

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024559.D
 Acq On : 14 Jun 2018 23:26
 Operator : MD/SY
 Sample : VU0614WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 01:45:59 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	168144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267034	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	253439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149591	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	127825	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
35) Dibromofluoromethane	4.89	113	111884	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	7.57	98	411781	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	10.31	95	156872	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	36432	17.310	ug/l	97
3) Chloromethane	1.33	50	41052	19.092	ug/l	97
4) Vinyl Chloride	1.41	62	43450	19.594	ug/l	99
5) Bromomethane	1.63	94	24028	22.415	ug/l	98
6) Chloroethane	1.70	64	25605	20.033	ug/l	99
7) Trichlorofluoromethane	1.89	101	64698	19.118	ug/l	99
8) Diethyl Ether	2.10	74	25067	20.662	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	36944	17.597	ug/l	98
10) Methyl Iodide	2.42	142	25940	18.344	ug/l	95
11) Tert butyl alcohol	2.82	59	53504	80.143	ug/l	100
12) 1,1-Dichloroethene	2.29	96	35399	18.489	ug/l	92
13) Acrolein	2.20	56	26549	75.729	ug/l	96
14) Allyl chloride	2.60	41	60558	17.035	ug/l	91
15) Acrylonitrile	2.94	53	126357	97.280	ug/l	97
16) Acetone	2.32	43	103327	70.058	ug/l	95
17) Carbon Disulfide	2.48	76	112811	18.402	ug/l	99
18) Methyl Acetate	2.62	43	60171	19.030	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	133070	18.490	ug/l	98
20) Methylene Chloride	2.71	84	42313	18.284	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	39596	18.777	ug/l	94
22) Diisopropyl ether	3.57	45	132116	18.748	ug/l	89
23) Vinyl Acetate	3.53	43	589362	93.363	ug/l	97
24) 1,1-Dichloroethane	3.45	63	76531	18.878	ug/l	99
25) 2-Butanone	4.27	43	175131	88.401	ug/l	95
26) 2,2-Dichloropropane	4.23	77	53962	14.018	ug/l	93
27) cis-1,2-Dichloroethene	4.23	96	47074	19.418	ug/l	93
28) Bromochloromethane	4.55	49	37115	20.786	ug/l	85
29) Tetrahydrofuran	4.64	42	115013	93.748	ug/l	96
30) Chloroform	4.68	83	77929	18.992	ug/l	99
31) Cyclohexane	5.00	56	71736	18.691	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	68149	17.961	ug/l	95
36) 1,1-Dichloropropene	5.14	75	56374	17.966	ug/l	96
37) Ethyl Acetate	4.38	43	65797	19.239	ug/l #	94
38) Carbon Tetrachloride	5.14	117	62180	18.020	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	70292	17.951	ug/l	91
40) Benzene	5.39	78	168443	18.839	ug/l	98
41) Methacrylonitrile	4.54	41	35454	19.227	ug/l	95
42) 1,2-Dichloroethane	5.41	62	58963	17.315	ug/l	96
43) Isopropyl Acetate	5.55	43	107585	18.199	ug/l	98
44) Trichloroethene	6.19	130	46023	18.086	ug/l	99
45) 1,2-Dichloropropane	6.44	63	46472	19.479	ug/l	93
46) Dibromomethane	6.56	93	32609	19.459	ug/l	96
47) Bromodichloromethane	6.76	83	62281	18.664	ug/l	99
48) Methyl methacrylate	6.63	41	52377	18.195	ug/l	98
49) 1,4-Dioxane	6.62	88	18408	326.989	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	353405	95.154	ug/l	99
52) Toluene	7.64	92	107885	18.755	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	66376	17.713	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	70898	17.755	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	42923	18.357	ug/l	99
56) Ethyl methacrylate	8.02	69	71914	18.375	ug/l	99
57) 1,3-Dichloropropane	8.25	76	73864	18.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	142492	95.035	ug/l	96
59) 2-Hexanone	8.36	43	276831	91.299	ug/l	99
60) Dibromochloromethane	8.48	129	51847	17.781	ug/l	100
61) 1,2-Dibromoethane	8.59	107	48769	18.739	ug/l	98
64) Tetrachloroethene	8.23	164	42405	17.602	ug/l	97
65) Chlorobenzene	9.12	112	123118	19.016	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	46340	18.839	ug/l	98
67) Ethyl Benzene	9.25	91	211691	18.651	ug/l	97
68) m/p-Xylenes	9.38	106	163336	37.476	ug/l	97
69) o-Xylene	9.78	106	82787	19.193	ug/l	92
70) Styrene	9.80	104	133636	18.853	ug/l	100
71) Bromoform	9.96	173	42163	18.034	ug/l #	98
73) Isopropylbenzene	10.17	105	211176	18.387	ug/l	98
74) N-amyl acetate	10.01	43	98913	18.107	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	74473	19.350	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	83227	25.270	ug/l	83
77) Bromobenzene	10.46	156	56058	19.280	ug/l	95
78) n-propylbenzene	10.59	91	250373	18.506	ug/l	98
79) 2-Chlorotoluene	10.66	91	145404	18.225	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	180608	18.143	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.50	75	83227	58.486	ug/l #	100
82) 4-Chlorotoluene	10.78	91	171359	18.453	ug/l	98
83) tert-Butylbenzene	11.10	119	179213	18.716	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	184966	18.233	ug/l	98
85) sec-Butylbenzene	11.33	105	220686	18.412	ug/l	98
86) p-Isopropyltoluene	11.48	119	191145	17.806	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	99283	18.482	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	101119	18.703	ug/l	99
89) n-Butylbenzene	11.89	91	174312	18.290	ug/l	97
90) Hexachloroethane	12.15	117	36952	17.646	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	99839	18.556	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18409	17.335	ug/l	88

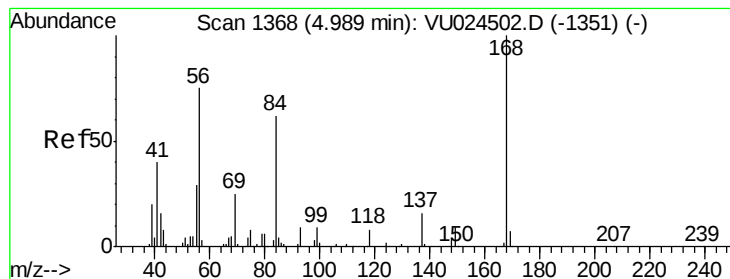
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061418\
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	65783	19.799	ug/l	99
94) Hexachlorobutadiene	13.70	225	33461	17.892	ug/l	98
95) Naphthalene	13.75	128	205601	19.117	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	67805	20.480	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

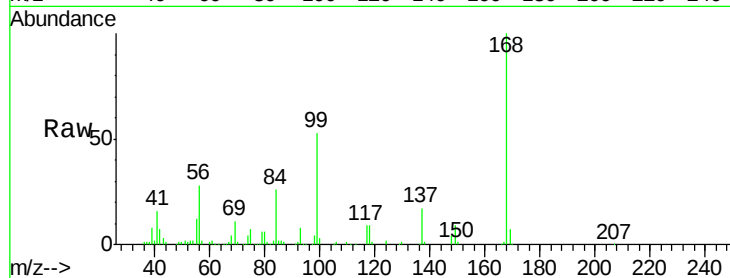
ClientSampleId :

Tot Ion:168 Resp: 168144

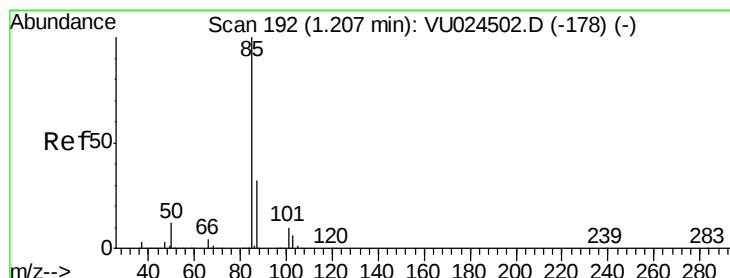
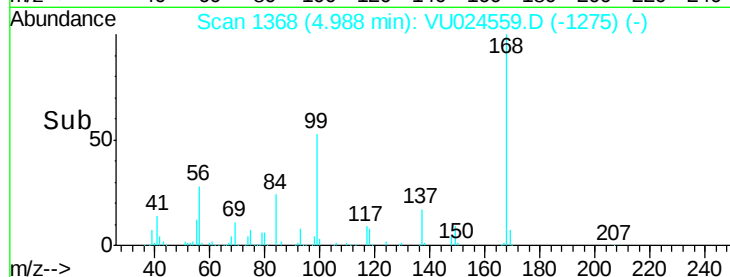
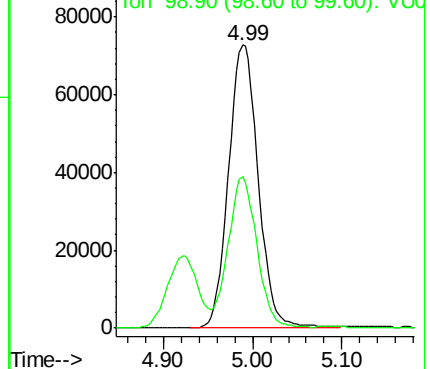
Ion Ratio Lower Upper

168 100

99 53.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024559.D (-1275) (-)



#2

Dichlorodifluoromethane

Concen: 17.310 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024559.D

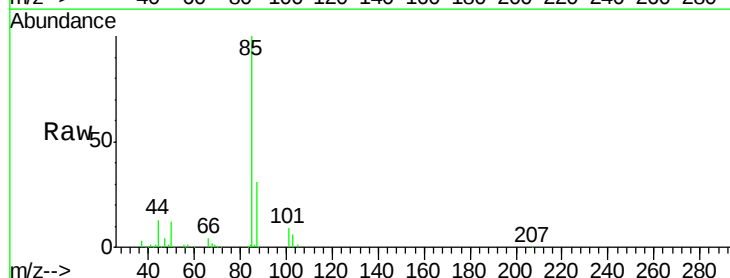
Acq: 14 Jun 2018 23:26

Tgt Ion: 85 Resp: 36432

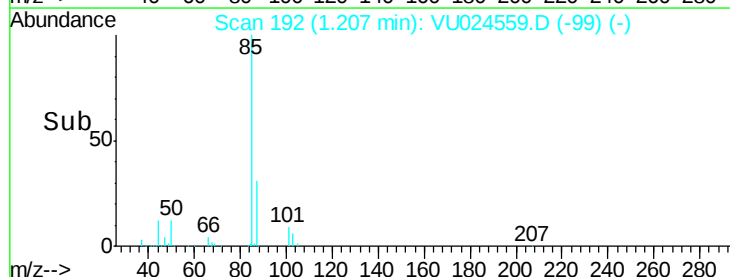
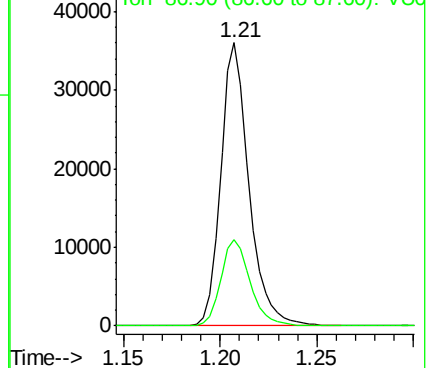
Ion Ratio Lower Upper

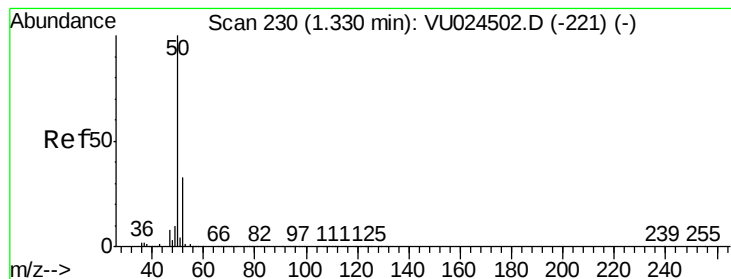
85 100

87 30.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024559.D (-99) (-)





#3

Chloromethane

Concen: 19.092 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

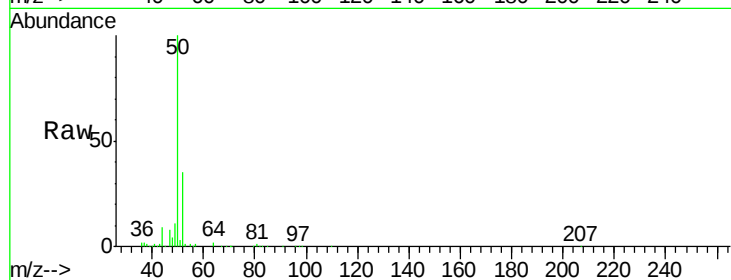
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 41052

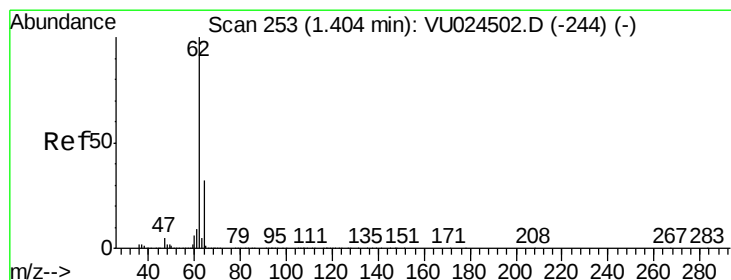
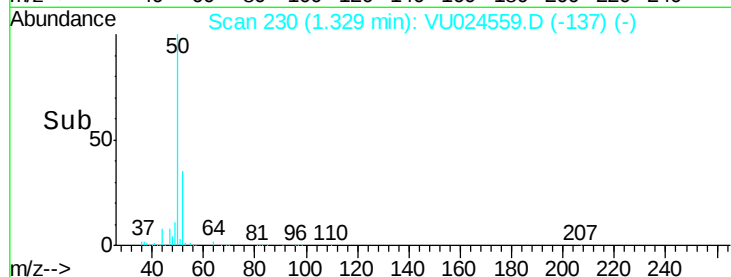
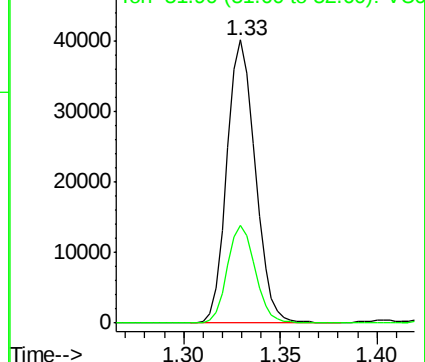
Ion Ratio Lower Upper

50 100

52 34.5 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: 19.594 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024559.D

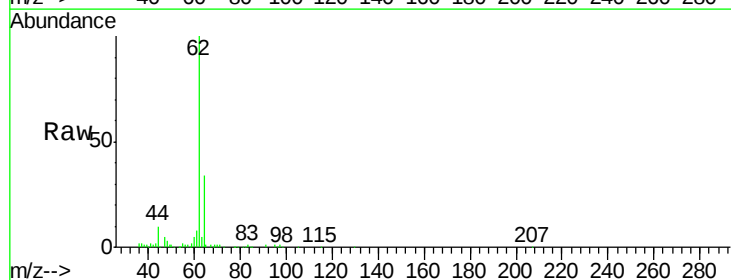
Acq: 14 Jun 2018 23:26

Tgt Ion: 62 Resp: 43450

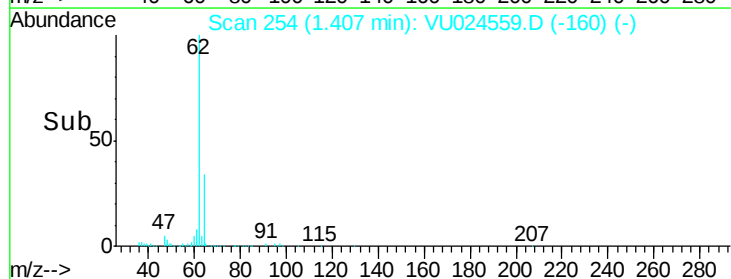
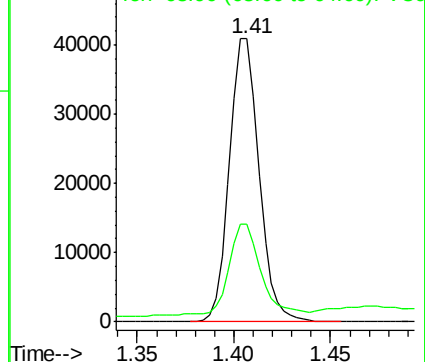
Ion Ratio Lower Upper

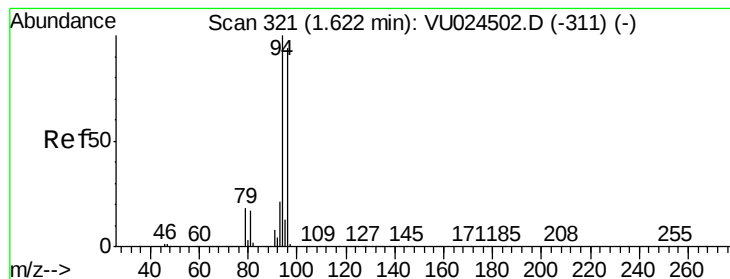
62 100

64 31.7 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: 22.415 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

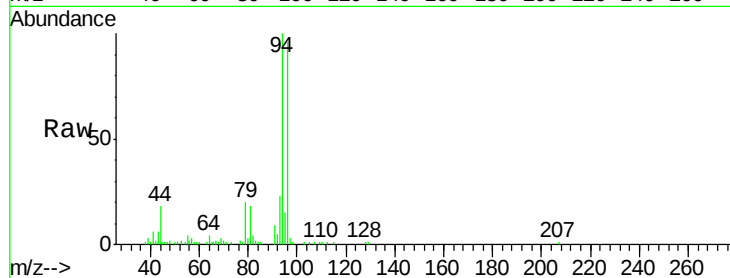
ClientSampleId :

Tot Ion: 94 Resp: 24028

Ion Ratio Lower Upper

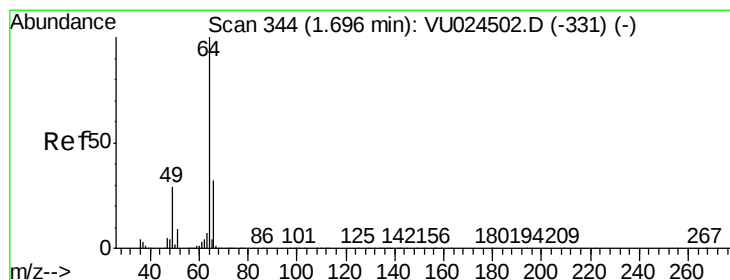
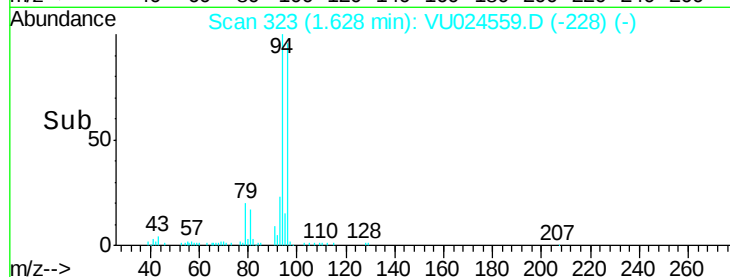
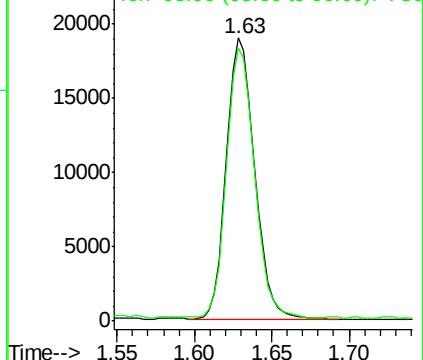
94 100

96 95.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 20.033 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024559.D

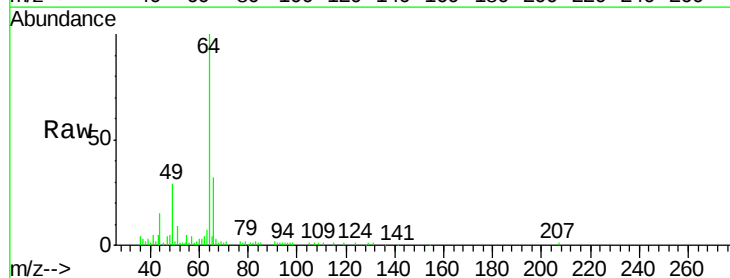
Acq: 14 Jun 2018 23:26

Tgt Ion: 64 Resp: 25605

Ion Ratio Lower Upper

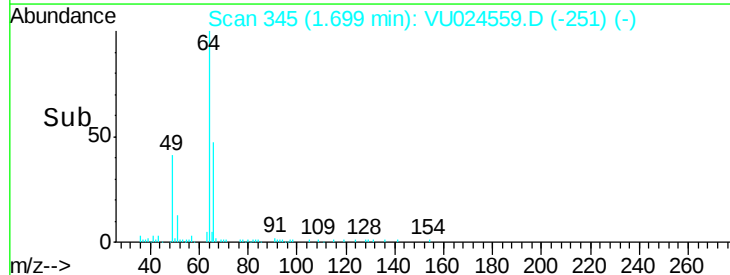
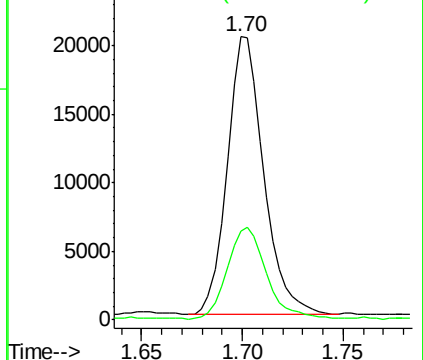
64 100

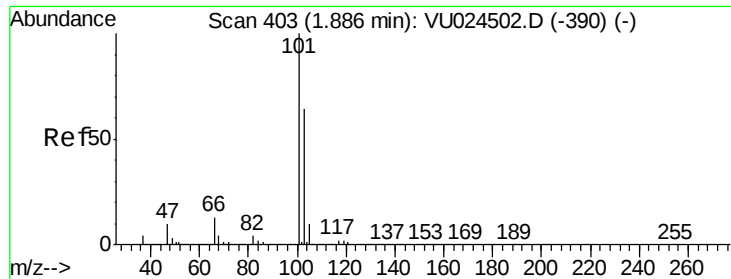
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



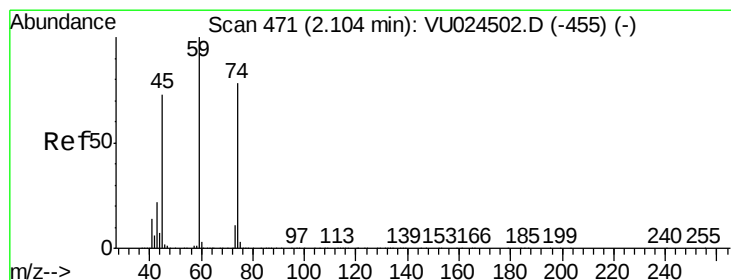
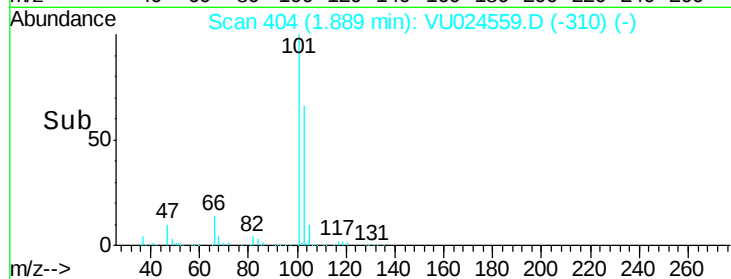
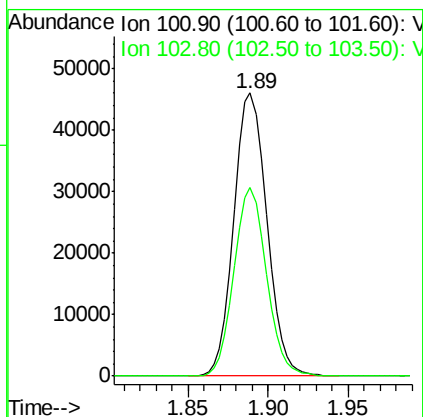
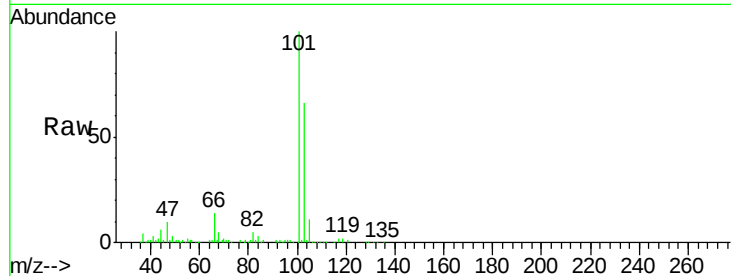


#7

Trichlorofluoromethane
Concen: 19.118 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :

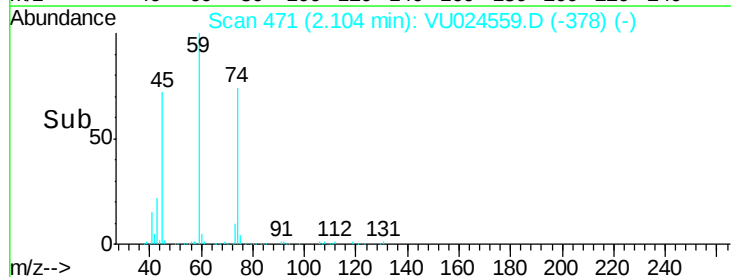
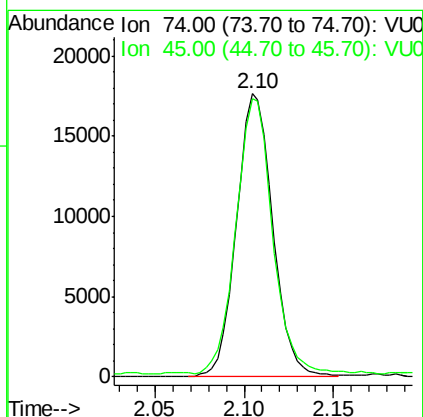
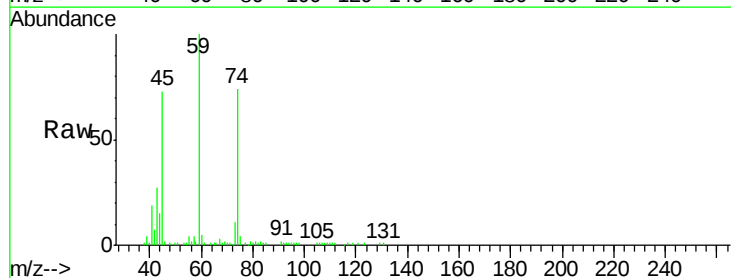
Tot Ion:101 Resp: 64698
Ion Ratio Lower Upper
101 100
103 66.5 52.3 78.5

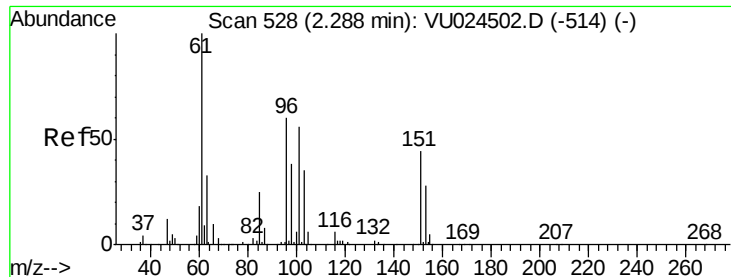


#8

Diethyl Ether
Concen: 20.662 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 74 Resp: 25067
Ion Ratio Lower Upper
74 100
45 98.2 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.597 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampled :

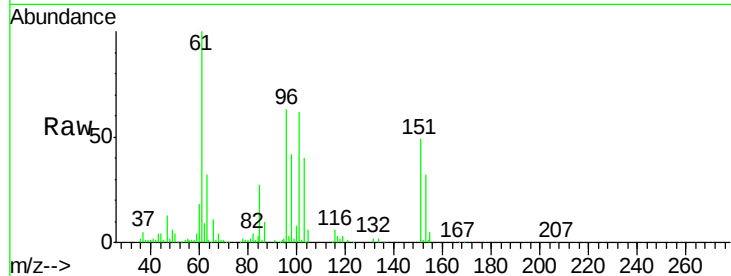
Tot Ion:101 Resp: 36944

Ion Ratio Lower Upper

101 100

85 45.8 36.0 54.0

151 79.6 62.3 93.5



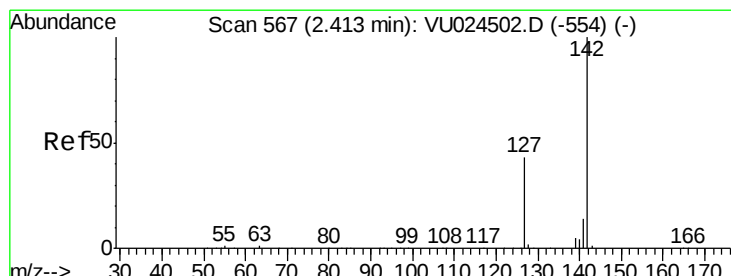
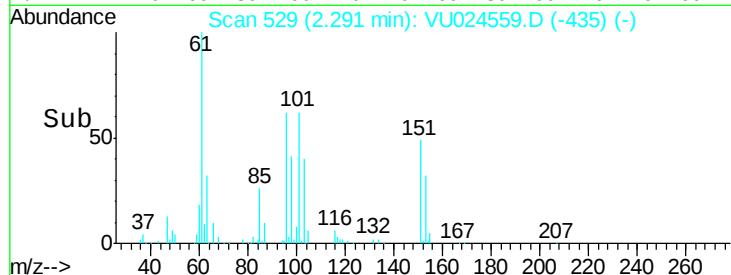
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V

2.29

Time-->



#10

Methyl Iodide

Concen: 18.344 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

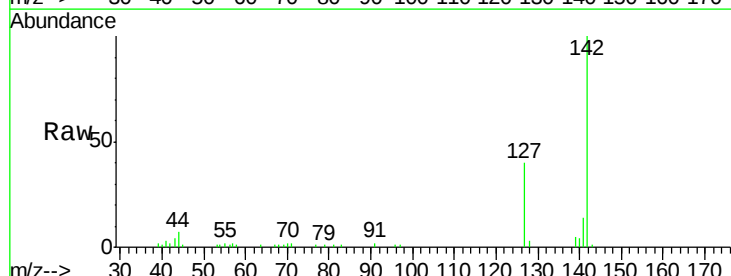
Tgt Ion:142 Resp: 25940

Ion Ratio Lower Upper

142 100

127 40.9 35.6 53.4

141 14.0 11.7 17.5



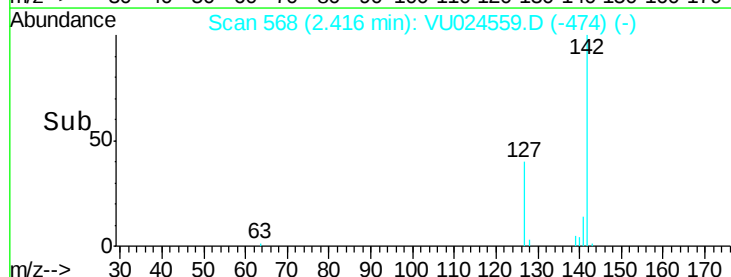
Abundance Ion 141.80 (141.50 to 142.50): V

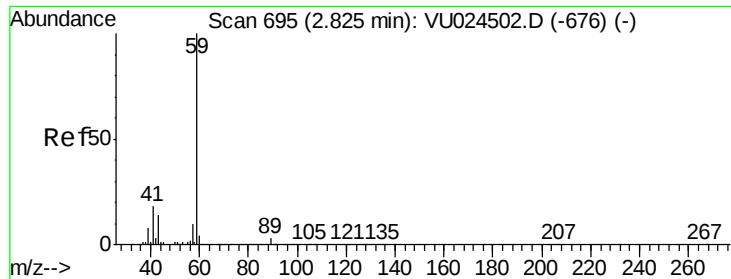
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.42

Time-->

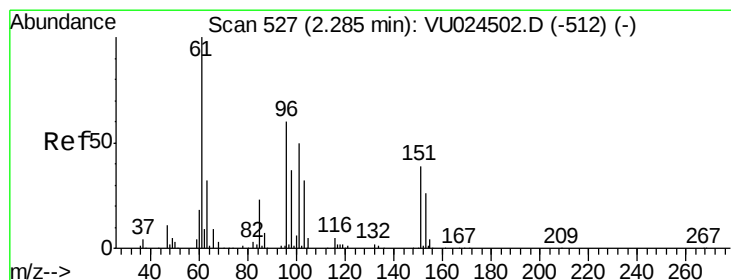
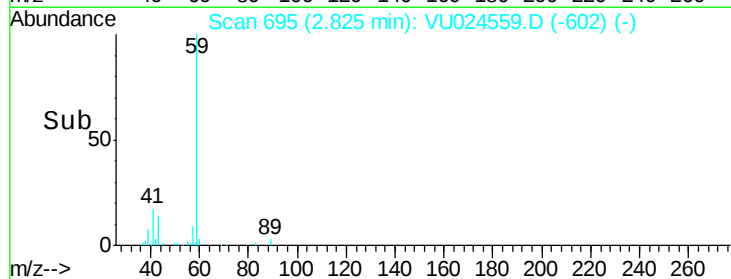
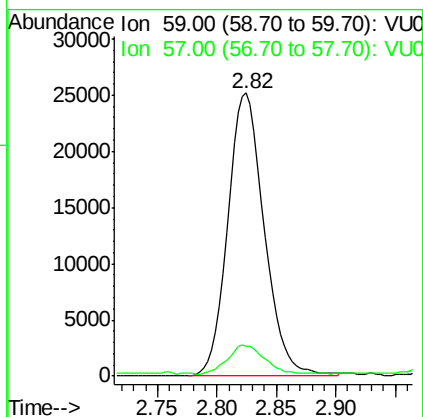
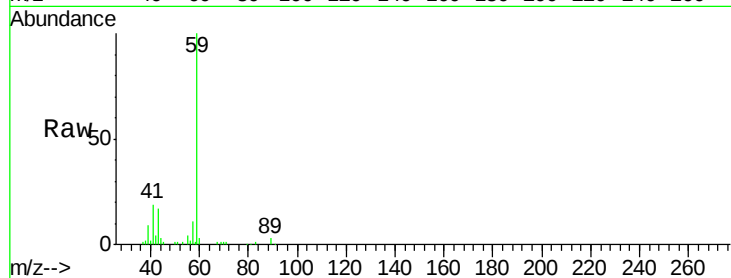




#11
Tert butyl alcohol
Concen: 80.143 ug/l
RT: 2.82 min Scan# 695
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

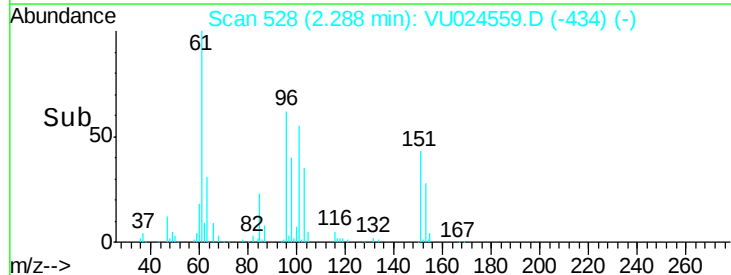
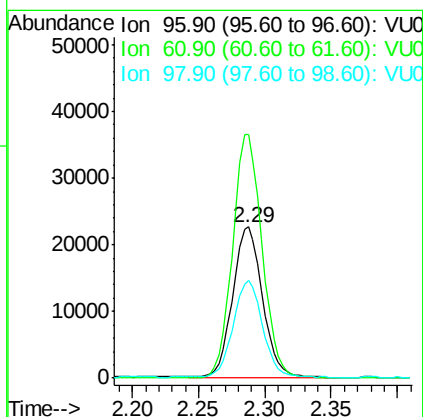
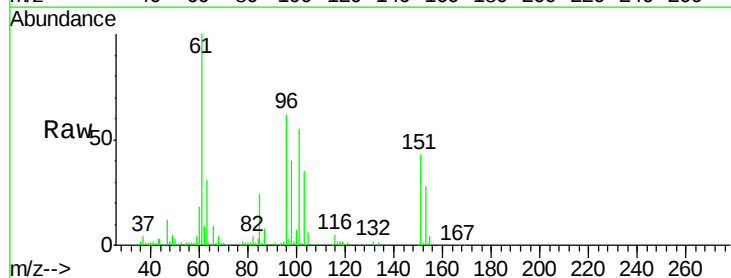
Instrument :
MSVOA_U
ClientSampled :

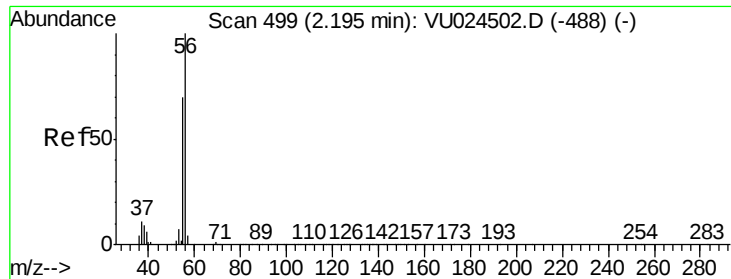
Tot Ion: 59 Resp: 53504
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.489 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 96 Resp: 35399
Ion Ratio Lower Upper
96 100
61 161.5 141.7 212.5
98 64.4 51.6 77.4





#13

Acrolein

Concen: 75.729 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

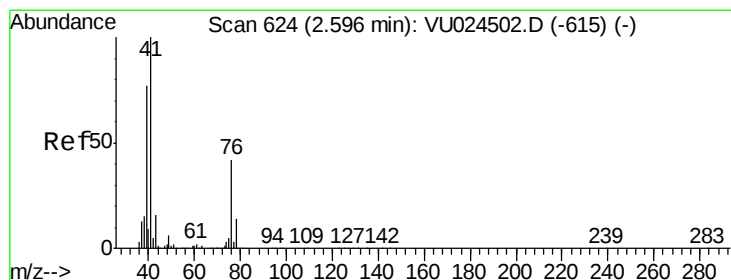
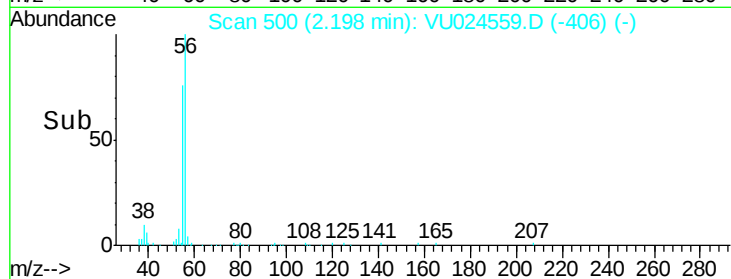
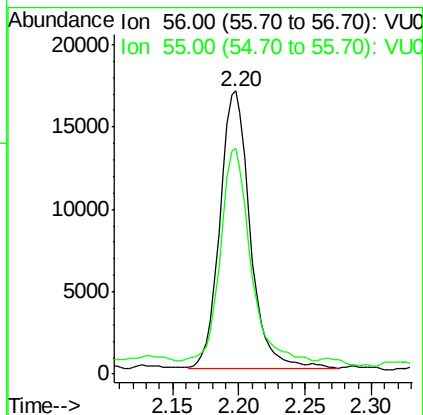
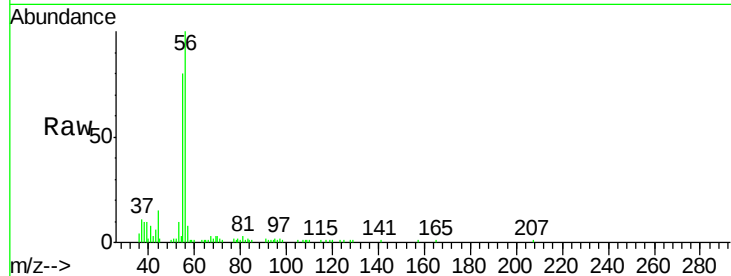
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 26549

Ion Ratio Lower Upper

56 100

55 76.8 58.4 87.6



#14

Allyl chloride

Concen: 17.035 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

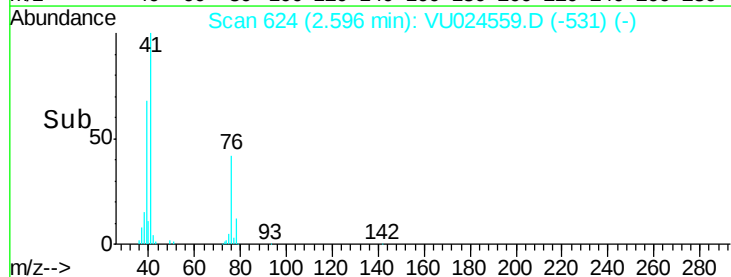
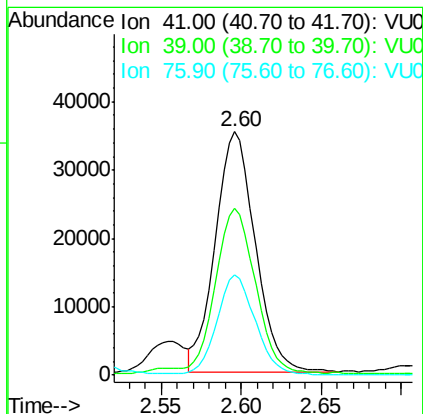
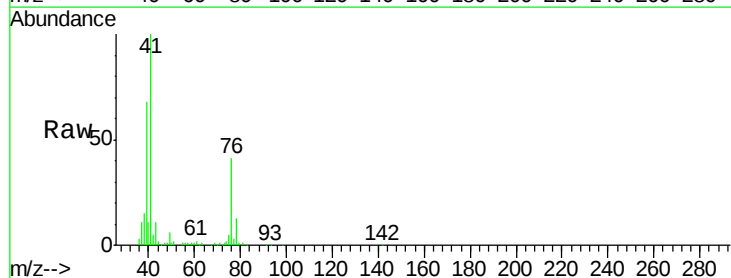
Tgt Ion: 41 Resp: 60558

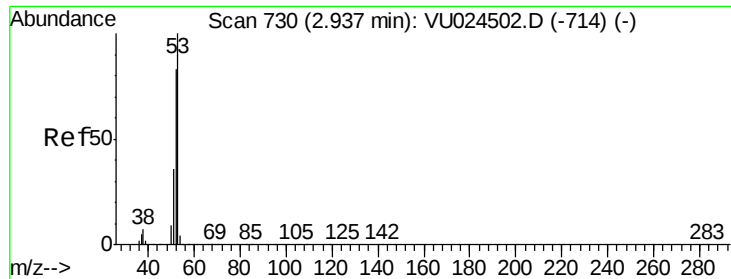
Ion Ratio Lower Upper

41 100

39 67.6 61.6 92.4

76 40.2 29.7 44.5





#15

Acrylonitrile

Concen: 97.280 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

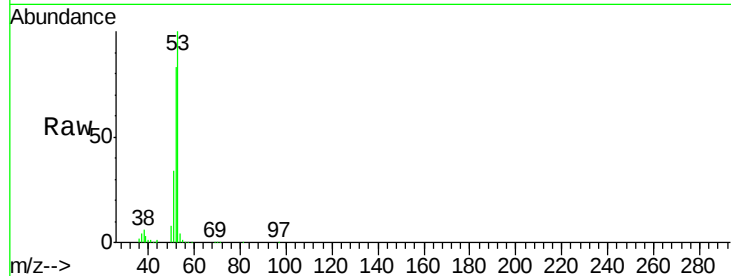
Tot Ion: 53 Resp: 126357

Ion Ratio Lower Upper

53 100

52 81.6 67.1 100.7

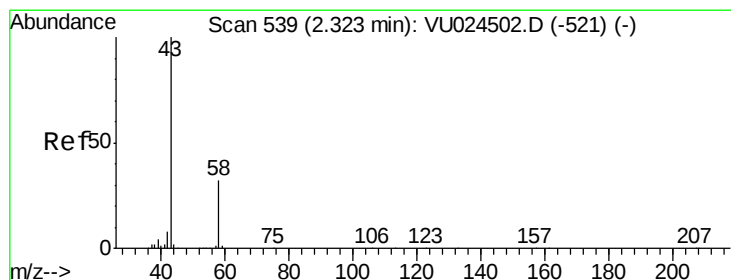
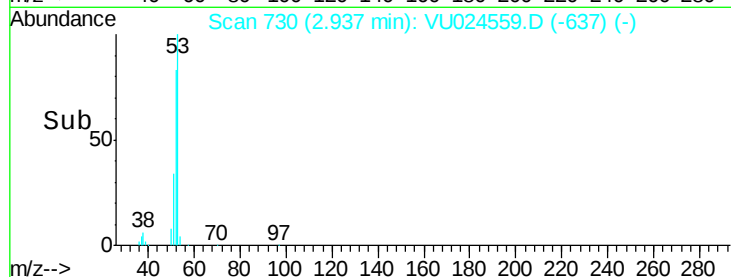
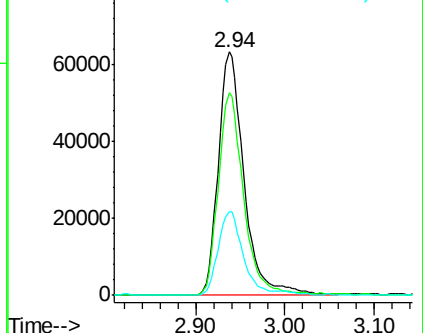
51 33.1 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 70.058 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024559.D

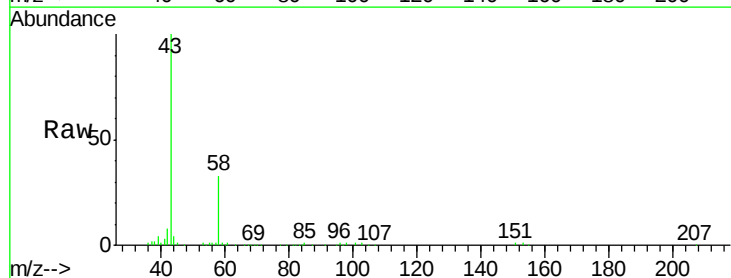
Acq: 14 Jun 2018 23:26

Tgt Ion: 43 Resp: 103327

Ion Ratio Lower Upper

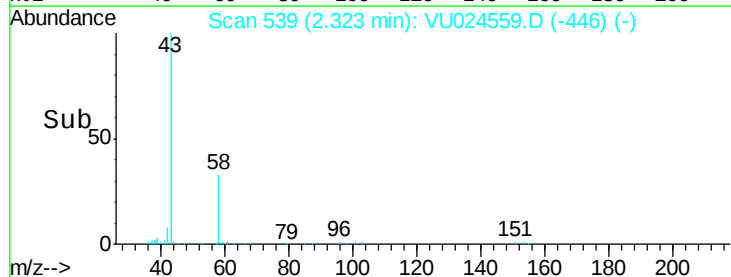
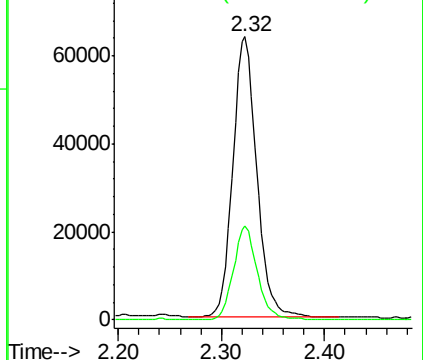
43 100

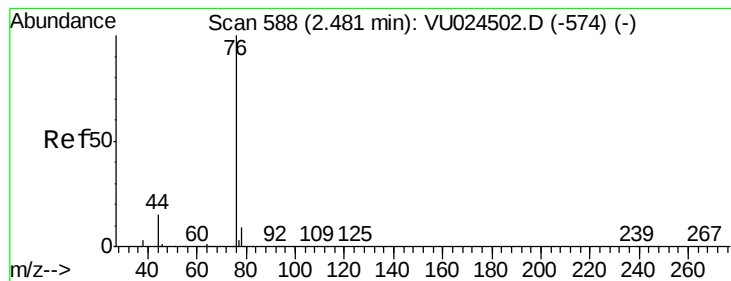
58 33.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 18.402 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

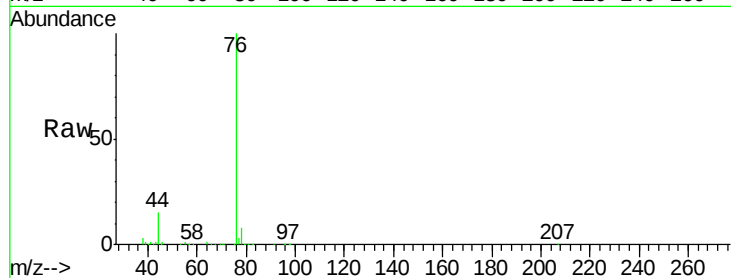
ClientSampleId :

Tot Ion: 76 Resp: 112811

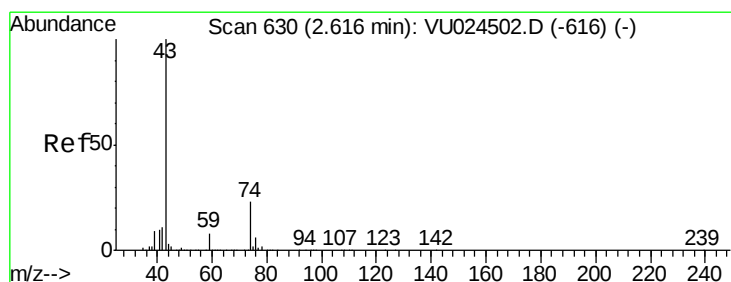
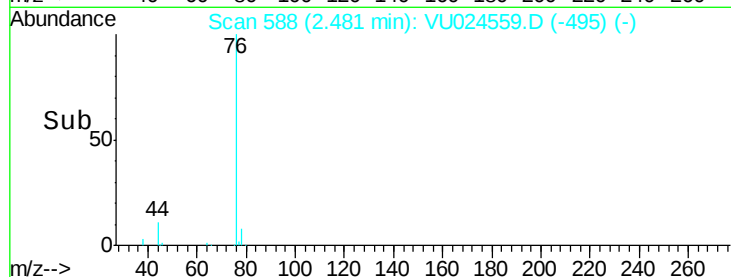
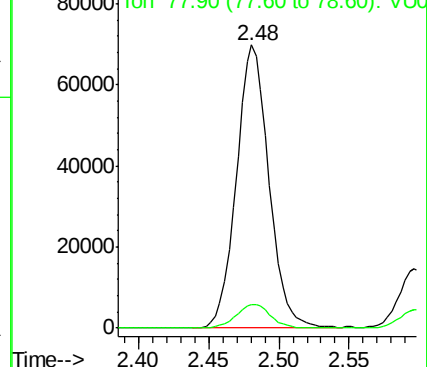
Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU024559.D (-495) (-)



#18

Methyl Acetate

Concen: 19.030 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU024559.D

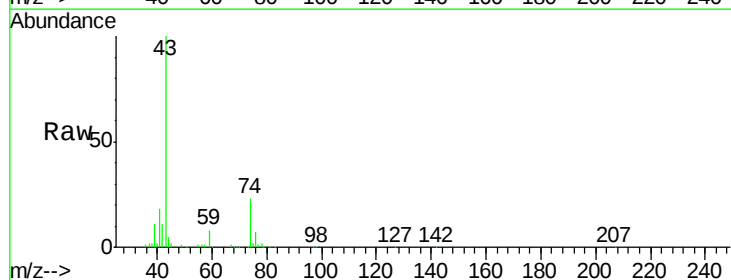
Acq: 14 Jun 2018 23:26

Tgt Ion: 43 Resp: 60171

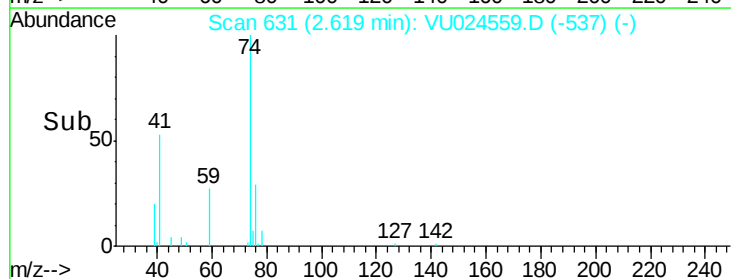
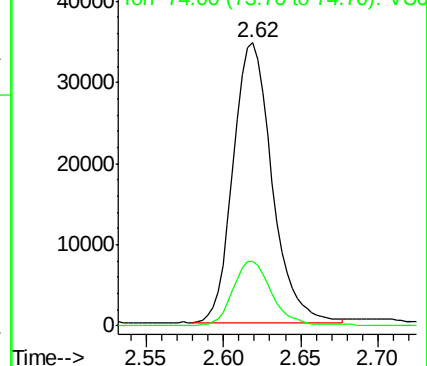
Ion Ratio Lower Upper

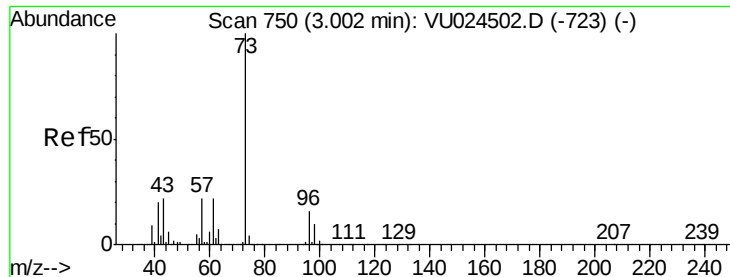
43 100

74 23.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU024559.D (-537) (-)

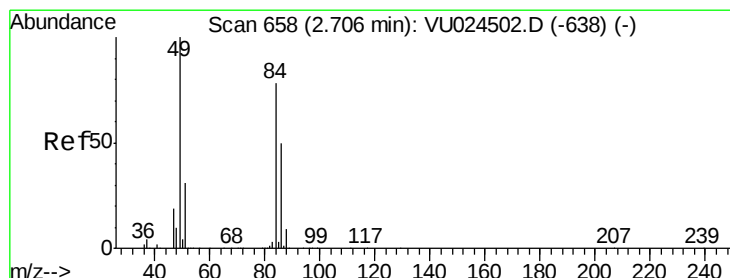
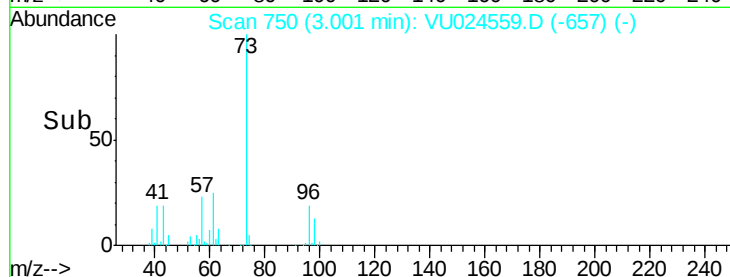
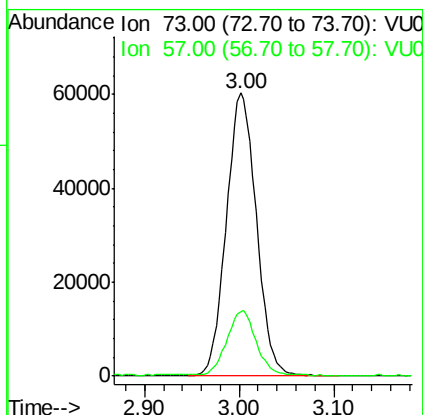
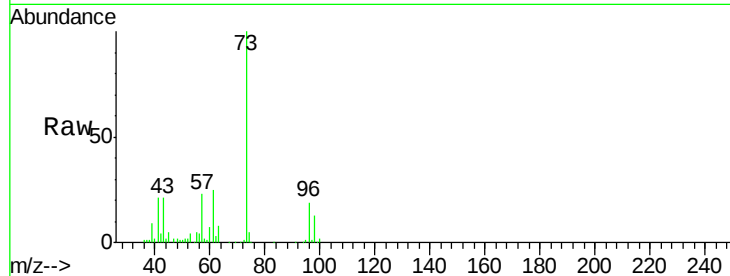




#19
Methyl tert-butyl Ether
Concen: 18.490 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

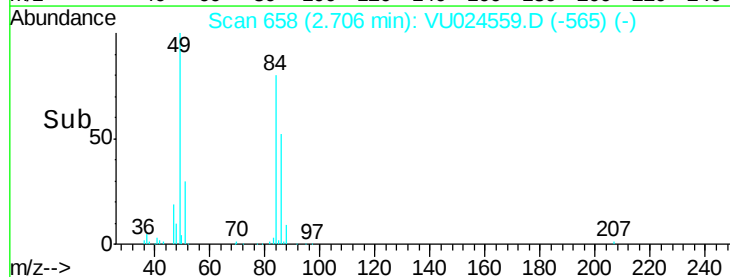
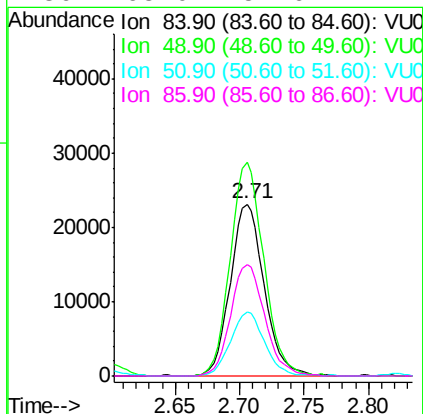
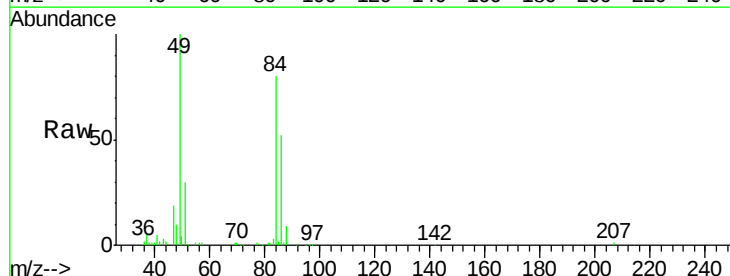
Instrument :
MSVOA_U
ClientSampleId :

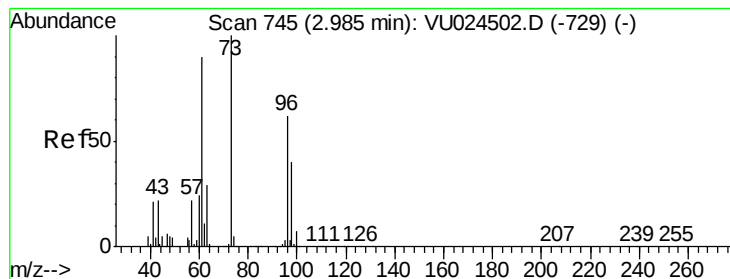
Tot Ion: 73 Resp: 133070
Ion Ratio Lower Upper
73 100
57 22.6 18.8 28.2



#20
Methylene Chloride
Concen: 18.284 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 84 Resp: 42313
Ion Ratio Lower Upper
84 100
49 124.3 103.8 155.8
51 37.4 32.0 48.0
86 65.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 18.777 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :

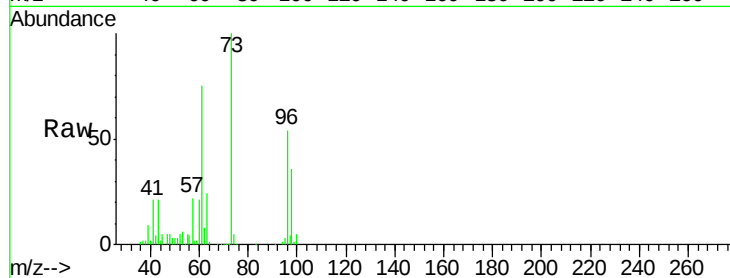
Tot Ion: 96 Resp: 39596

Ion Ratio Lower Upper

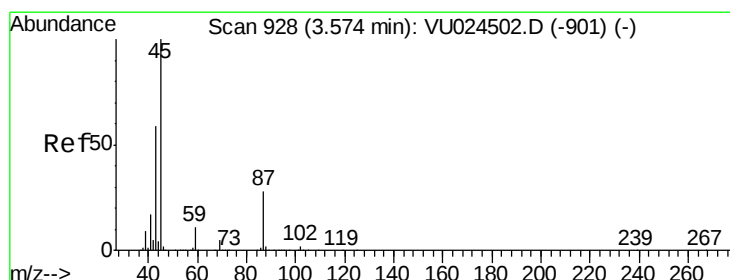
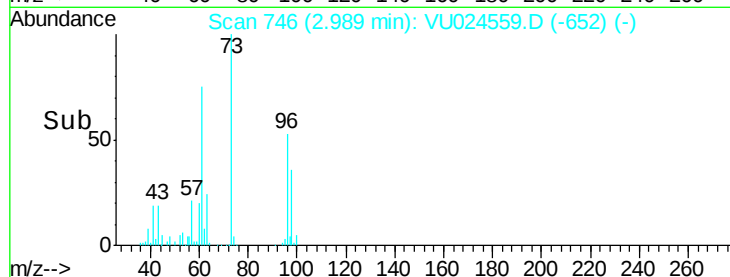
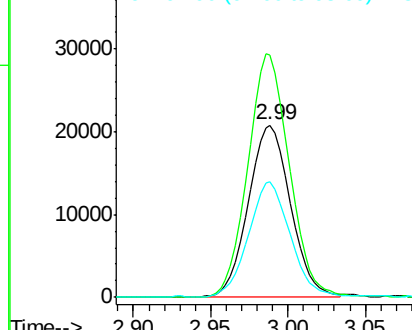
96 100

61 140.5 119.4 179.0

98 66.8 51.1 76.7



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



#22

Diisopropyl ether

Concen: 18.748 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion: 45 Resp: 132116

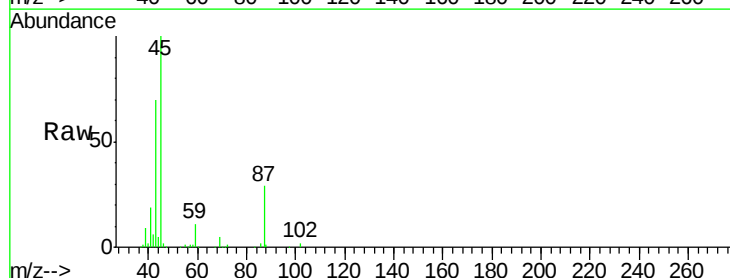
Ion Ratio Lower Upper

45 100

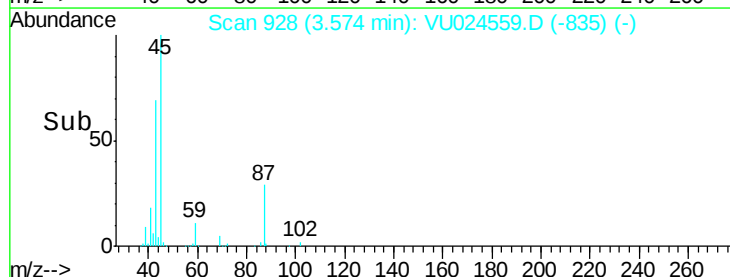
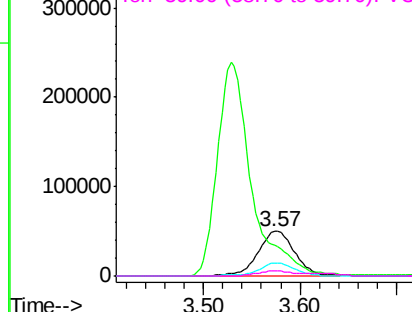
43 68.4 45.8 68.6

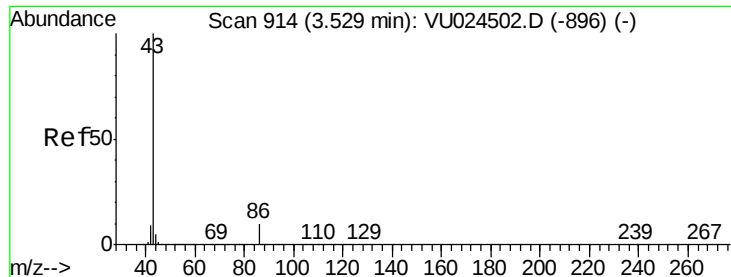
87 29.3 20.6 31.0

59 11.4 9.4 14.0



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





#23

Vinyl Acetate

Concen: 93.363 ug/l

RT: 3.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

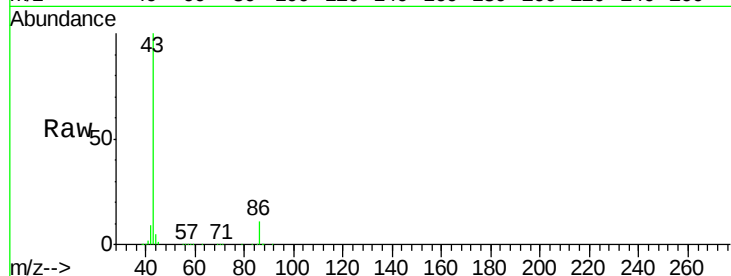
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 589362

Ion Ratio Lower Upper

43 100

86 10.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU024559.D (-821) (-)

Ion 86.00 (85.70 to 86.70): VU024559.D (-821) (-)

3.53

250000

200000

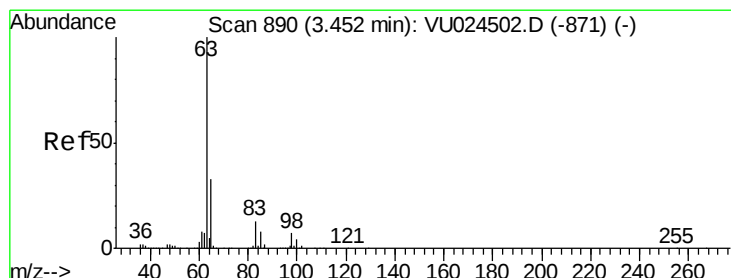
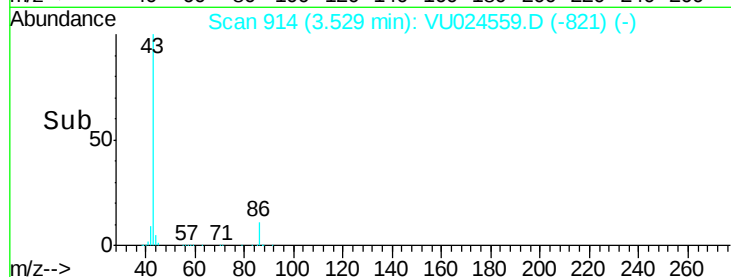
150000

100000

50000

0

Time--> 3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 18.878 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

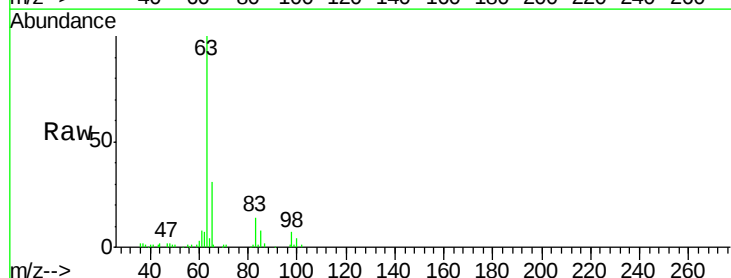
Tgt Ion: 63 Resp: 76531

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU024559.D (-797) (-)

Ion 97.90 (97.60 to 98.60): VU024559.D (-797) (-)

Ion 99.90 (99.60 to 100.60): VU024559.D (-797) (-)

3.45

40000

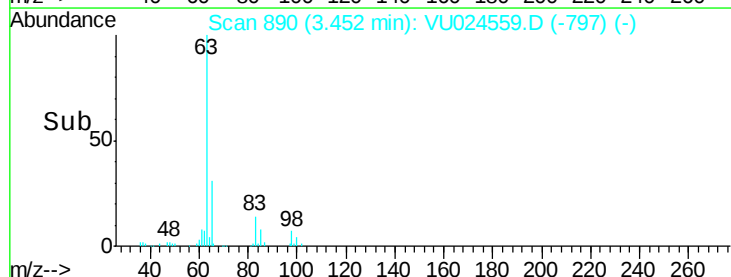
30000

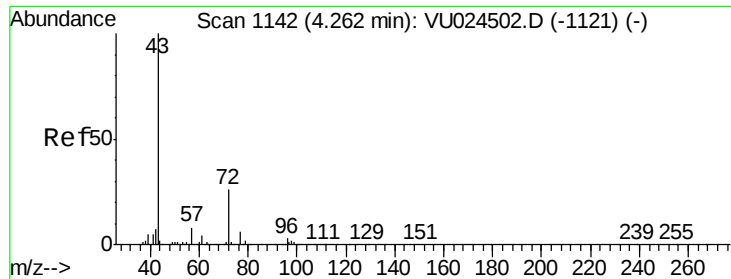
20000

10000

0

Time--> 3.40 3.50 3.60

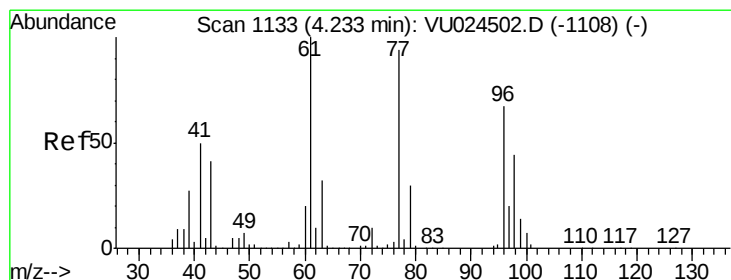
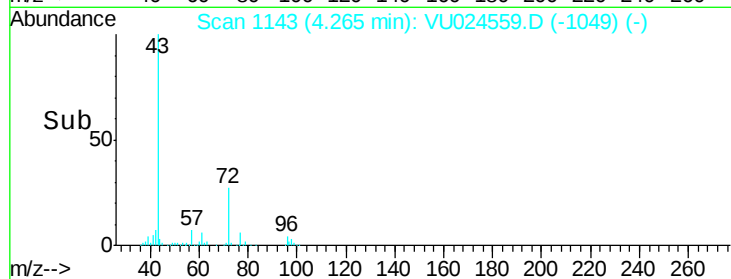
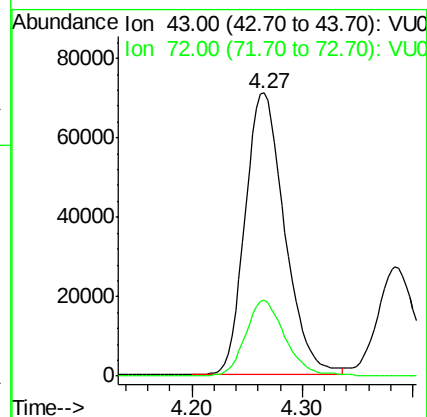
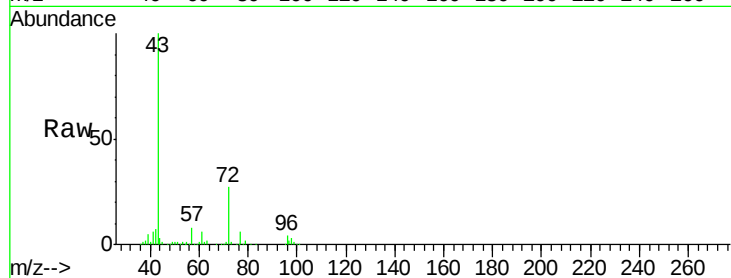




#25
2-Butanone
Concen: 88.401 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

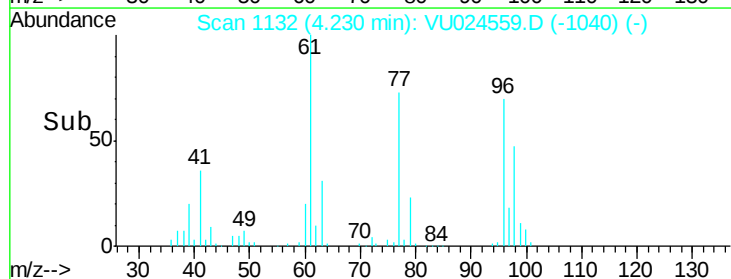
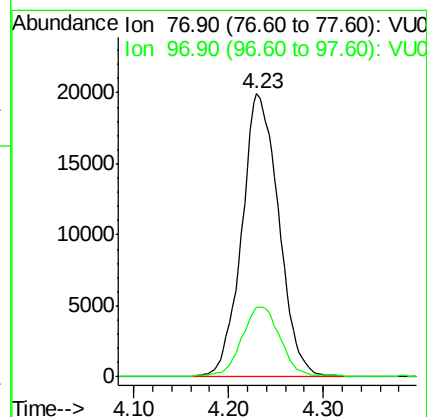
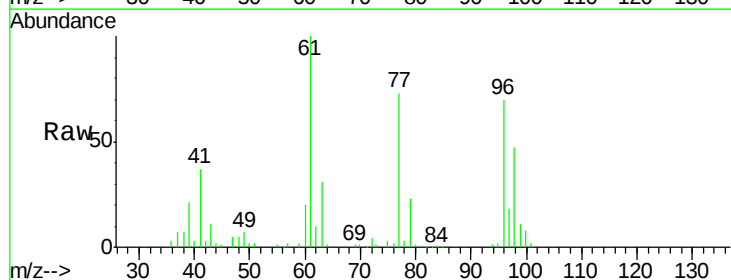
Instrument :
MSVOA_U
ClientSampled :

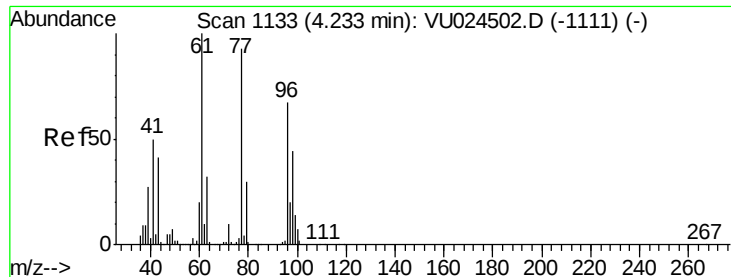
Tot Ion: 43 Resp: 175131
Ion Ratio Lower Upper
43 100
72 26.9 19.6 29.4



#26
2,2-Dichloropropane
Concen: 14.018 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 77 Resp: 53962
Ion Ratio Lower Upper
77 100
97 25.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.418 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :

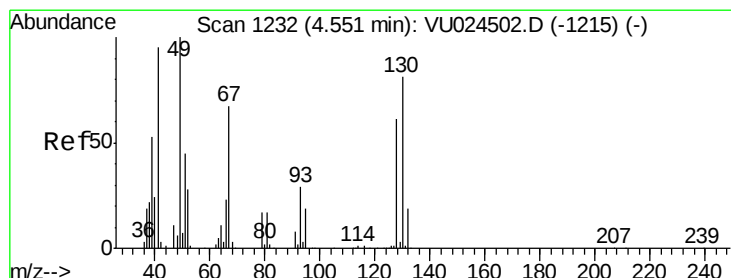
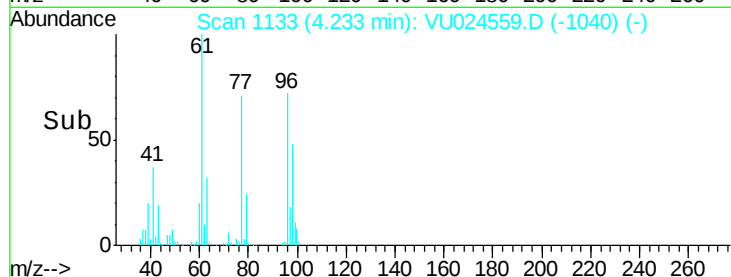
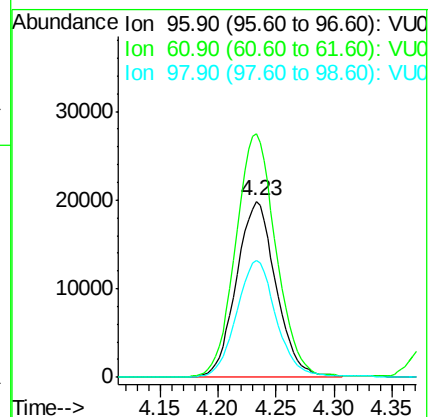
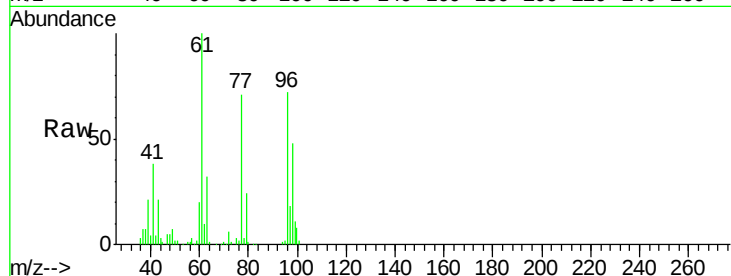
Tot Ion: 96 Resp: 47074

Ion Ratio Lower Upper

96 100

61 141.3 0.0 306.6

98 66.4 0.0 128.8



#28

Bromochloromethane

Concen: 20.786 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

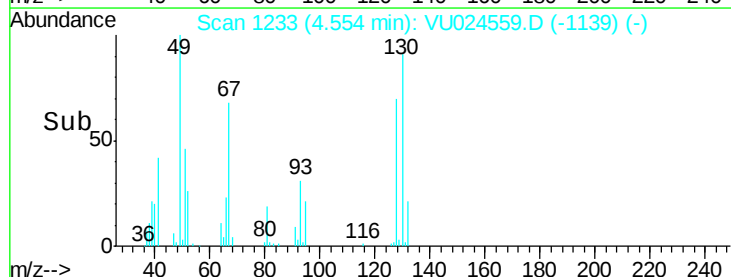
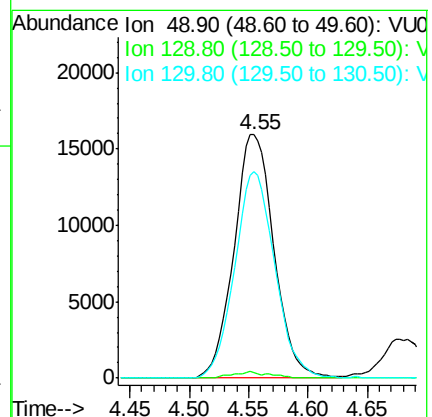
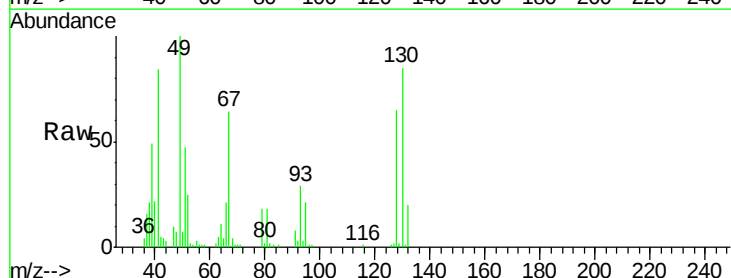
Tgt Ion: 49 Resp: 37115

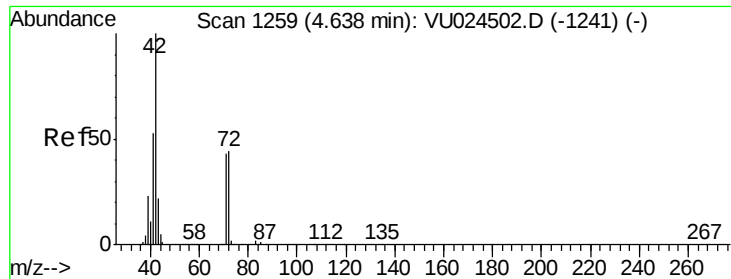
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 85.3 57.8 86.6

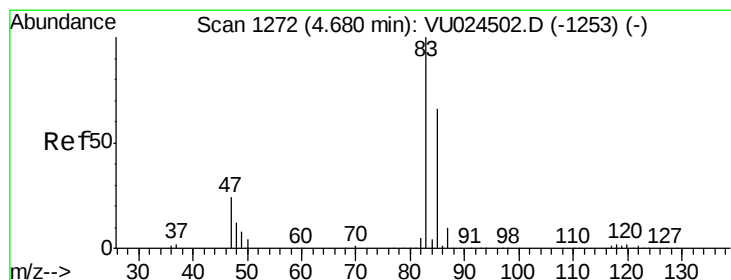
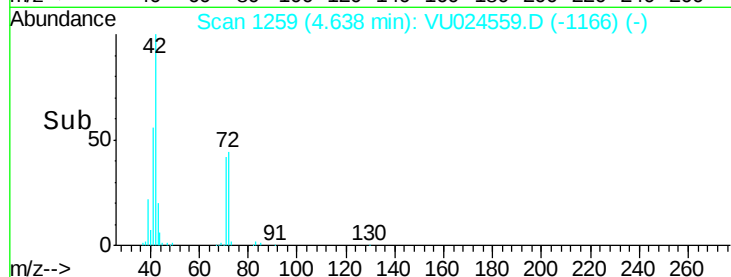
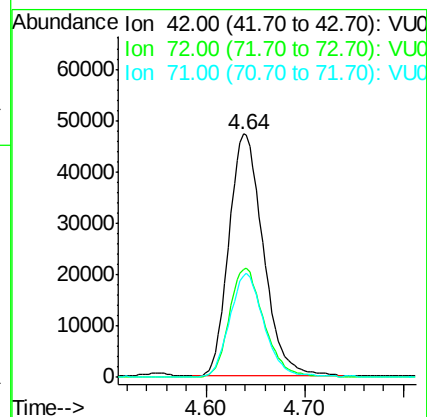
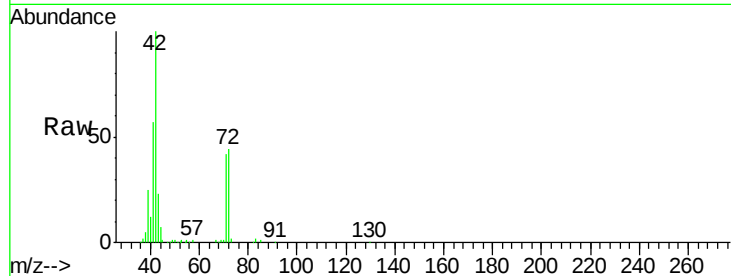




#29
Tetrahydrofuran
Concen: 93.748 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

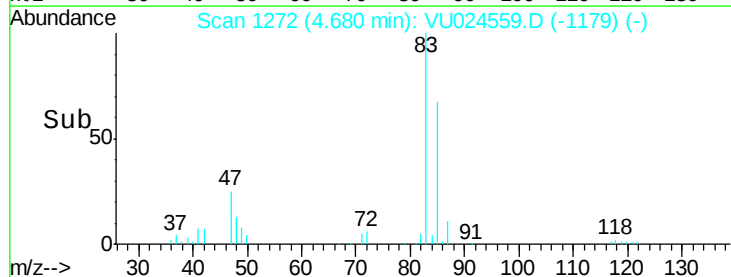
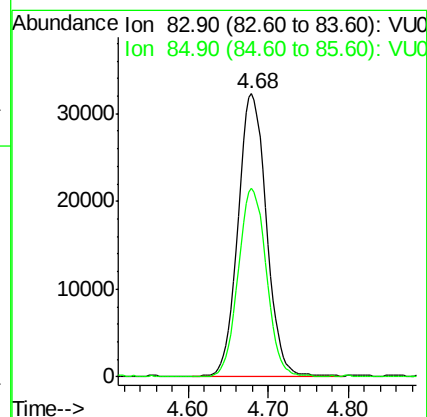
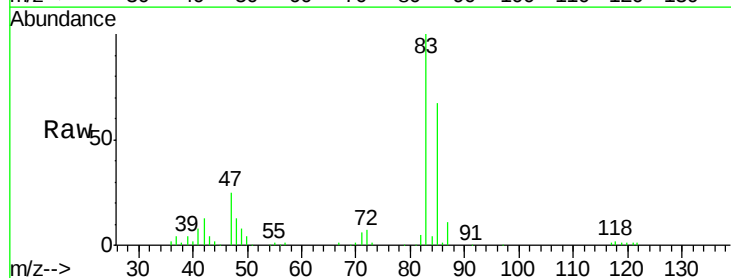
Instrument :
MSVOA_U
ClientSampled :

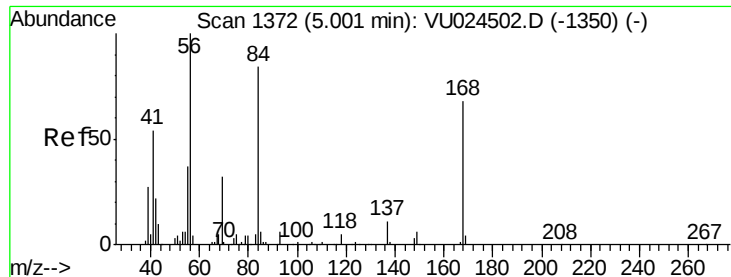
Tot Ion: 42 Resp: 115013
Ion Ratio Lower Upper
42 100
72 45.6 34.5 51.7
71 42.6 32.2 48.4



#30
Chloroform
Concen: 18.992 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 83 Resp: 77929
Ion Ratio Lower Upper
83 100
85 66.5 52.4 78.6

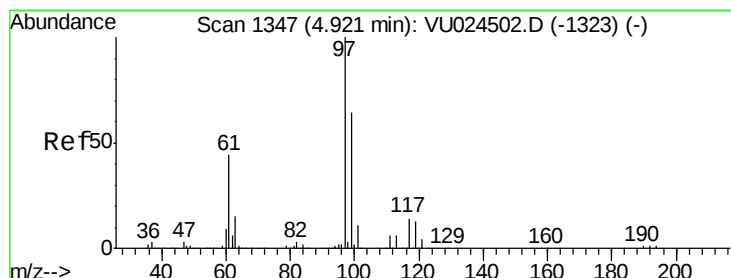
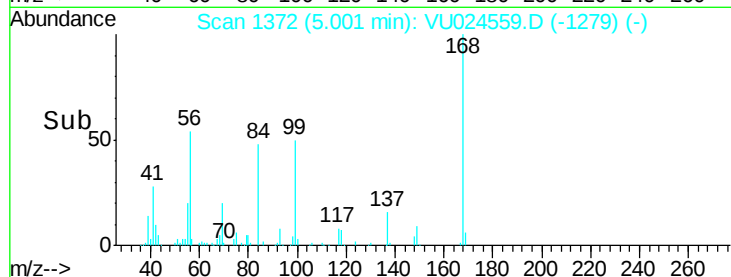
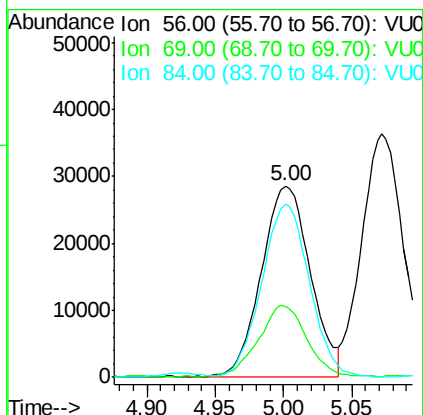
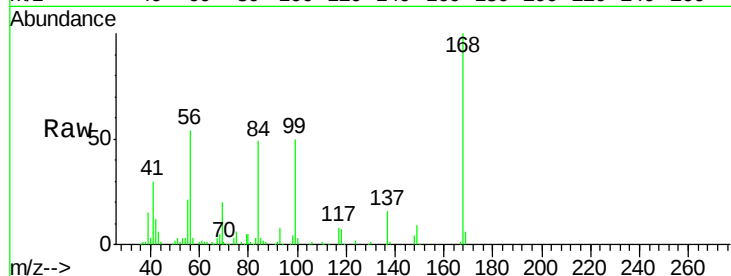




#31
Cyclohexane
Concen: 18.691 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

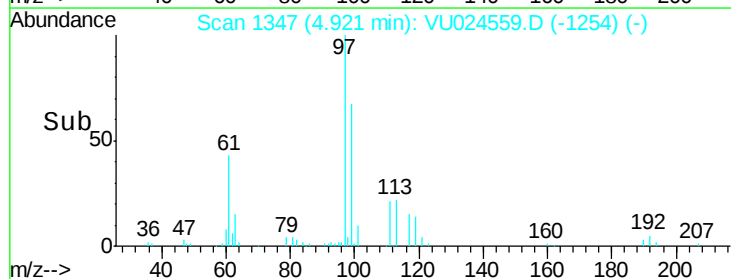
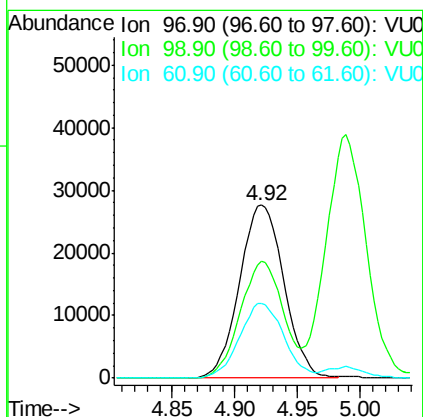
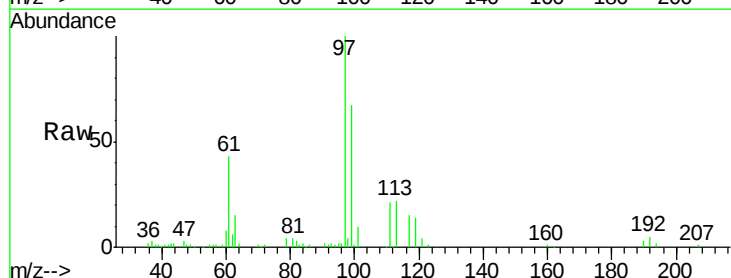
Instrument :
MSVOA_U
ClientSampleId :

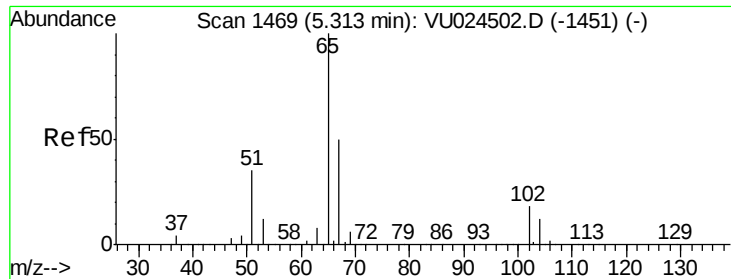
Tot Ion: 56 Resp: 71736
Ion Ratio Lower Upper
56 100
69 36.5 24.8 37.2
84 88.4 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 17.961 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 97 Resp: 68149
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.6
61 43.2 39.4 59.0





#33

1,2-Dichloroethane-d4

Concen: 46.567 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

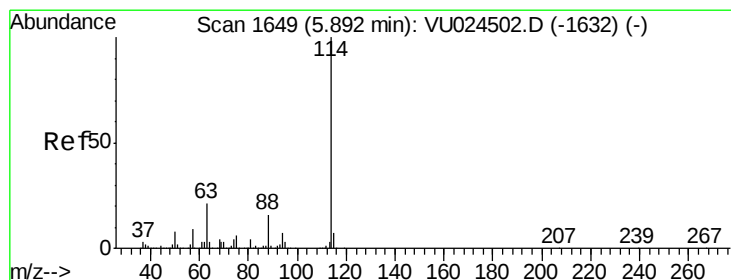
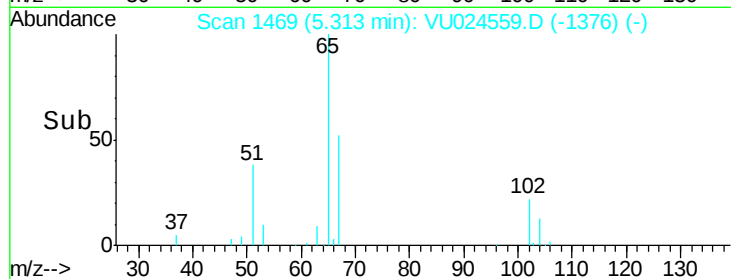
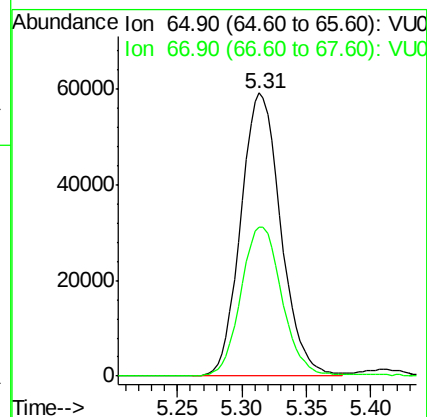
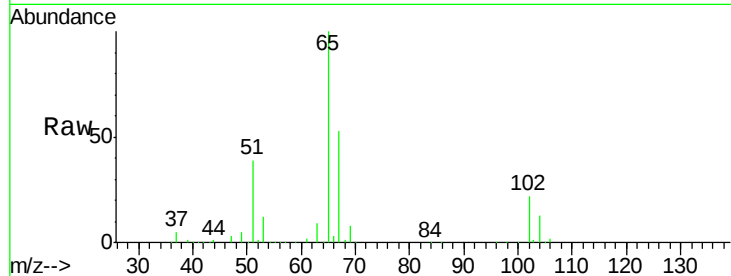
ClientSampleId :

Tot Ion: 65 Resp: 127825

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

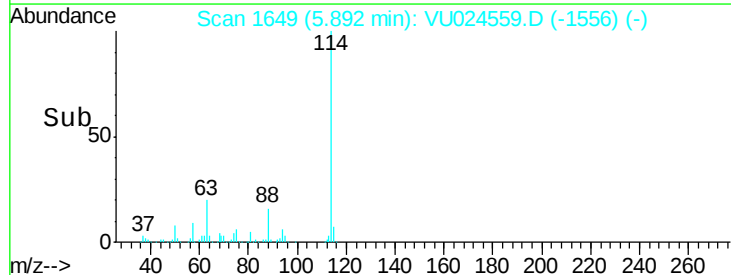
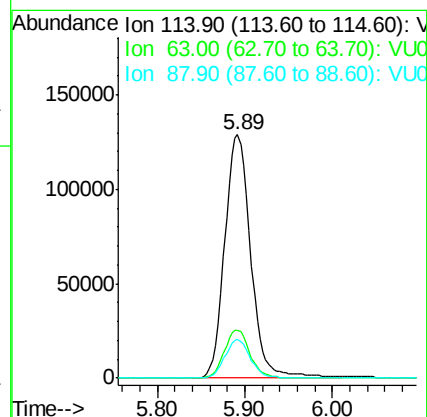
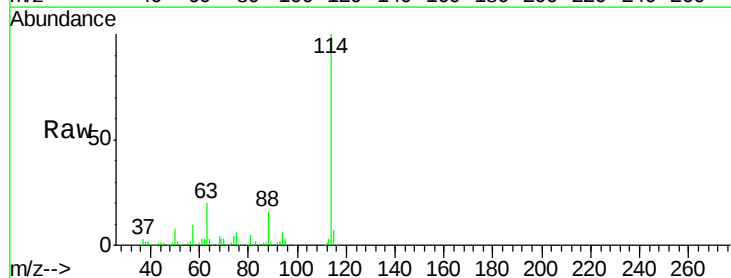
Tgt Ion: 114 Resp: 267034

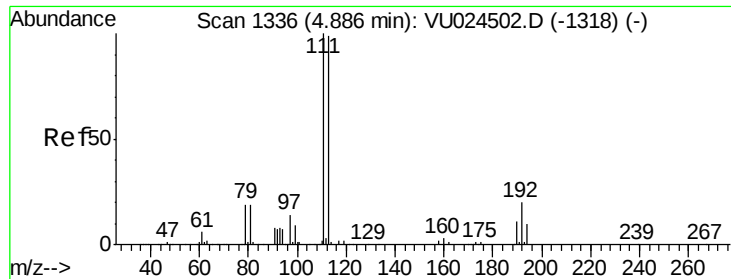
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.4

88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.485 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

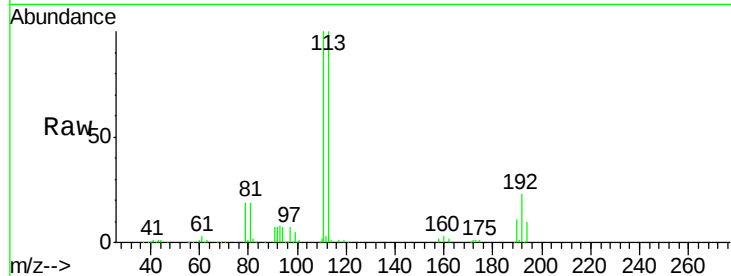
Tot Ion:113 Resp: 111884

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

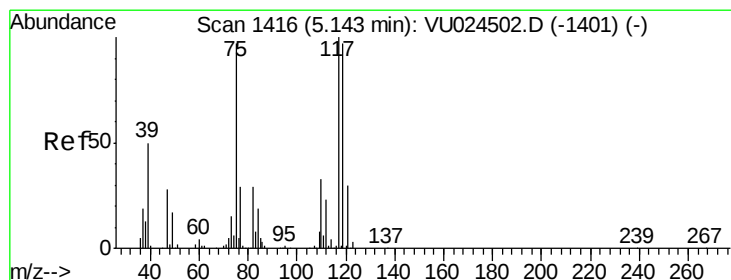
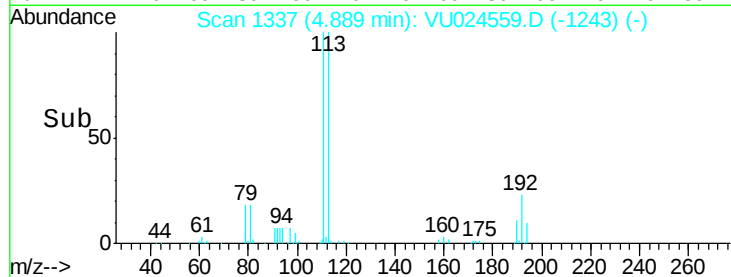
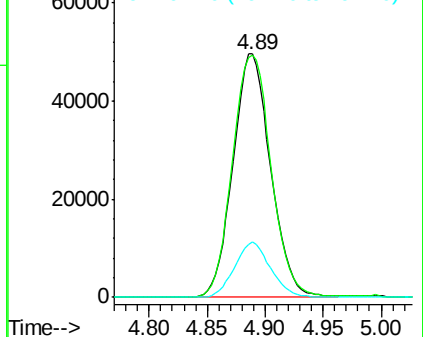
192 21.7 16.2 24.4



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: 17.966 ug/l

RT: 5.14 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

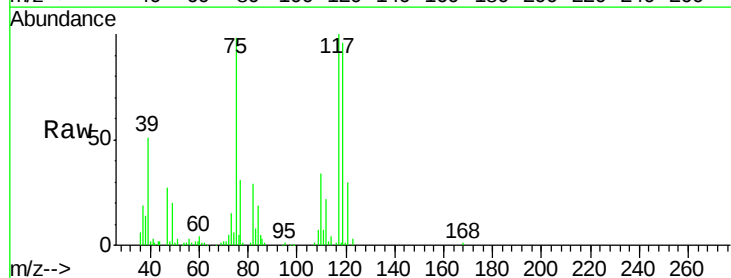
Tgt Ion: 75 Resp: 56374

Ion Ratio Lower Upper

75 100

110 36.5 17.0 50.9

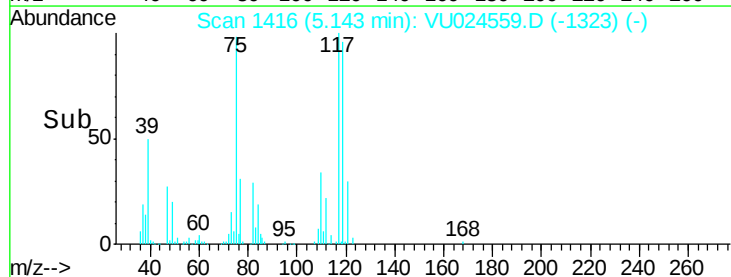
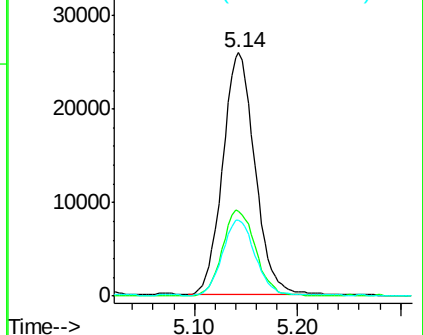
77 32.7 24.2 36.4

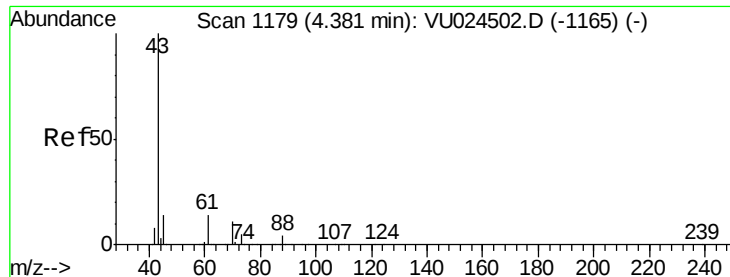


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

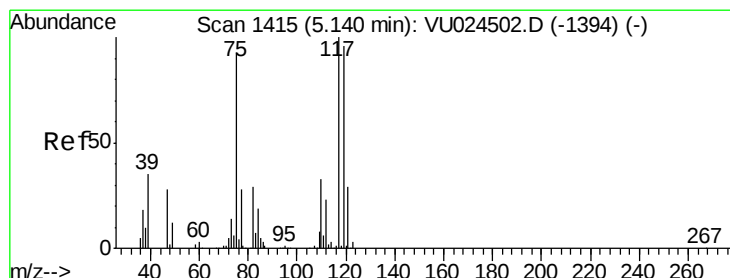
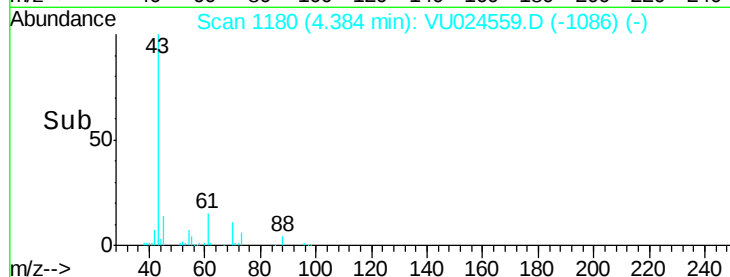
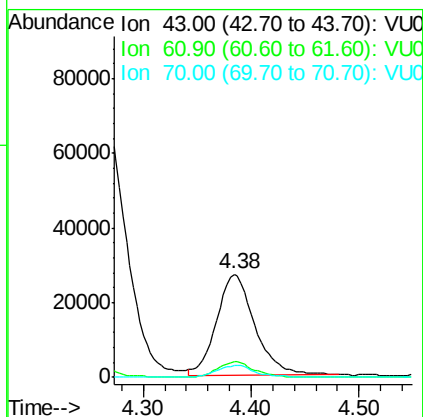
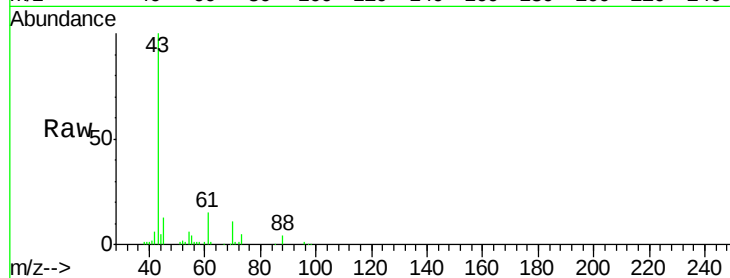




#37
Ethyl Acetate
Concen: 19.239 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

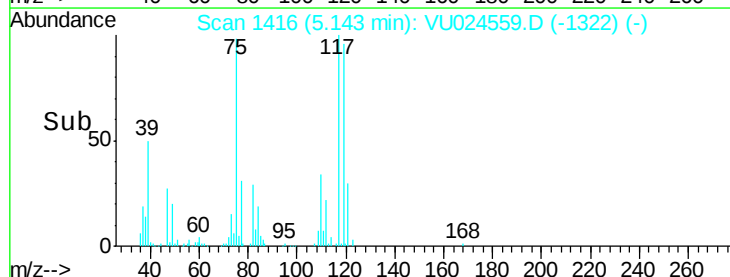
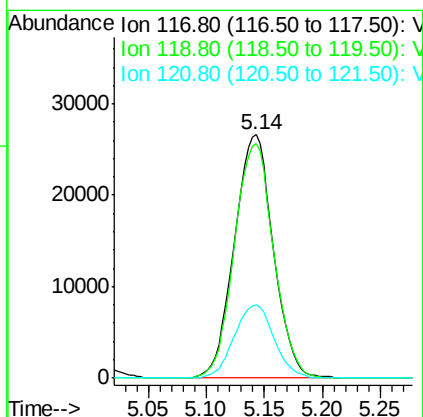
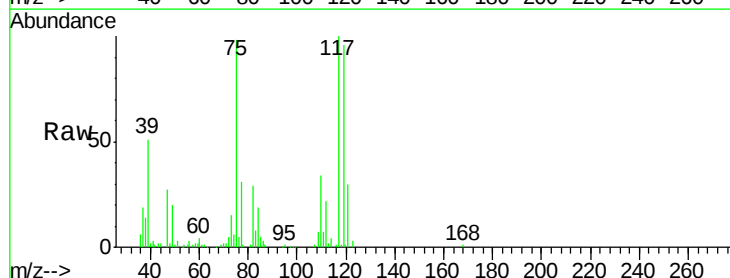
Instrument :
MSVOA_U
ClientSampled :

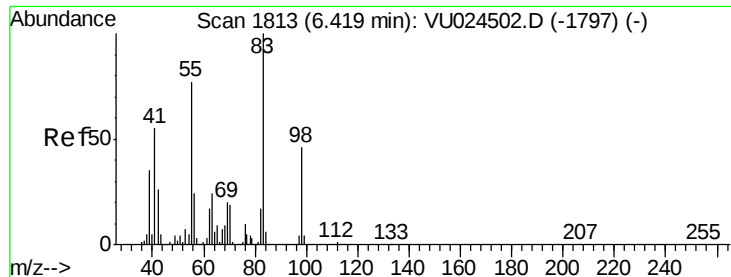
Tot Ion: 43 Resp: 65797
Ion Ratio Lower Upper
43 100
61 15.3 10.5 15.7
70 12.1 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 18.020 ug/l
RT: 5.14 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 117 Resp: 62180
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1
121 30.0 23.7 35.5

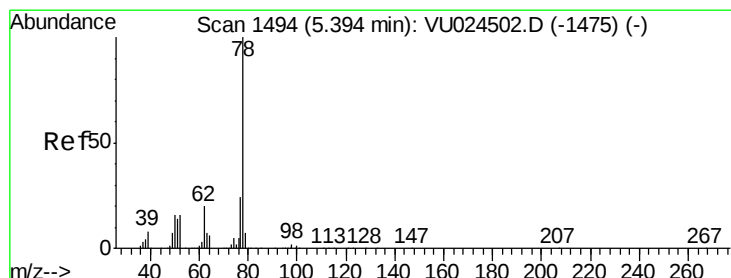
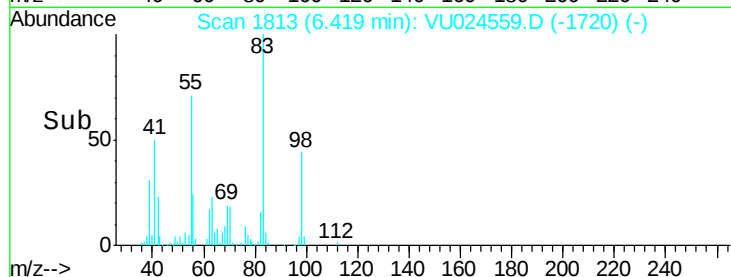
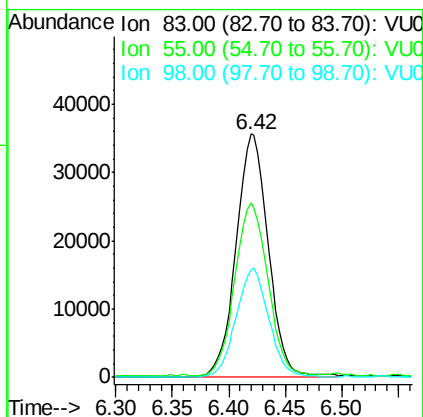
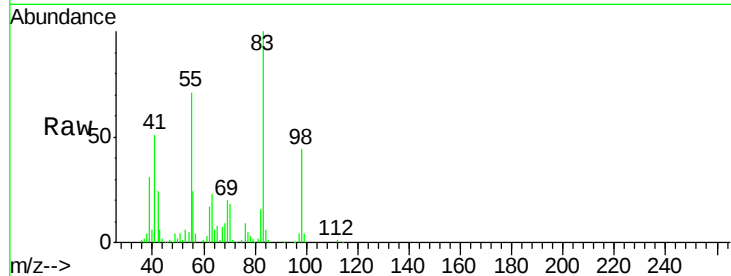




#39
Methvlcvclohexane
Concen: 17.951 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

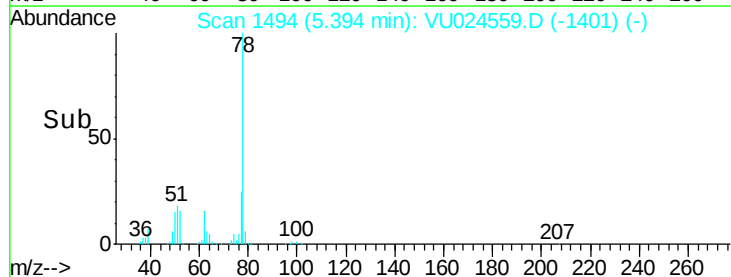
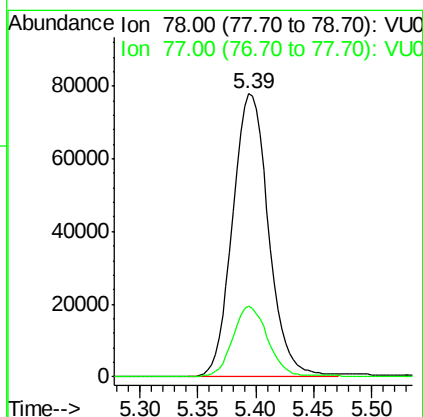
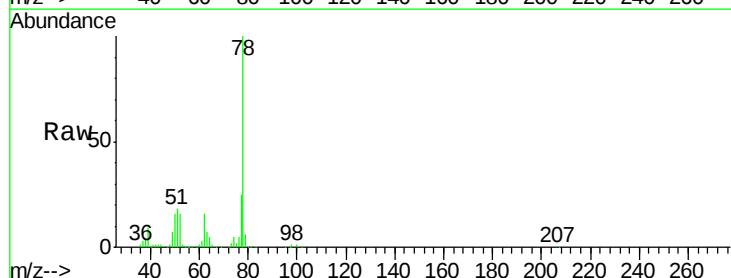
Instrument :
MSVOA_U
ClientSampleId :

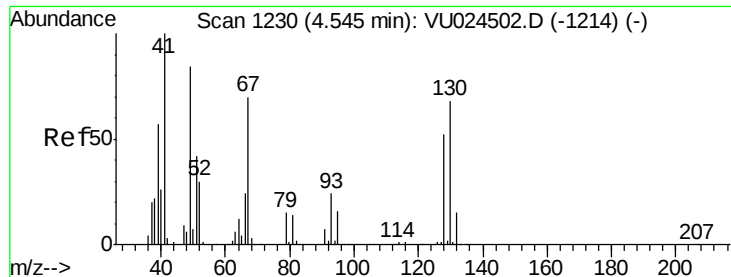
Tot Ion: 83 Resp: 70292
Ion Ratio Lower Upper
83 100
55 70.7 65.8 98.6
98 44.6 36.7 55.1



#40
Benzene
Concen: 18.839 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 78 Resp: 168443
Ion Ratio Lower Upper
78 100
77 24.9 19.2 28.8

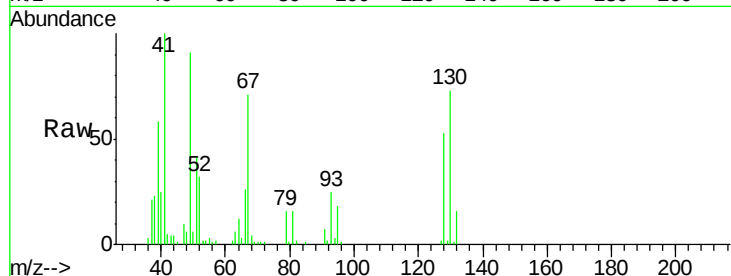




#41
Methacrylonitrile
Concen: 19.227 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	41	Resp:	35454
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.8	65.6
67	77.5	56.3	84.5
52	31.9	23.2	34.8



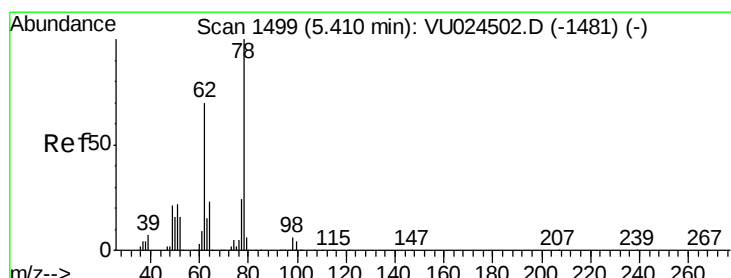
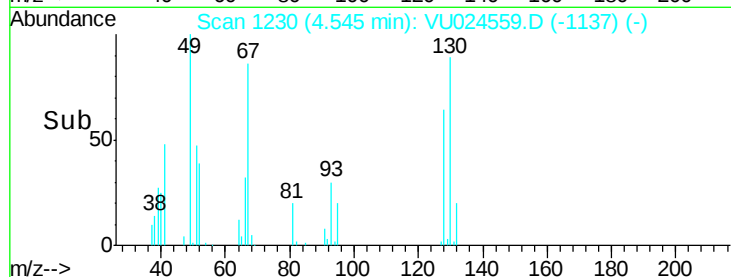
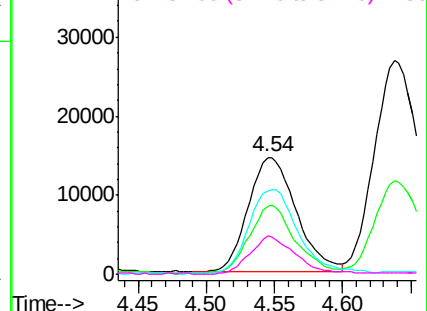
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

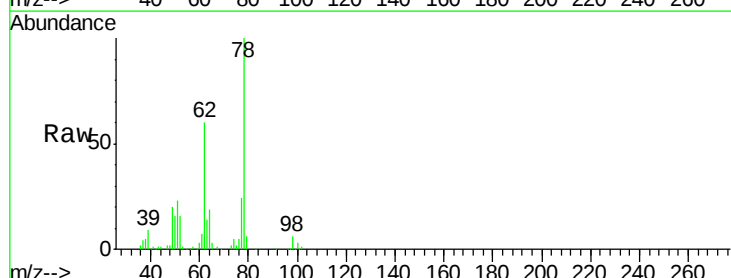
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 17.315 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

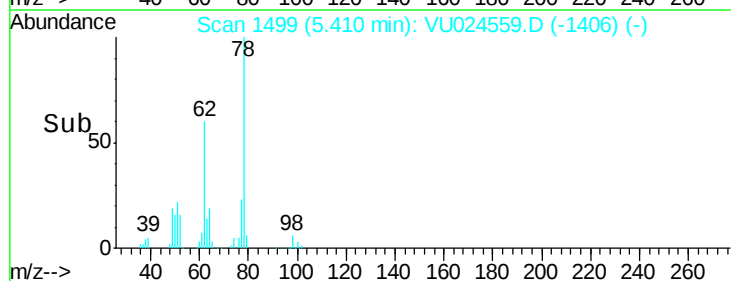
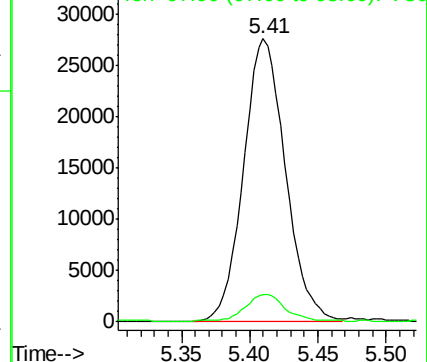
Tgt Ion:	62	Resp:	58963
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	16.6

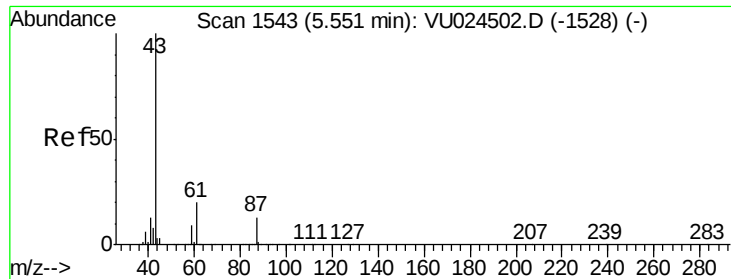


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

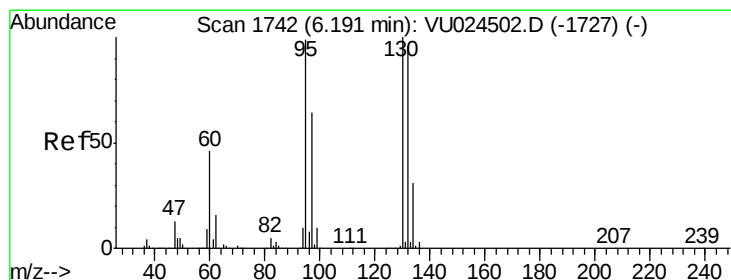
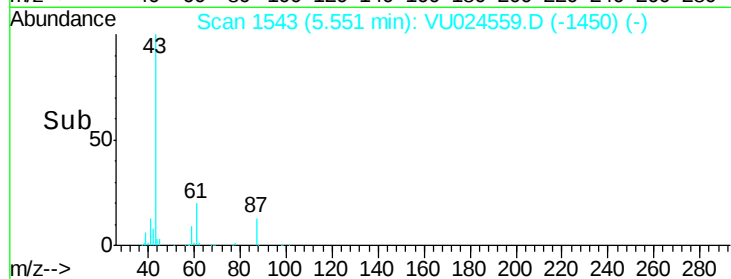
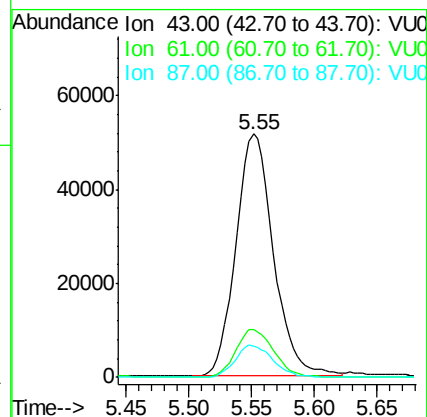
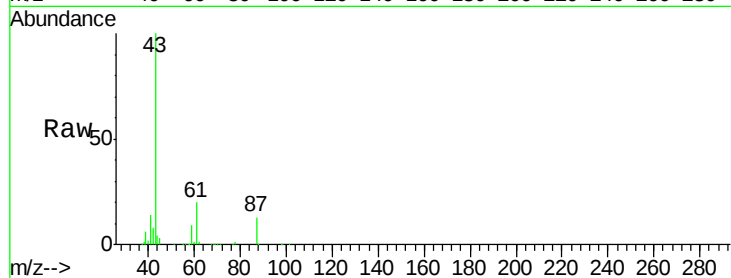




#43
Isopropyl Acetate
Concen: 18.199 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

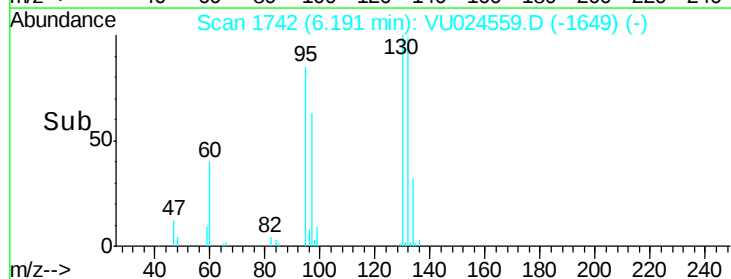
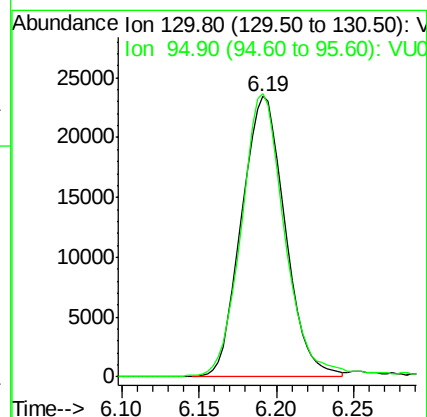
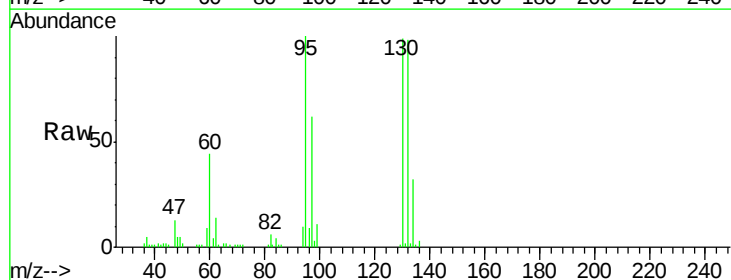
Instrument :
MSVOA_U
ClientSampleId :

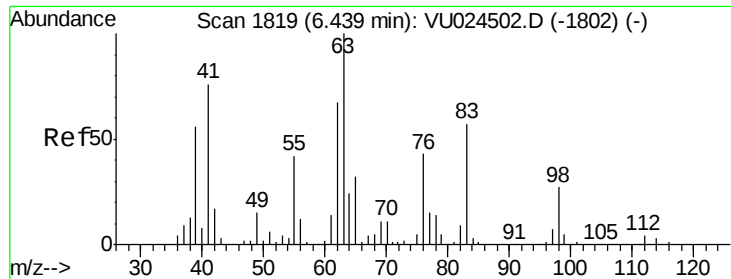
Tot Ion: 43 Resp: 107585
Ion Ratio Lower Upper
43 100
61 20.2 15.4 23.0
87 13.4 10.0 15.0



#44
Trichloroethene
Concen: 18.086 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion:130 Resp: 46023
Ion Ratio Lower Upper
130 100
95 100.4 0.0 202.4

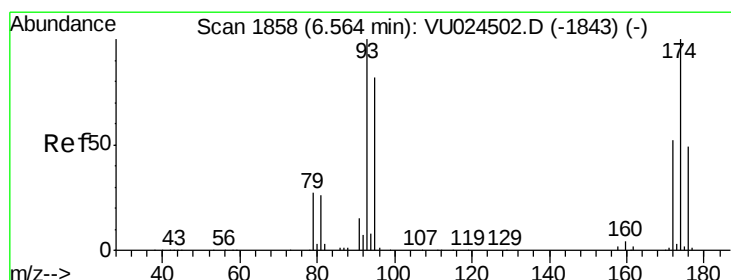
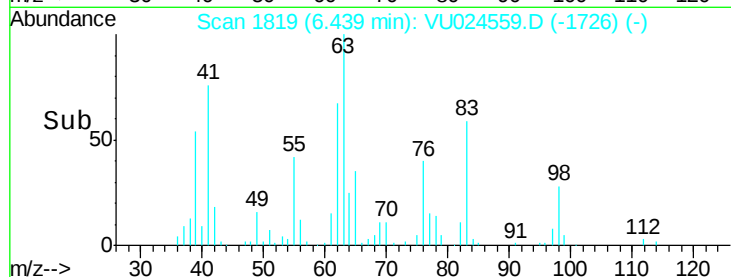
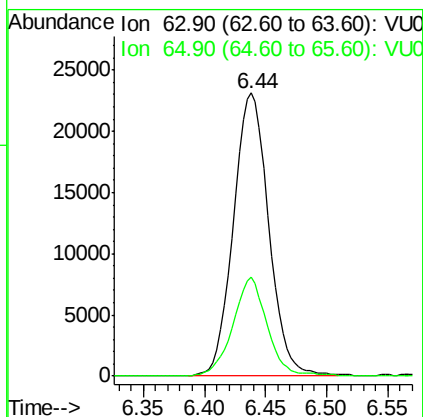
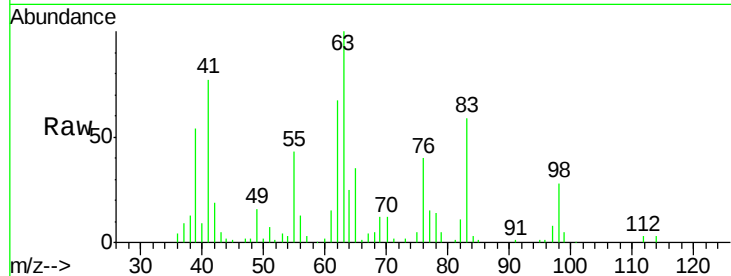




#45
 1,2-Dichloropropane
 Concen: 19.479 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

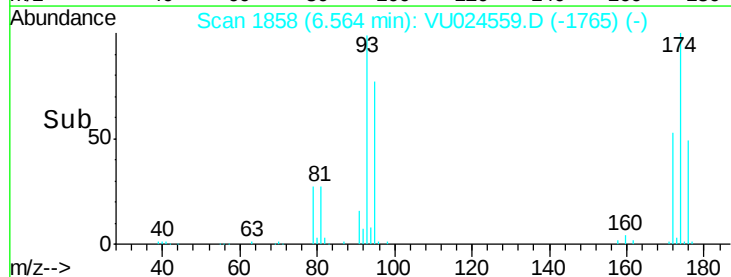
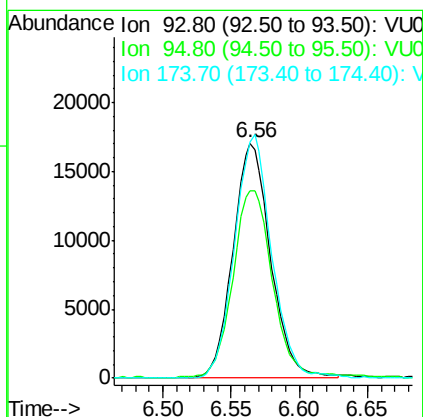
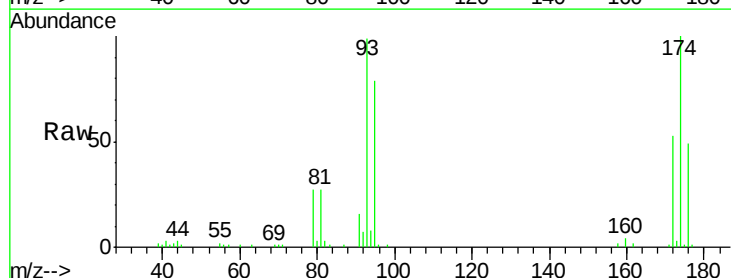
Instrument :
 MSVOA_U
 ClientSampleId :

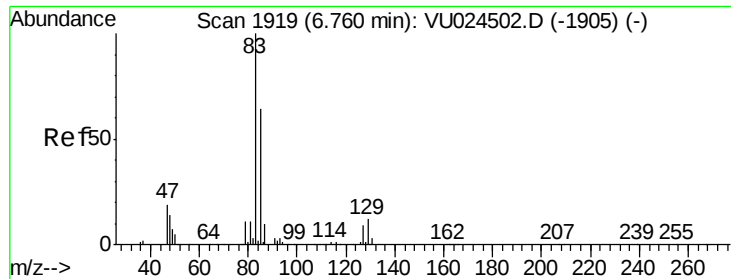
Tot Ion: 63 Resp: 46472
 Ion Ratio Lower Upper
 63 100
 65 34.9 24.8 37.2



#46
 Dibromomethane
 Concen: 19.459 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Tgt Ion: 93 Resp: 32609
 Ion Ratio Lower Upper
 93 100
 95 85.0 65.5 98.3
 174 102.3 78.7 118.1





#47

Bromodichloromethane

Concen: 18.664 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

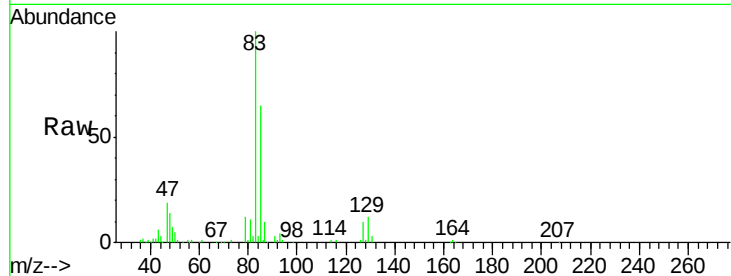
Tot Ion: 83 Resp: 62281

Ion Ratio Lower Upper

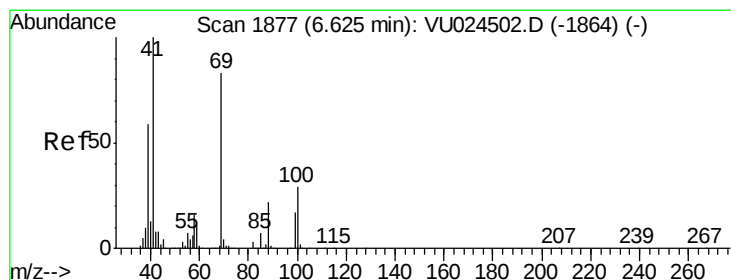
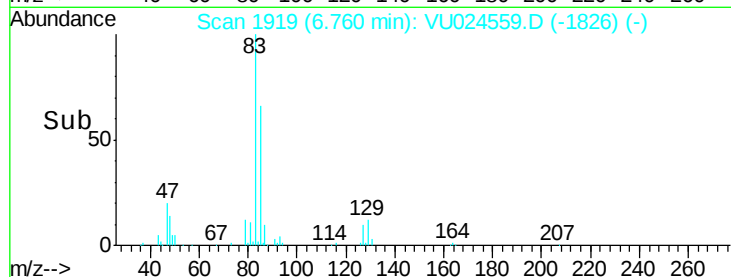
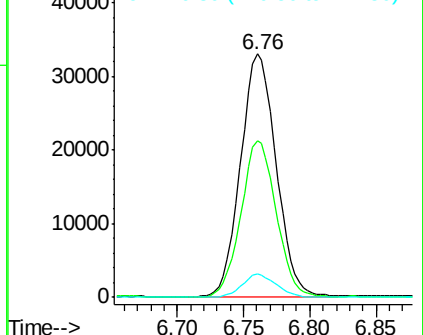
83 100

85 64.2 51.9 77.9

127 9.8 6.6 9.8



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



#48

Methyl methacrylate

Concen: 18.195 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

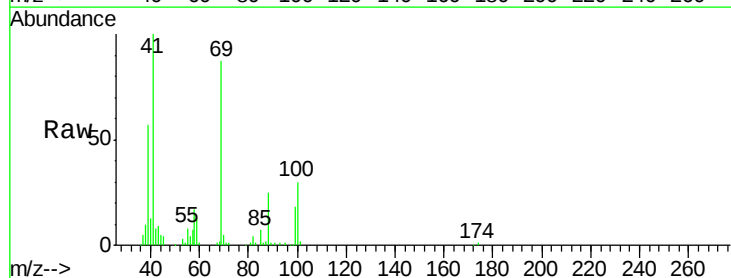
Tgt Ion: 41 Resp: 52377

Ion Ratio Lower Upper

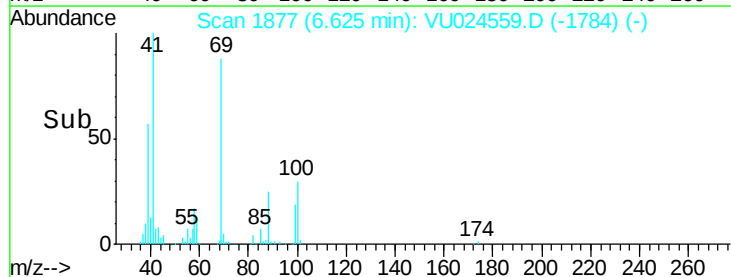
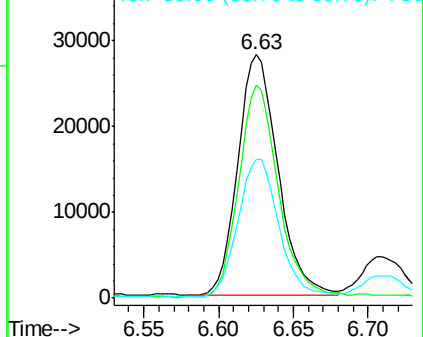
41 100

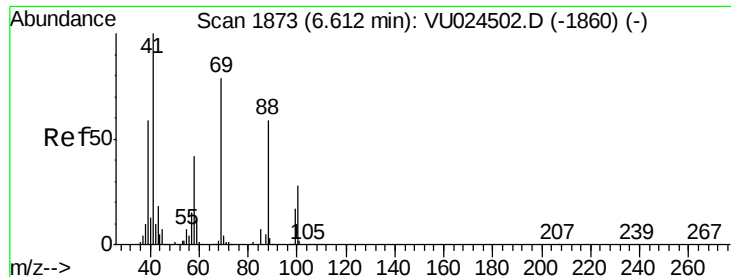
69 87.0 67.3 100.9

39 58.3 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

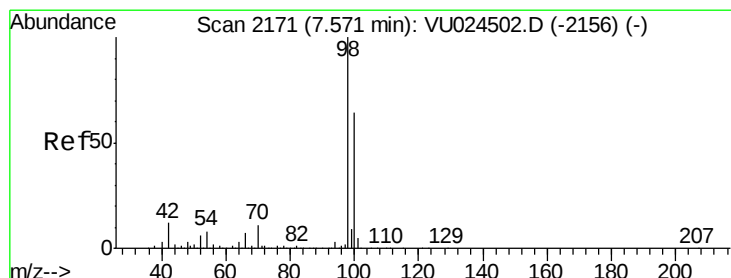
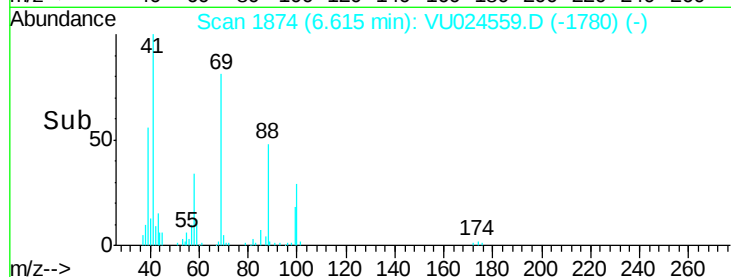
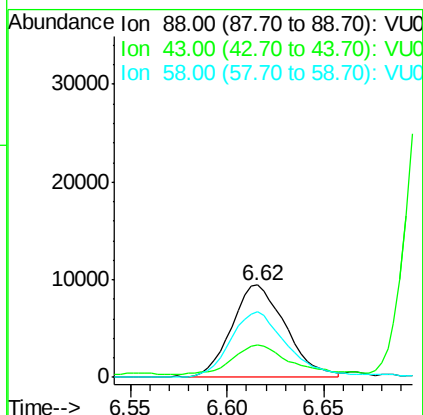
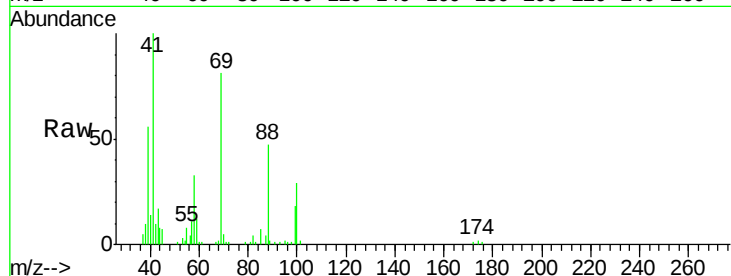




#49
1,4-Dioxane
Concen: 326.989 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

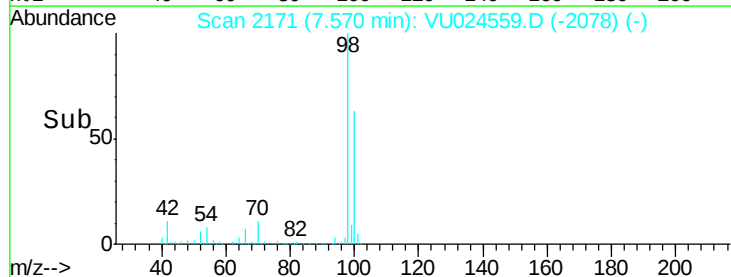
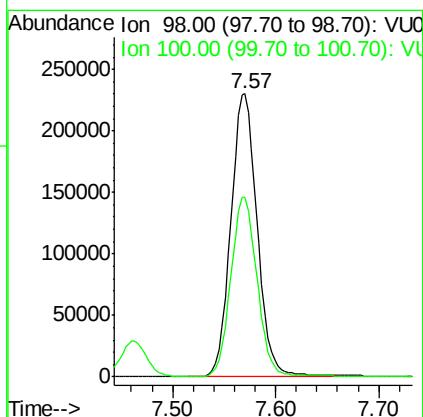
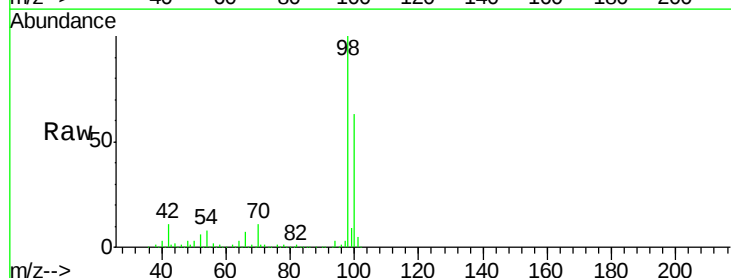
Instrument :
MSVOA_U
ClientSampleId :

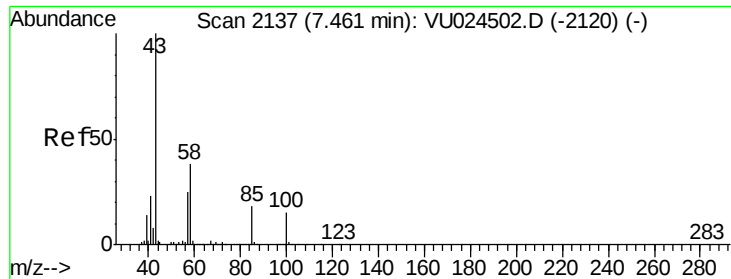
Tot Ion: 88 Resp: 18408
Ion Ratio Lower Upper
88 100
43 34.5 28.6 42.8
58 75.0 58.2 87.4



#50
Toluene-d8
Concen: 50.940 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 98 Resp: 411781
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7

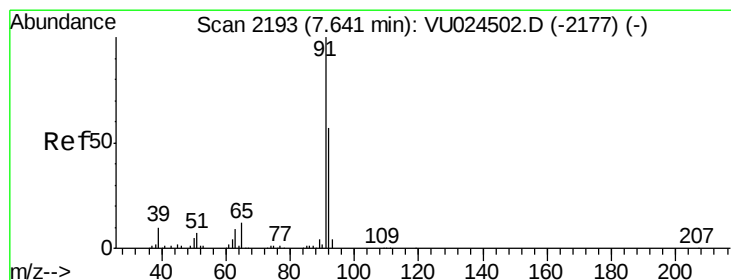
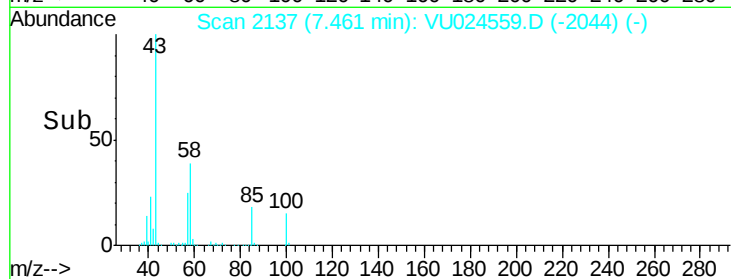
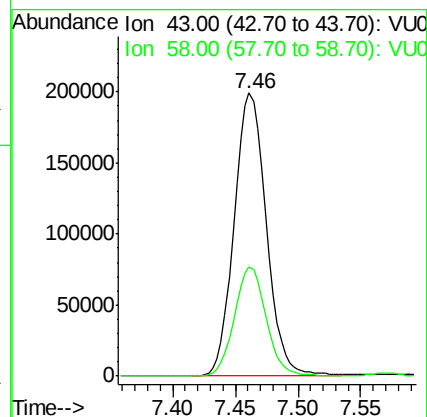
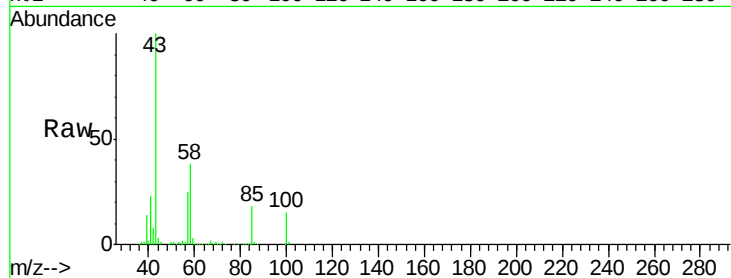




#51
4-Methyl-2-Pentanone
Concen: 95.154 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

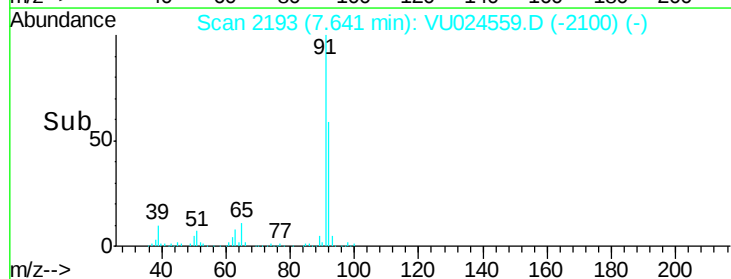
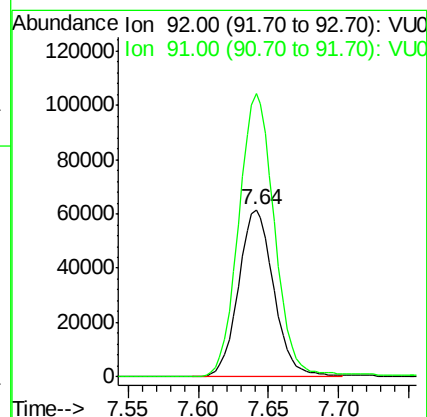
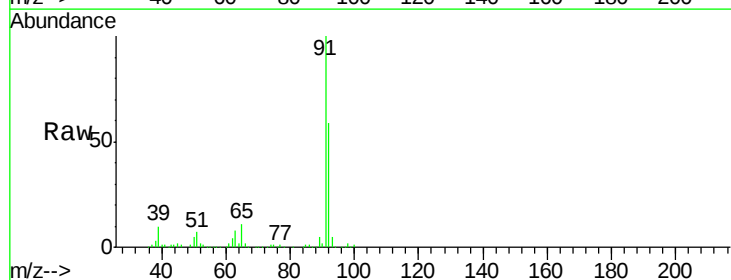
Instrument :
MSVOA_U
ClientSampleId :

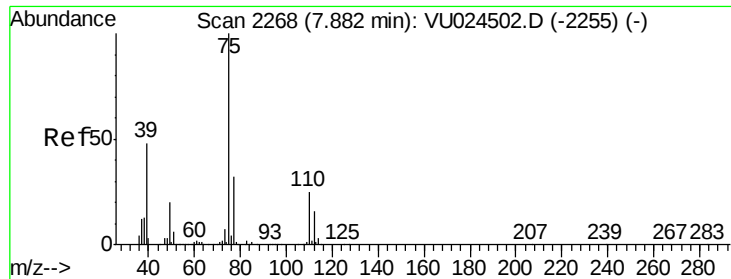
Tot Ion: 43 Resp: 353405
Ion Ratio Lower Upper
43 100
58 38.4 30.0 45.0



#52
Toluene
Concen: 18.755 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 92 Resp: 107885
Ion Ratio Lower Upper
92 100
91 172.4 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 17.713 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

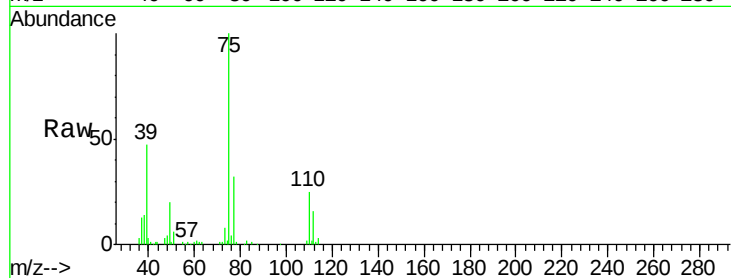
ClientSampleId :

Tot Ion: 75 Resp: 66376

Ion Ratio Lower Upper

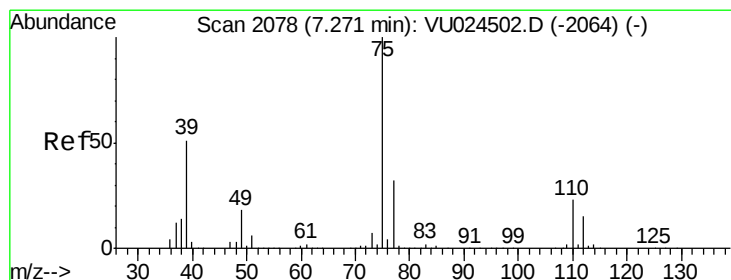
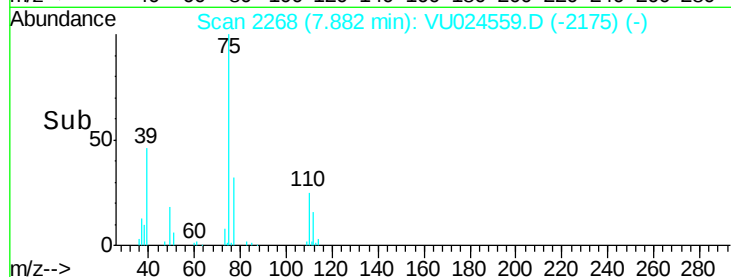
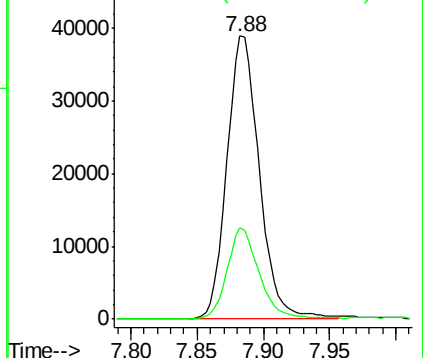
75 100

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



#54

cis-1,3-Dichloropropene

Concen: 17.755 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

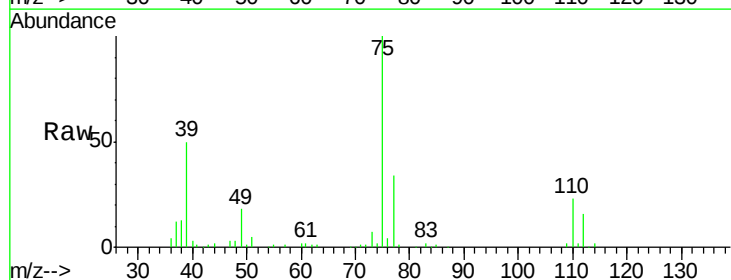
Tgt Ion: 75 Resp: 70898

Ion Ratio Lower Upper

75 100

77 33.9 24.6 36.8

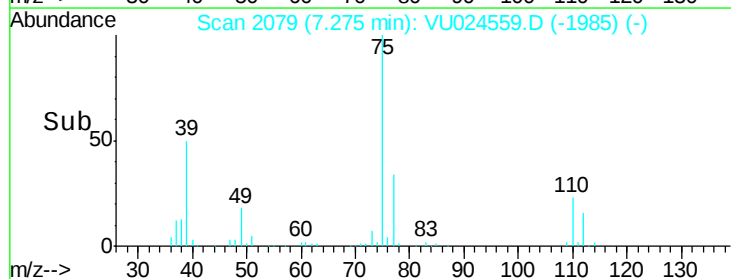
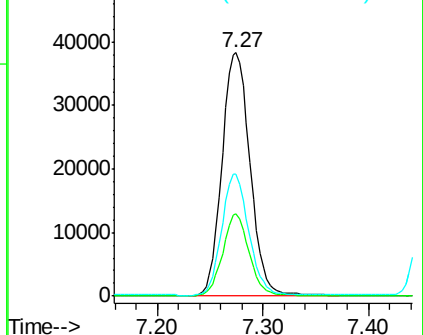
39 49.8 39.8 59.6

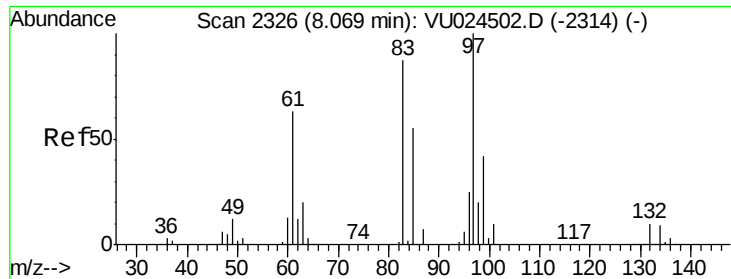


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

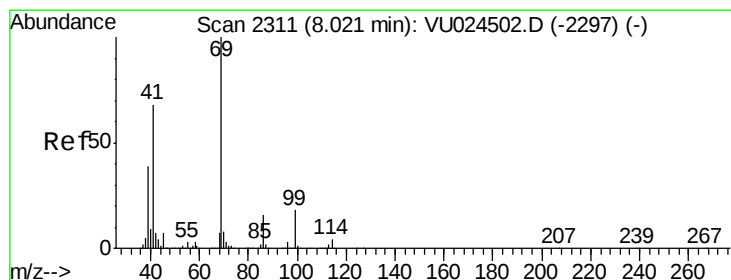
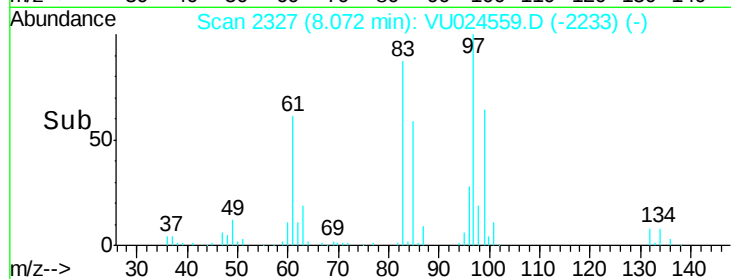
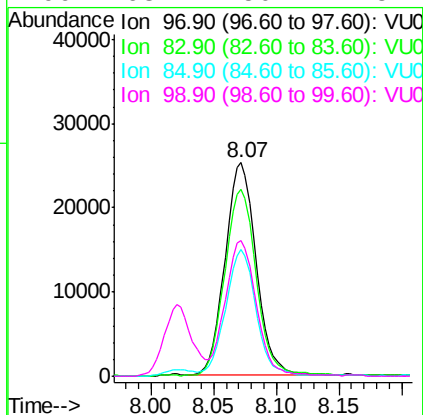
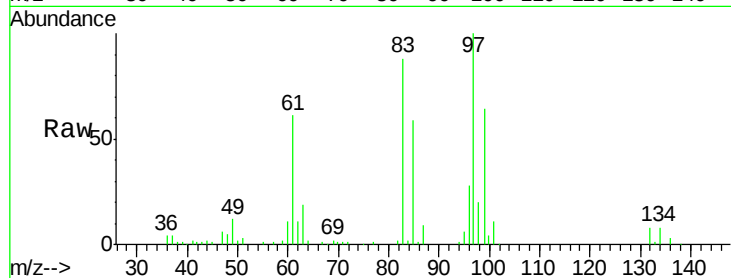




#55
 1,1,2-Trichloroethane
 Concen: 18.357 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

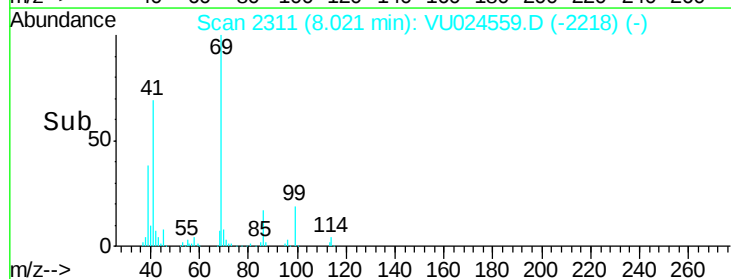
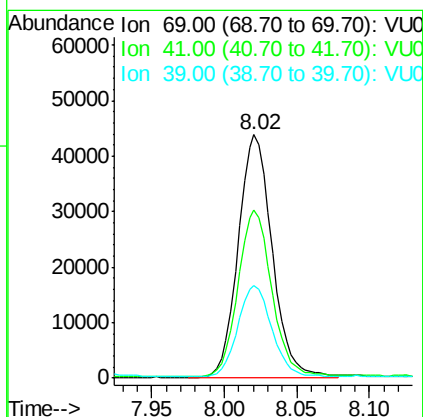
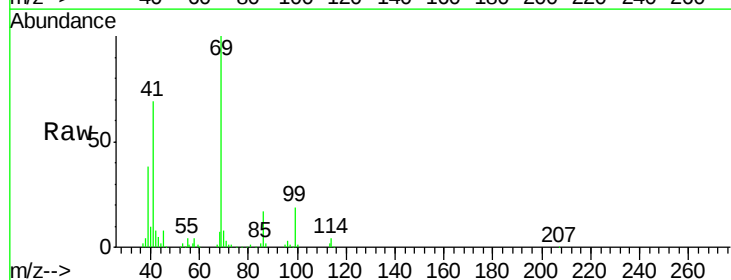
Instrument :
 MSVOA_U
 ClientSampleId :

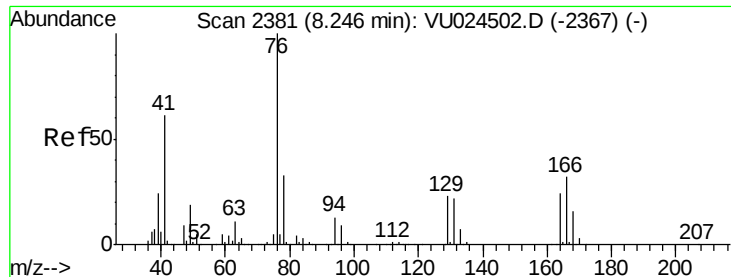
Tot Ion:	97	Resp:	42923
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.5	105.7
85	59.0	46.4	69.6
99	63.7	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 18.375 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Tgt Ion:	69	Resp:	71914
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.1	81.1
39	37.1	30.3	45.5





#57

1,3-Dichloropropane

Concen: 18.726 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

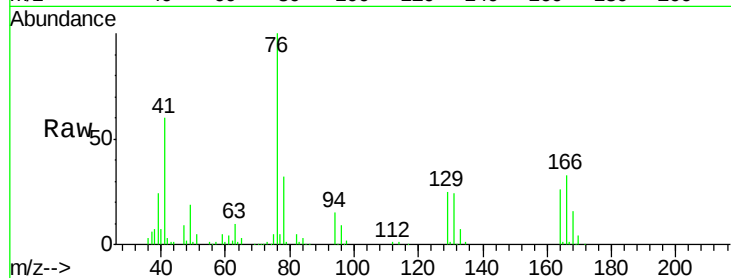
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 76 Resp: 73864

Ion Ratio Lower Upper

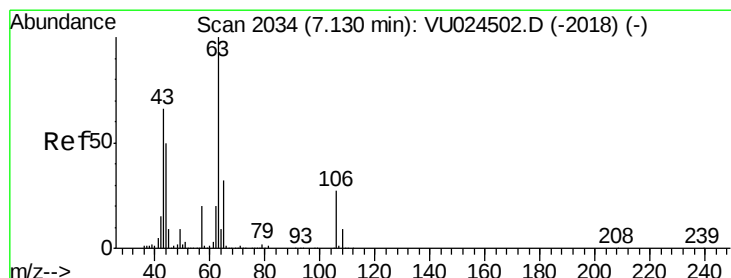
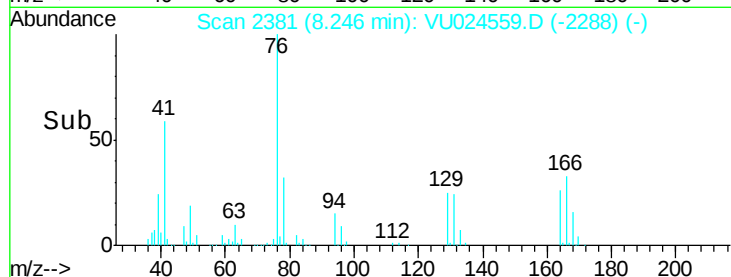
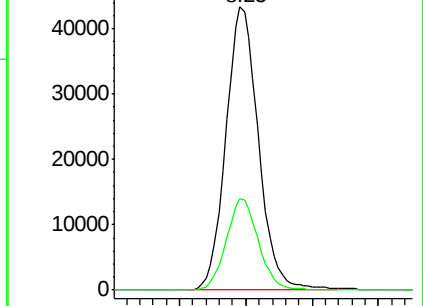
76 100

78 31.9 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VU024502.D (-2367) (-)

Ion 77.90 (77.60 to 78.60): VU024502.D (-2367) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 95.035 ug/l

RT: 7.13 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU024559.D

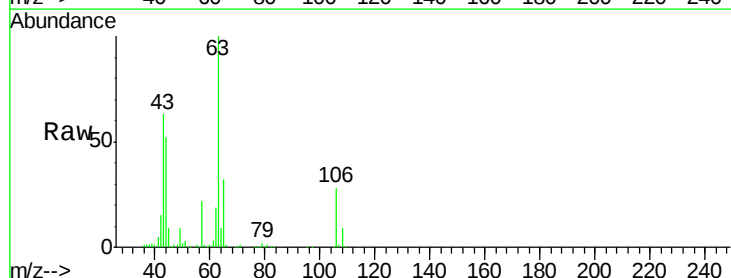
Acq: 14 Jun 2018 23:26

Tgt Ion: 63 Resp: 142492

Ion Ratio Lower Upper

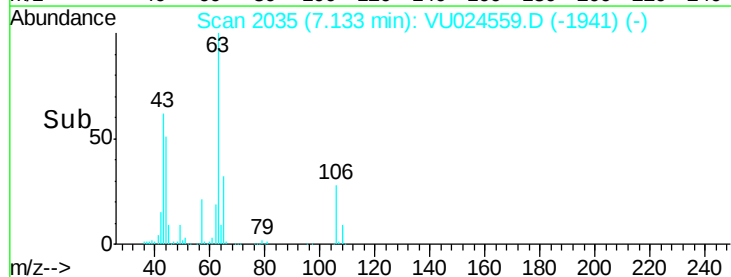
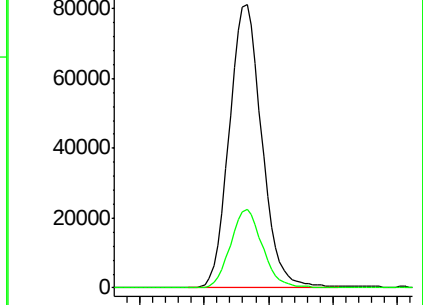
63 100

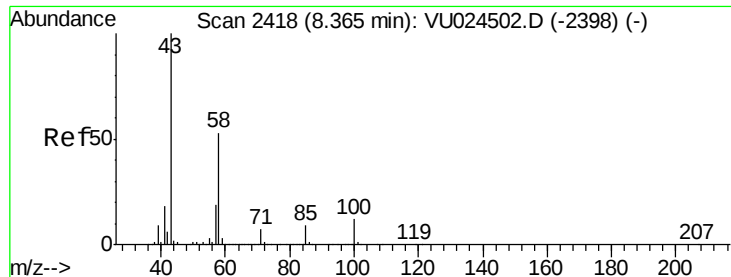
106 27.3 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU024502.D (-2018) (-)

Ion 105.90 (105.60 to 106.60): VU024502.D (-2018) (-)

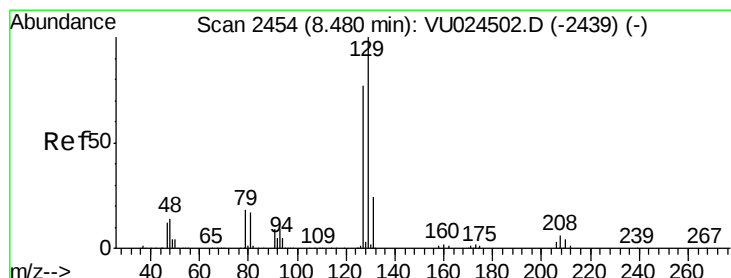
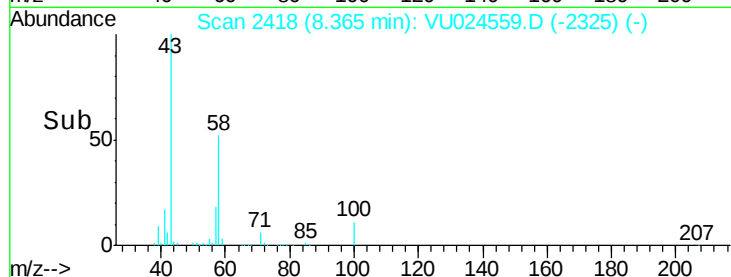
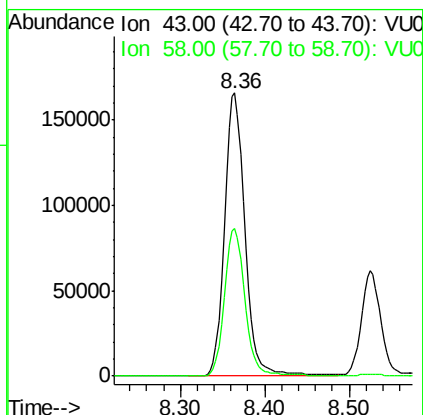
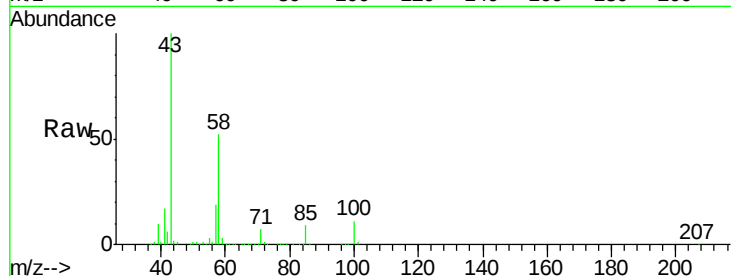




#59
2-Hexanone
Concen: 91.299 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

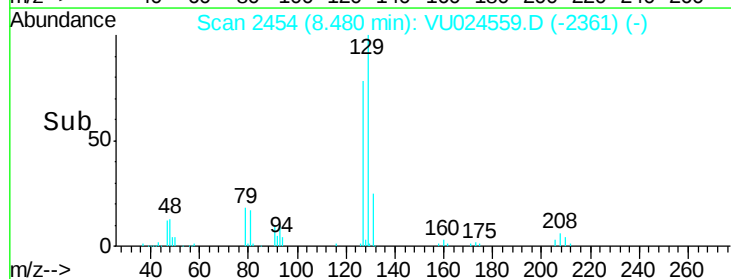
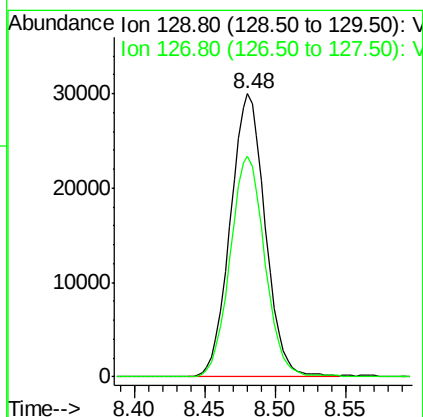
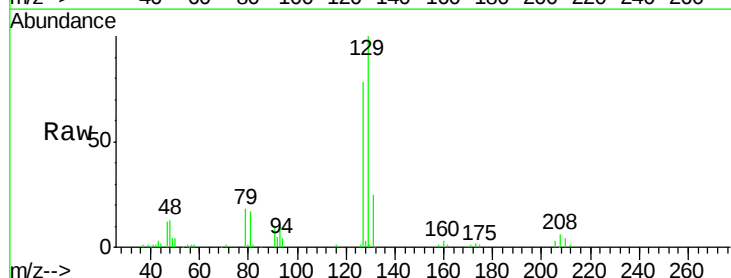
Instrument :
MSVOA_U
ClientSampleId :

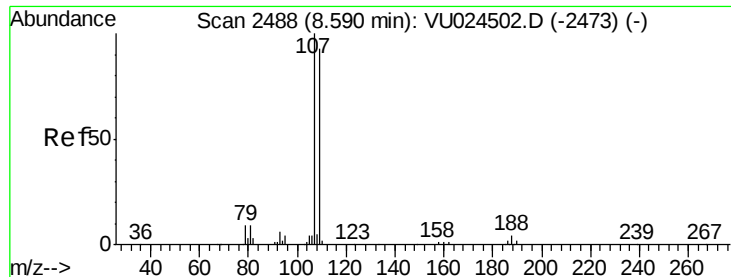
Tot Ion: 43 Resp: 276831
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0



#60
Dibromochloromethane
Concen: 17.781 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 129 Resp: 51847
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.739 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

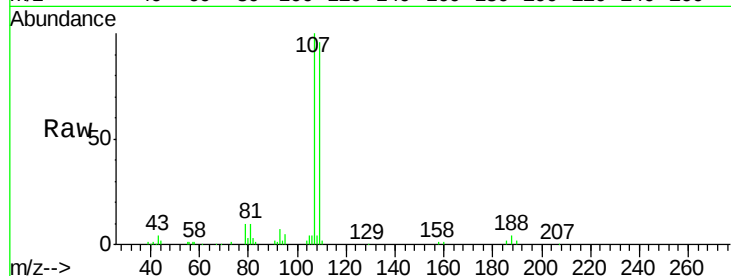
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:107 Resp: 48769

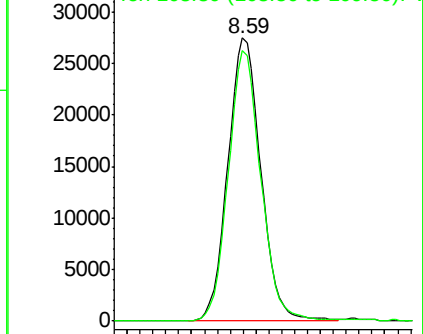
Ion Ratio Lower Upper

107 100

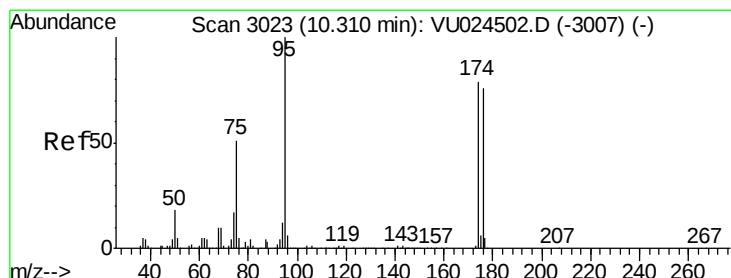
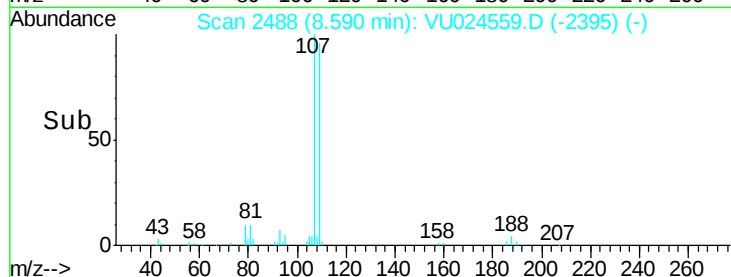
109 94.8 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



Time--> 8.50 8.55 8.60 8.65 8.70



#62

4-Bromofluorobenzene

Concen: 48.876 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

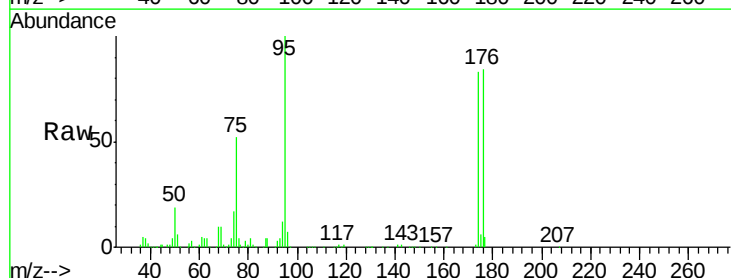
Tgt Ion: 95 Resp: 156872

Ion Ratio Lower Upper

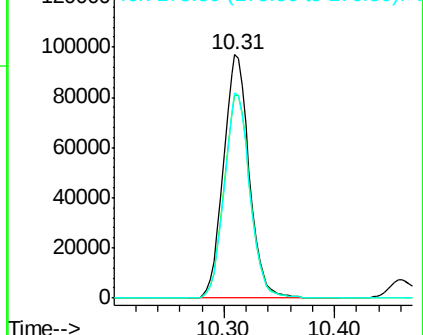
95 100

174 84.4 0.0 165.8

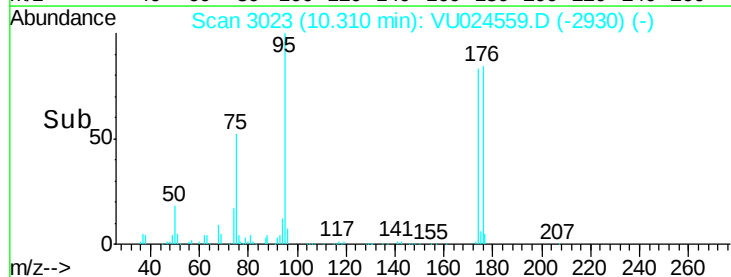
176 83.7 0.0 159.4

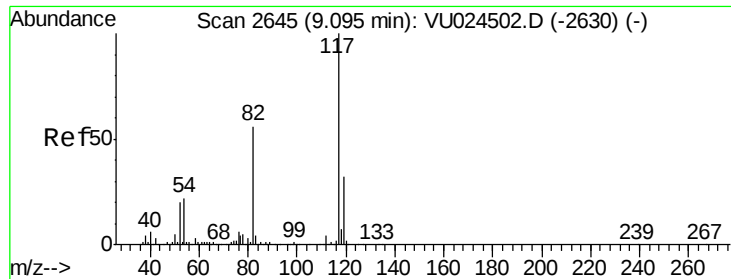


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V



Time--> 10.30 10.40





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

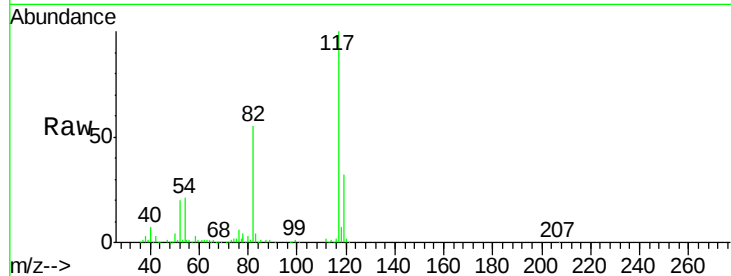
Tot Ion:117 Resp: 253439

Ion Ratio Lower Upper

117 100

82 54.9 44.3 66.5

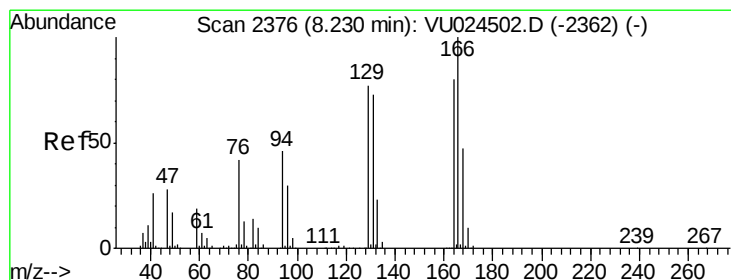
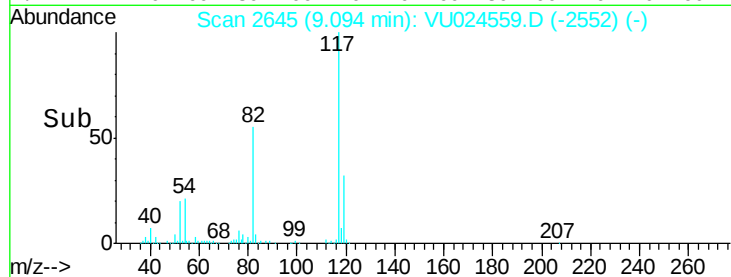
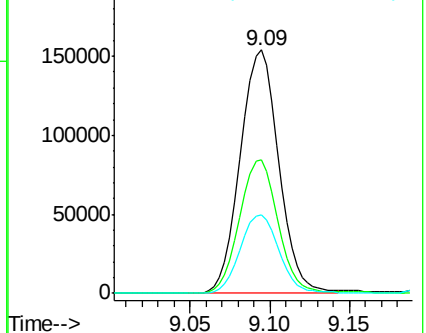
119 32.2 25.4 38.2



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: 17.602 ug/l

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:164 Resp: 42405

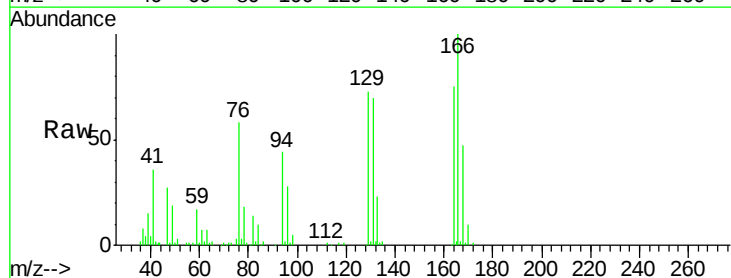
Ion Ratio Lower Upper

164 100

166 133.2 101.7 152.5

129 97.9 76.9 115.3

131 93.1 74.9 112.3

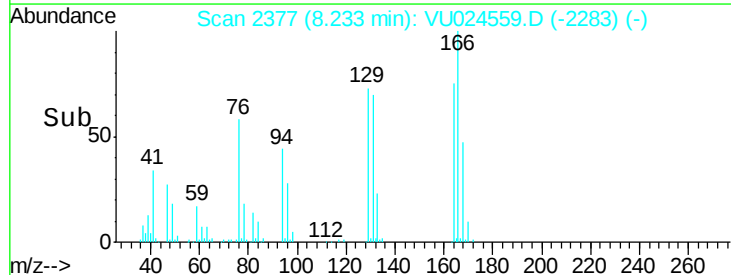
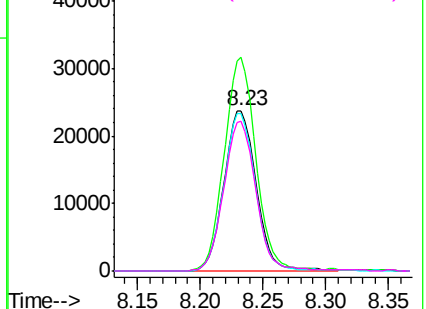


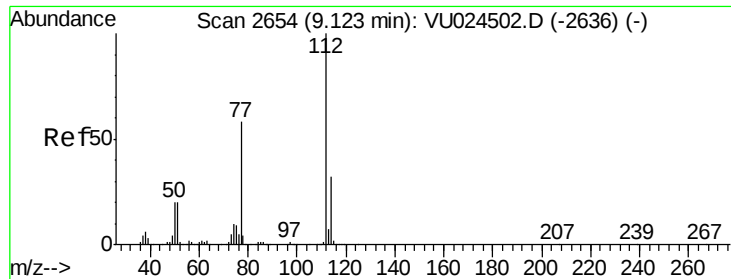
Abundance Ion 163.80 (163.50 to 164.50): V

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

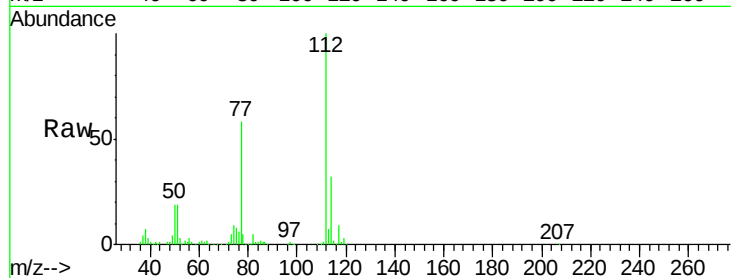




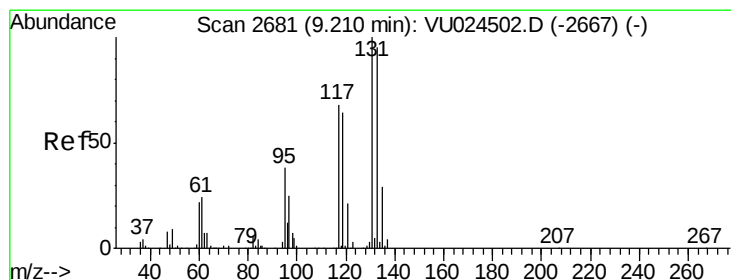
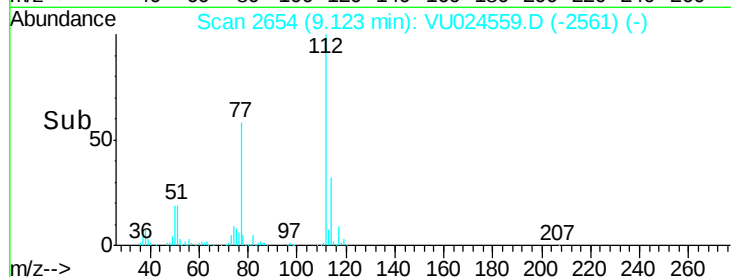
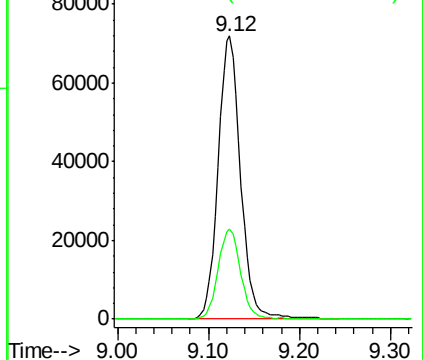
#65
Chlorobenzene
Concen: 19.016 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:112 Resp: 123118
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

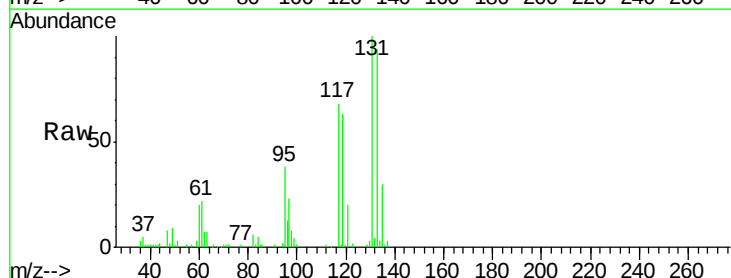


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

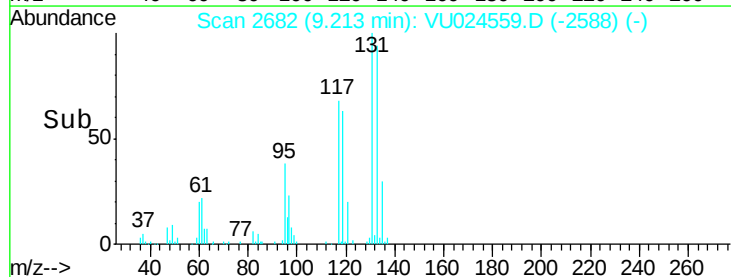
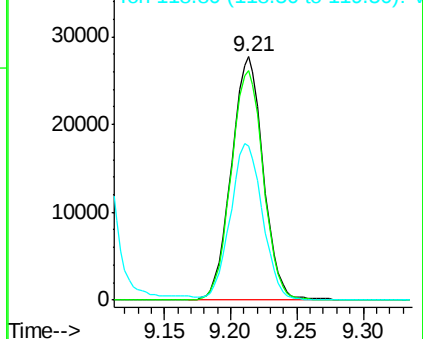


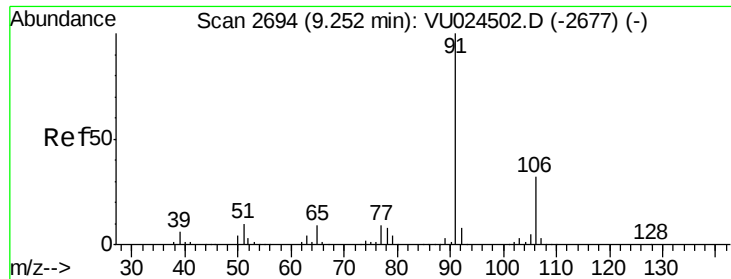
#66
1,1,1,2-Tetrachloroethane
Concen: 18.839 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion:131 Resp: 46340
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.8
119 64.8 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

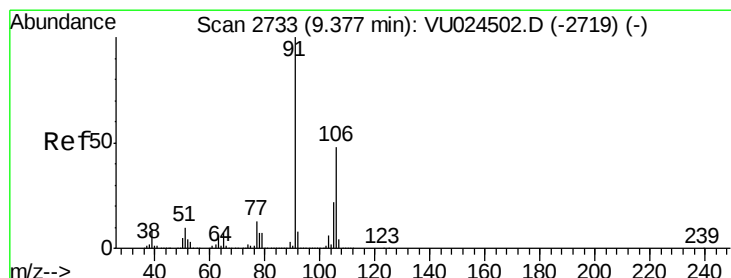
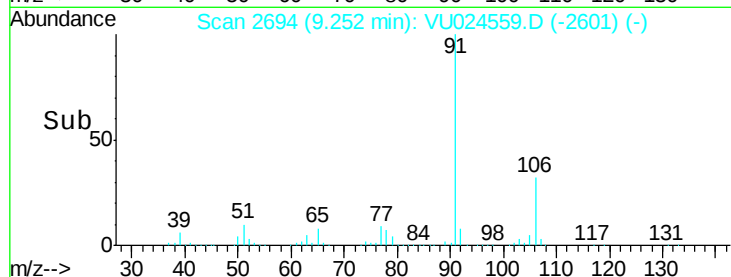
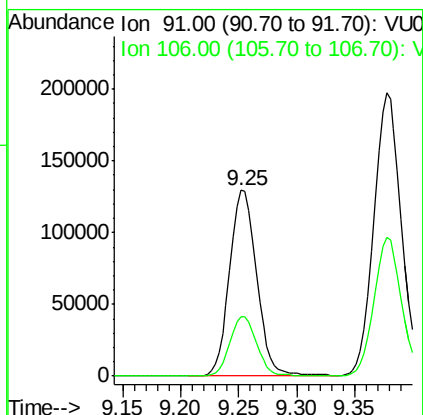
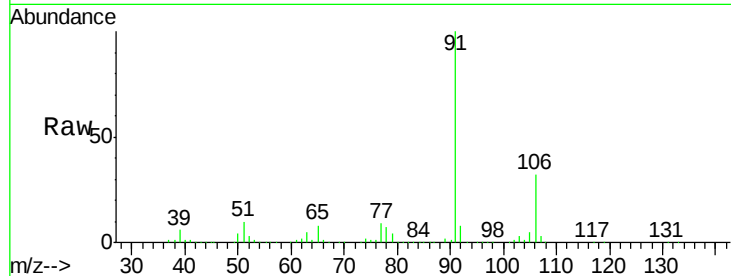




#67
Ethyl Benzene
Concen: 18.651 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

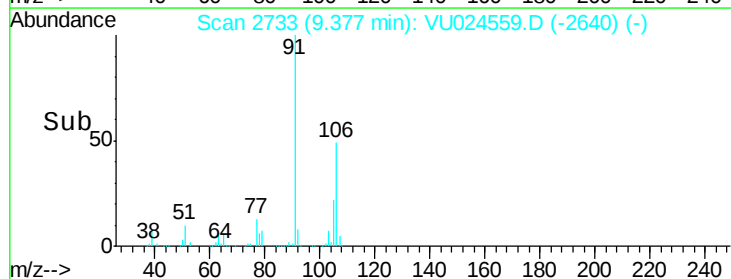
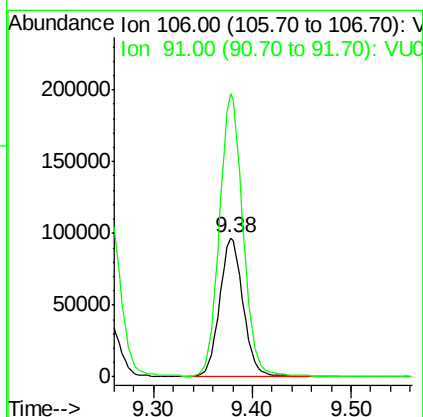
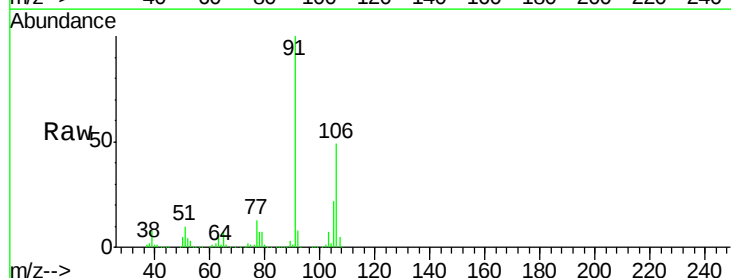
Instrument :
MSVOA_U
ClientSampled :

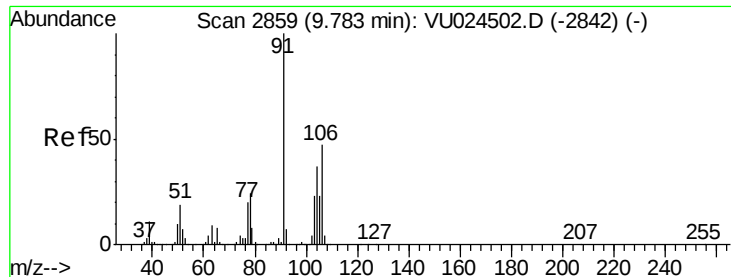
Tot Ion: 91 Resp: 211691
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4



#68
m/p-Xylenes
Concen: 37.476 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 106 Resp: 163336
Ion Ratio Lower Upper
106 100
91 203.0 166.5 249.7

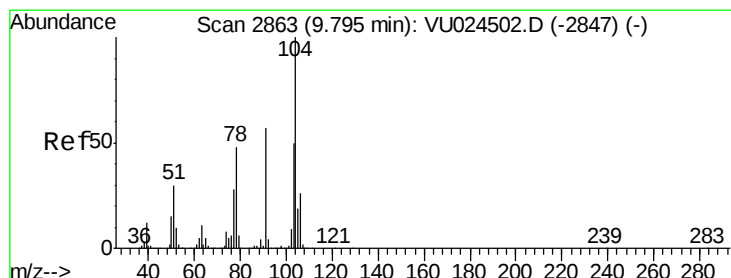
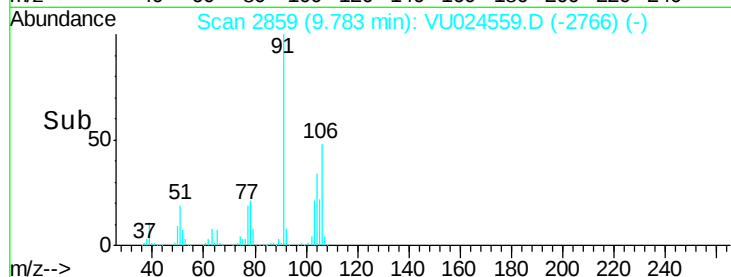
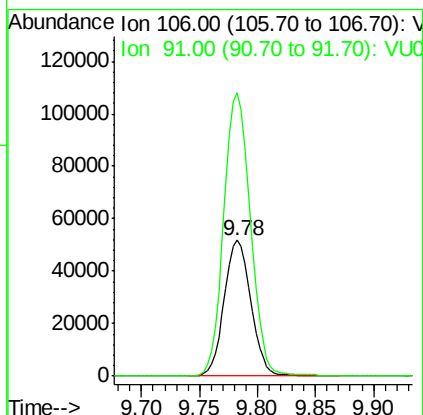
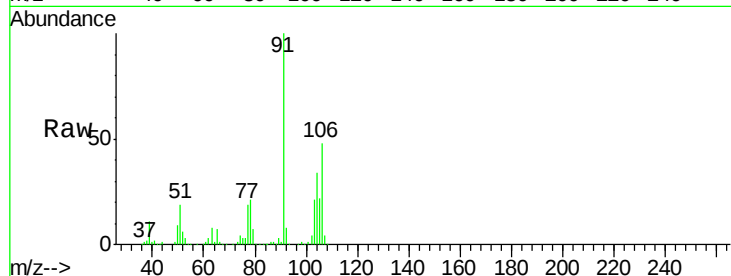




#69
o-Xylene
Concen: 19.193 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

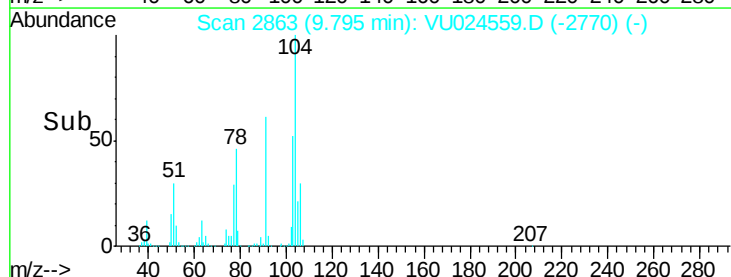
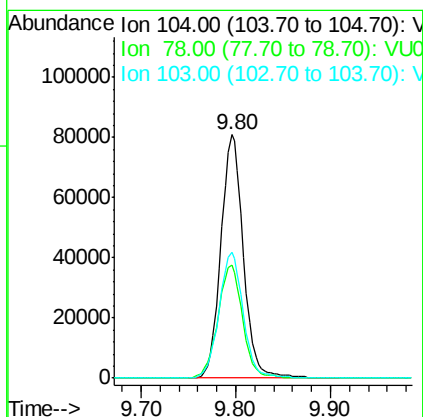
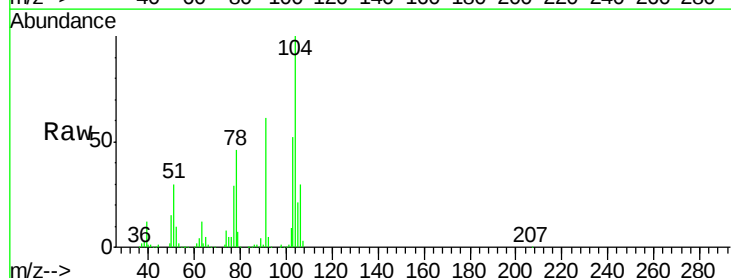
Instrument :
MSVOA_U
ClientSampleId :

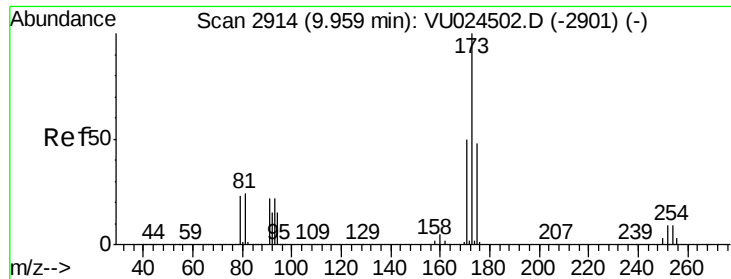
Tot Ion:106 Resp: 82787
Ion Ratio Lower Upper
106 100
91 208.3 110.7 331.9



#70
Styrene
Concen: 18.853 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion:104 Resp: 133636
Ion Ratio Lower Upper
104 100
78 50.9 40.6 60.8
103 55.5 44.7 67.1





#71

Bromoform

Concen: 18.034 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :

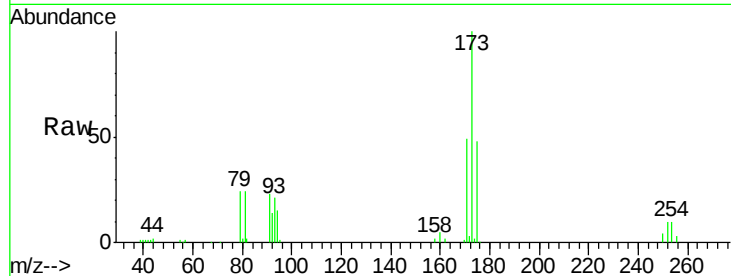
Tot Ion:173 Resp: 42163

Ion Ratio Lower Upper

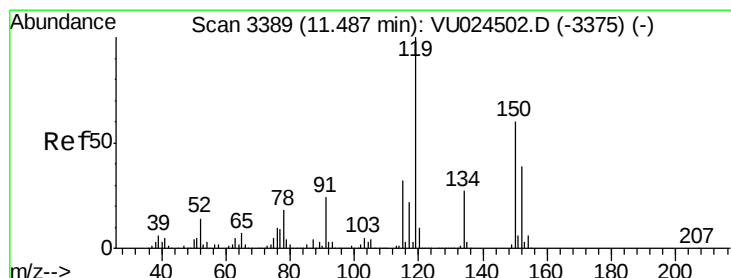
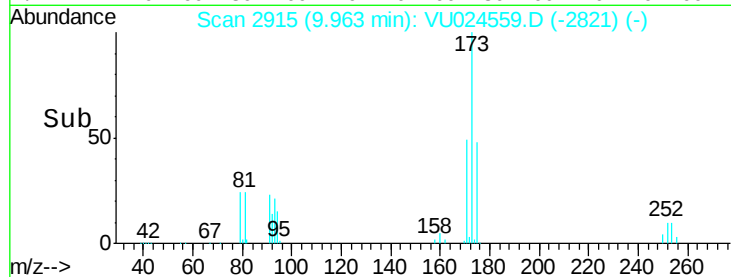
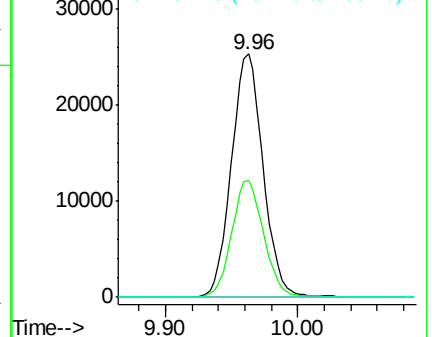
173 100

175 48.2 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

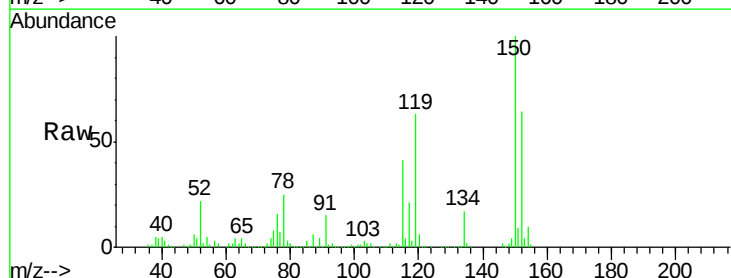
Tgt Ion:152 Resp: 149591

Ion Ratio Lower Upper

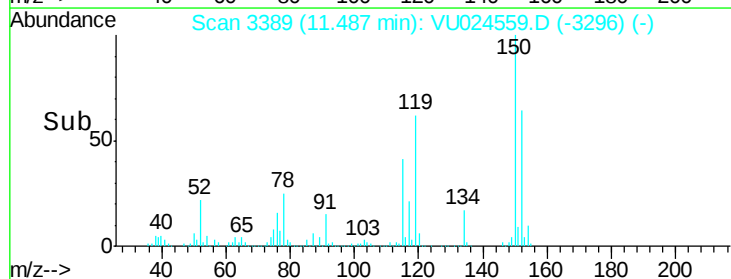
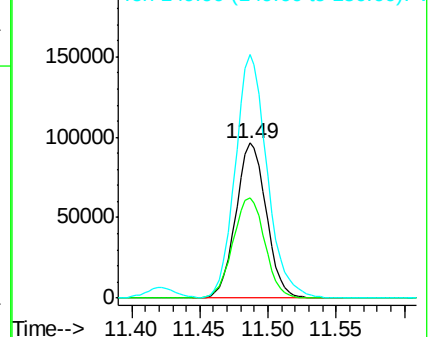
152 100

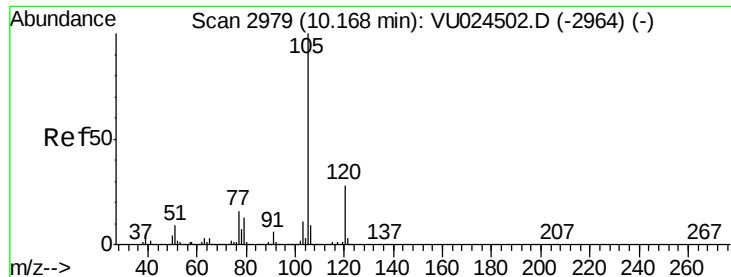
115 67.8 43.0 129.0

150 163.2 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: 18.387 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

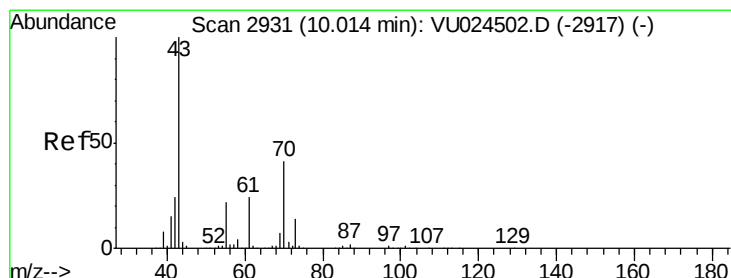
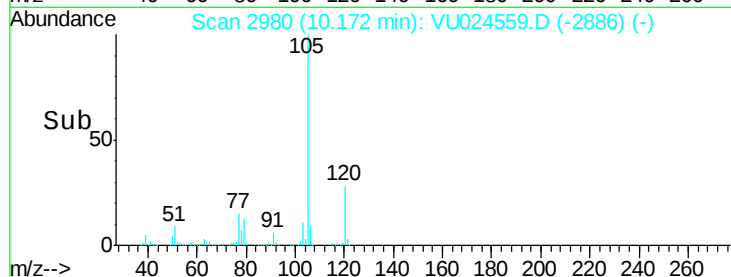
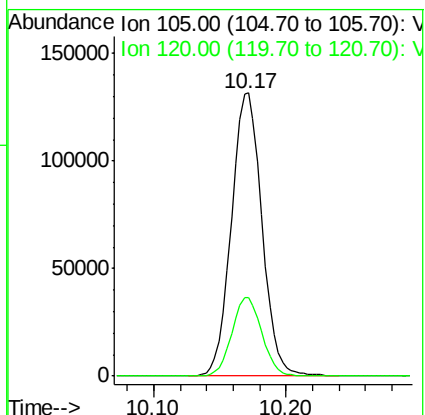
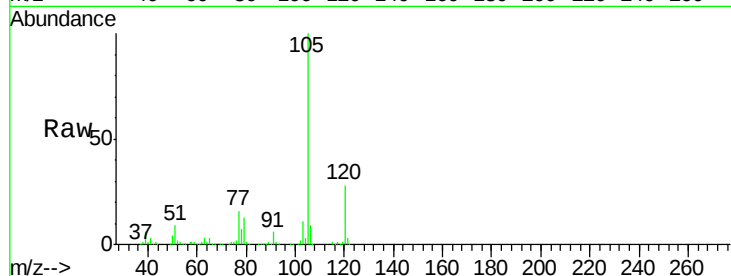
ClientSampled :

Tot Ion:105 Resp: 211176

Ion Ratio Lower Upper

105 100

120 27.4 13.2 39.6



#74

N-ethyl acetate

Concen: 18.107 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion: 43 Resp: 98913

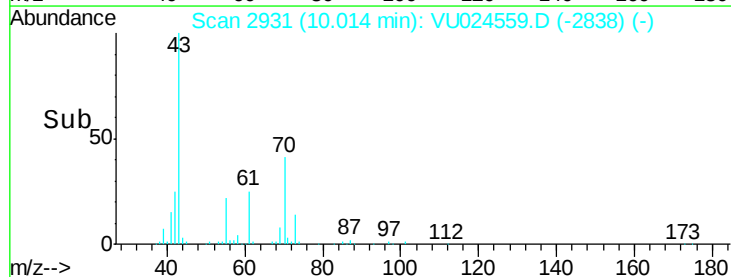
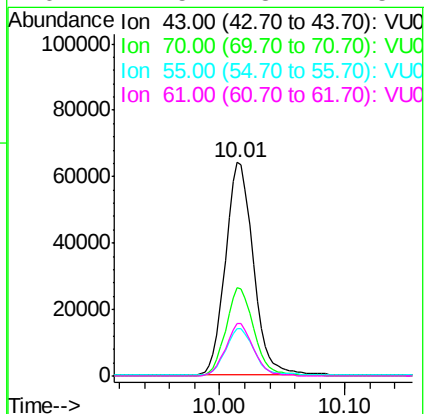
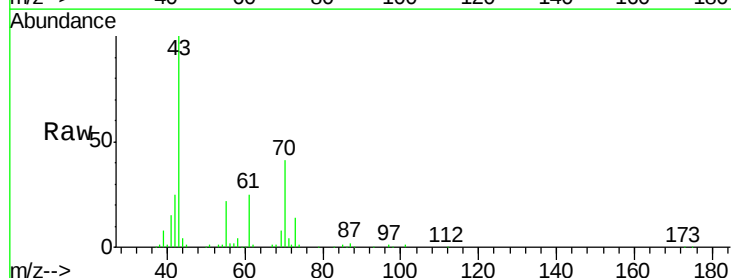
Ion Ratio Lower Upper

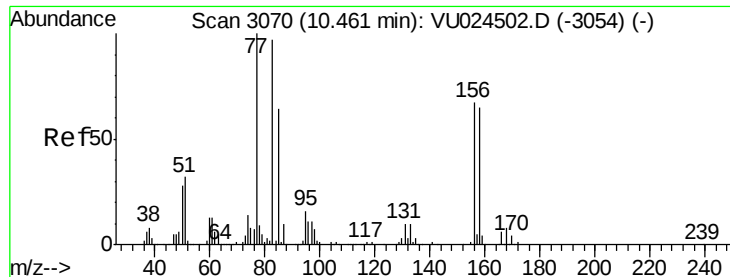
43 100

70 42.2 32.2 48.4

55 22.4 20.5 30.7

61 24.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.350 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

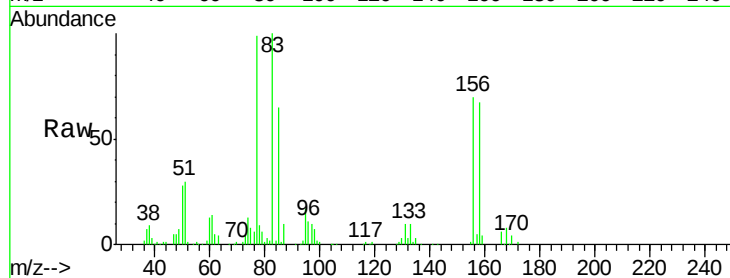
Tot Ion: 83 Resp: 74473

Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.1

85 64.4 32.5 97.5

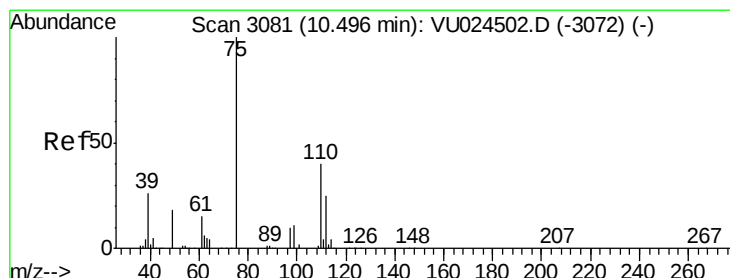
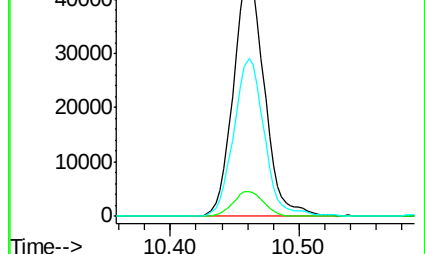
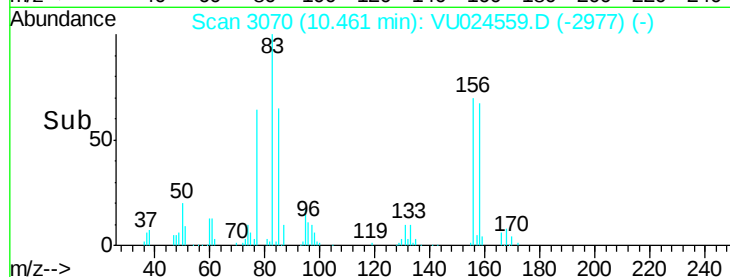


Abundance Ion 82.90 (82.60 to 83.60): VU024559.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024559.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024559.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 25.270 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024559.D

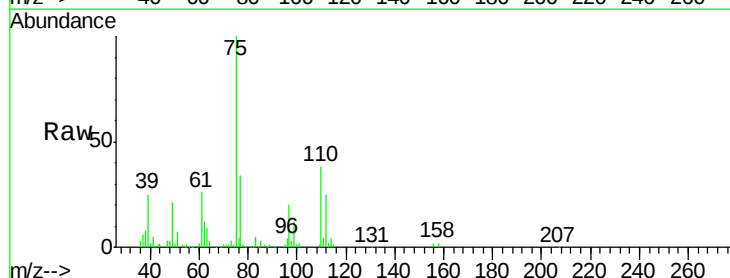
Acq: 14 Jun 2018 23:26

Tgt Ion: 75 Resp: 83227

Ion Ratio Lower Upper

75 100

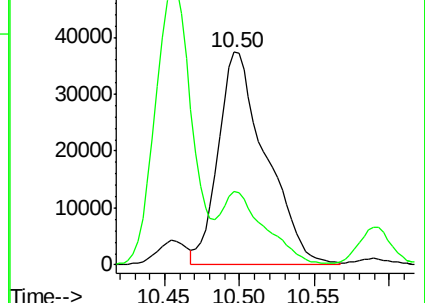
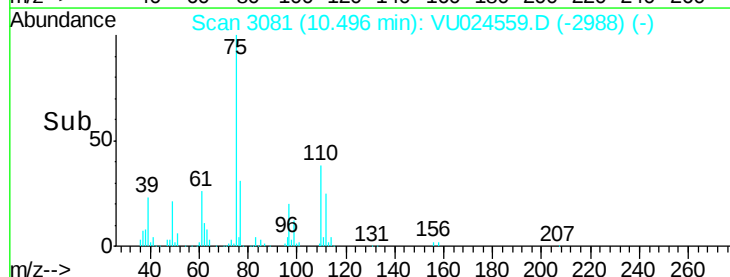
77 31.2 20.9 62.7

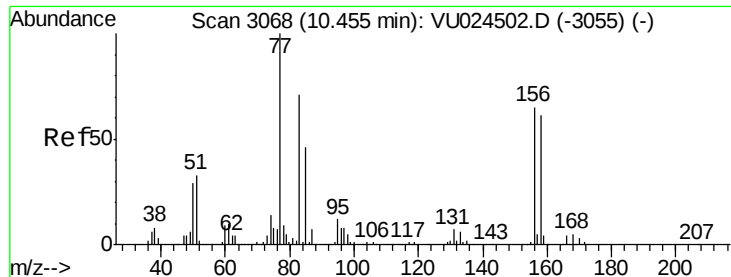


Abundance Ion 74.90 (74.60 to 75.60): VU024559.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024559.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 19.280 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

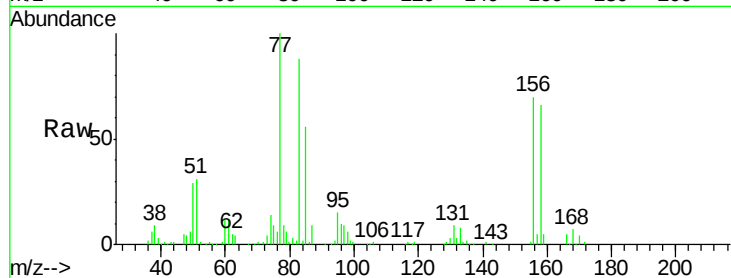
Tot Ion:156 Resp: 56058

Ion Ratio Lower Upper

156 100

77 150.1 80.5 241.3

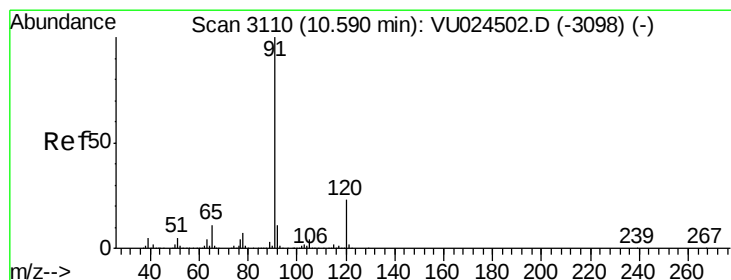
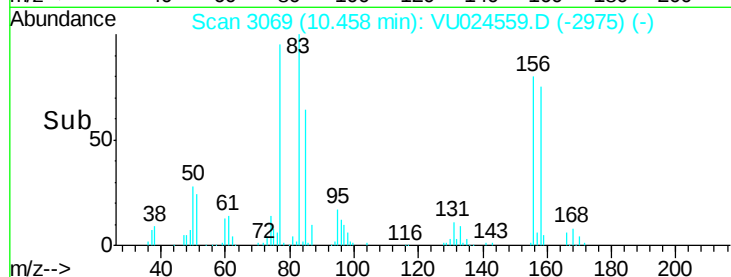
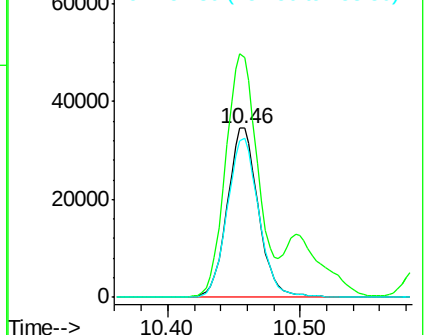
158 96.2 48.2 144.6



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: 18.506 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024559.D

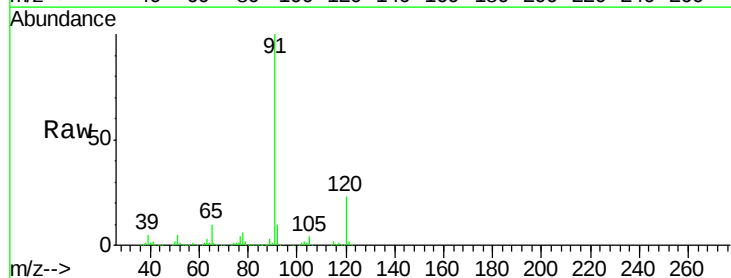
Acq: 14 Jun 2018 23:26

Tgt Ion: 91 Resp: 250373

Ion Ratio Lower Upper

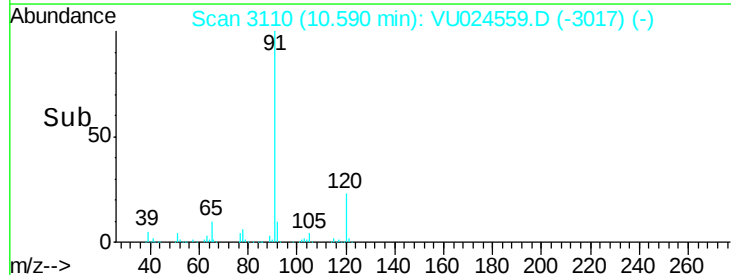
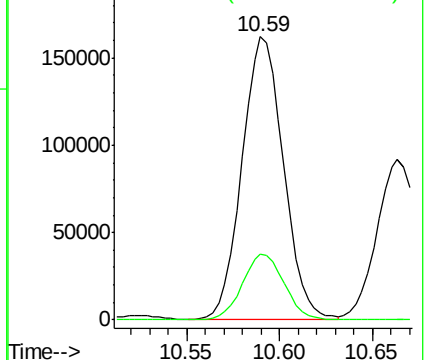
91 100

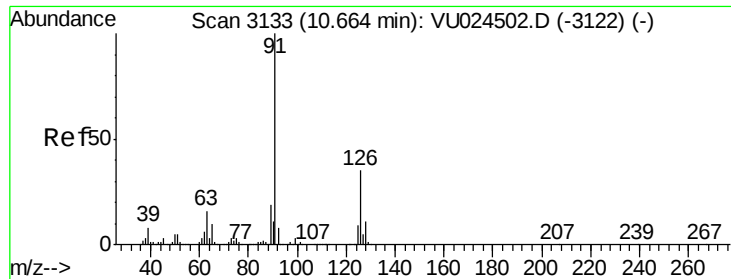
120 23.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.225 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

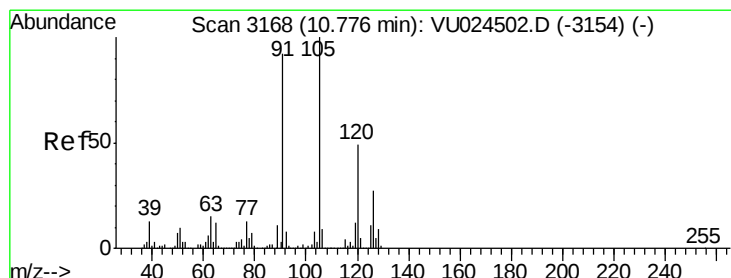
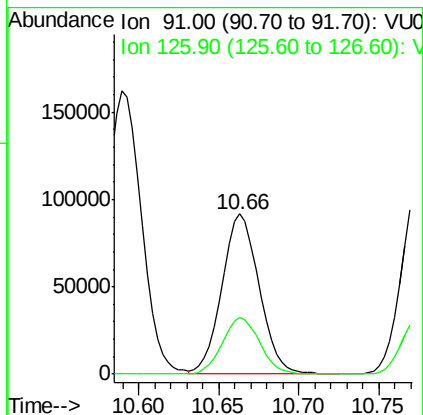
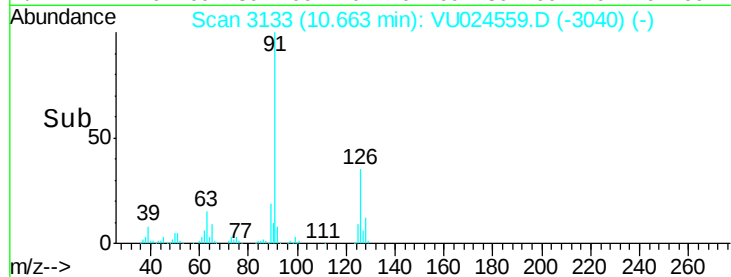
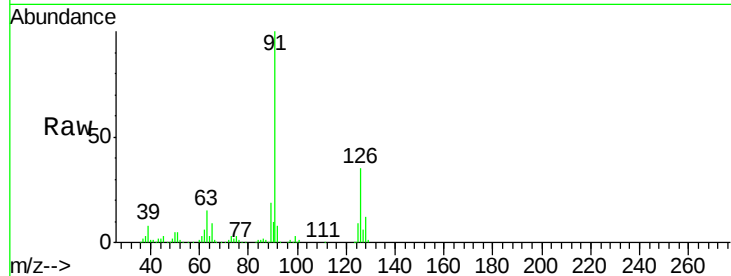
ClientSampled :

Tot Ion: 91 Resp: 145404

Ion Ratio Lower Upper

91 100

126 35.5 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 18.143 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024559.D

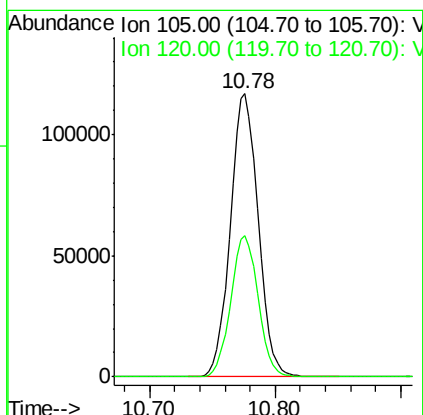
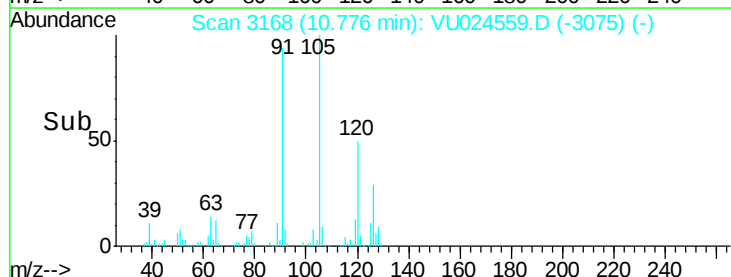
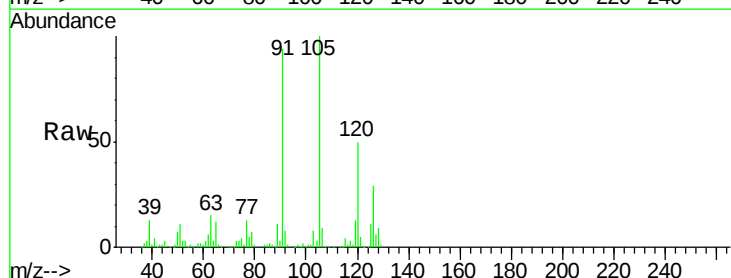
Acq: 14 Jun 2018 23:26

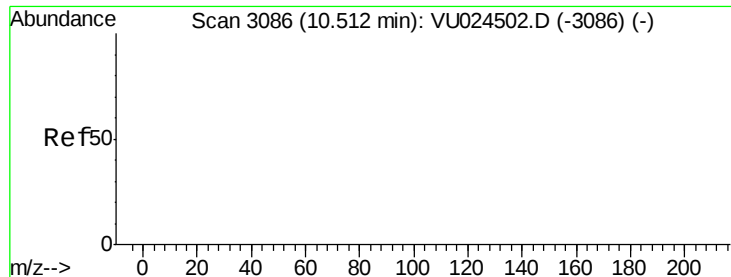
Tgt Ion: 105 Resp: 180608

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.2

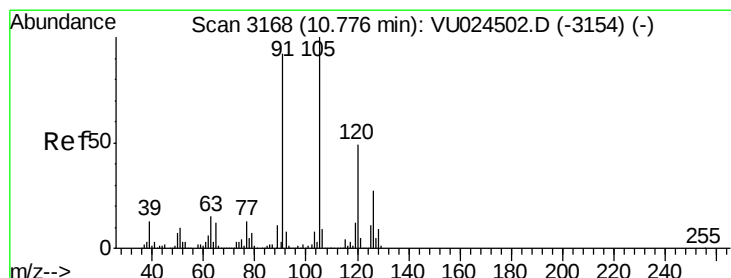
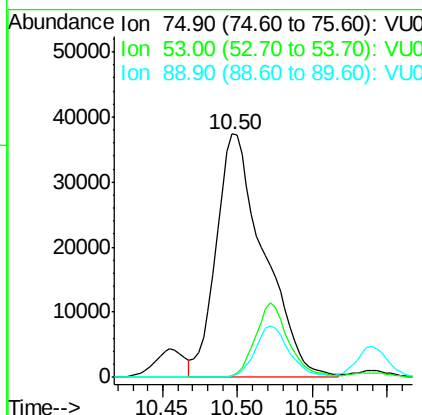
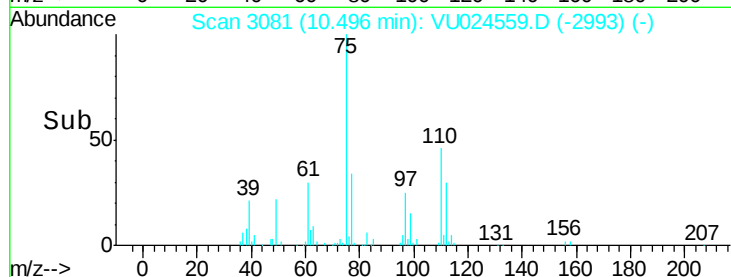
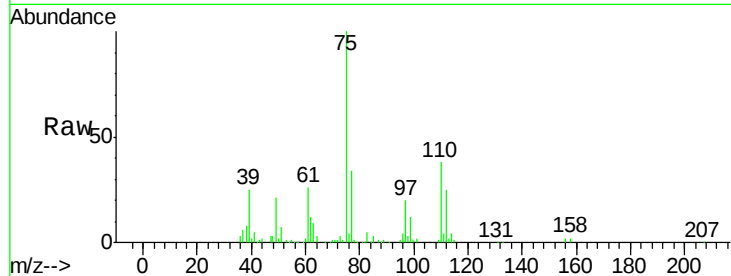




#81
trans-1,4-Dichloro-2-butene
Concen: 58.486 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

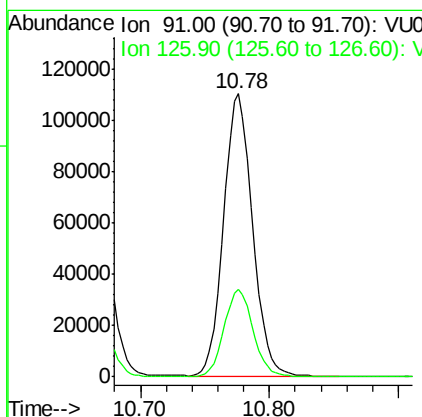
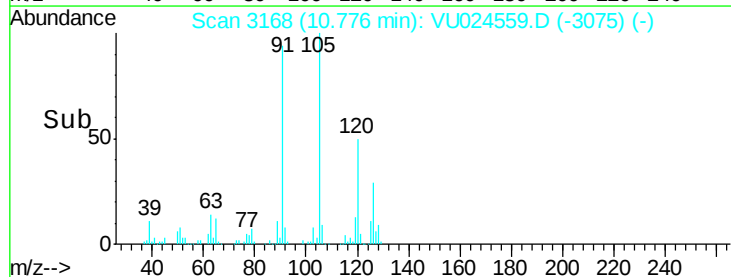
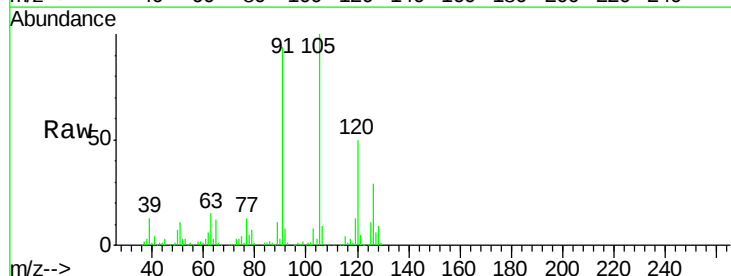
Instrument :
MSVOA_U
ClientSampleId :

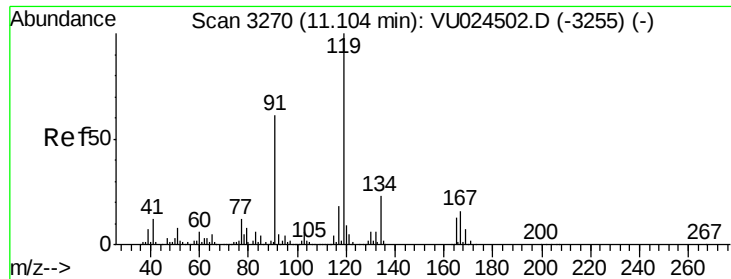
Tot Ion: 75 Resp: 83227
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 18.453 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 91 Resp: 171359
Ion Ratio Lower Upper
91 100
126 31.2 14.9 44.9





#83

tert-Butylbenzene

Concen: 18.716 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

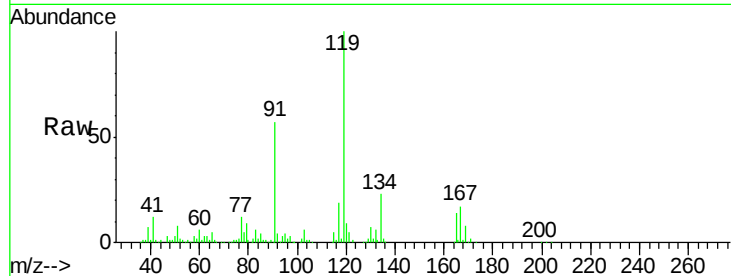
Tot Ion:119 Resp: 179213

Ion Ratio Lower Upper

119 100

91 58.4 29.7 89.1

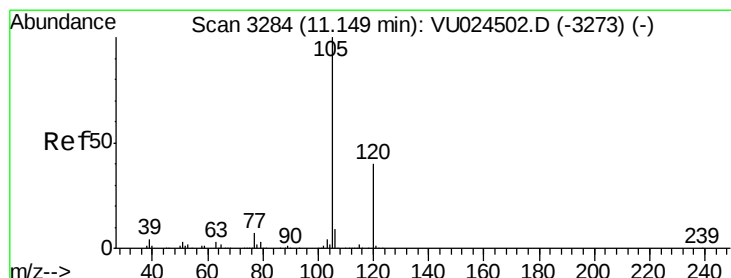
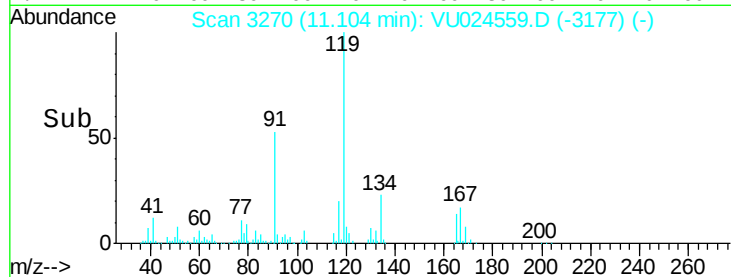
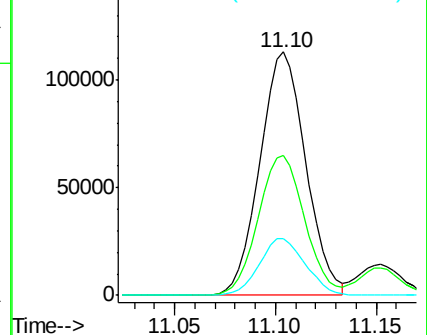
134 23.2 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.233 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024559.D

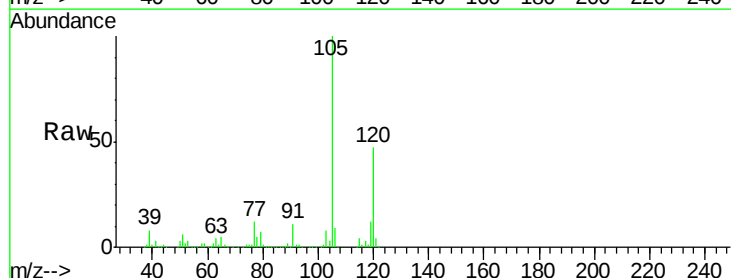
Acq: 14 Jun 2018 23:26

Tgt Ion:105 Resp: 184966

Ion Ratio Lower Upper

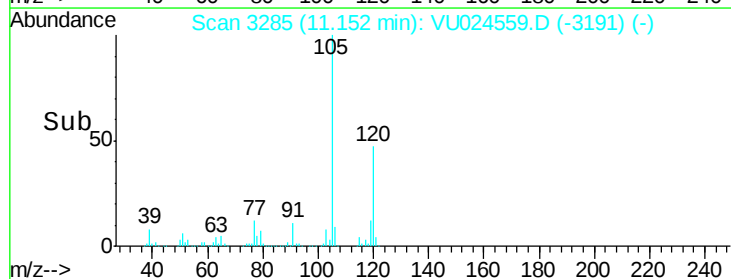
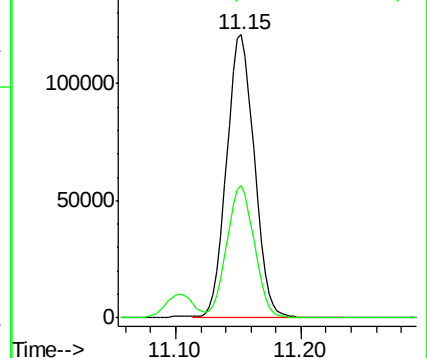
105 100

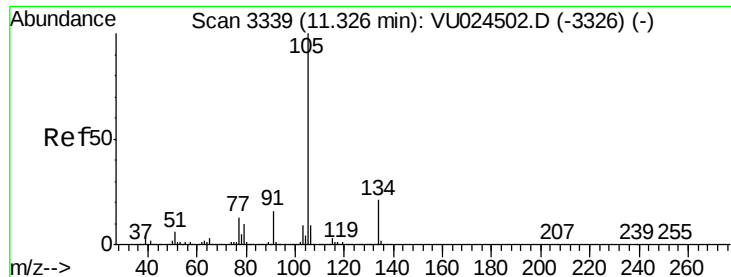
120 46.7 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.412 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

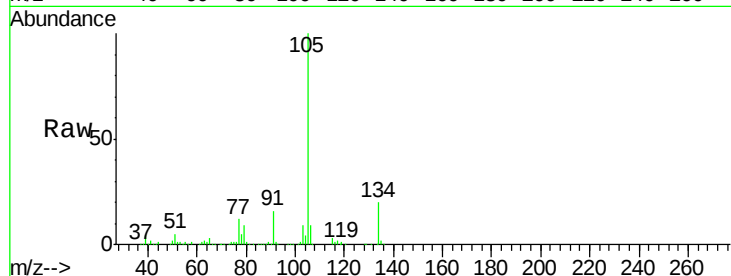
ClientSampleId :

Tot Ion:105 Resp: 220686

Ion Ratio Lower Upper

105 100

134 20.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

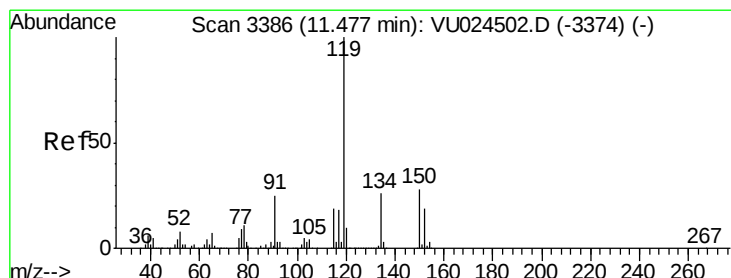
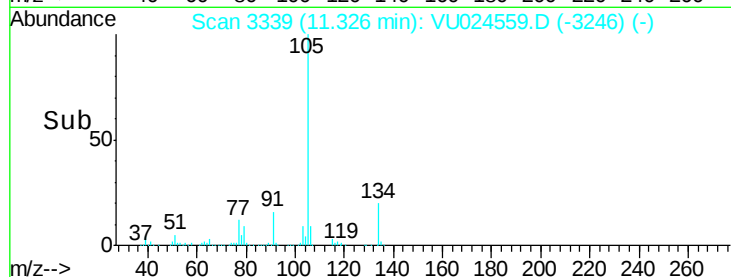
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.806 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

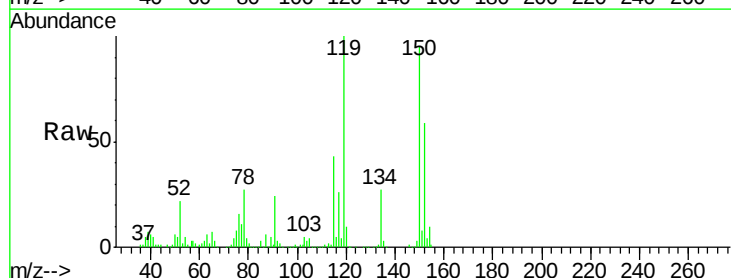
Tgt Ion:119 Resp: 191145

Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 24.8 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

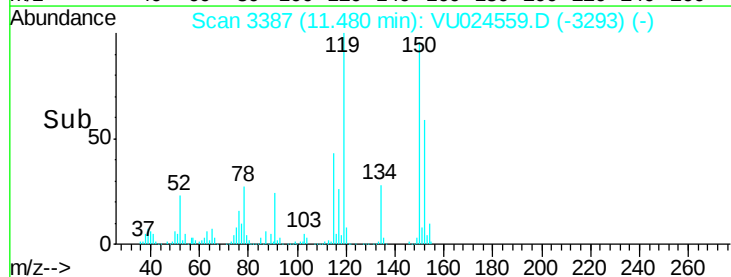
150000

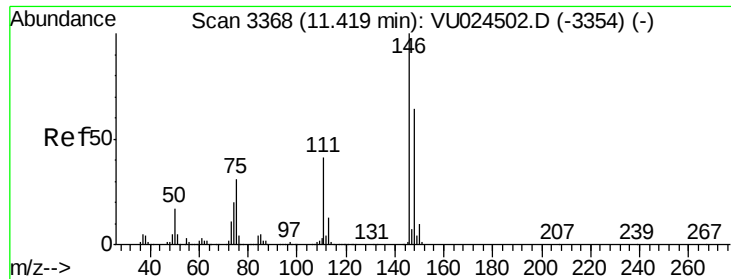
100000

50000

0

Time-->

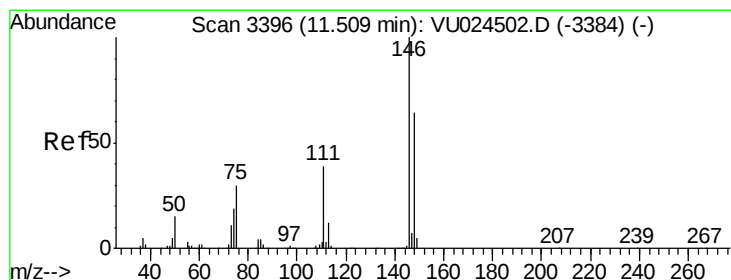
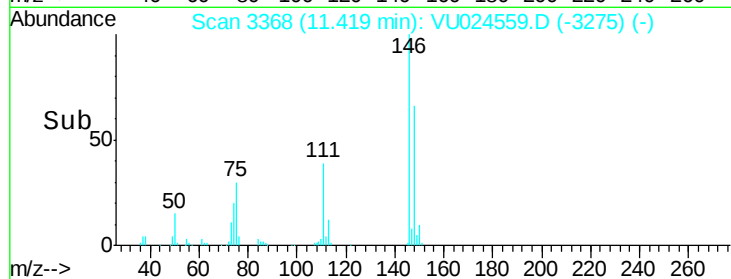
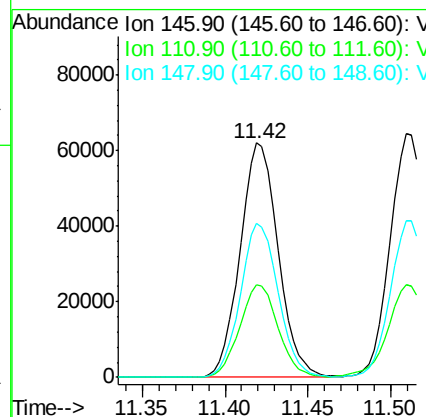
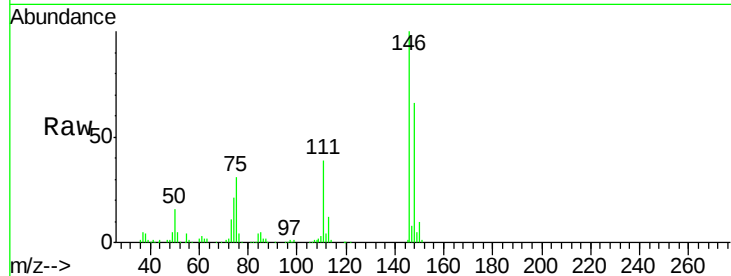




#87
 1,3-Dichlorobenzene
 Concen: 18.482 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

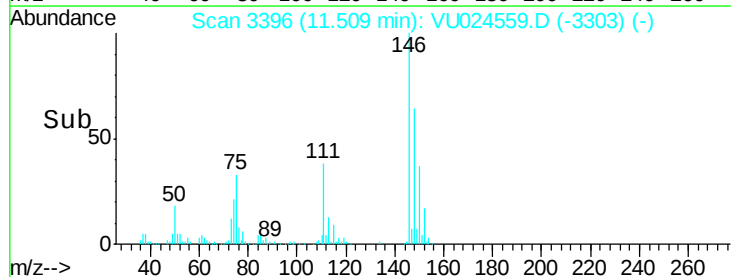
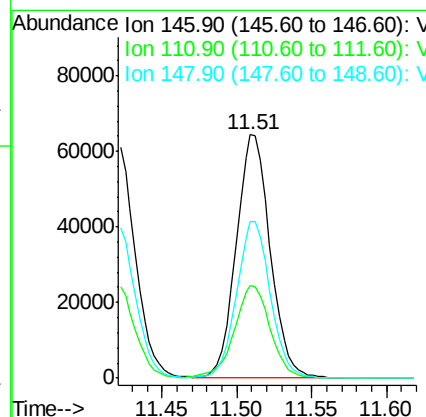
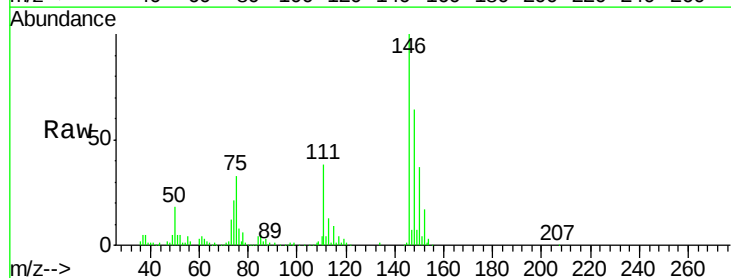
Instrument :
 MSVOA_U
 ClientSampled :

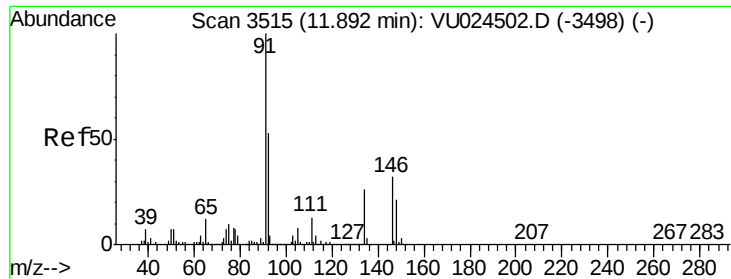
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	65.1	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.703 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.5	58.5
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 18.290 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

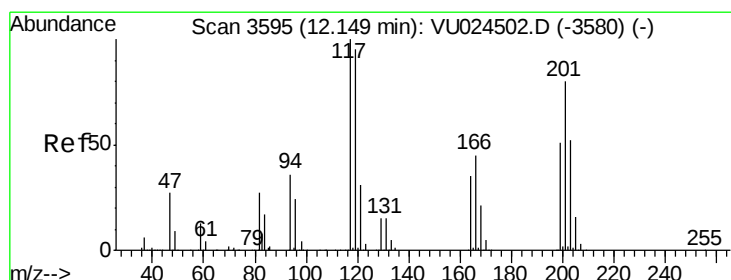
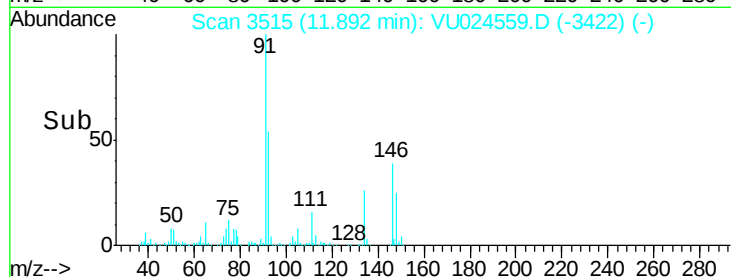
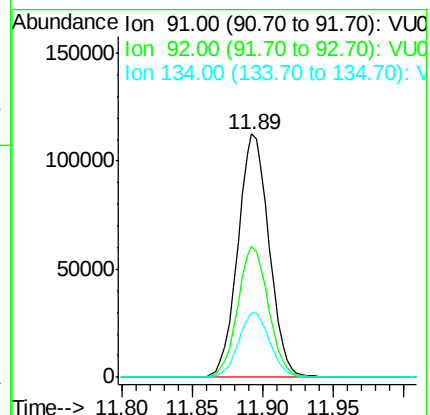
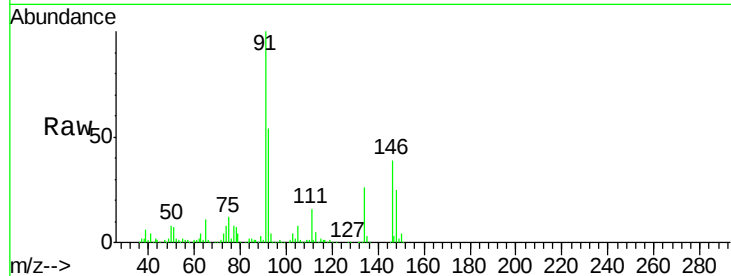
Tot Ion: 91 Resp: 174312

Ion Ratio Lower Upper

91 100

92 53.3 25.6 76.8

134 26.5 12.3 36.8



#90

Hexachloroethane

Concen: 17.646 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU024559.D

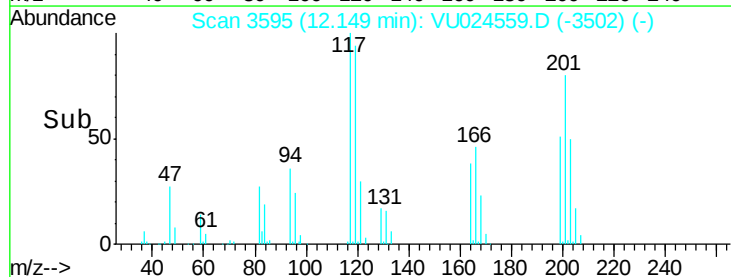
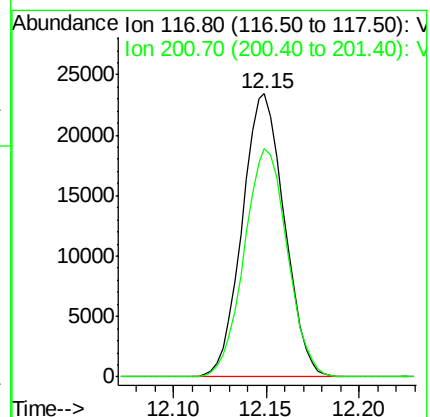
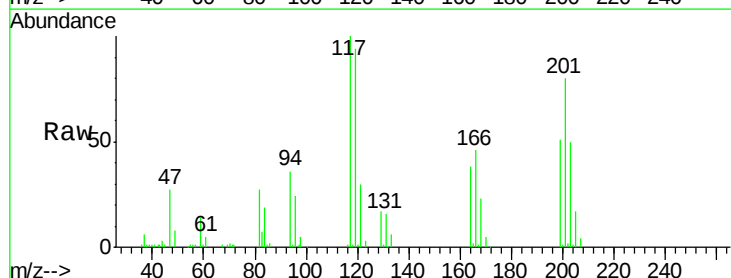
Acq: 14 Jun 2018 23:26

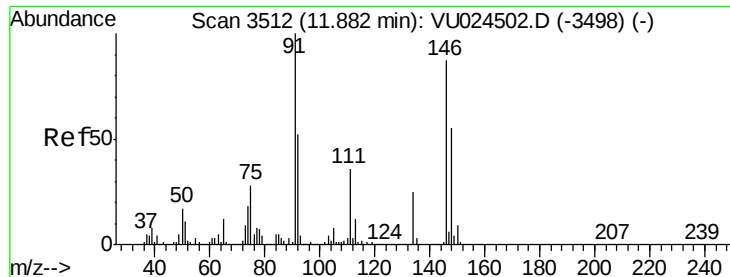
Tgt Ion: 117 Resp: 36952

Ion Ratio Lower Upper

117 100

201 82.3 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 18.556 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

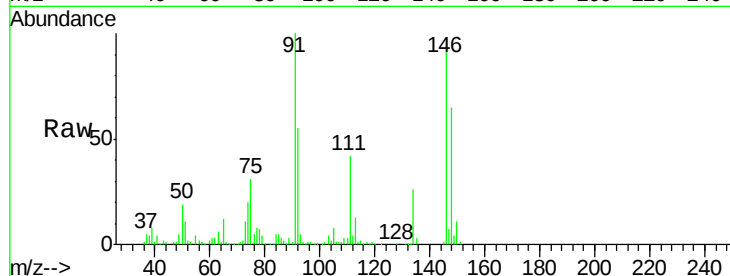
Tot Ion:146 Resp: 99839

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

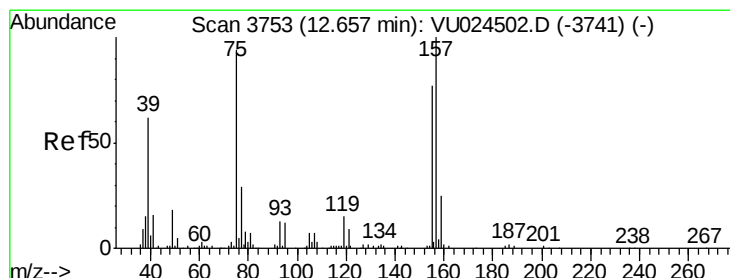
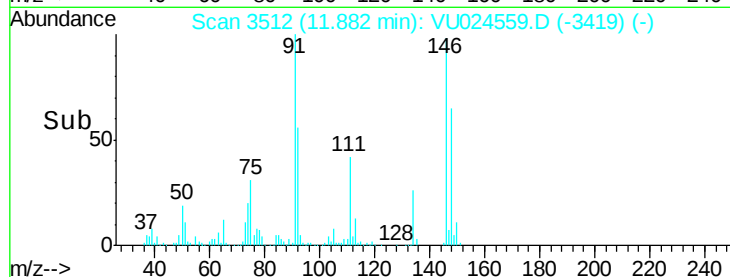
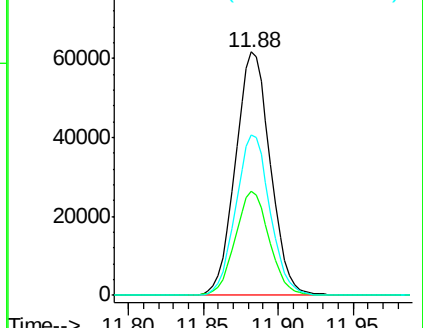
148 64.9 31.9 95.7



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: 17.335 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

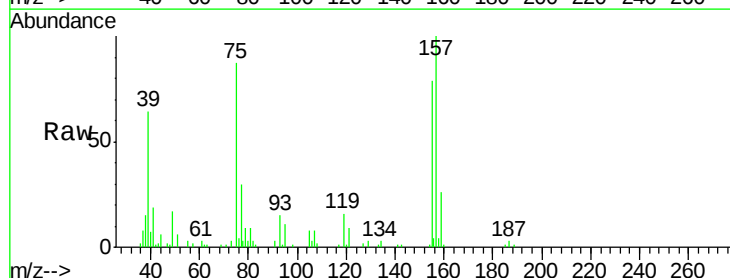
Tgt Ion: 75 Resp: 18409

Ion Ratio Lower Upper

75 100

155 91.5 40.4 121.2

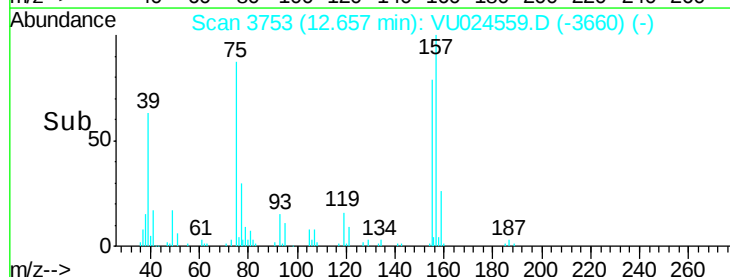
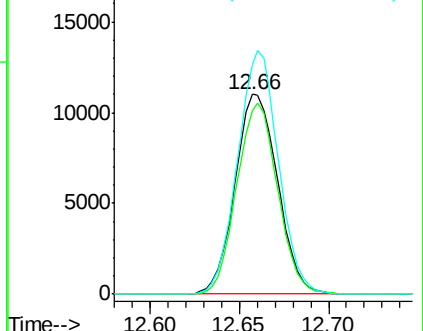
157 116.6 52.3 156.8

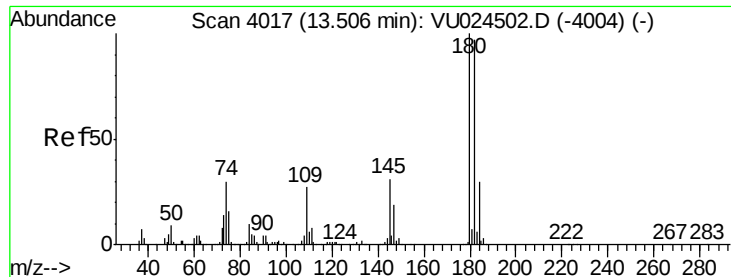


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

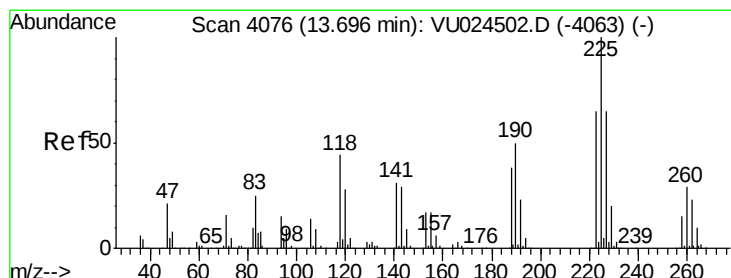
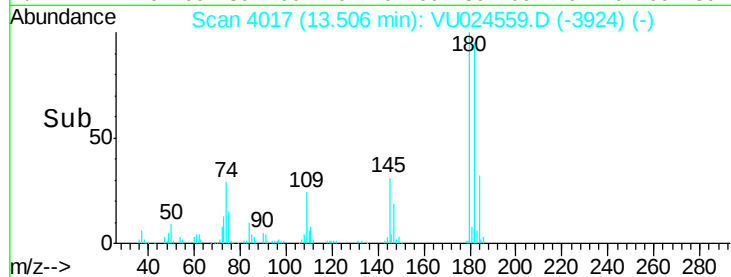
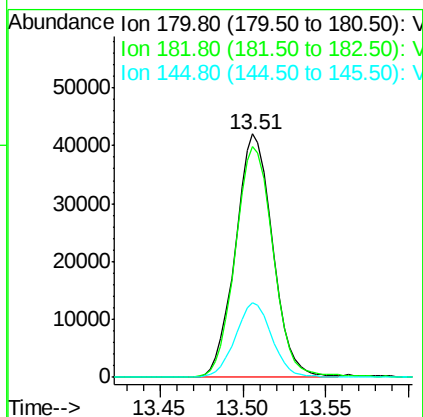
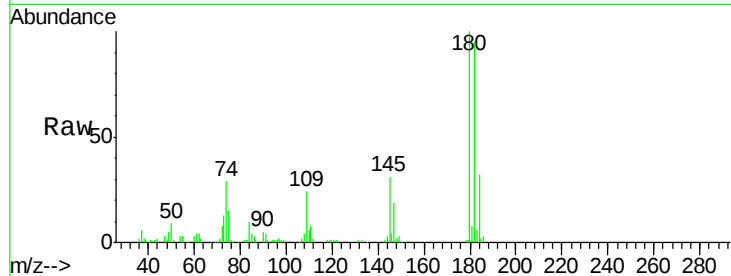




#93
 1,2,4-Trichlorobenzene
 Concen: 19.799 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

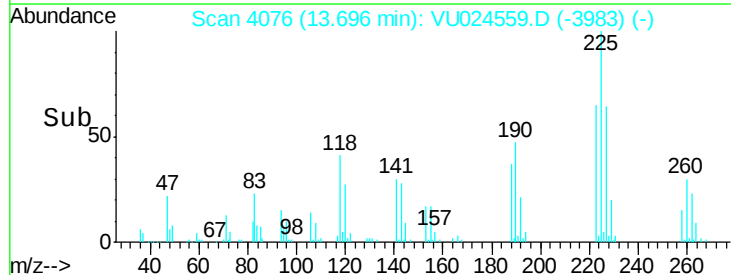
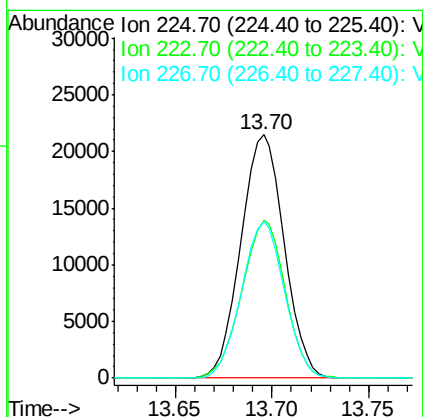
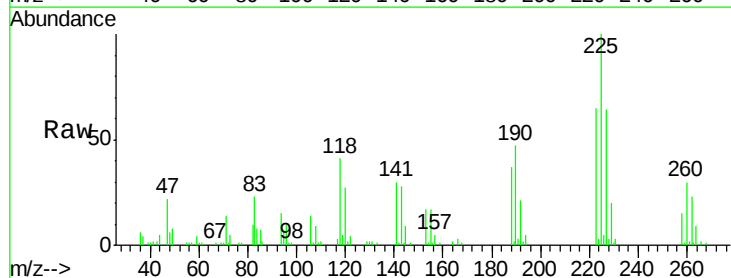
Instrument :
 MSVOA_U
 ClientSampled :

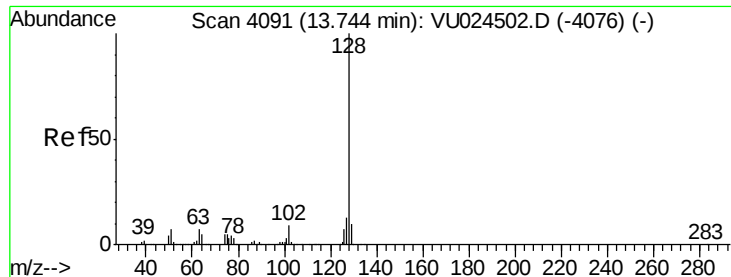
Tot Ion:180 Resp: 65783
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.0 144.2
 145 30.1 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 17.892 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Tgt Ion:225 Resp: 33461
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.3 93.8
 227 63.8 31.8 95.4





#95

Naphthalene

Concen: 19.117 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

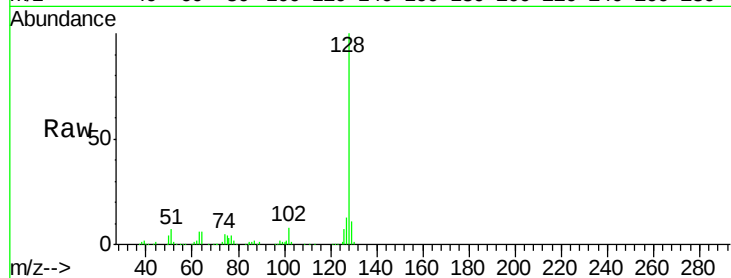
Tot Ion:128 Resp: 205601

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

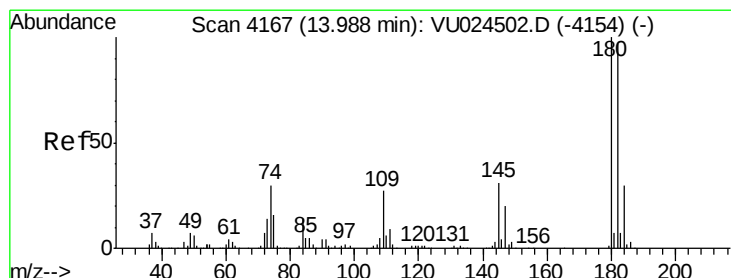
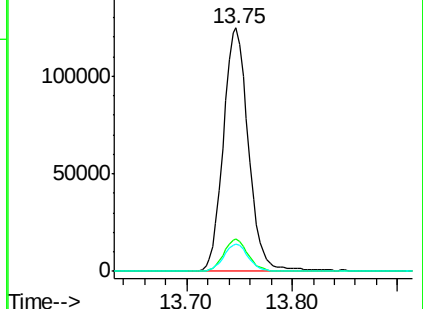
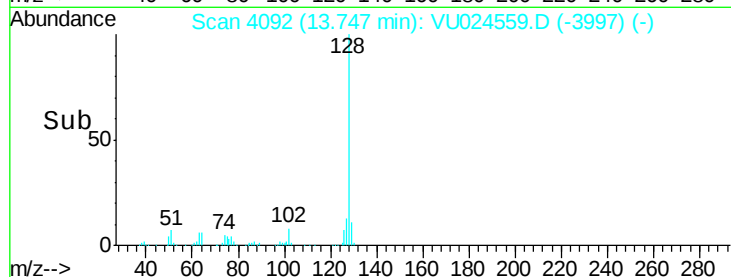
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.480 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

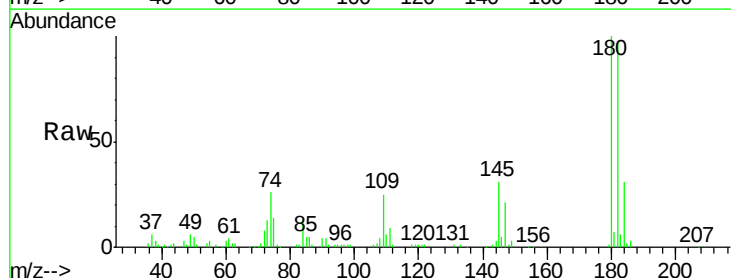
Tgt Ion:180 Resp: 67805

Ion Ratio Lower Upper

180 100

182 98.0 47.9 143.7

145 31.2 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

