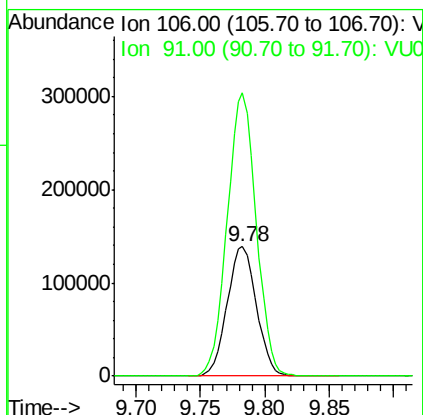
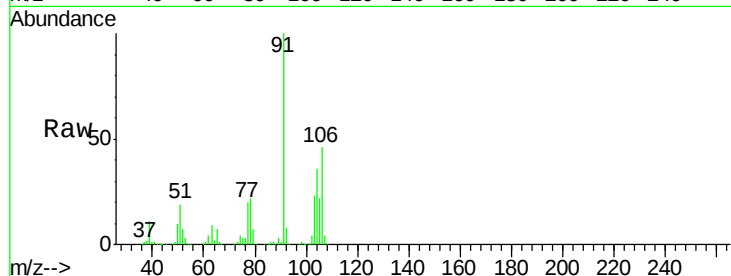




#69
o-Xylene
Concen: 50.39 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

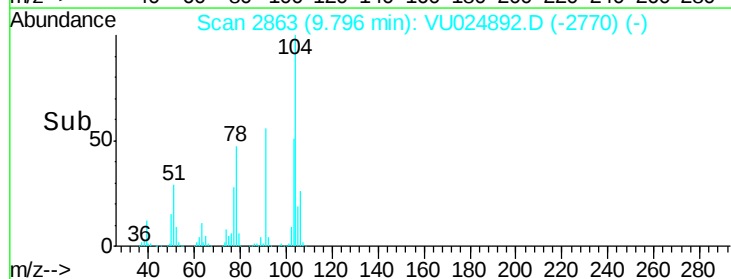
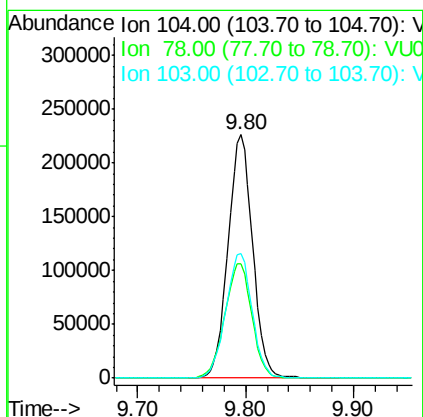
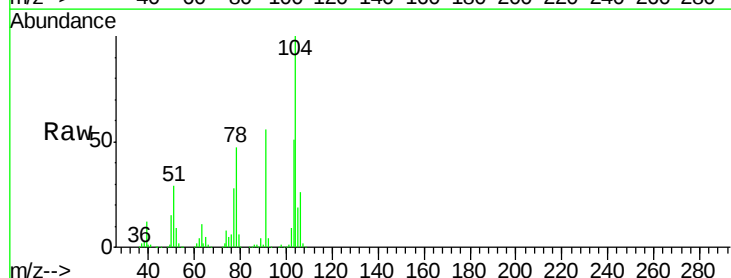
Instrument :
MSVOA_U
ClientSampled :

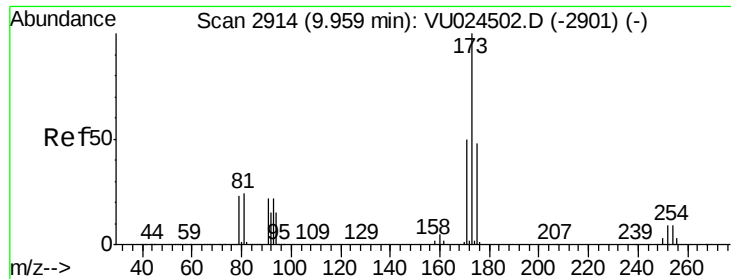
Tot Ion:106 Resp: 219438
Ion Ratio Lower Upper
106 100
91 215.8 110.7 331.9



#70
Styrene
Concen: 50.31 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion:104 Resp: 360029
Ion Ratio Lower Upper
104 100
78 51.6 40.6 60.8
103 55.0 44.7 67.1





#71

Bromoform

Concen: 47.13 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :

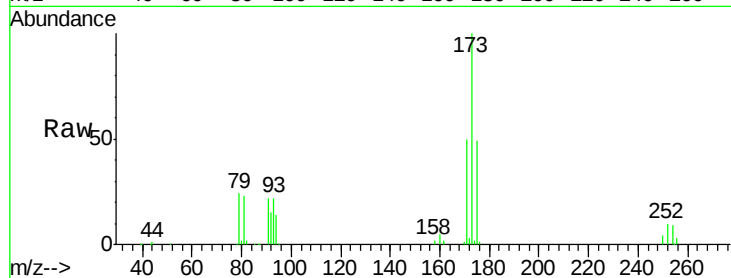
Tot Ion:173 Resp: 111228

Ion Ratio Lower Upper

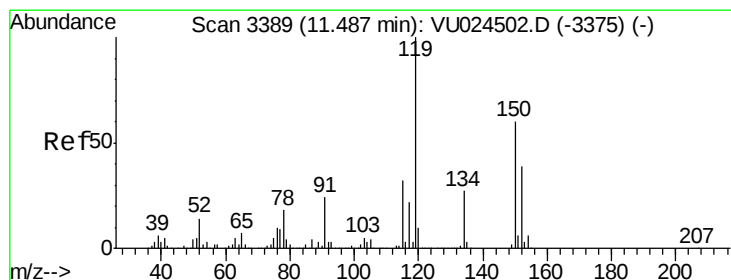
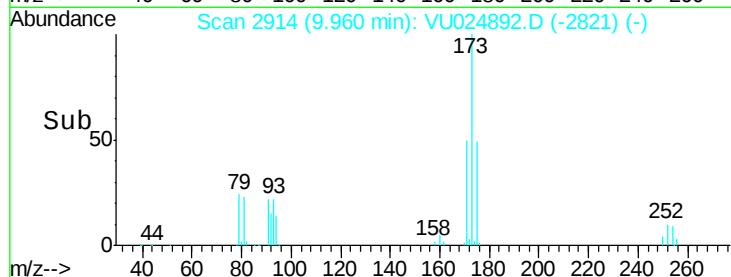
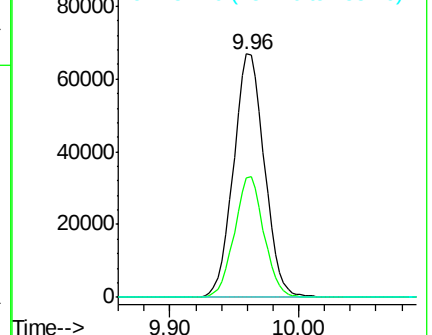
173 100

175 47.4 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: VU024892.D

Acq: 25 Jun 2018 22:36

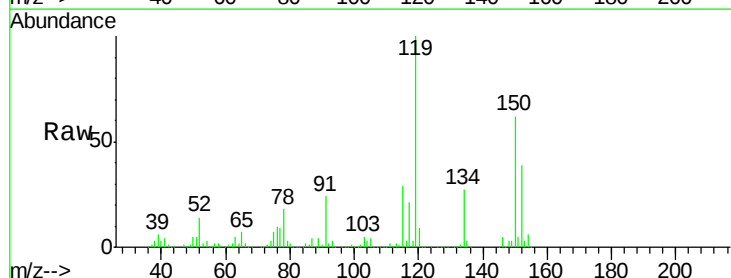
Tgt Ion:152 Resp: 156920

Ion Ratio Lower Upper

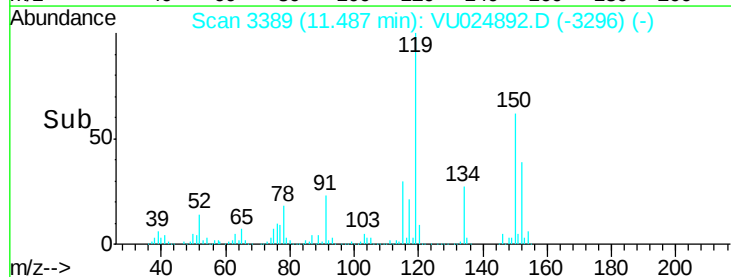
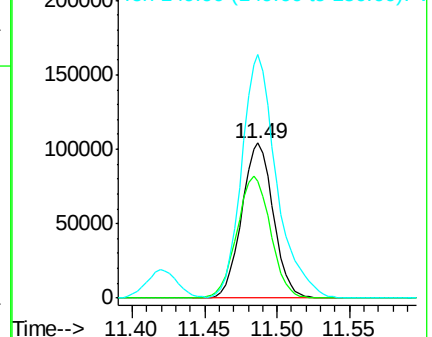
152 100

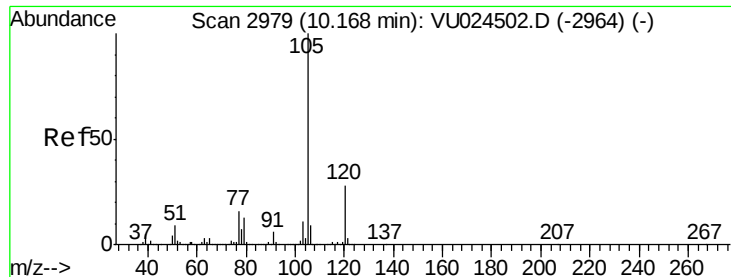
115 83.6 43.0 129.0

150 173.7 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.51 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

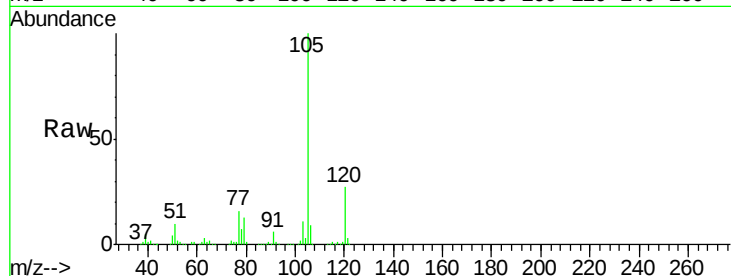
ClientSampleId :

Tot Ion:105 Resp: 596506

Ion Ratio Lower Upper

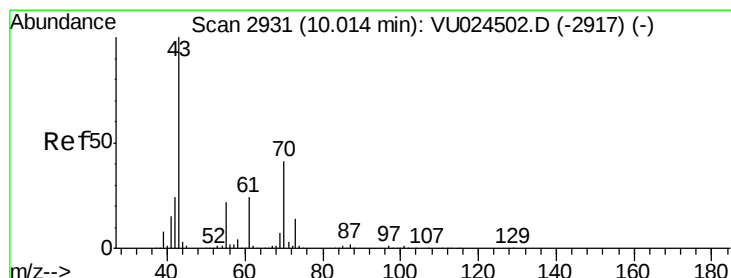
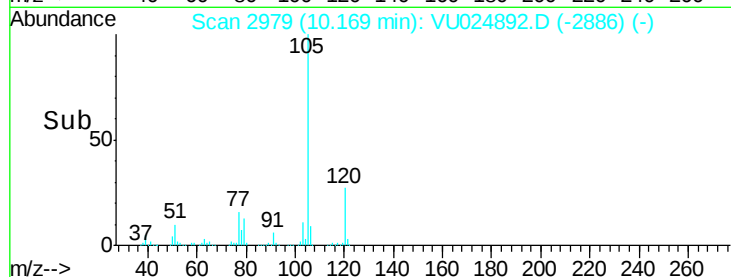
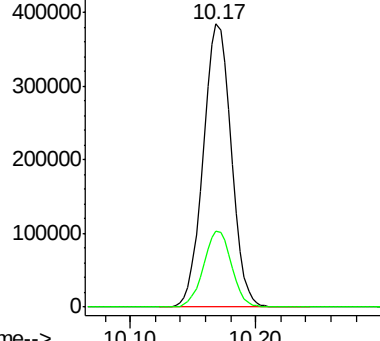
105 100

120 26.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.80 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Tgt Ion: 43 Resp: 268170

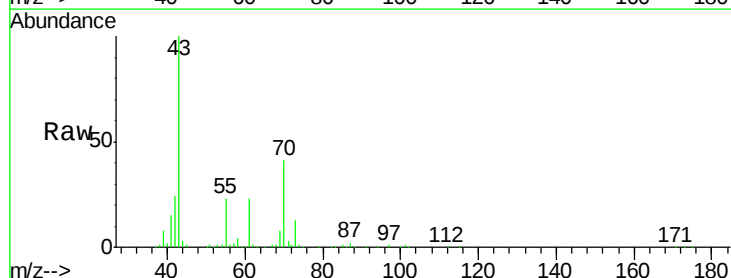
Ion Ratio Lower Upper

43 100

70 41.2 32.2 48.4

55 23.2 20.5 30.7

61 23.3 18.7 28.1

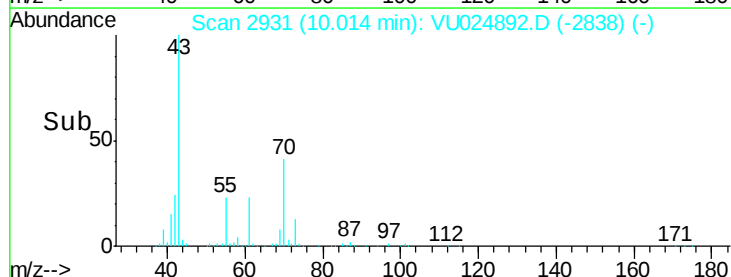
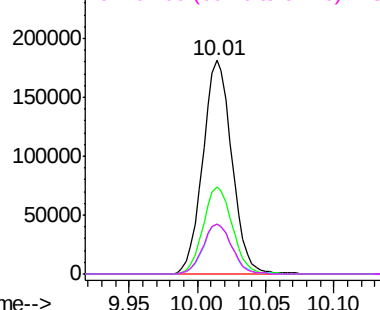


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.96 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

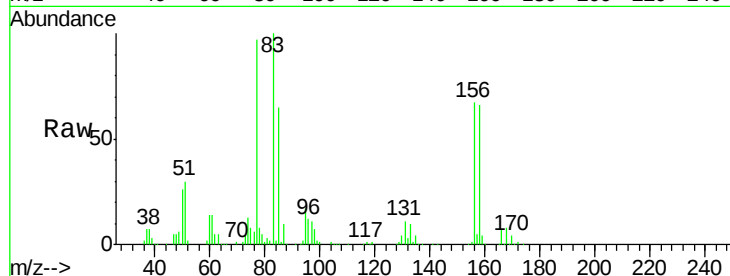
Tot Ion: 83 Resp: 201681

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

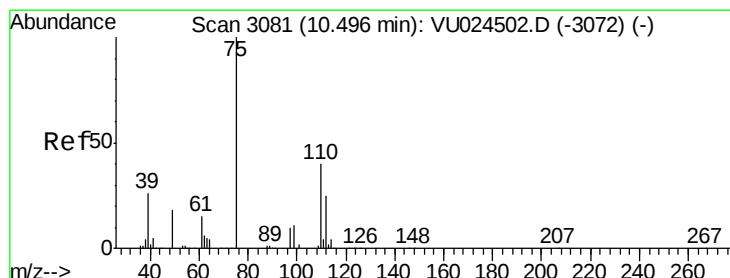
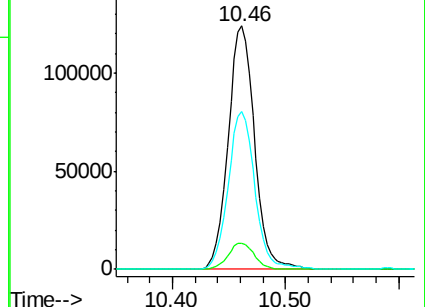
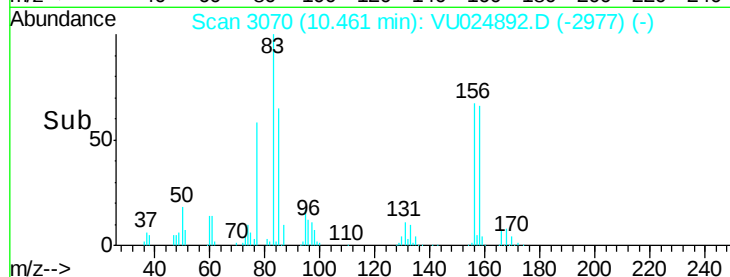
85 65.5 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024892.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024892.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024892.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 68.57 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024892.D

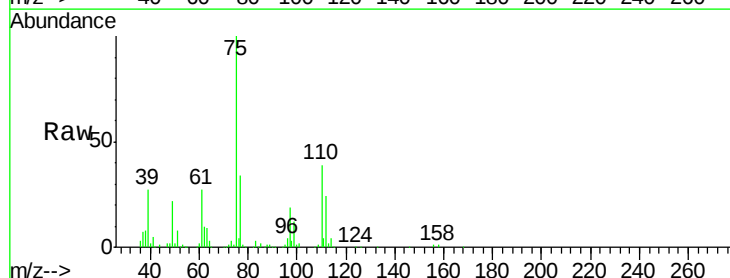
Acq: 25 Jun 2018 22:36

Tgt Ion: 75 Resp: 236905

Ion Ratio Lower Upper

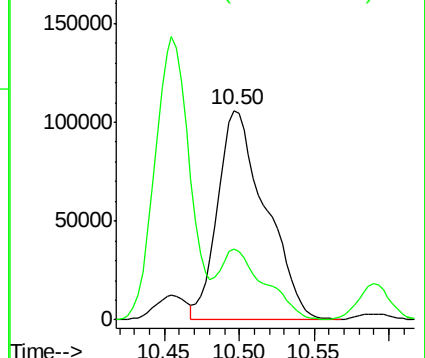
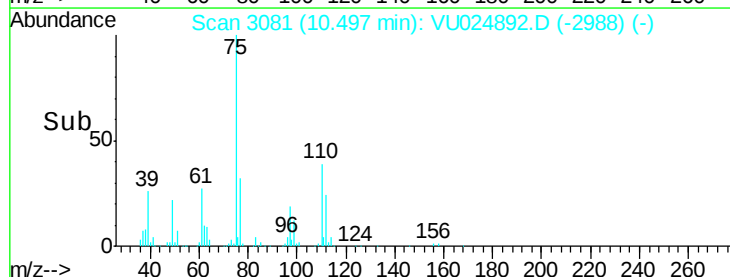
75 100

77 30.5 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024892.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024892.D (-2988) (-)





#77

Bromobenzene

Concen: 49.52 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

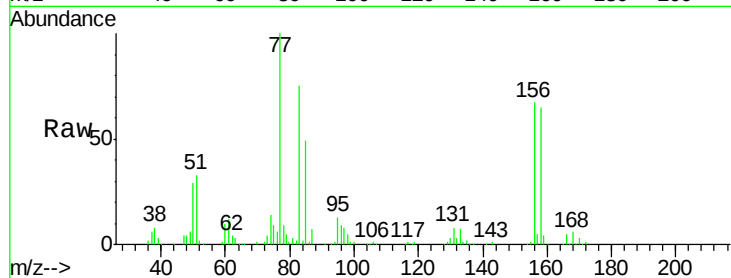
Tot Ion:156 Resp: 151023

Ion Ratio Lower Upper

156 100

77 152.9 80.5 241.3

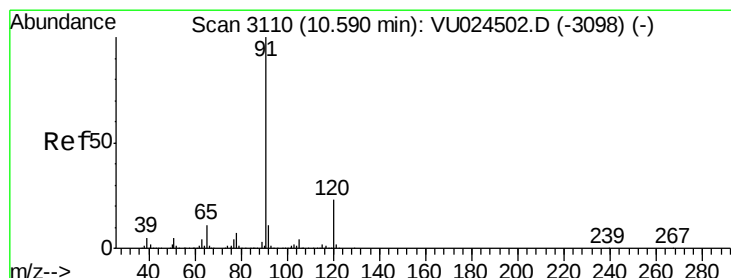
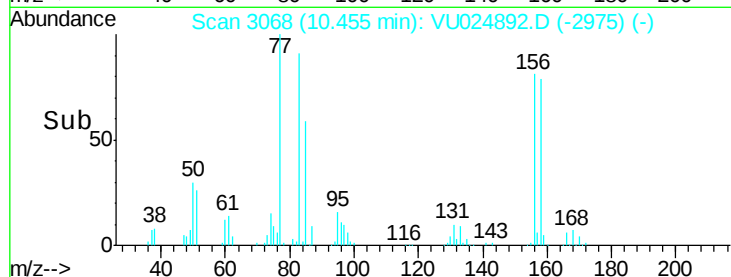
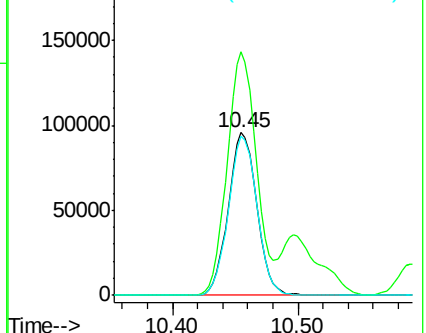
158 98.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.42 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024892.D

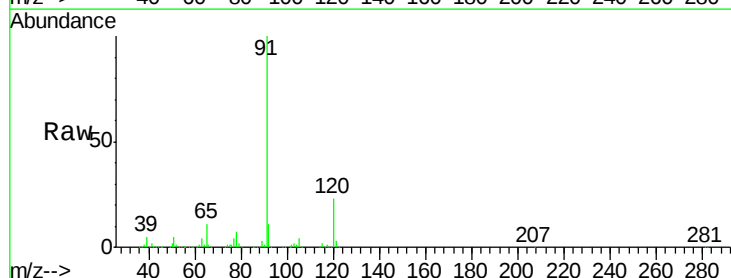
Acq: 25 Jun 2018 22:36

Tgt Ion: 91 Resp: 672959

Ion Ratio Lower Upper

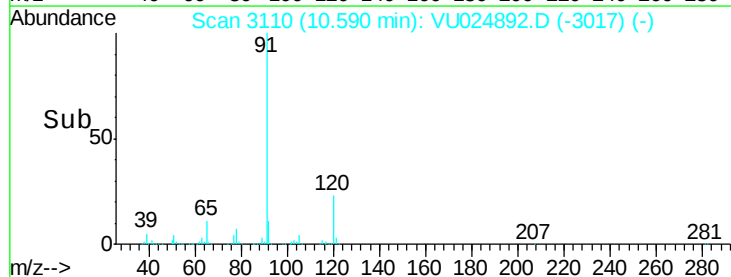
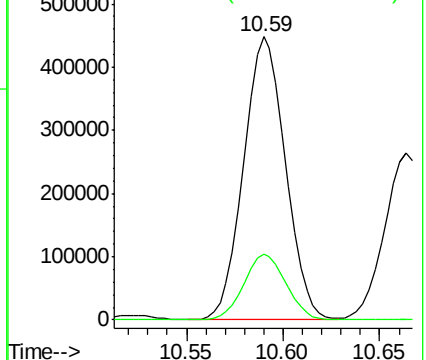
91 100

120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.72 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

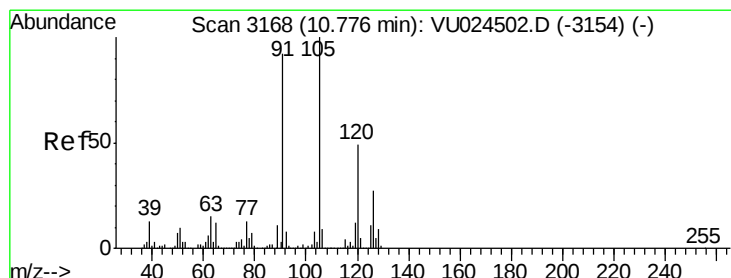
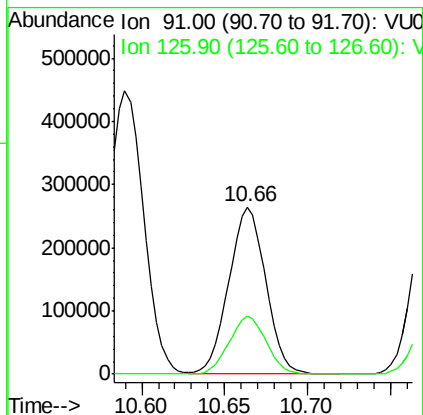
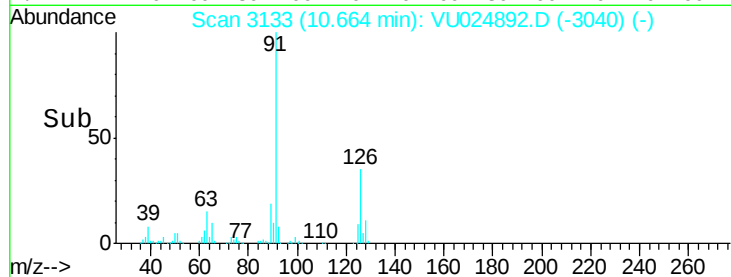
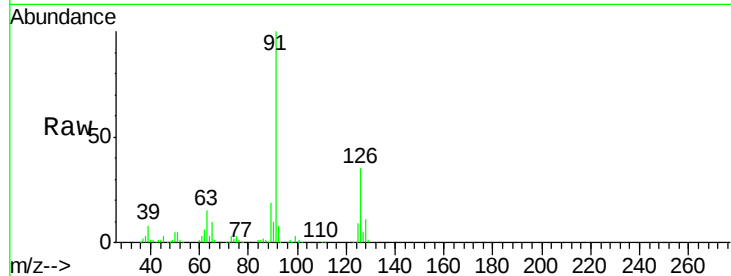
ClientSampleId :

Tot Ion: 91 Resp: 407745

Ion Ratio Lower Upper

91 100

126 35.0 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 49.36 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024892.D

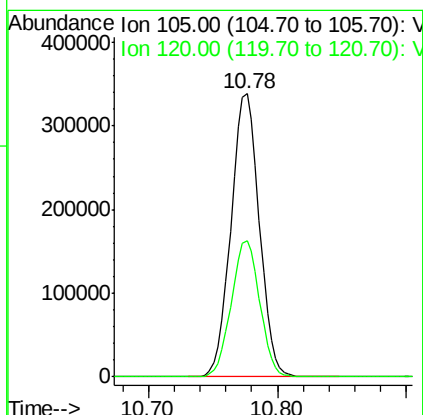
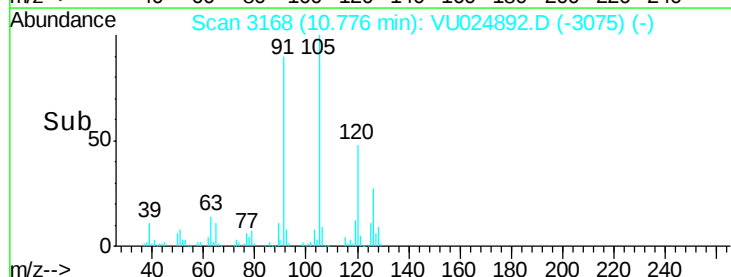
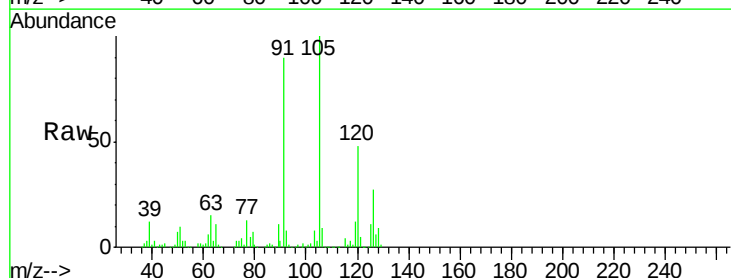
Acq: 25 Jun 2018 22:36

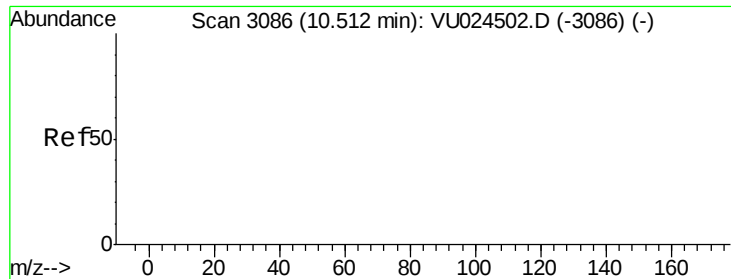
Tgt Ion: 105 Resp: 515436

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.2

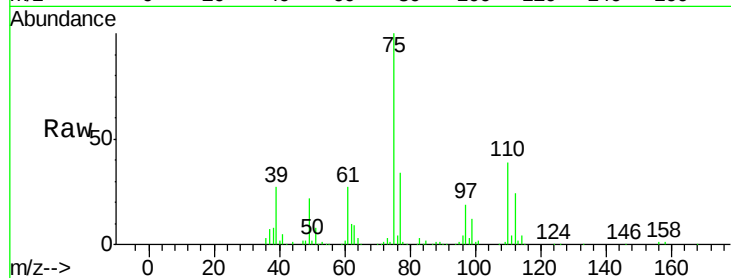




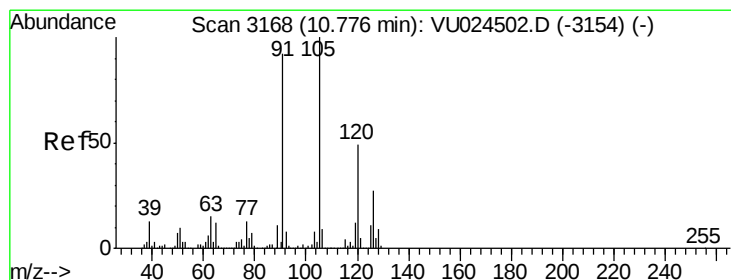
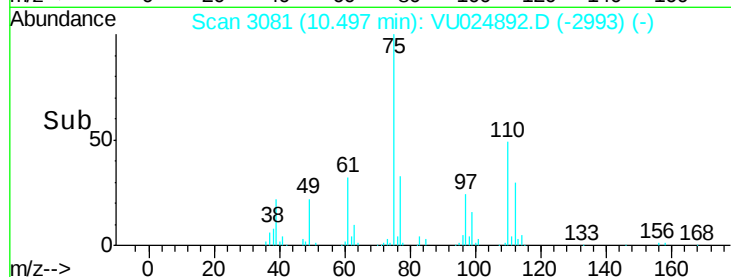
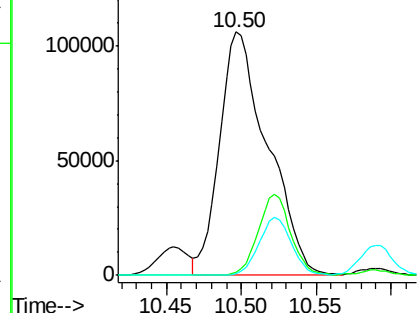
#81
trans-1,4-Dichloro-2-butene
Concen: 158.71 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 236905
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

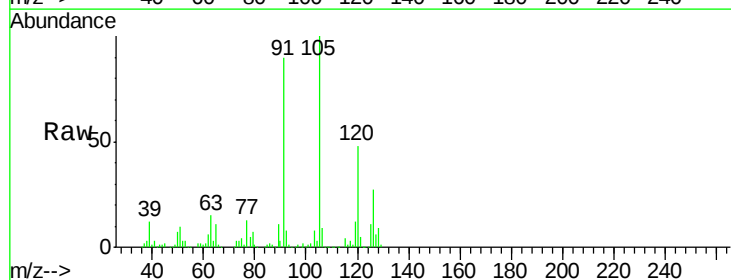


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

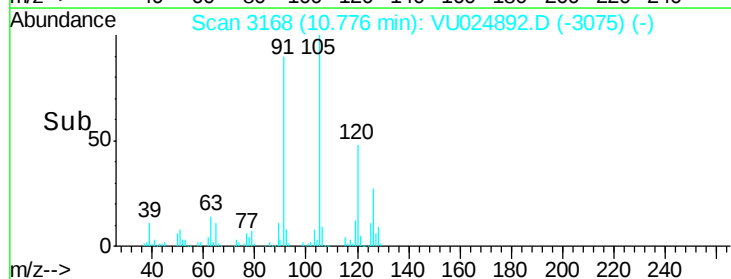
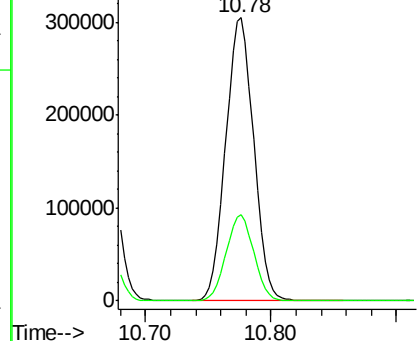


#82
4-Chlorotoluene
Concen: 48.33 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 91 Resp: 470829
Ion Ratio Lower Upper
91 100
126 30.1 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

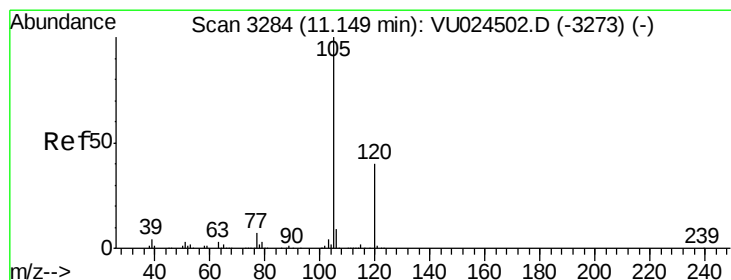
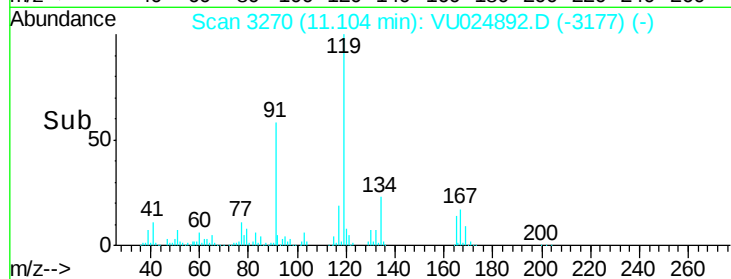
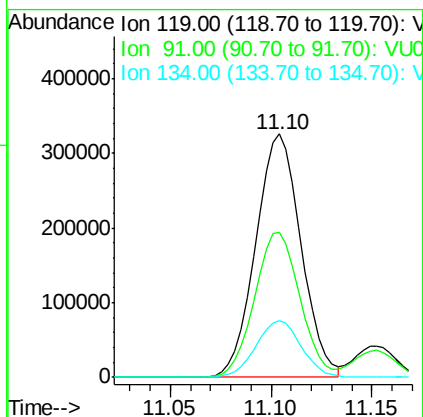
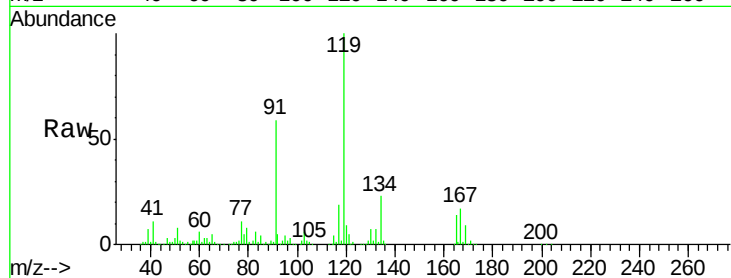




#83
tert-Butylbenzene
Concen: 50.87 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

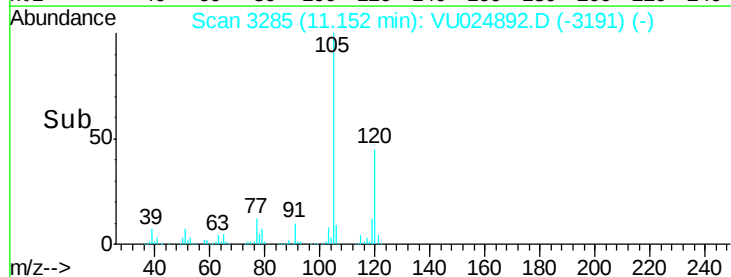
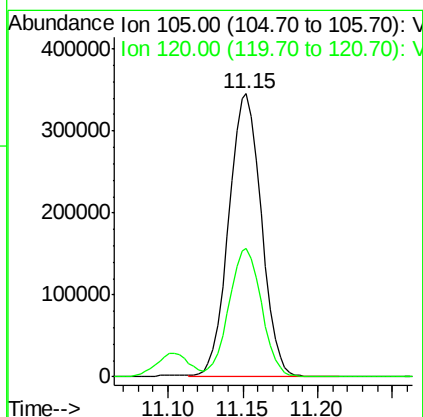
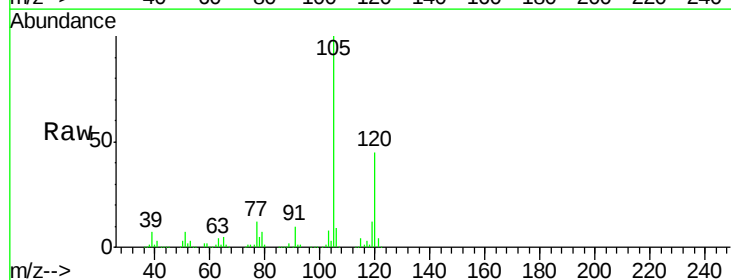
Instrument :
MSVOA_U
ClientSampled :

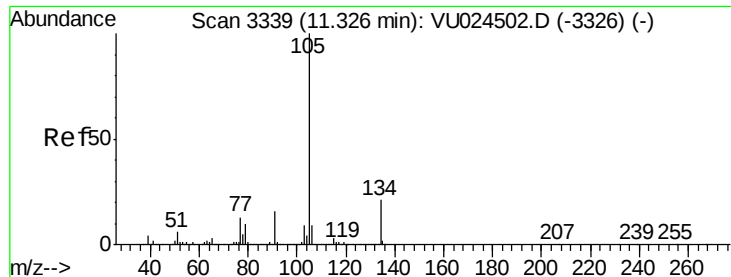
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.9	29.7	89.1
134	23.2	11.6	34.7



#84
1,2,4-Trimethylbenzene
Concen: 49.19 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.8





#85

sec-Butylbenzene

Concen: 49.68 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

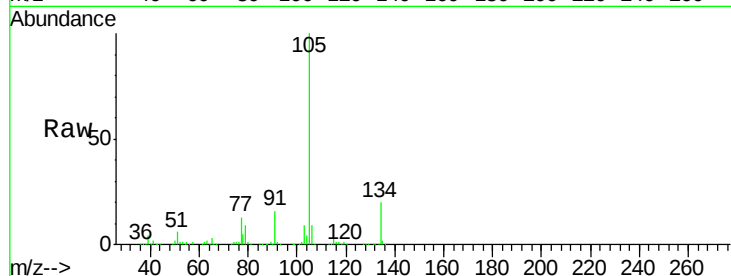
ClientSampleId :

Tot Ion:105 Resp: 624581

Ion Ratio Lower Upper

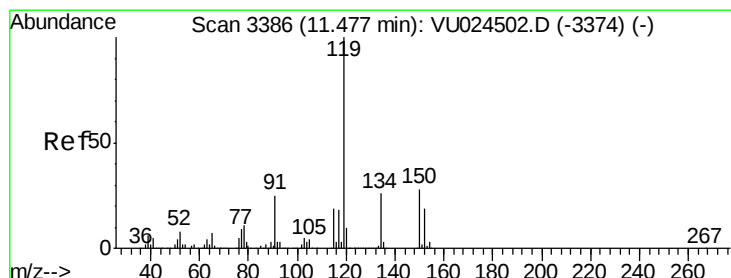
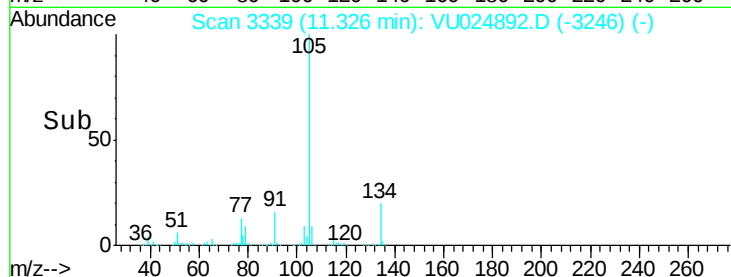
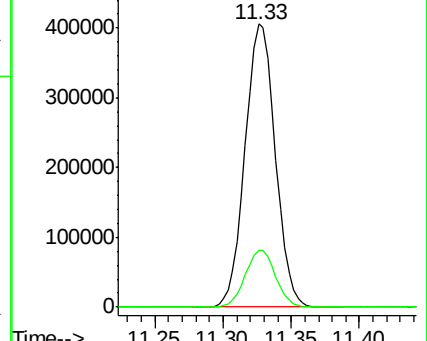
105 100

134 20.2 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: 48.66 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

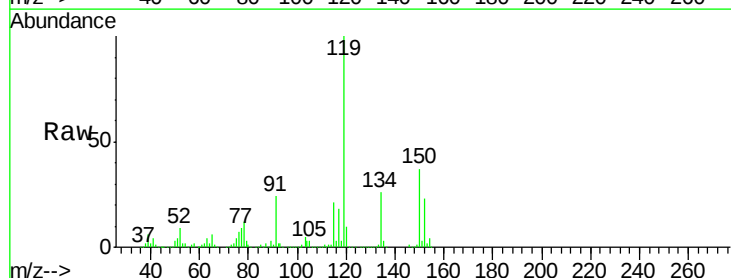
Tgt Ion:119 Resp: 547949

Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

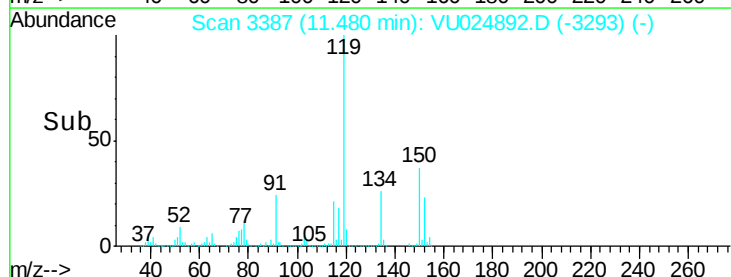
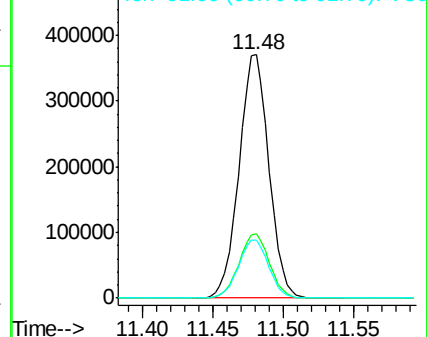
91 24.2 12.0 36.1



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

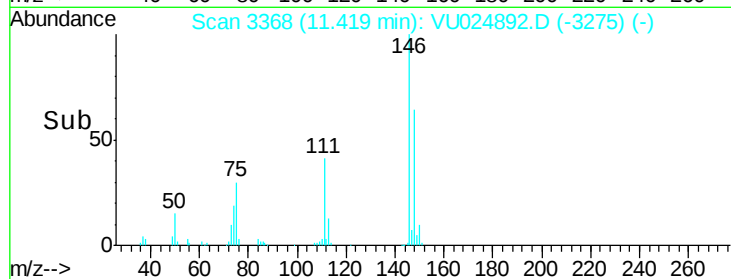
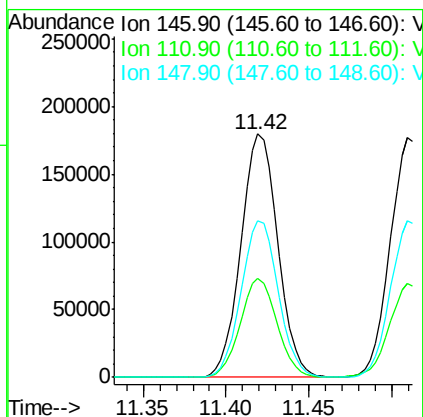
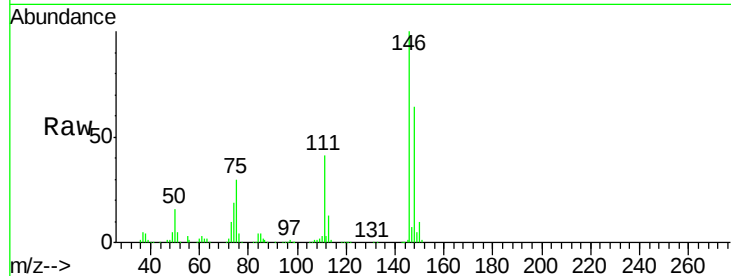




#87
 1,3-Dichlorobenzene
 Concen: 49.48 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

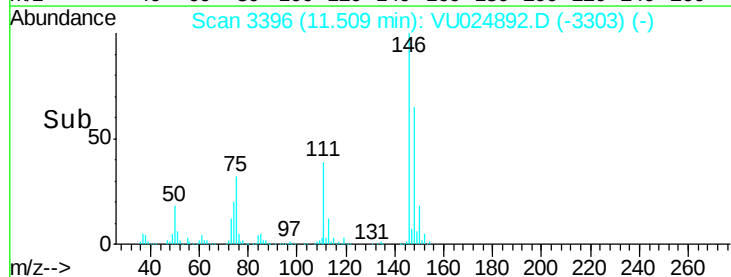
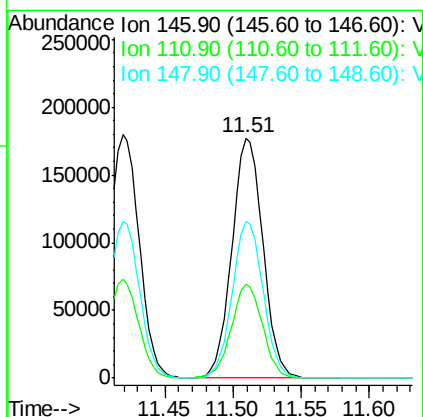
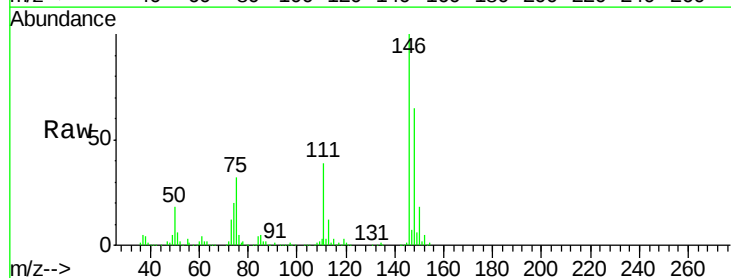
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	64.5	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.26 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	65.0	32.4	97.0





#89

n-Butylbenzene

Concen: 45.74 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampled :

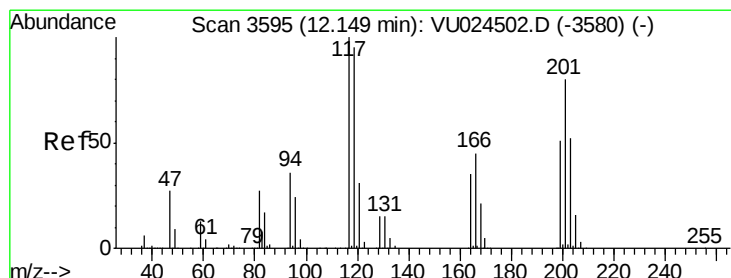
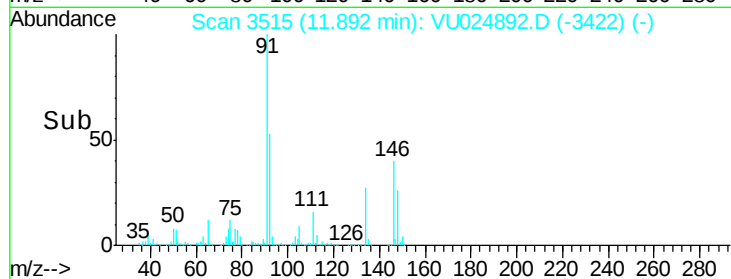
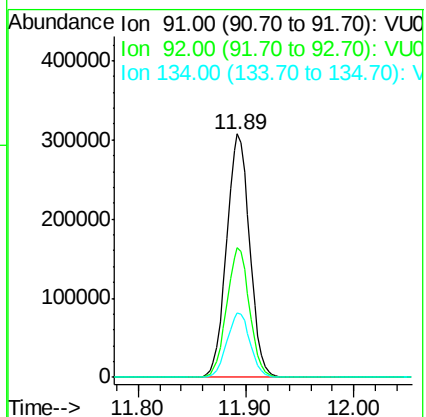
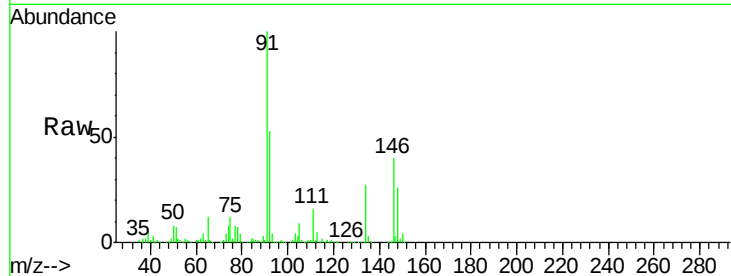
Tot Ion: 91 Resp: 457241

Ion Ratio Lower Upper

91 100

92 52.6 25.6 76.8

134 26.6 12.3 36.8



#90

Hexachloroethane

Concen: 45.57 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024892.D

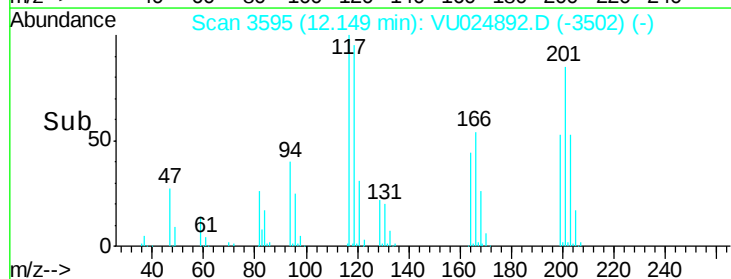
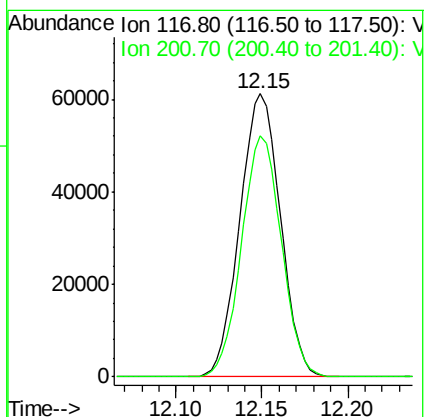
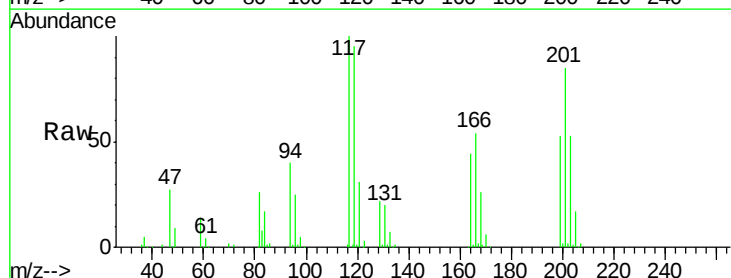
Acq: 25 Jun 2018 22:36

Tgt Ion: 117 Resp: 100102

Ion Ratio Lower Upper

117 100

201 83.6 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 51.88 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampled :

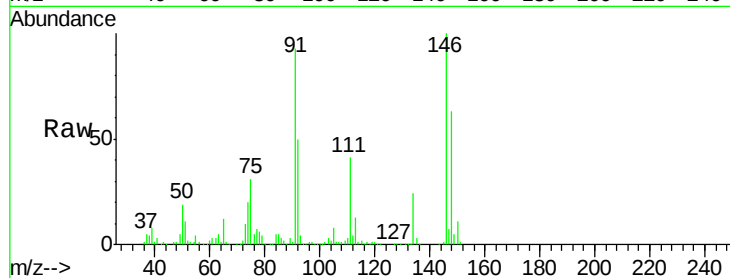
Tot Ion:146 Resp: 292837

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.6

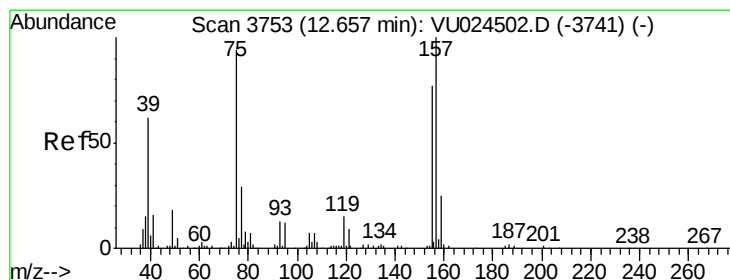
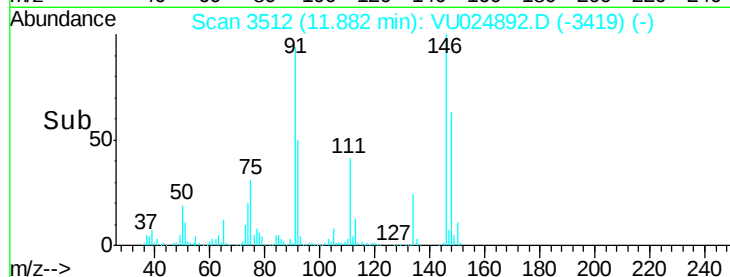
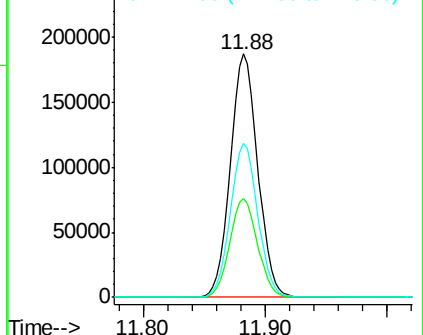
148 63.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.25 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

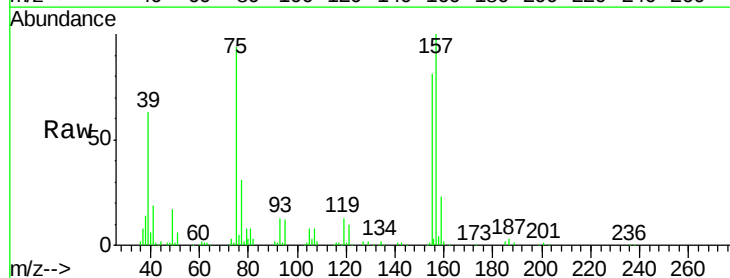
Tgt Ion: 75 Resp: 55976

Ion Ratio Lower Upper

75 100

155 85.9 40.4 121.2

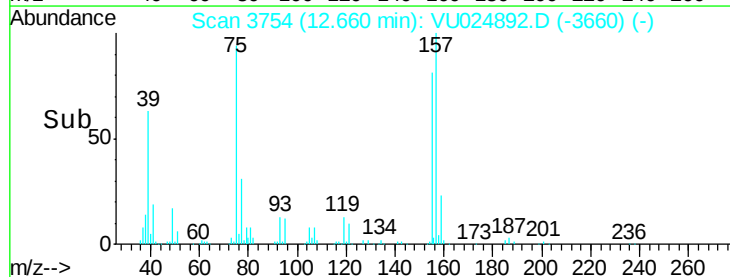
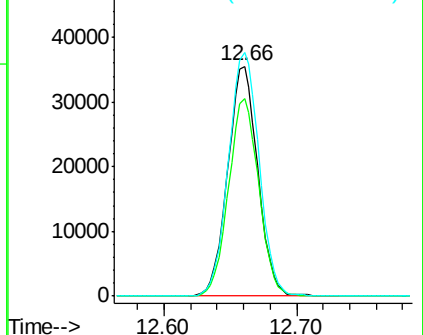
157 107.9 52.3 156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

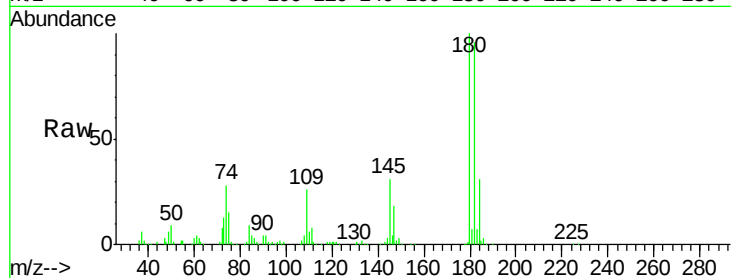




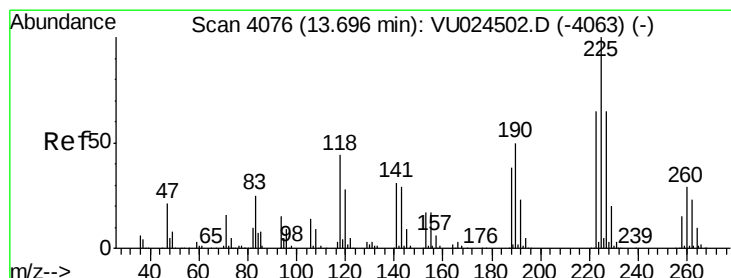
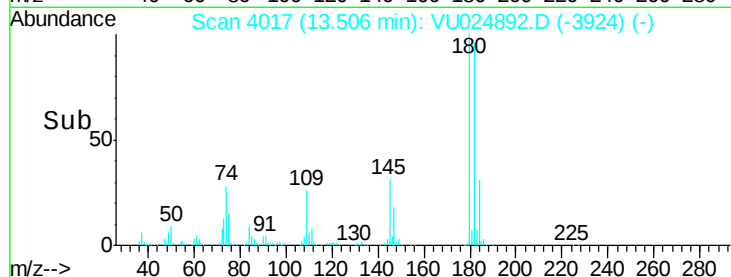
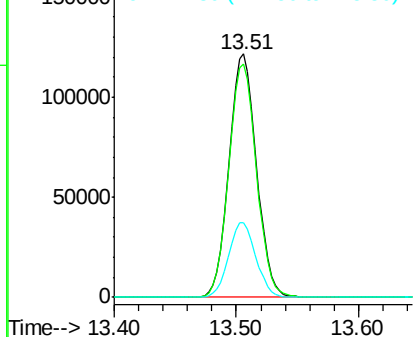
#93
 1,2,4-Trichlorobenzene
 Concen: 54.99 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 191667
 Ion Ratio Lower Upper
 180 100
 182 96.9 48.0 144.2
 145 30.6 14.7 44.1

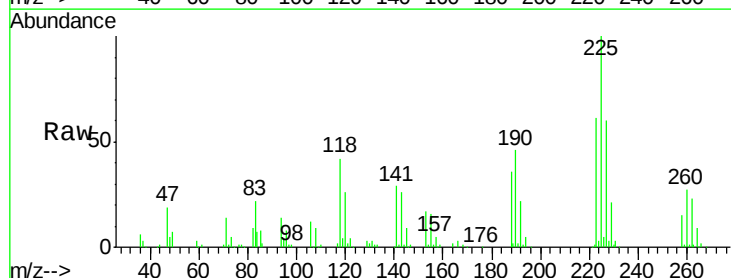


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

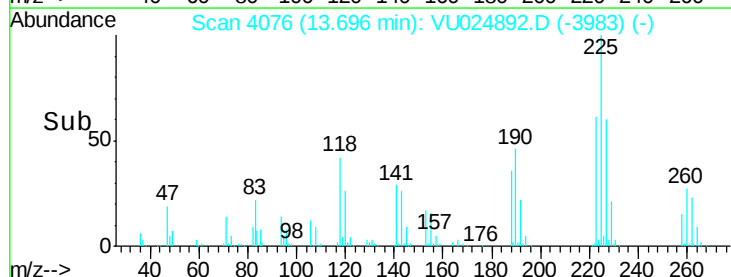
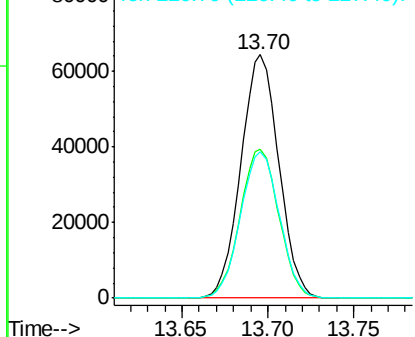


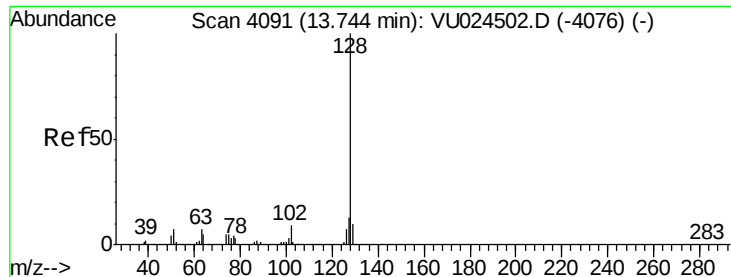
#94
 Hexachlorobutadiene
 Concen: 50.41 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion:225 Resp: 98888
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.8
 227 61.7 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: 54.74 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

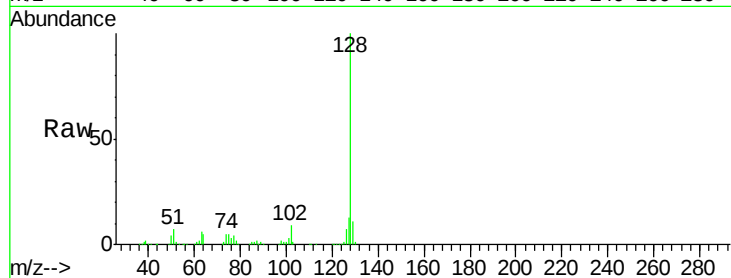
Tot Ion:128 Resp: 632329

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

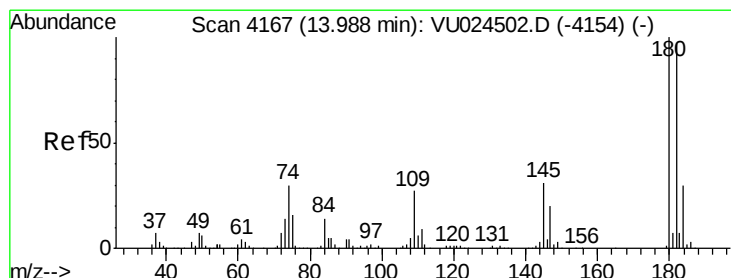
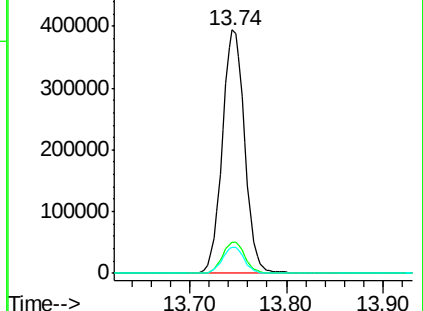
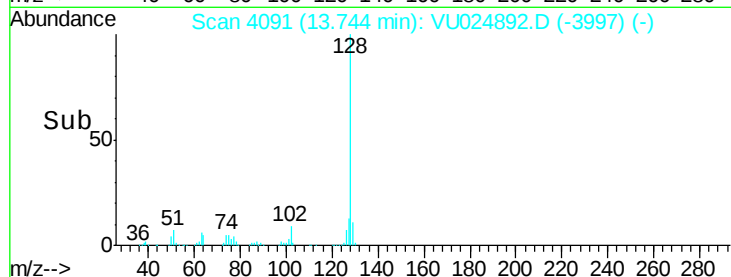
129 10.4 8.6 12.8



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: 58.00 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

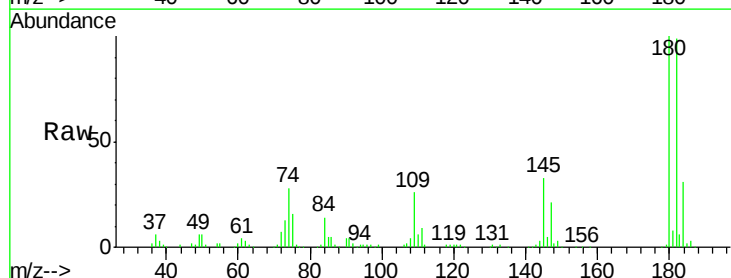
Tgt Ion:180 Resp: 201435

Ion Ratio Lower Upper

180 100

182 97.0 47.9 143.7

145 32.3 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

