

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025226.D
 Acq On : 05 Jul 2018 19:29
 Operator : MD/SY
 Sample : J3808-05MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 05:17:12 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	161411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	247404	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	237281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144834	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	123665	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.86%		
35) Dibromofluoromethane	4.89	113	101799	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.16%		
50) Toluene-d8	7.57	98	313169	41.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	83.62%		
62) 4-Bromofluorobenzene	10.31	95	140381	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.42%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81782	40.48	ug/l	98
3) Chloromethane	1.33	50	100156	48.52	ug/l	99
4) Vinyl Chloride	1.40	62	100317	47.13	ug/l	98
5) Bromomethane	1.62	94	54168	52.64	ug/l	99
6) Chloroethane	1.69	64	64590	54.39	ug/l	100
7) Trichlorofluoromethane	1.89	101	160340	49.36	ug/l	98
8) Diethyl Ether	2.10	74	63058	57.31	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	95596	47.43	ug/l	97
10) Methyl Iodide	2.41	142	105330	60.51	ug/l	97
11) Tert butyl alcohol	2.82	59	169945	265.18	ug/l	100
12) 1,1-Dichloroethene	2.28	96	90026	48.98	ug/l	95
13) Acrolein	2.19	56	95167	282.78	ug/l	98
14) Allyl chloride	2.59	41	155242	45.49	ug/l	100
15) Acrylonitrile	2.93	53	342438	274.63	ug/l	99
16) Acetone	2.32	43	328059	231.71	ug/l	98
17) Carbon Disulfide	2.48	76	241435	41.03	ug/l	99
18) Methyl Acetate	2.62	43	208074	68.55	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	372691	53.95	ug/l	94
20) Methylene Chloride	2.70	84	110081	49.55	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	102497	50.63	ug/l	96
22) Diisopropyl ether	3.57	45	358904	53.06	ug/l	97
23) Vinyl Acetate	3.53	43	1460063	240.94	ug/l	98
24) 1,1-Dichloroethane	3.45	63	201827	51.86	ug/l	99
25) 2-Butanone	4.26	43	507403	266.81	ug/l	98
26) 2,2-Dichloropropane	4.23	77	144518	39.11	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	143082	61.48	ug/l	95
28) Bromochloromethane	4.55	49	73304	42.77	ug/l	85
29) Tetrahydrofuran	4.63	42	320614	272.24	ug/l	97
30) Chloroform	4.68	83	214495	54.46	ug/l	98
31) Cyclohexane	5.00	56	173262	50.14	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	194396	53.37	ug/l	96
36) 1,1-Dichloropropene	5.14	75	147643	50.79	ug/l	97
37) Ethyl Acetate	4.38	43	177316	55.96	ug/l	98
38) Carbon Tetrachloride	5.14	117	170417	53.31	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	176332	48.60	ug/l	94
40) Benzene	5.39	78	433971	52.39	ug/l	99
41) Methacrylonitrile	4.55	41	102193	59.82	ug/l	99
42) 1,2-Dichloroethane	5.41	62	182934	57.98	ug/l	99
43) Isopropyl Acetate	5.55	43	284391	51.92	ug/l	98
44) Trichloroethene	6.19	130	141301	59.93	ug/l	96
45) 1,2-Dichloropropane	6.44	63	120374	54.46	ug/l	98
46) Dibromomethane	6.56	93	86606	55.78	ug/l	94
47) Bromodichloromethane	6.76	83	165293	53.46	ug/l	99
48) Methyl methacrylate	6.63	41	152413	57.15	ug/l	97
49) 1,4-Dioxane	6.62	88	66916	1282.97	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	969520	281.76	ug/l	98
52) Toluene	7.64	92	284039	53.30	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	172570	49.70	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	181449	49.05	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	120116	55.44	ug/l	98
56) Ethyl methacrylate	8.02	69	189797	52.34	ug/l	99
57) 1,3-Dichloropropane	8.25	76	202195	55.33	ug/l	97
59) 2-Hexanone	8.36	43	773990	275.51	ug/l	99
60) Dibromochloromethane	8.48	129	136951	50.69	ug/l	100
61) 1,2-Dibromoethane	8.59	107	132283	54.86	ug/l	98
64) Tetrachloroethene	8.23	164	102802	45.58	ug/l	97
65) Chlorobenzene	9.12	112	347842	57.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	124387	54.01	ug/l	98
67) Ethyl Benzene	9.25	91	557936	52.50	ug/l	97
68) m/p-Xylenes	9.38	106	437482	107.21	ug/l	97
69) o-Xylene	9.78	106	217238	53.79	ug/l	98
70) Styrene	9.80	104	344039	51.84	ug/l	99
71) Bromoform	9.96	173	108341	49.49	ug/l	# 100
73) Isopropylbenzene	10.17	105	596621	53.65	ug/l	99
74) N-amyl acetate	10.01	43	250929	47.44	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	205002	55.02	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	236347	74.12	ug/l	82
77) Bromobenzene	10.45	156	152103	54.03	ug/l	93
78) n-propylbenzene	10.59	91	675969	51.60	ug/l	98
79) 2-Chlorotoluene	10.66	91	398882	51.64	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	501394	52.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	236347	171.54	ug/l	# 100
82) 4-Chlorotoluene	10.78	91	455800	50.70	ug/l	99
83) tert-Butylbenzene	11.10	119	559092	60.31	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	514426	52.37	ug/l	99
85) sec-Butylbenzene	11.33	105	687305	59.23	ug/l	96
86) p-Isopropyltoluene	11.48	119	533780	51.36	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	273120	52.51	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	268775	51.34	ug/l	100
89) n-Butylbenzene	11.89	91	448174	48.57	ug/l	97
90) Hexachloroethane	12.15	117	98559	48.61	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	281061	53.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	55443	53.92	ug/l	95
93) 1,2,4-Trichlorobenzene	13.51	180	175505	54.56	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	93744	51.77	ug/l	98
95) Naphthalene	13.75	128	611932	57.36	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	187775	58.58	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

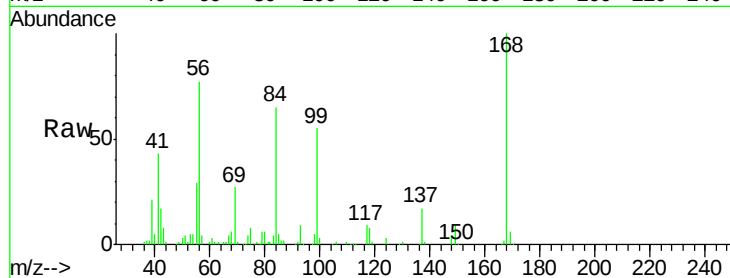
ClientSampleId :

Tot Ion:168 Resp: 161411

Ion Ratio Lower Upper

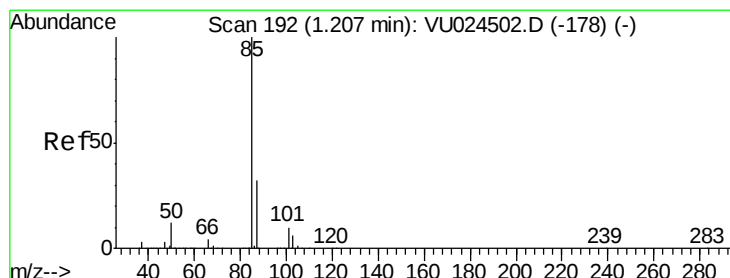
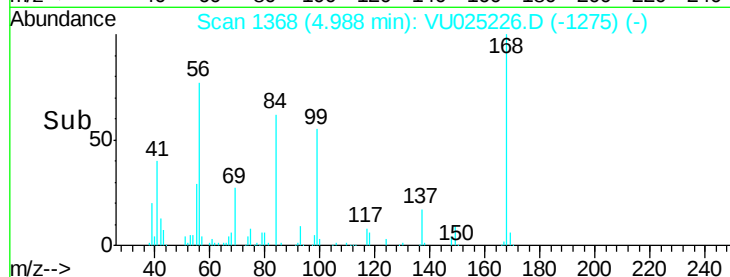
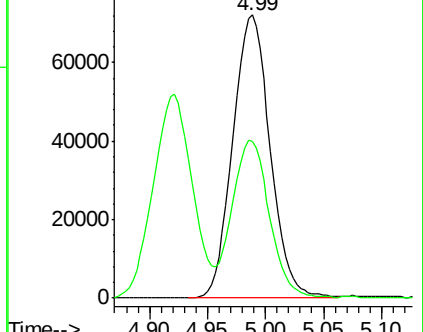
168 100

99 55.1 43.2 64.8



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

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



#2

Dichlorodifluoromethane

Concen: 40.48 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025226.D

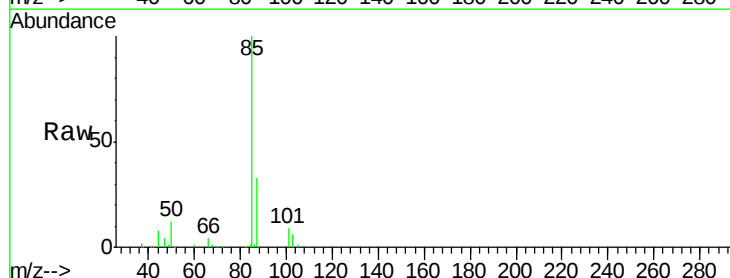
Acq: 05 Jul 2018 19:29

Tgt Ion: 85 Resp: 81782

Ion Ratio Lower Upper

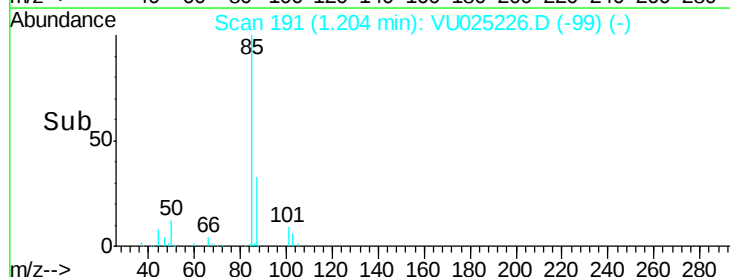
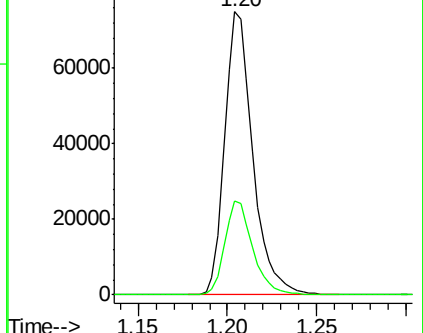
85 100

87 33.4 16.1 48.2



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

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





#3

Chloromethane

Concen: 48.52 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

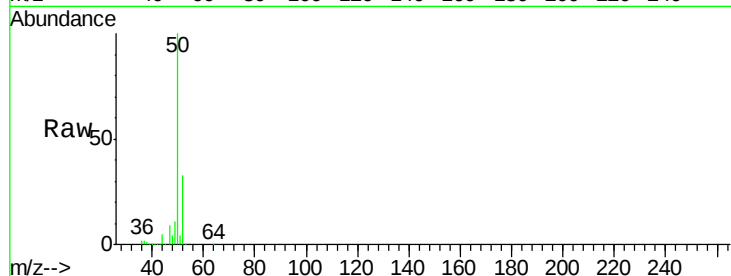
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 100156

Ion Ratio Lower Upper

50 100

52 33.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)

1.33

100000

80000

60000

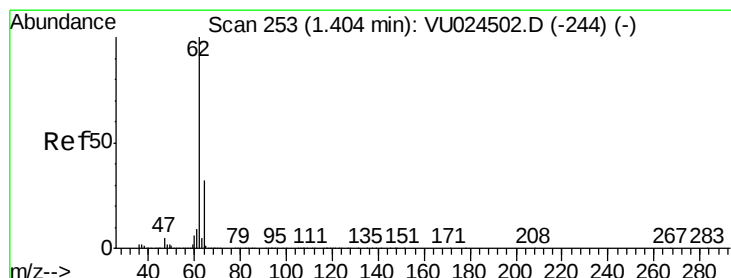
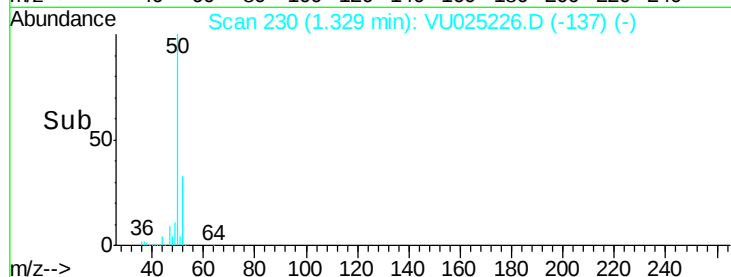
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 47.13 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025226.D

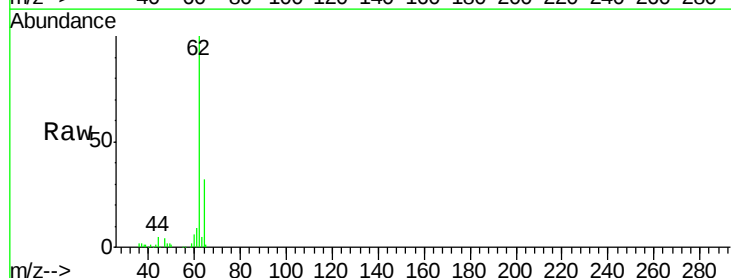
Acq: 05 Jul 2018 19:29

Tgt Ion: 62 Resp: 100317

Ion Ratio Lower Upper

62 100

64 32.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)

1.40

100000

80000

60000

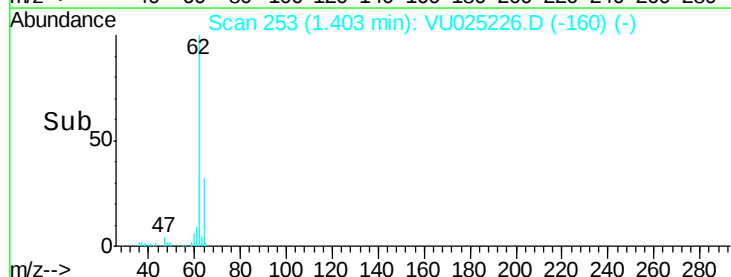
40000

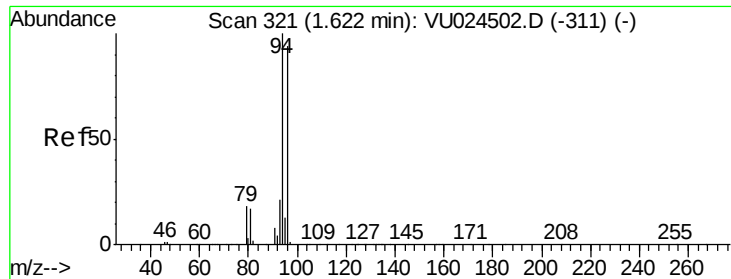
20000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 52.64 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

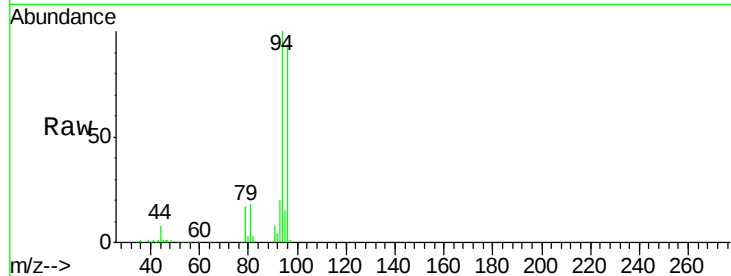
ClientSampleId :

Tot Ion: 94 Resp: 54168

Ion Ratio Lower Upper

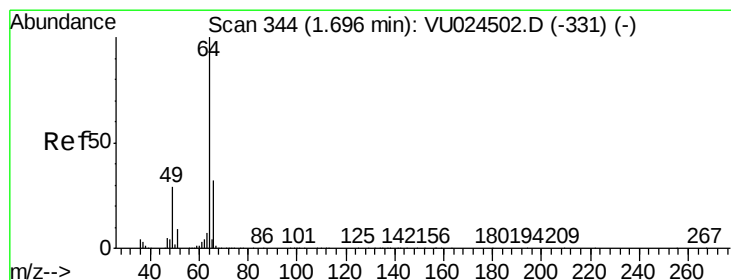
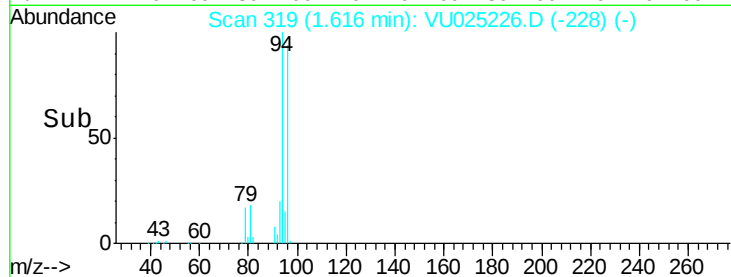
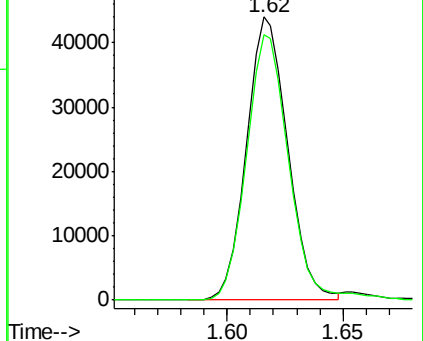
94 100

96 93.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 54.39 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025226.D

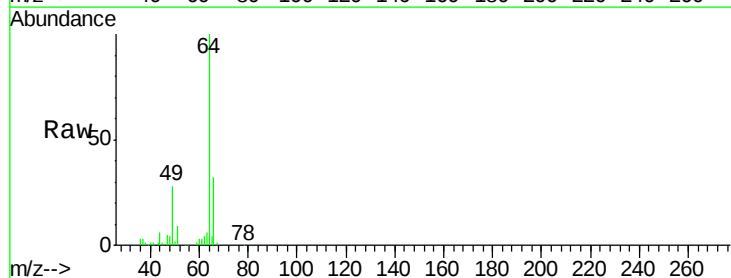
Acq: 05 Jul 2018 19:29

Tgt Ion: 64 Resp: 64590

Ion Ratio Lower Upper

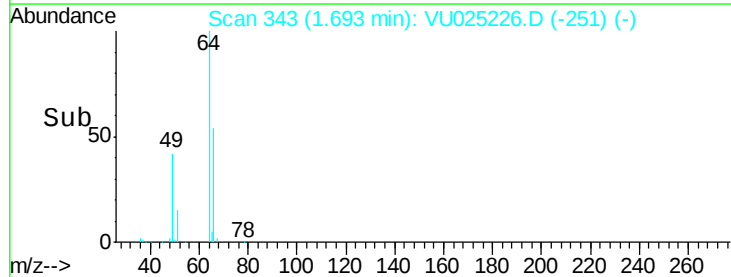
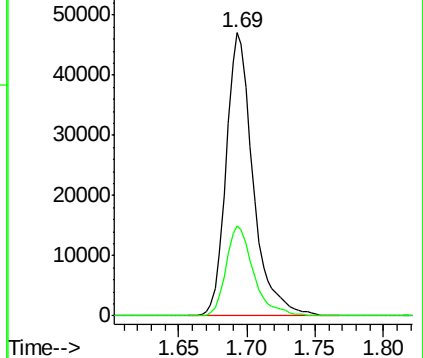
64 100

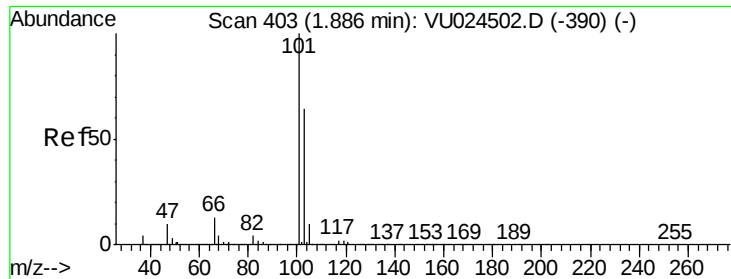
66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



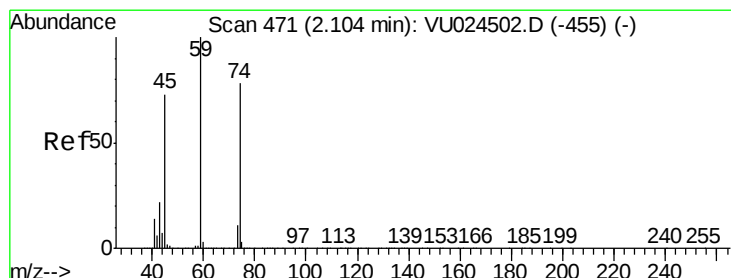
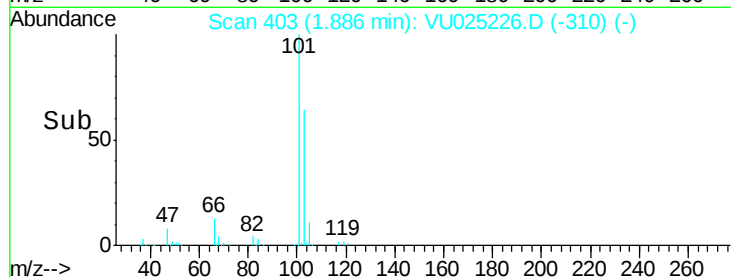
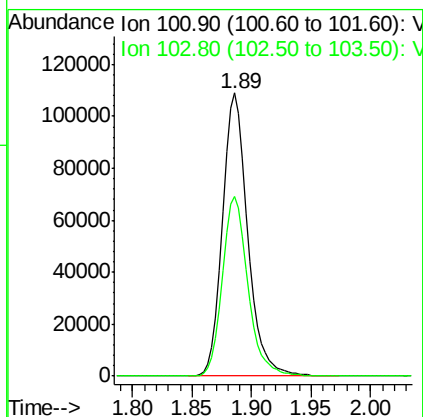
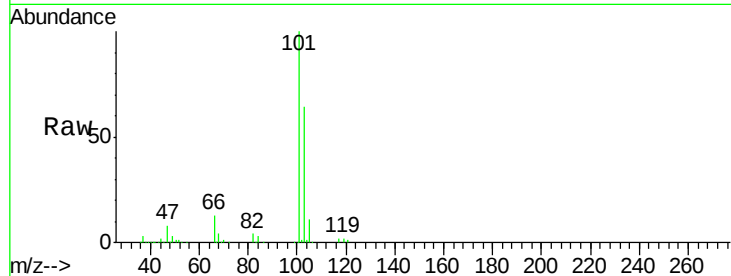


#7

Trichlorofluoromethane
 Concen: 49.36 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
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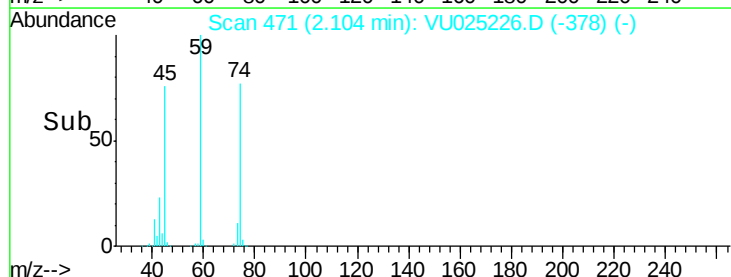
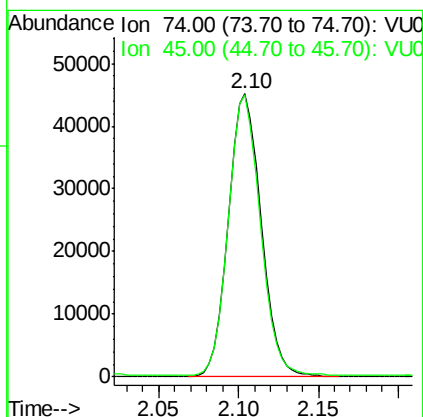
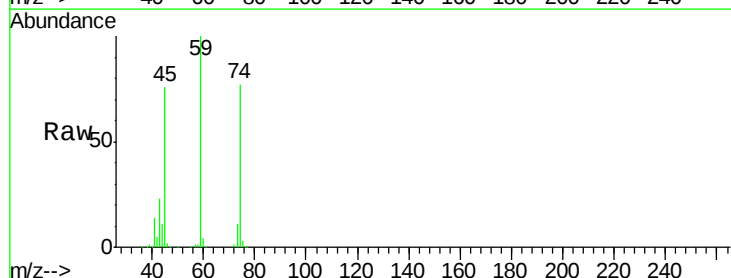
Tot Ion:101 Resp: 160340
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.3 78.5



#8

Diethyl Ether
 Concen: 57.31 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion: 74 Resp: 63058
 Ion Ratio Lower Upper
 74 100
 45 96.9 55.0 165.0

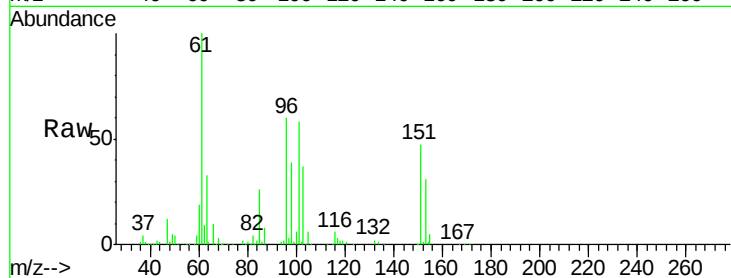




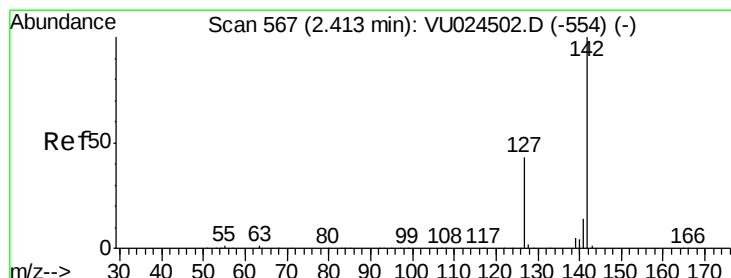
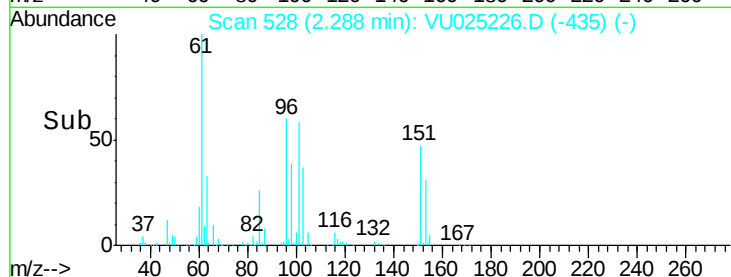
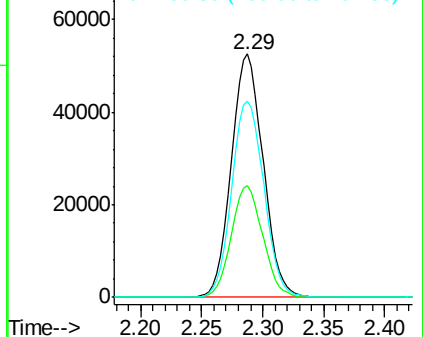
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.43 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.0	54.0
151	81.4	62.3	93.5

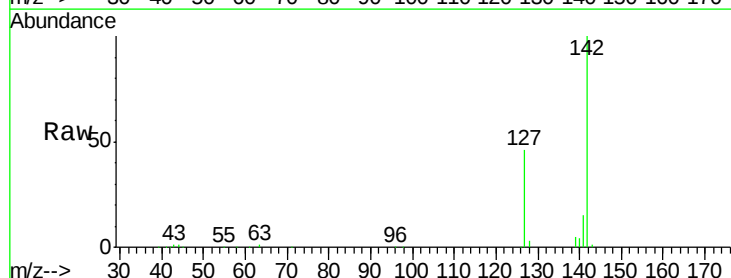


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 150.80 (150.50 to 151.50): V

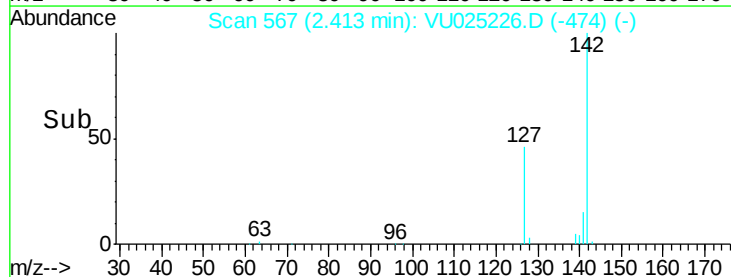
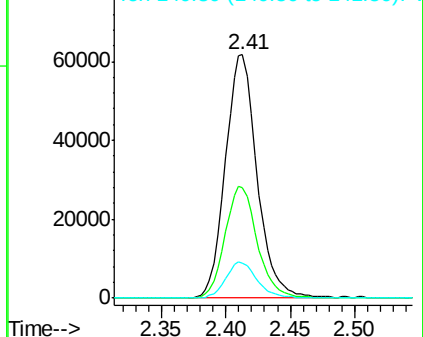


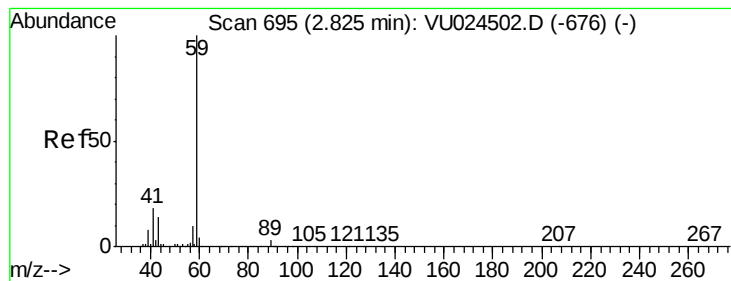
#10
 Methyl Iodide
 Concen: 60.51 ug/l
 RT: 2.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.7	35.6	53.4
141	14.5	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



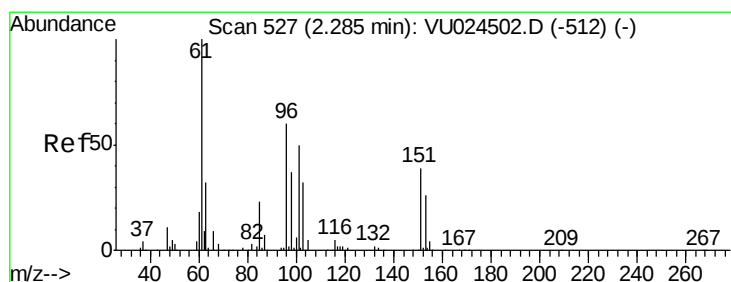
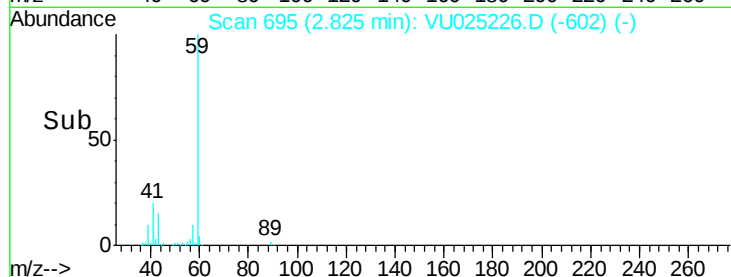
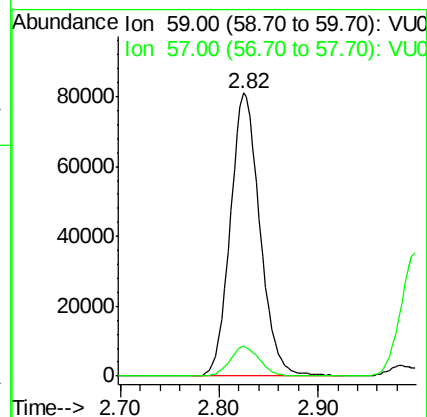
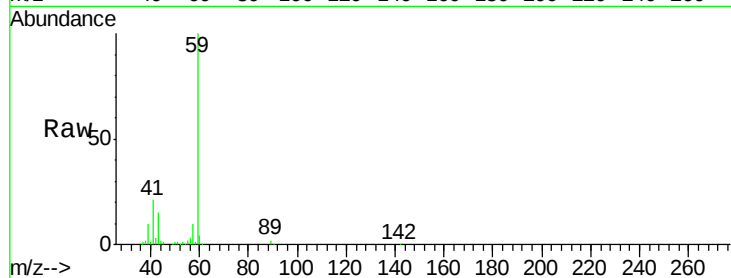


#11

Tert butyl alcohol
 Concen: 265.18 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampled :

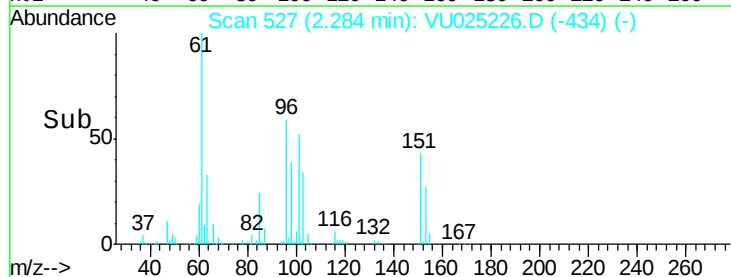
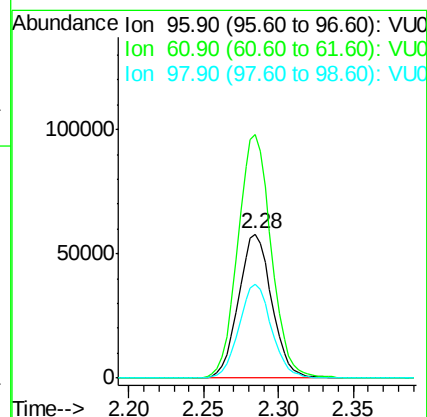
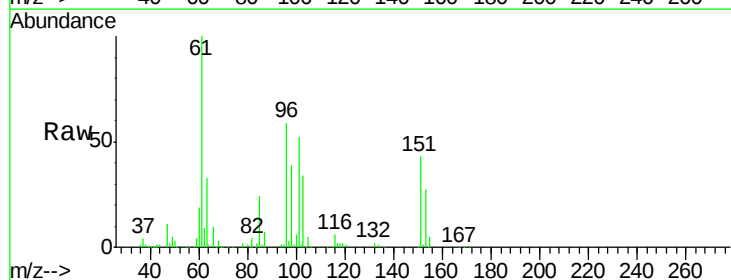
Tot Ion: 59 Resp: 169945
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

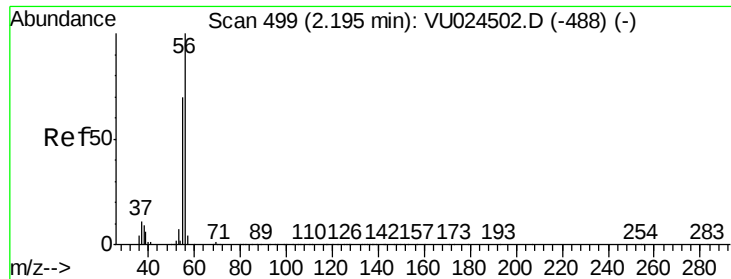


#12

1,1-Dichloroethene
 Concen: 48.98 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion: 96 Resp: 90026
 Ion Ratio Lower Upper
 96 100
 61 168.7 141.7 212.5
 98 65.1 51.6 77.4





#13

Acrolein

Concen: 282.78 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

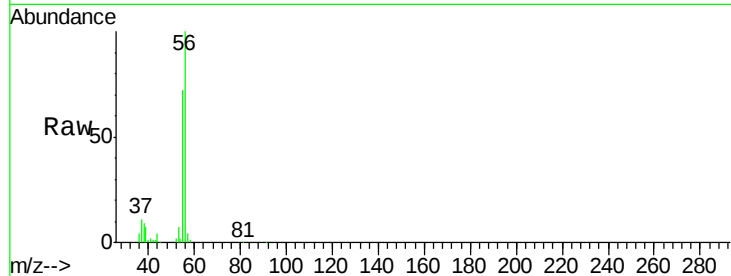
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 95167

Ion Ratio Lower Upper

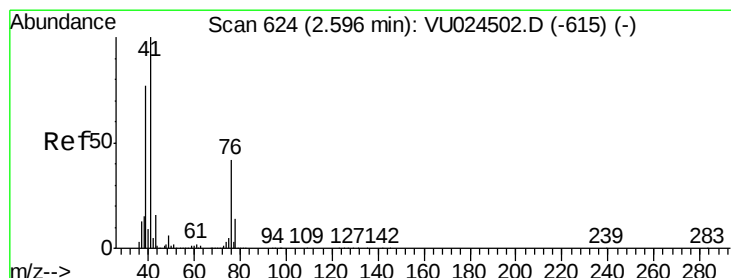
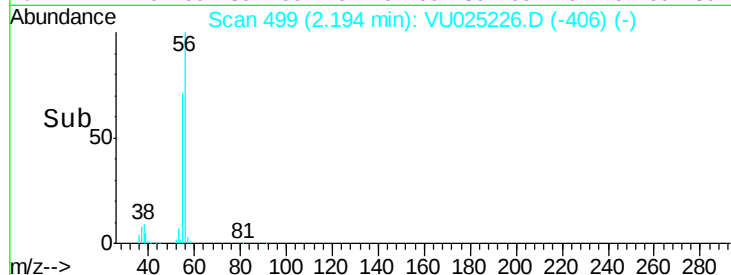
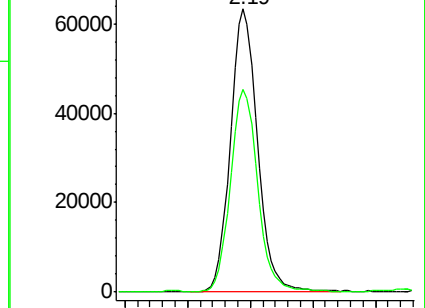
56 100

55 70.9 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 45.49 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

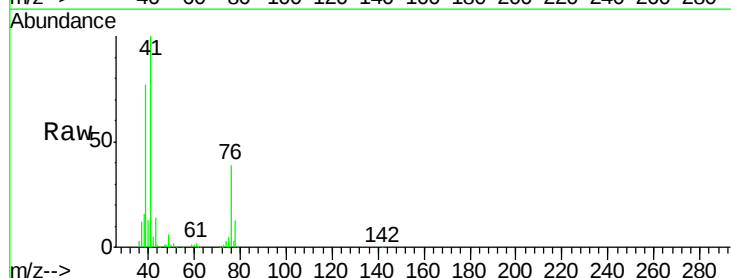
Tgt Ion: 41 Resp: 155242

Ion Ratio Lower Upper

41 100

39 76.8 61.6 92.4

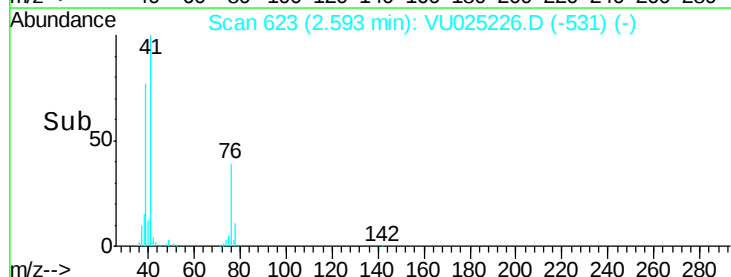
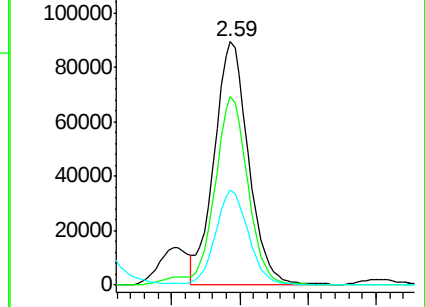
76 37.3 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 274.63 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

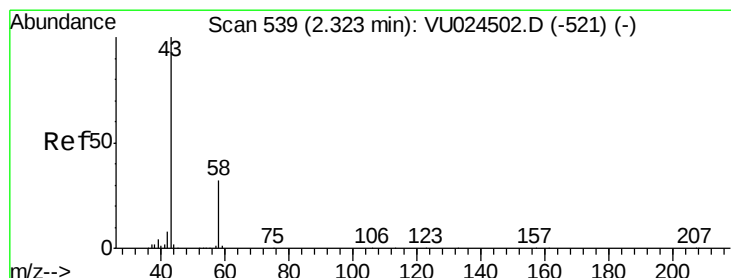
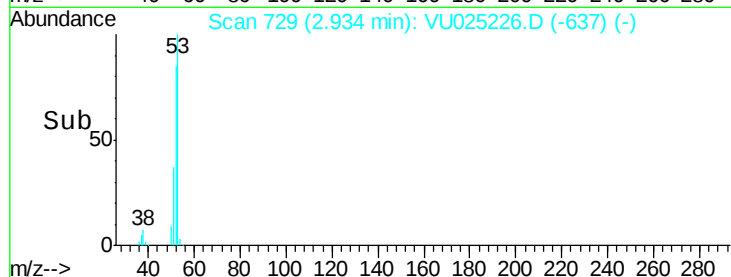
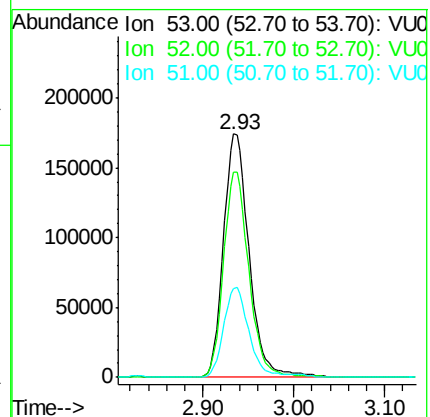
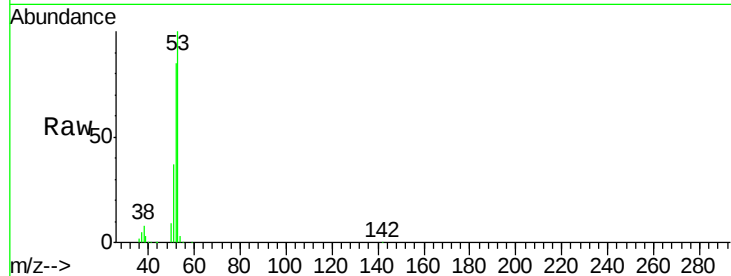
Tot Ion: 53 Resp: 342438

Ion Ratio Lower Upper

53 100

52 83.2 67.1 100.7

51 37.2 28.4 42.6



#16

Acetone

Concen: 231.71 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025226.D

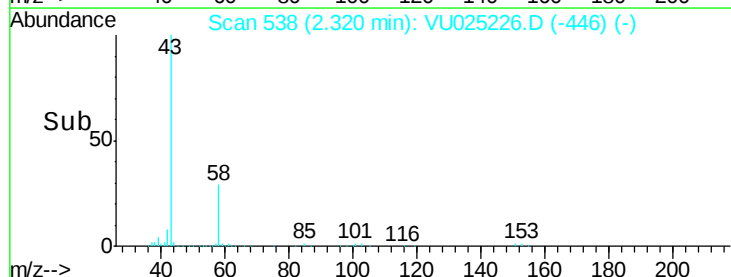
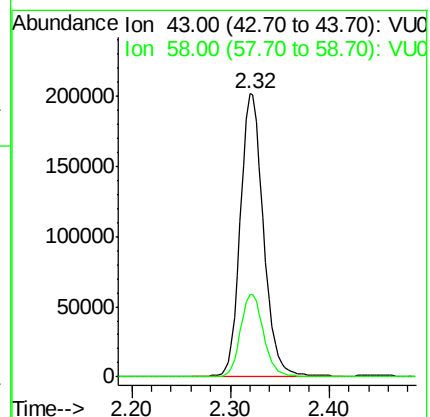
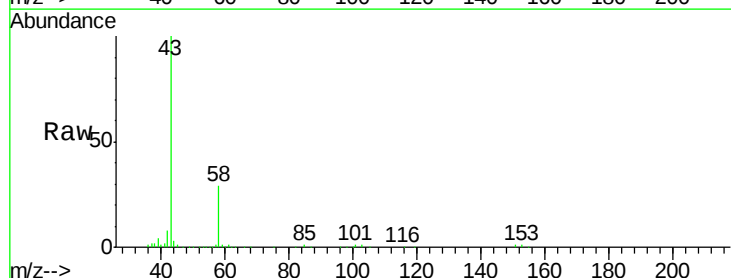
Acq: 05 Jul 2018 19:29

Tgt Ion: 43 Resp: 328059

Ion Ratio Lower Upper

43 100

58 29.1 24.4 36.6





#17

Carbon Disulfide

Concen: 41.03 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

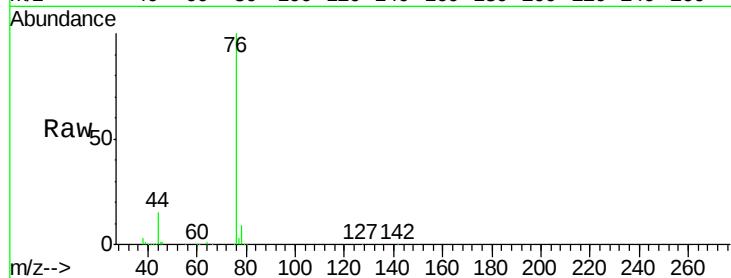
ClientSampleId :

Tot Ion: 76 Resp: 241435

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU024502.D (-574) (-)

Ion 77.90 (77.60 to 78.60): VU024502.D (-574) (-)

2.48

150000

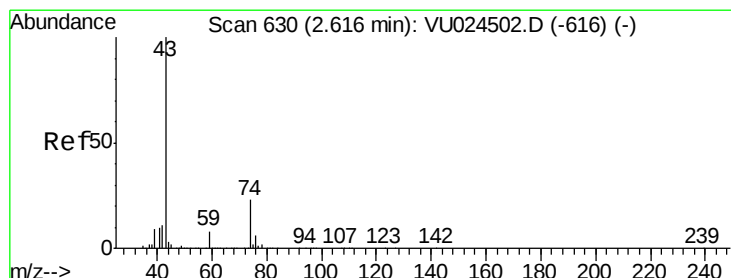
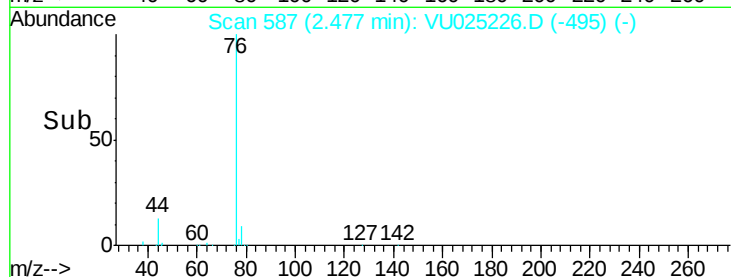
100000

50000

0

2.40 2.45 2.50 2.55 2.60

Time-->



#18

Methyl Acetate

Concen: 68.55 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025226.D

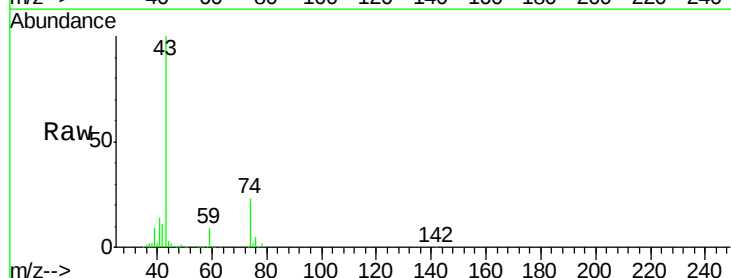
Acq: 05 Jul 2018 19:29

Tgt Ion: 43 Resp: 208074

Ion Ratio Lower Upper

43 100

74 23.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-616) (-)

Ion 74.00 (73.70 to 74.70): VU024502.D (-616) (-)

2.62

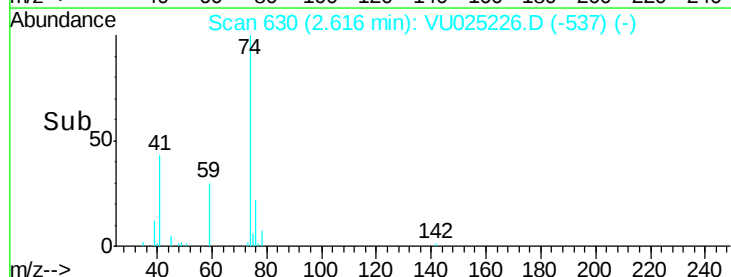
100000

50000

0

2.55 2.60 2.65 2.70

Time-->

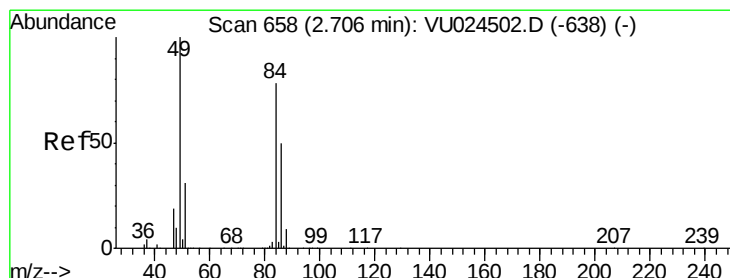
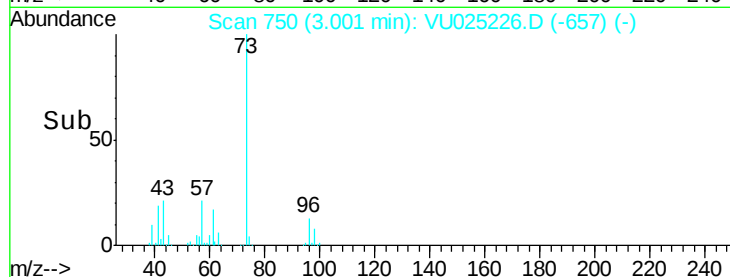
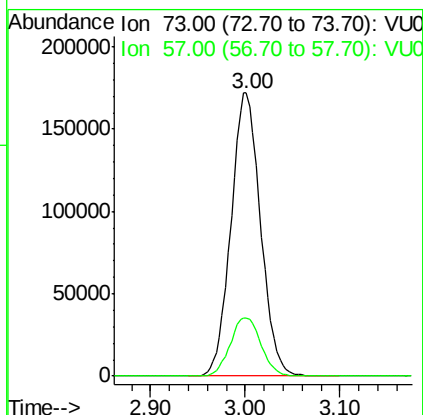
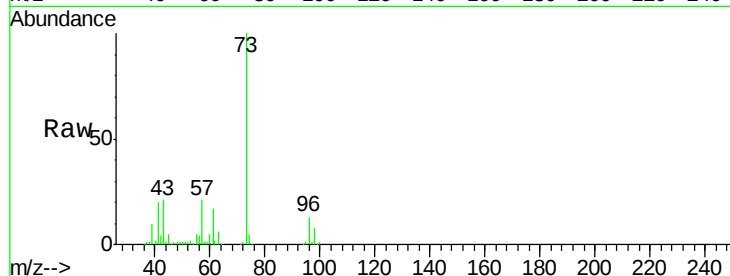




#19
Methvl tert-butvl Ether
Concen: 53.95 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

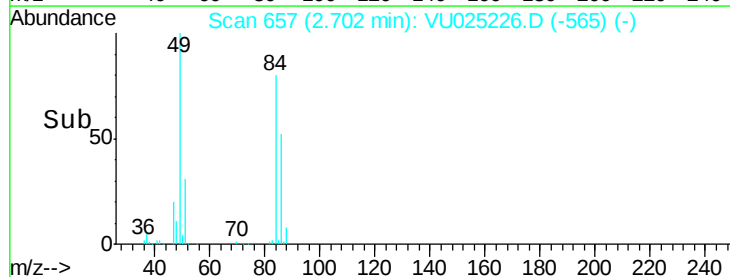
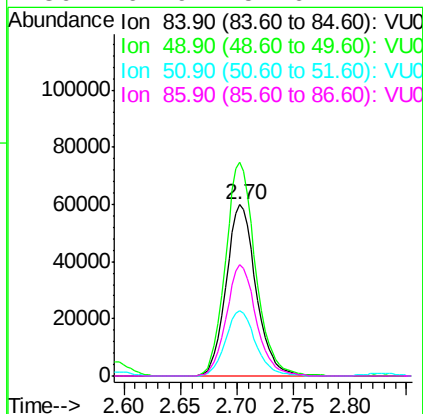
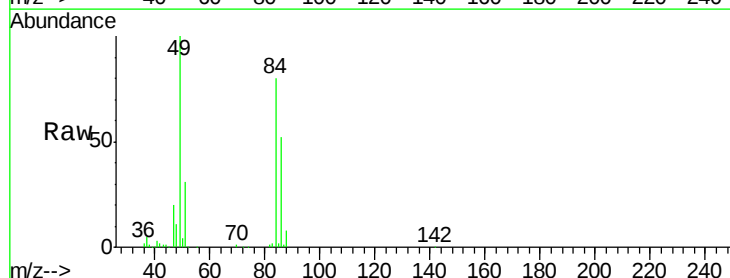
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 372691
Ion Ratio Lower Upper
73 100
57 20.7 18.8 28.2



#20
Methylene Chloride
Concen: 49.55 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion: 84 Resp: 110081
Ion Ratio Lower Upper
84 100
49 125.0 103.8 155.8
51 38.4 32.0 48.0
86 64.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 50.63 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

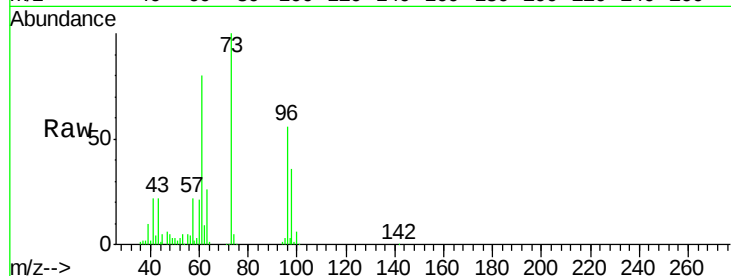
Tot Ion: 96 Resp: 102497

Ion Ratio Lower Upper

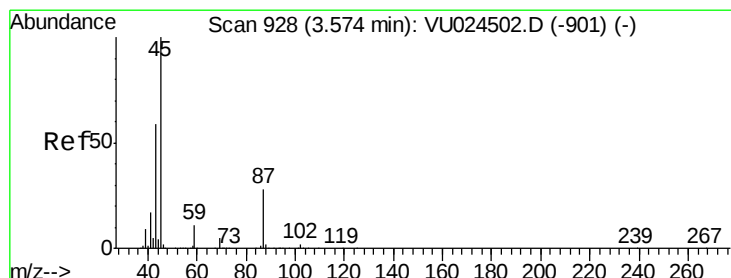
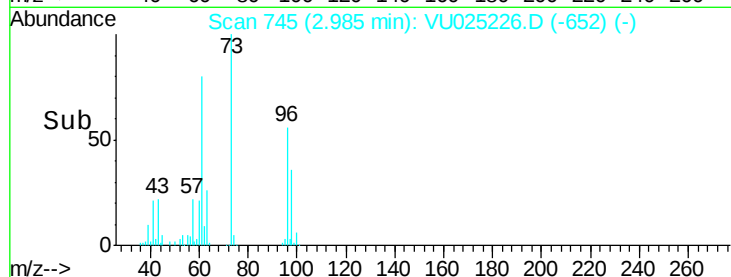
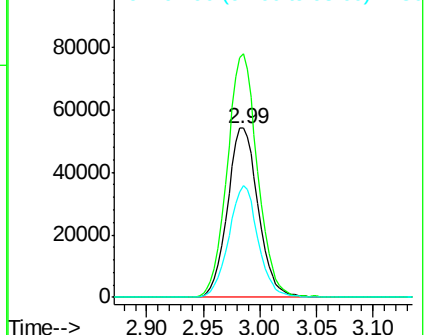
96 100

61 143.8 119.4 179.0

98 65.7 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: 53.06 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion: 45 Resp: 358904

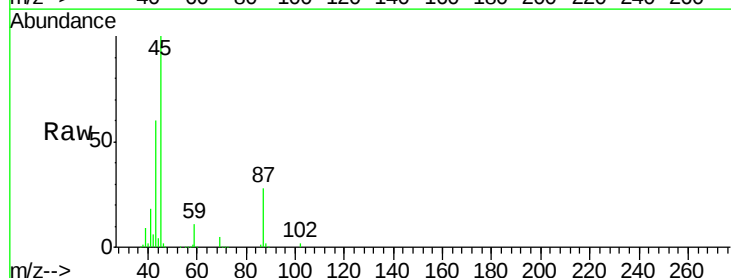
Ion Ratio Lower Upper

45 100

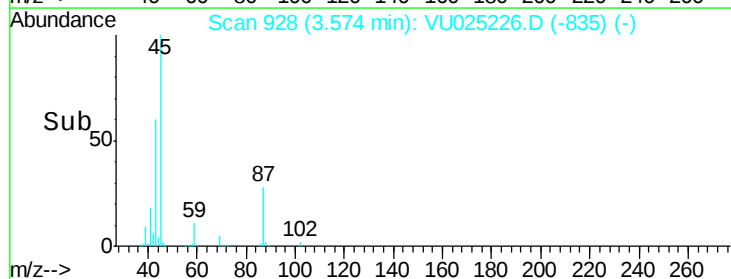
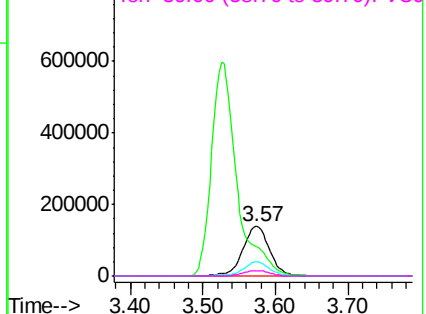
43 59.6 45.8 68.6

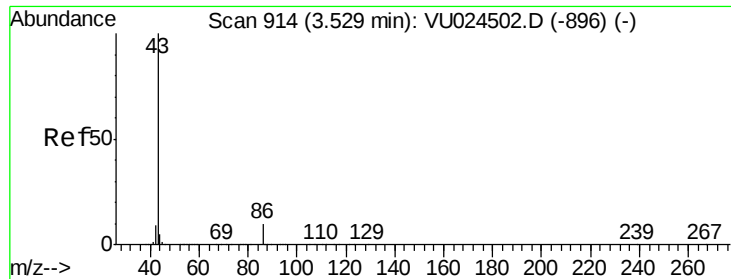
87 27.5 20.6 31.0

59 11.5 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: 240.94 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

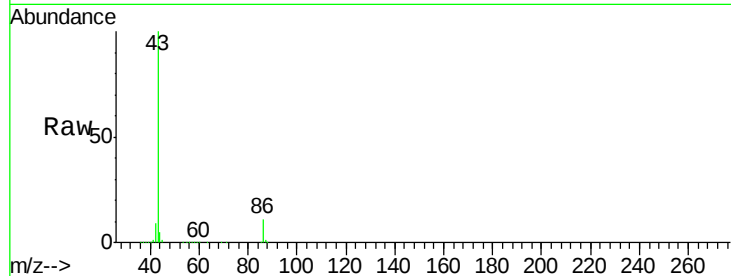
ClientSampled :

Tot Ion: 43 Resp: 1460063

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

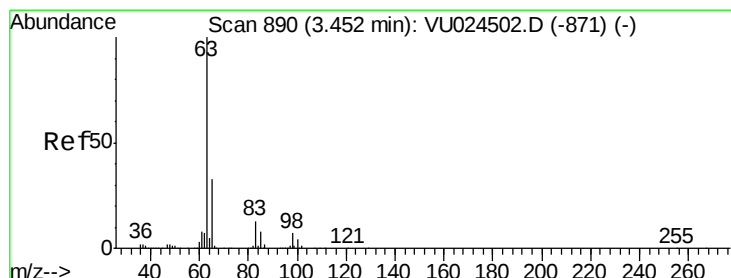
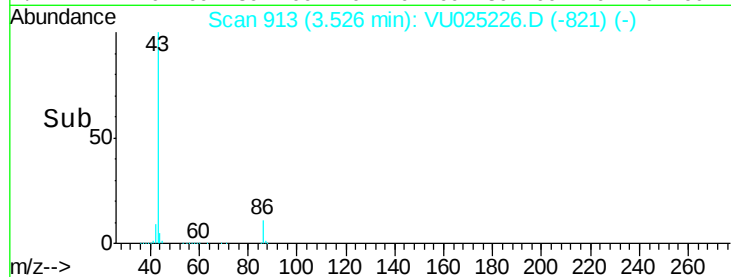
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.86 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

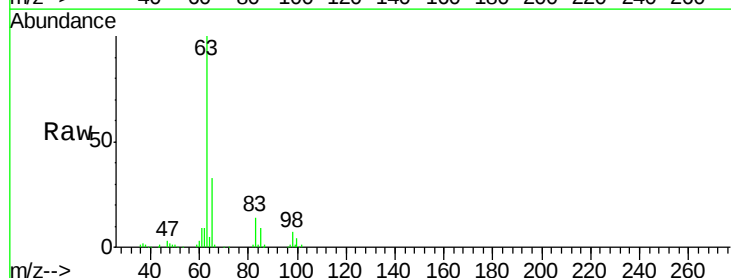
Tgt Ion: 63 Resp: 201827

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.4 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

120000

100000

80000

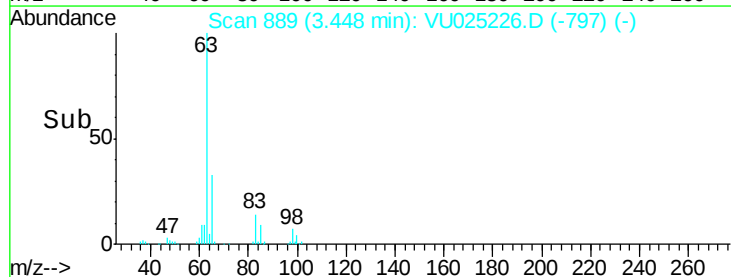
60000

40000

20000

0

Time-->

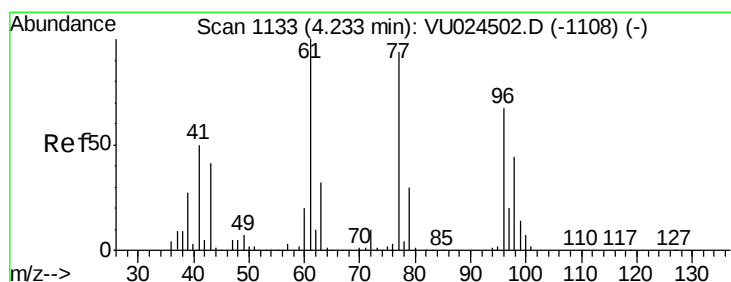
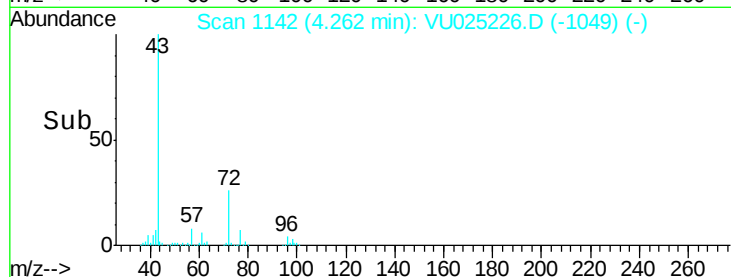
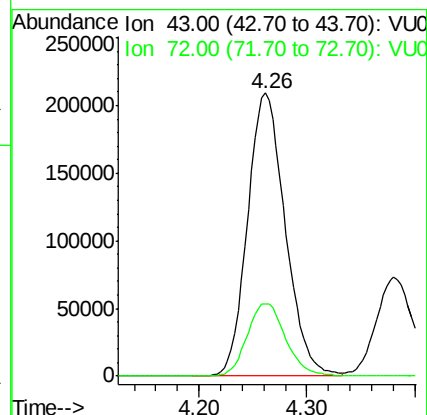
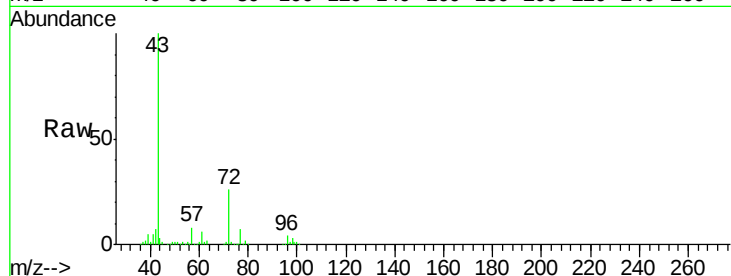




#25
2-Butanone
Concen: 266.81 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

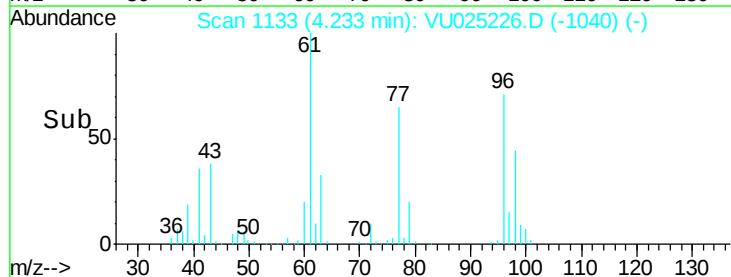
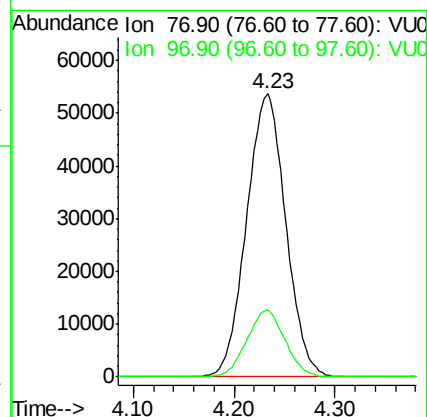
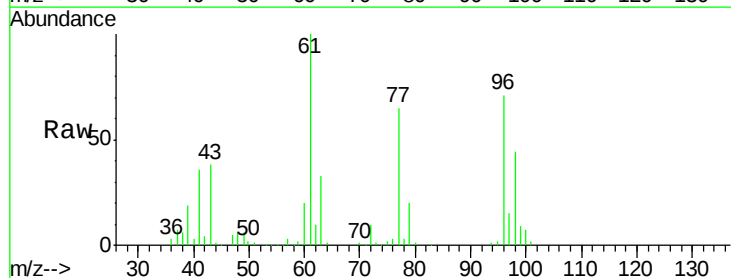
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 507403
Ion Ratio Lower Upper
43 100
72 25.7 19.6 29.4



#26
2,2-Dichloropropane
Concen: 39.11 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion: 77 Resp: 144518
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 61.48 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :

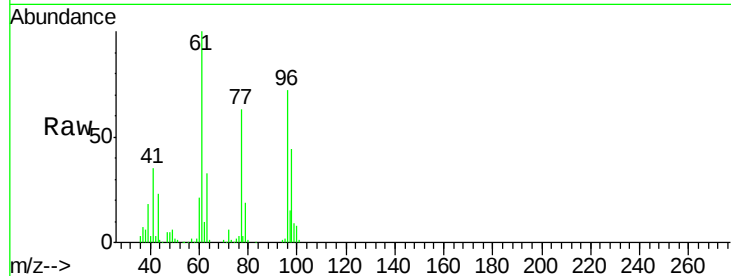
Tot Ion: 96 Resp: 143082

Ion Ratio Lower Upper

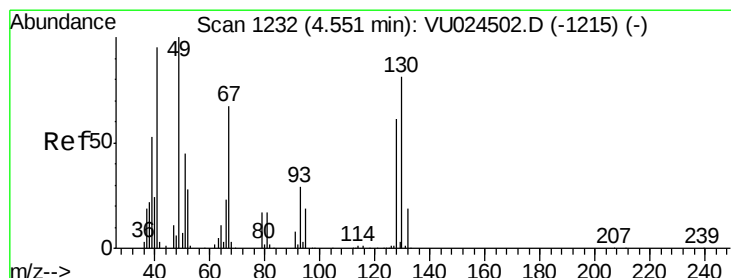
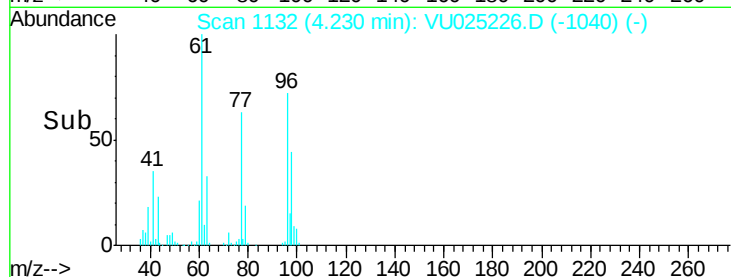
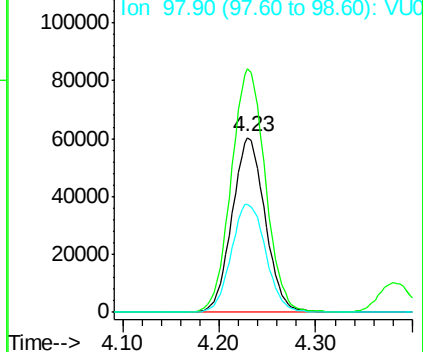
96 100

61 144.2 0.0 306.6

98 65.0 0.0 128.8



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



#28

Bromochloromethane

Concen: 42.77 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

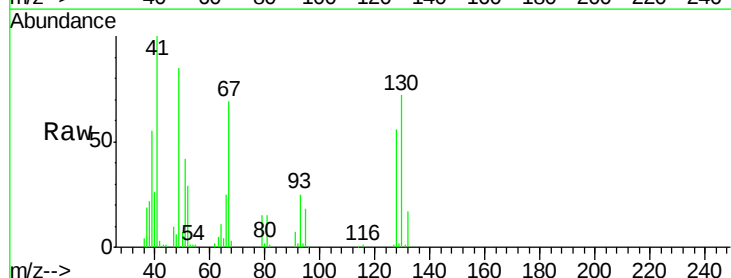
Tgt Ion: 49 Resp: 73304

Ion Ratio Lower Upper

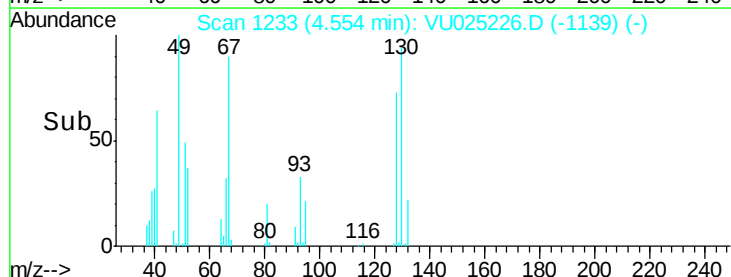
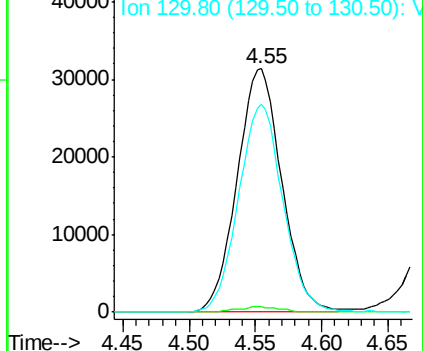
49 100

129 2.1 0.0 3.8

130 84.8 57.8 86.6



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

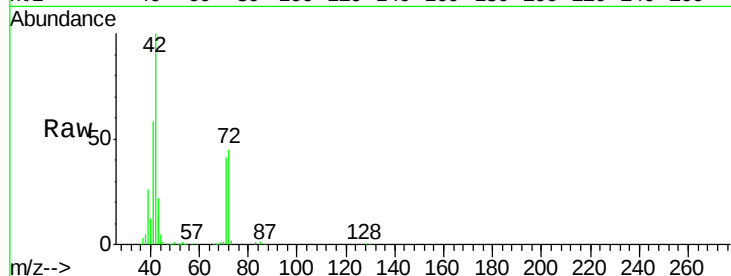




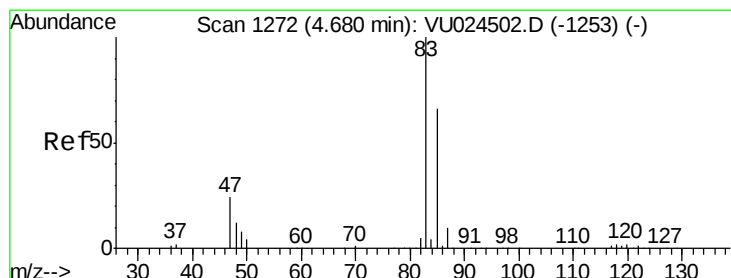
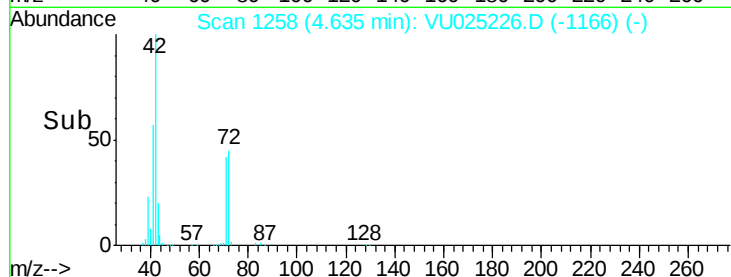
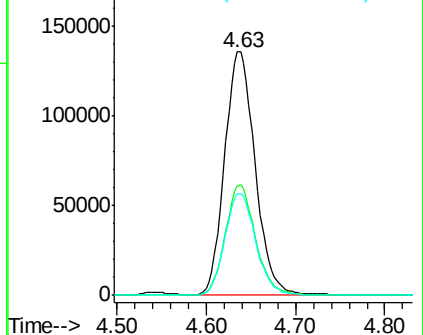
#29
Tetrahydrofuran
Concen: 272.24 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 42 Resp: 320614
Ion Ratio Lower Upper
42 100
72 45.1 34.5 51.7
71 42.5 32.2 48.4

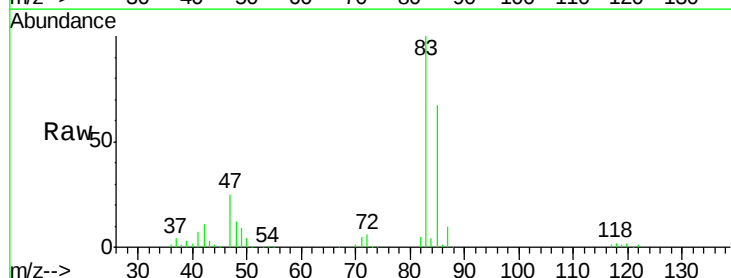


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

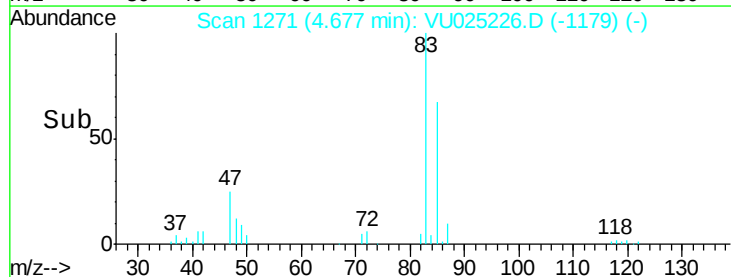
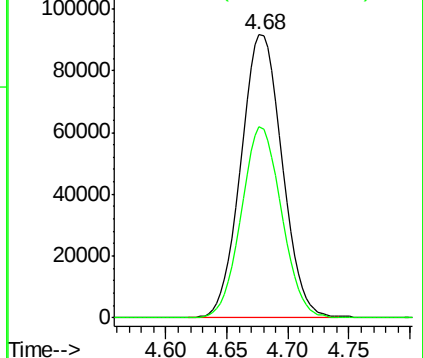


#30
Chloroform
Concen: 54.46 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion: 83 Resp: 214495
Ion Ratio Lower Upper
83 100
85 67.4 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

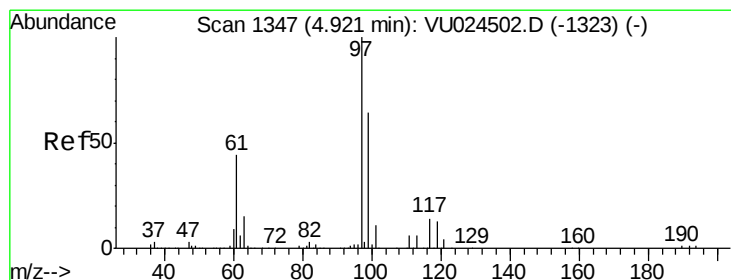
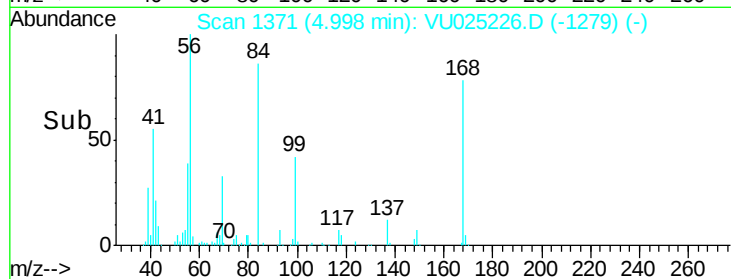
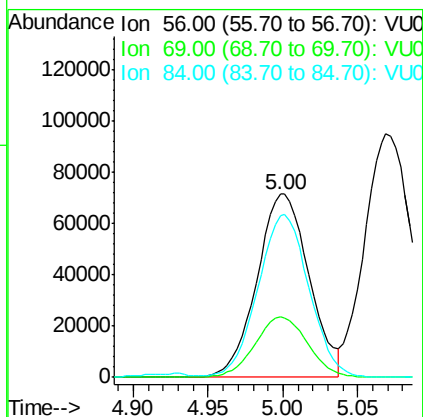
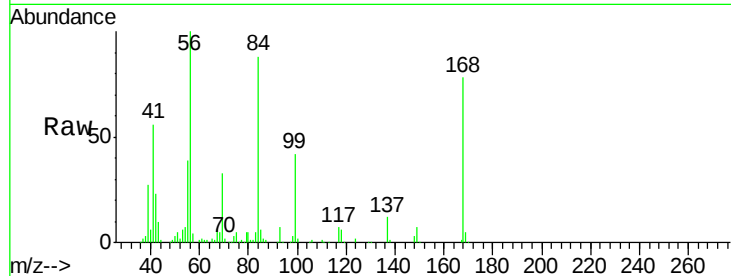




#31
Cyclohexane
Concen: 50.14 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

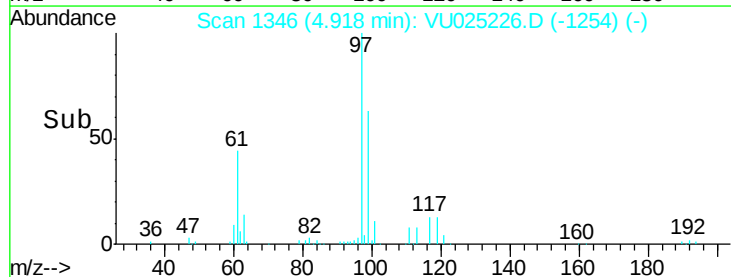
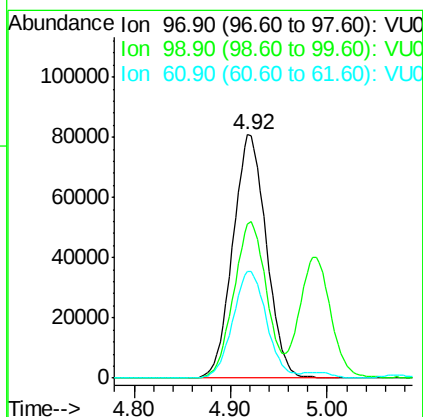
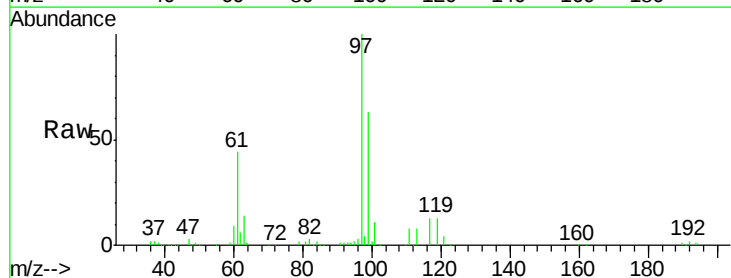
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 173262
Ion Ratio Lower Upper
56 100
69 32.9 24.8 37.2
84 86.7 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 53.37 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion: 97 Resp: 194396
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 44.0 39.4 59.0

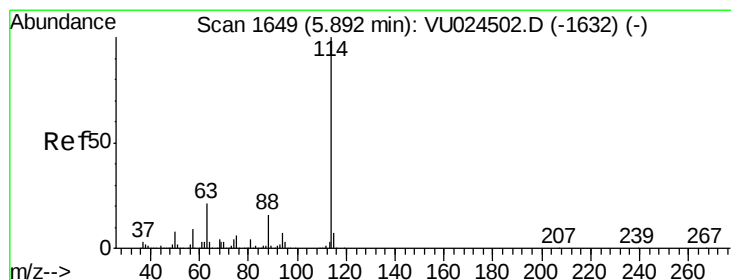
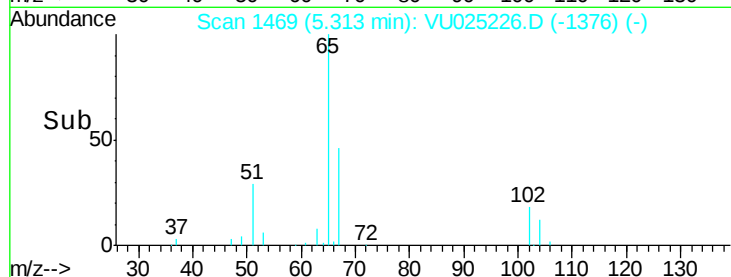
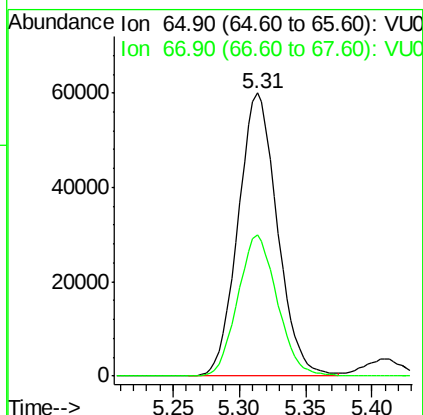
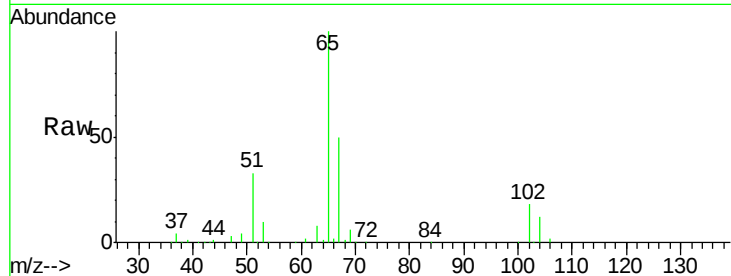




#33
 1,2-Dichloroethane-d4
 Concen: 46.93 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

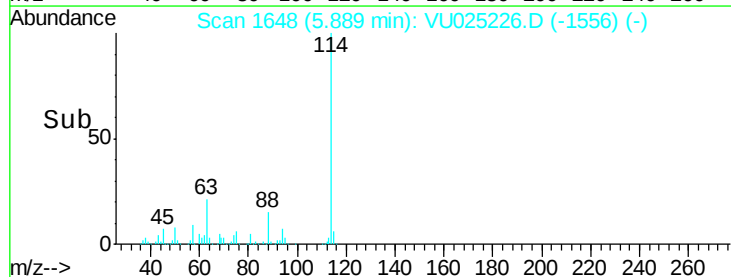
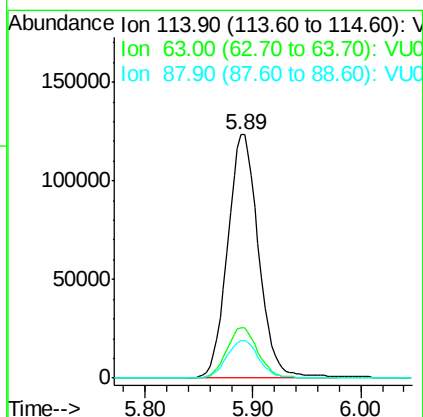
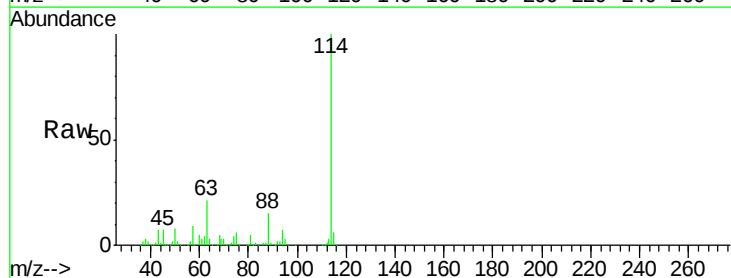
Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 65 Resp: 123665
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion: 114 Resp: 247404
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.4
 88 15.3 0.0 31.0

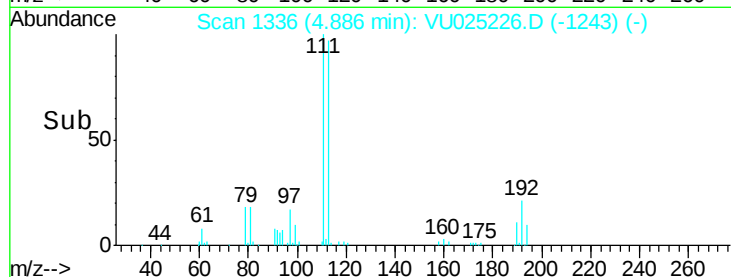
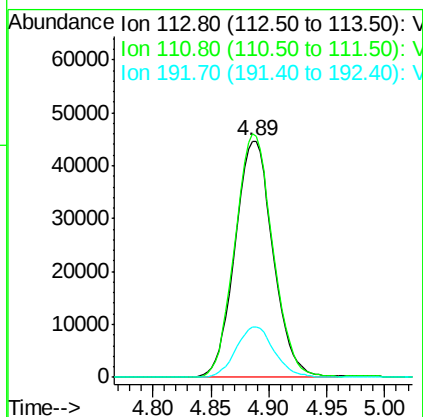
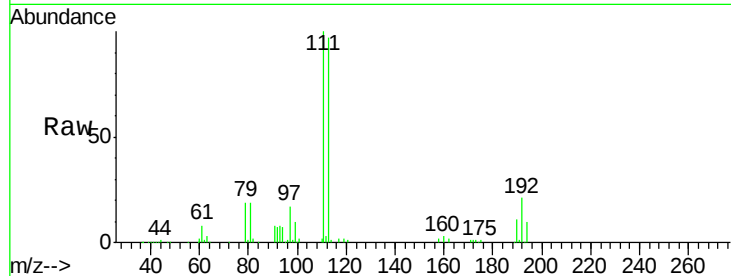




#35
Dibromofluoromethane
Concen: 49.58 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

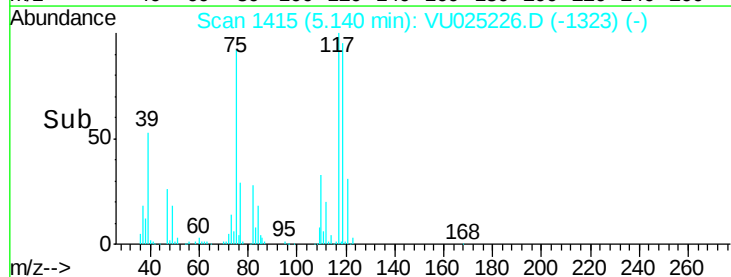
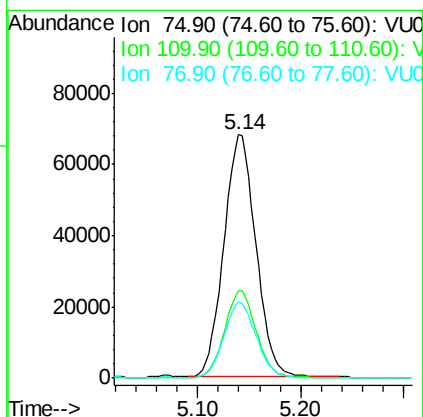
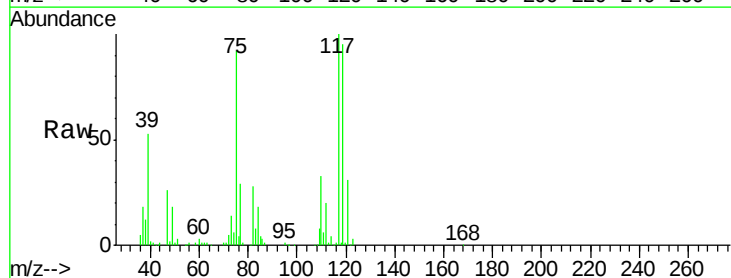
Instrument :
MSVOA_U
ClientSampled :

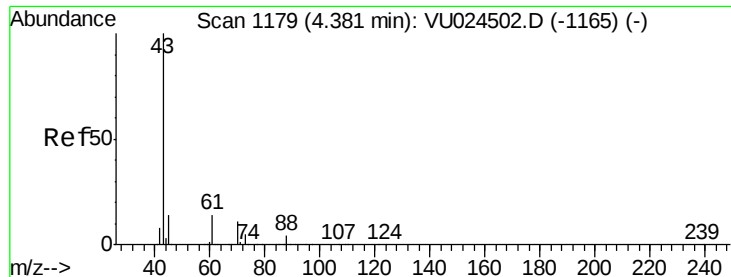
Tot Ion:113 Resp: 101799
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 21.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 50.79 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion: 75 Resp: 147643
Ion Ratio Lower Upper
75 100
110 35.9 17.0 50.9
77 31.3 24.2 36.4

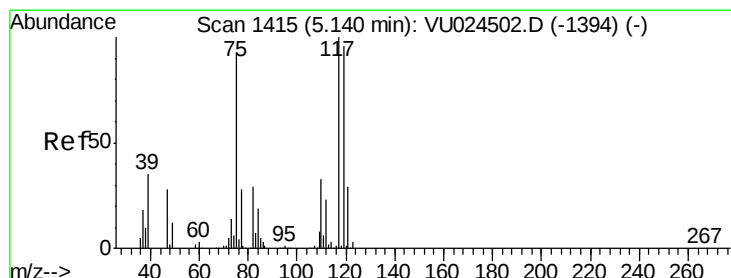
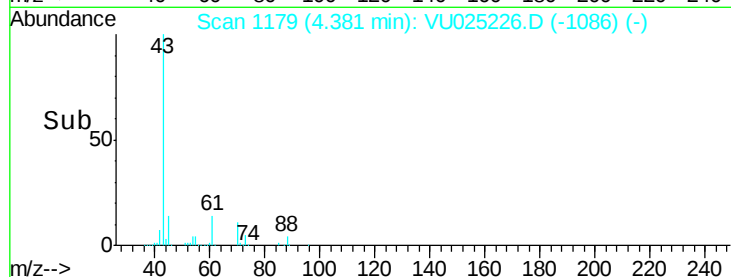
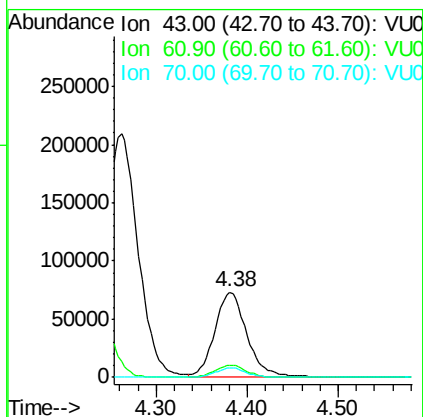
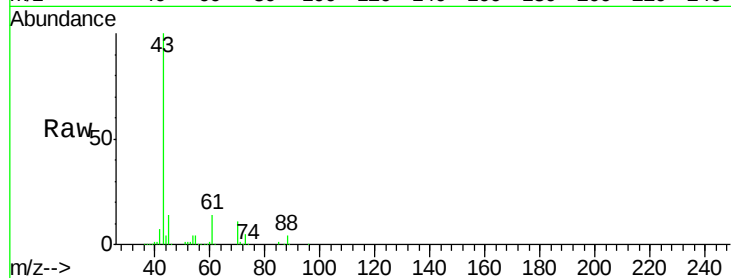




#37
Ethyl Acetate
Concen: 55.96 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

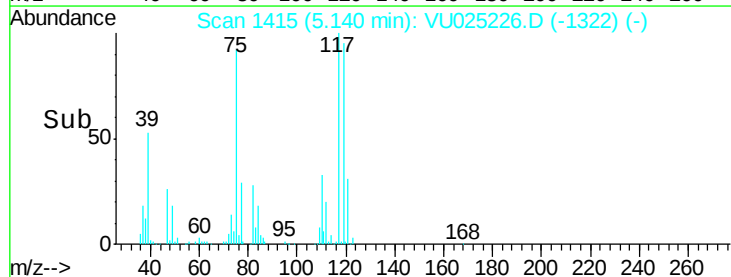
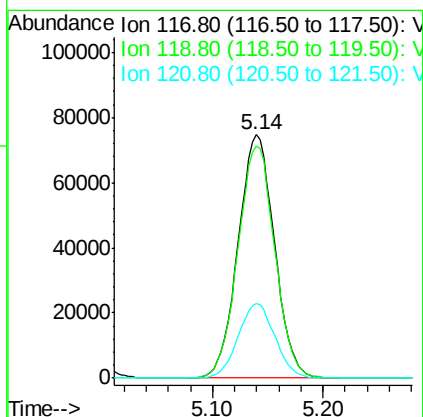
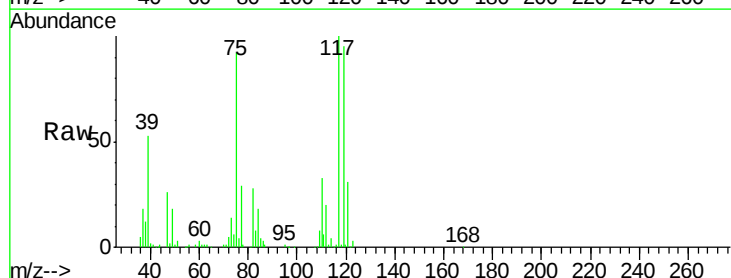
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 177316
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 10.8 7.4 11.2



#38
Carbon Tetrachloride
Concen: 53.31 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion: 117 Resp: 170417
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1
121 30.8 23.7 35.5

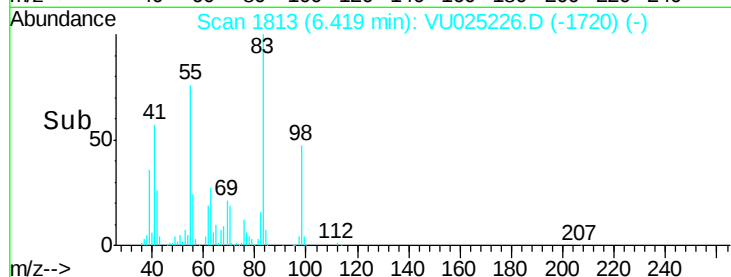
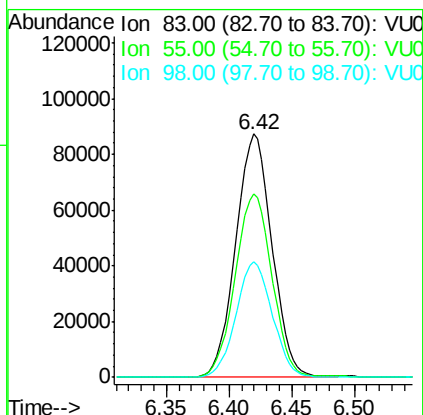
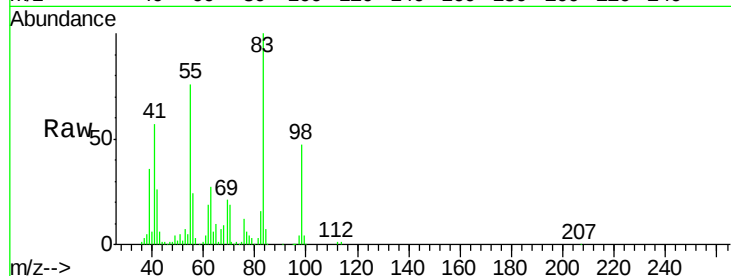




#39
Methvlcvclohexane
Concen: 48.60 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

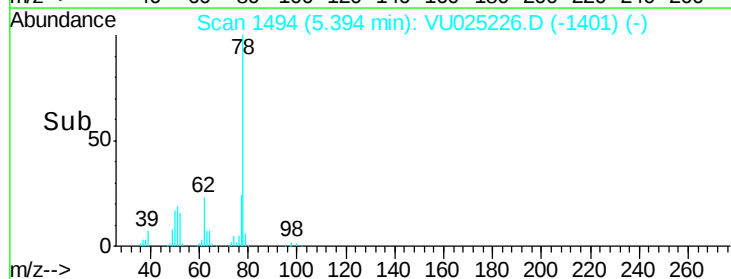
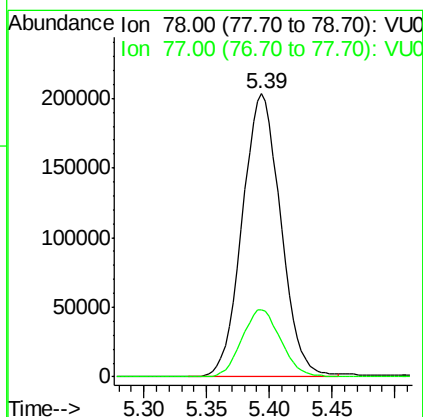
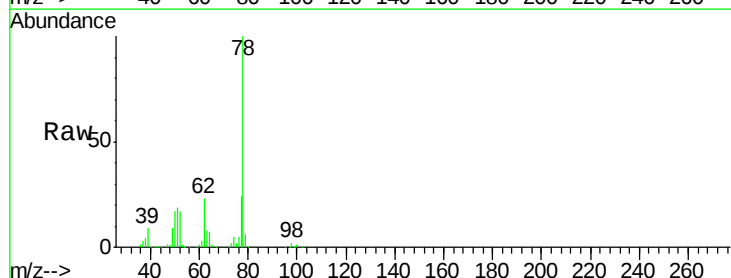
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 176332
Ion Ratio Lower Upper
83 100
55 75.5 65.8 98.6
98 47.3 36.7 55.1



#40
Benzene
Concen: 52.39 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion: 78 Resp: 433971
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

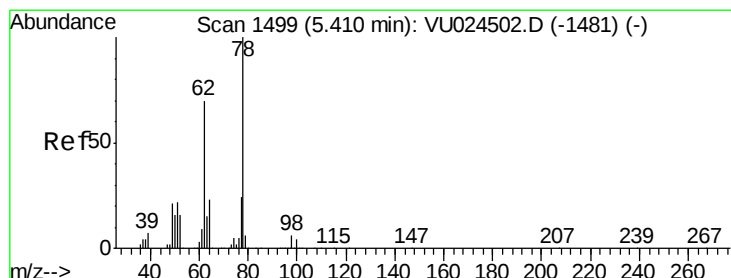
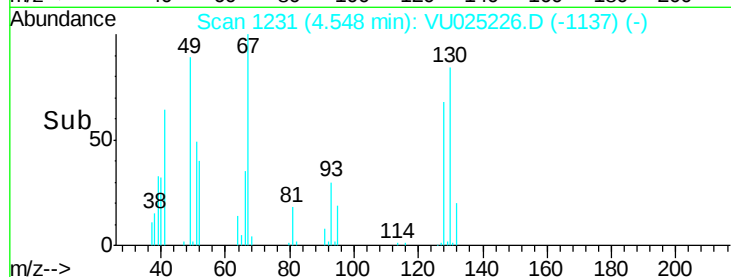
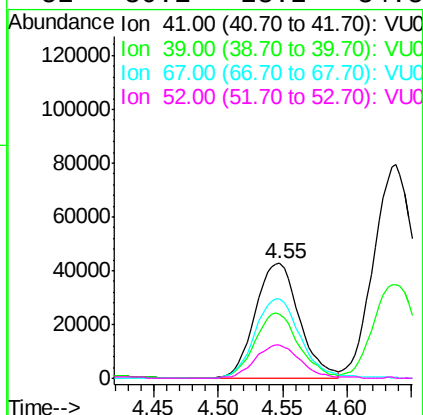
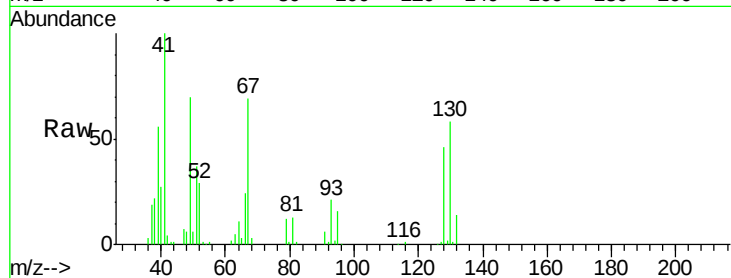




#41
Methacrylonitrile
Concen: 59.82 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

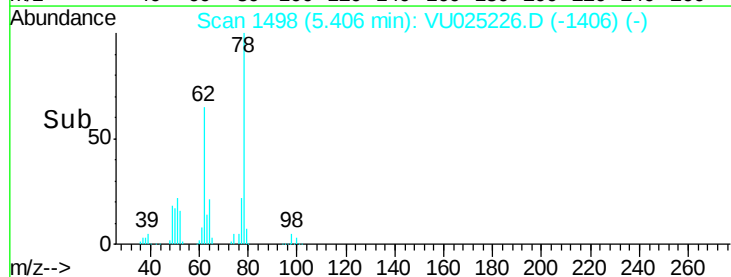
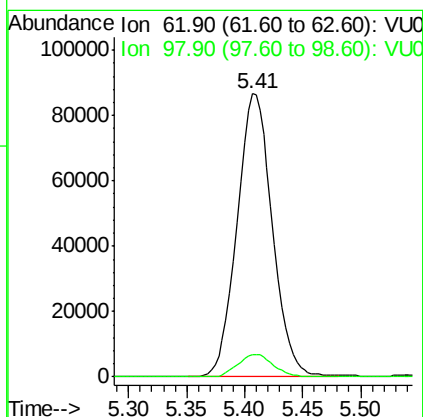
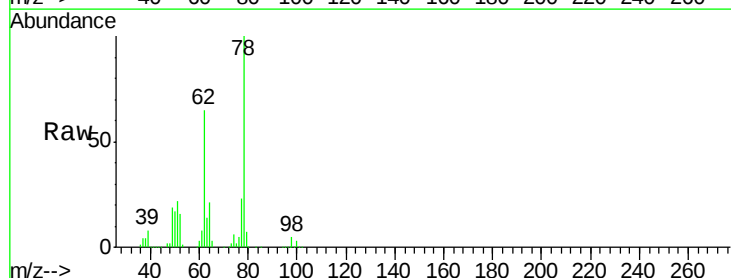
Instrument :
MSVOA_U
ClientSampleId :

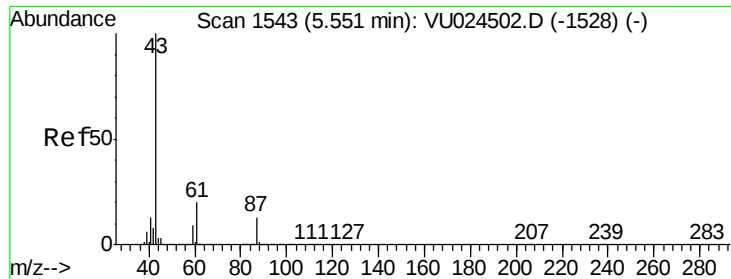
Tot Ion	Ratio	Lower	Upper
41	100		
39	56.3	43.8	65.6
67	70.8	56.3	84.5
52	30.1	23.2	34.8



#42
1,2-Dichloroethane
Concen: 57.98 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6

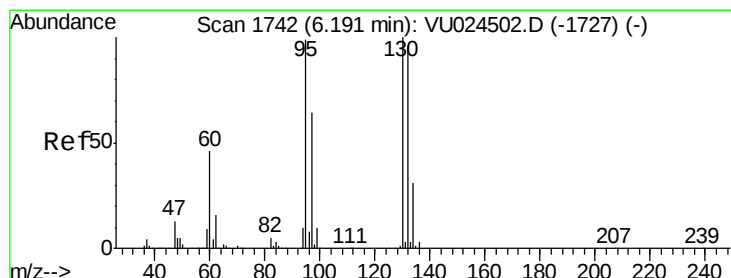
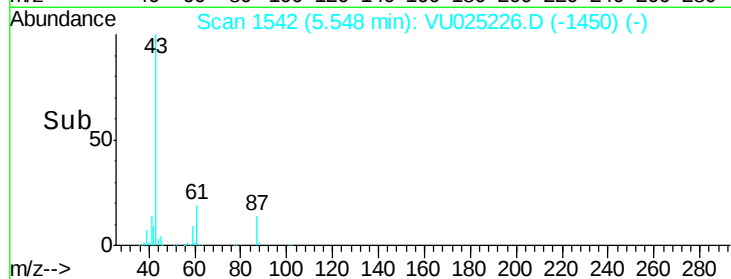
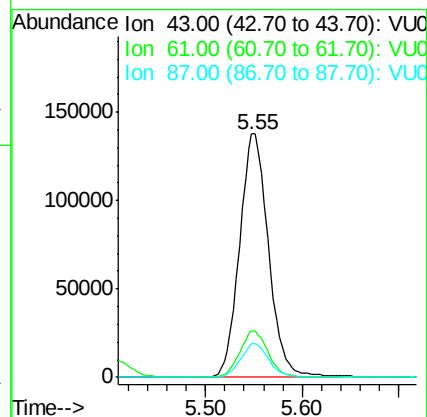
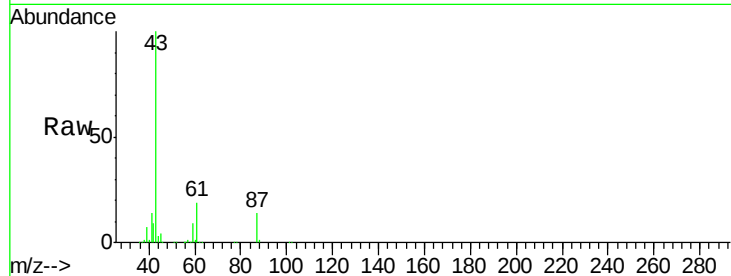




#43
Isopropyl Acetate
Concen: 51.92 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

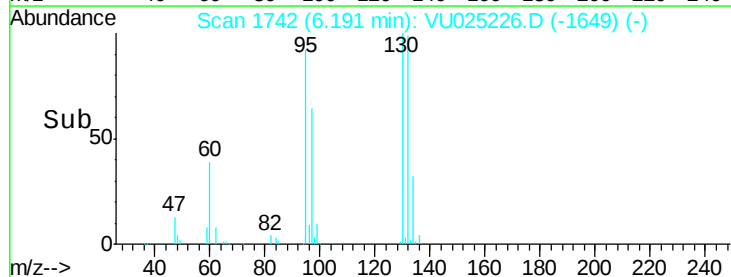
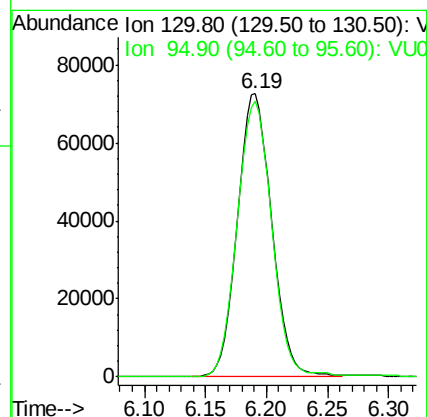
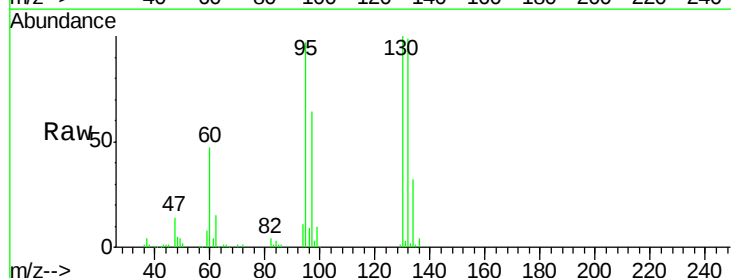
Instrument :
MSVOA_U
ClientSampled :

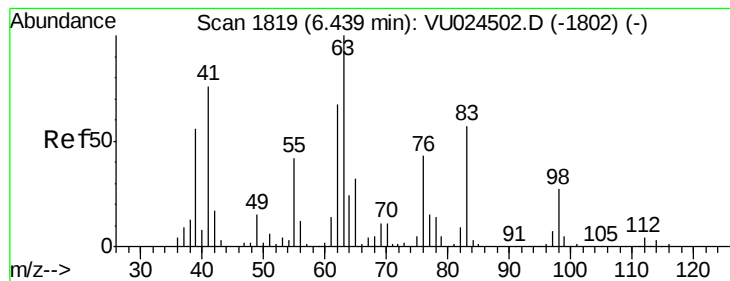
Tot Ion: 43 Resp: 284391
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 13.6 10.0 15.0



#44
Trichloroethene
Concen: 59.93 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion: 130 Resp: 141301
Ion Ratio Lower Upper
130 100
95 97.5 0.0 202.4





#45

1,2-Dichloropropane

Concen: 54.46 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

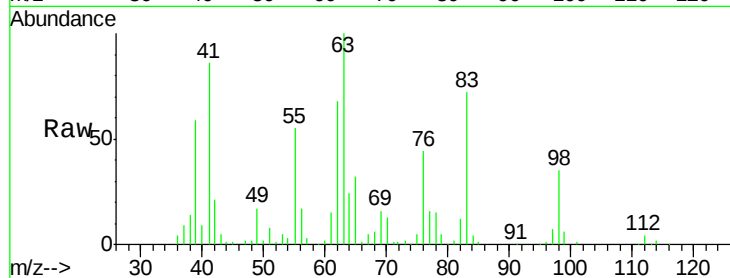
ClientSampled :

Tot Ion: 63 Resp: 120374

Ion Ratio Lower Upper

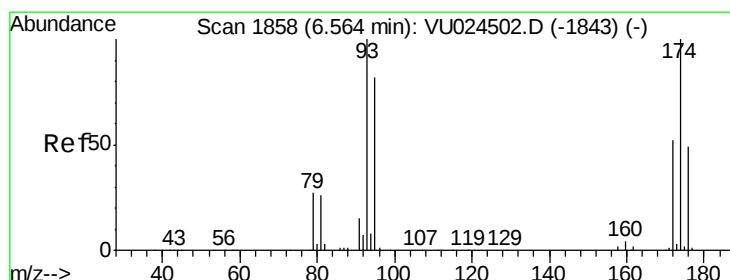
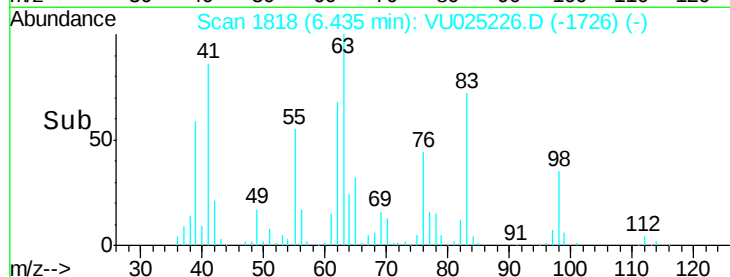
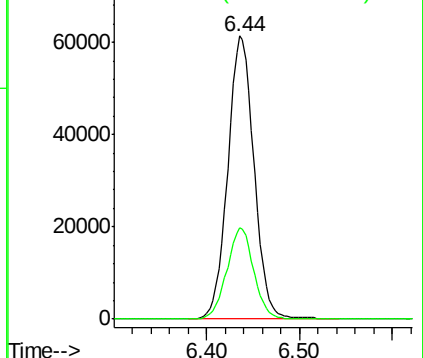
63 100

65 32.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 55.78 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

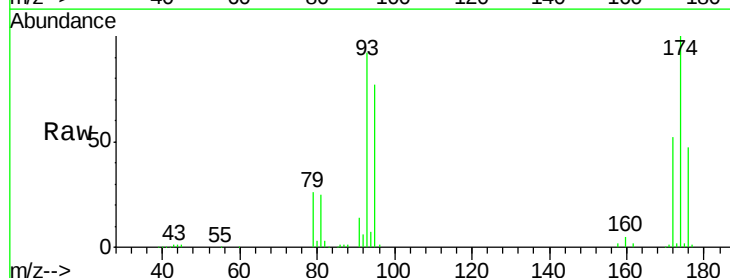
Tgt Ion: 93 Resp: 86606

Ion Ratio Lower Upper

93 100

95 84.0 65.5 98.3

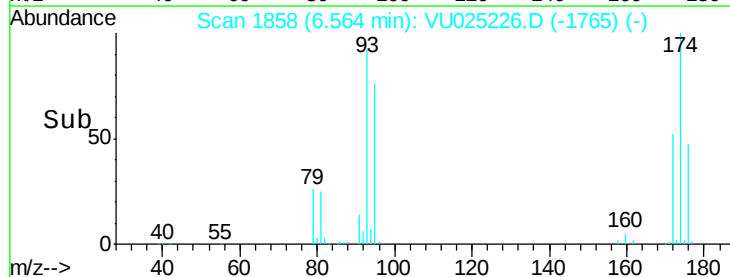
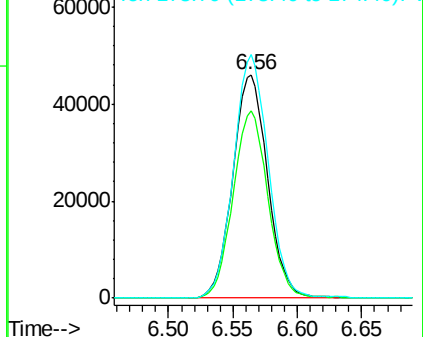
174 108.0 78.7 118.1



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.46 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampled :

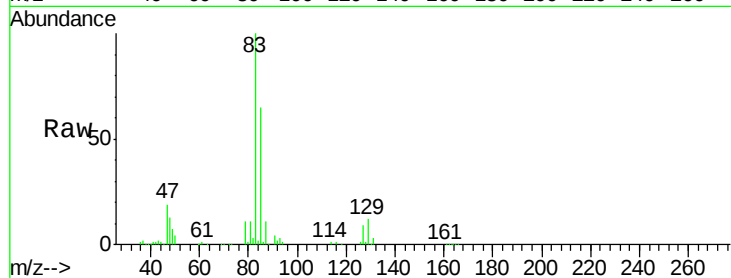
Tot Ion: 83 Resp: 165293

Ion Ratio Lower Upper

83 100

85 64.7 51.9 77.9

127 9.2 6.6 9.8



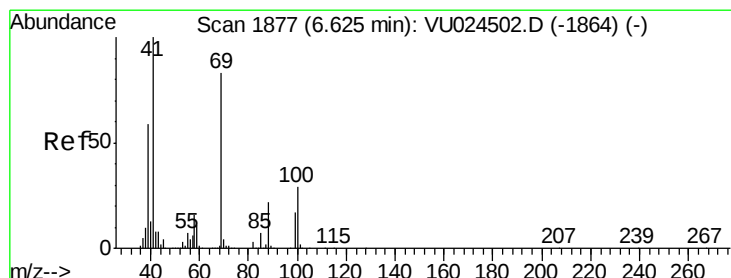
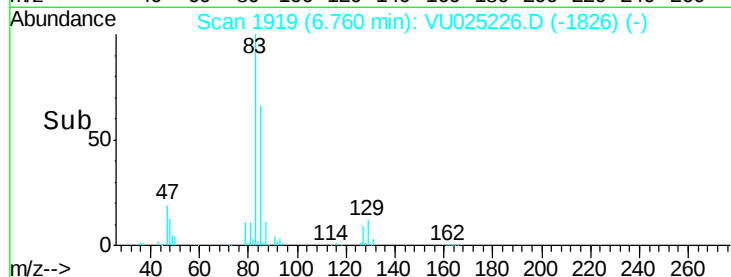
Abundance Ion 82.90 (82.60 to 83.60): VU025226.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025226.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025226.D (-1826) (-)

6.76

Time-->



#48

Methyl methacrylate

Concen: 57.15 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

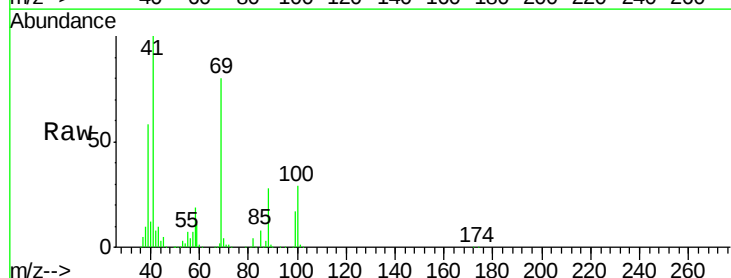
Tgt Ion: 41 Resp: 152413

Ion Ratio Lower Upper

41 100

69 80.5 67.3 100.9

39 58.8 46.5 69.7



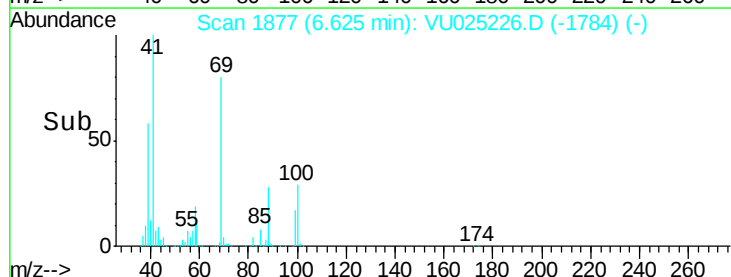
Abundance Ion 41.00 (40.70 to 41.70): VU025226.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU025226.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU025226.D (-1784) (-)

6.63

Time-->

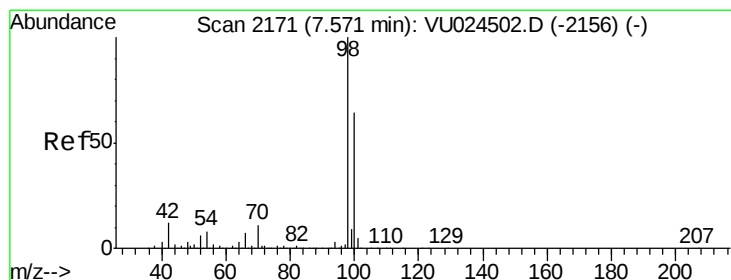
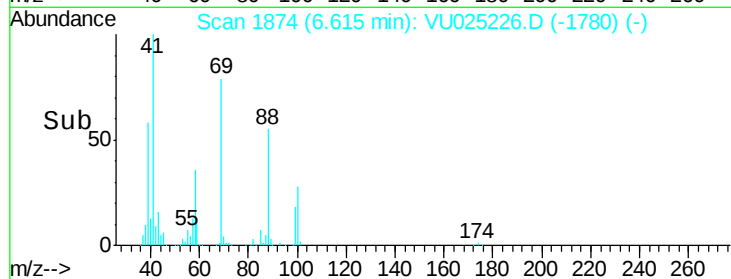
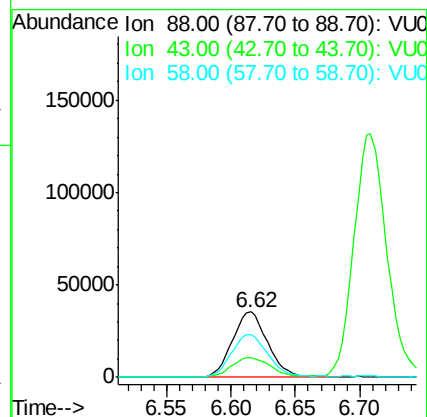
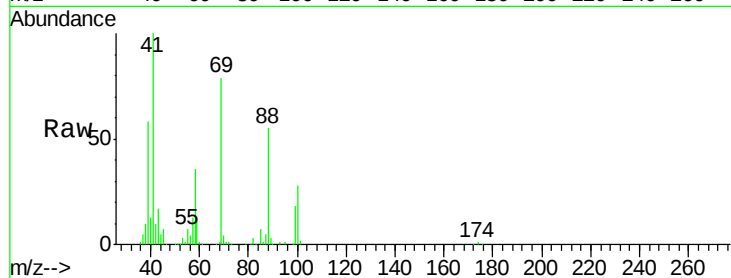




#49
1,4-Dioxane
Concen: 1282.97 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

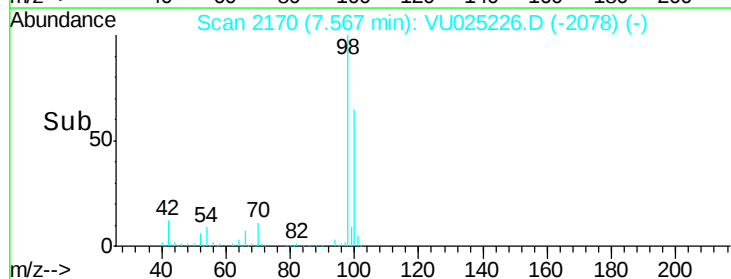
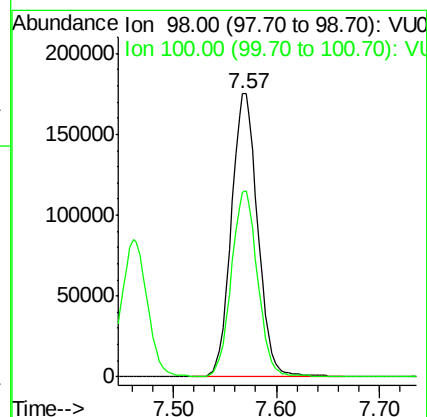
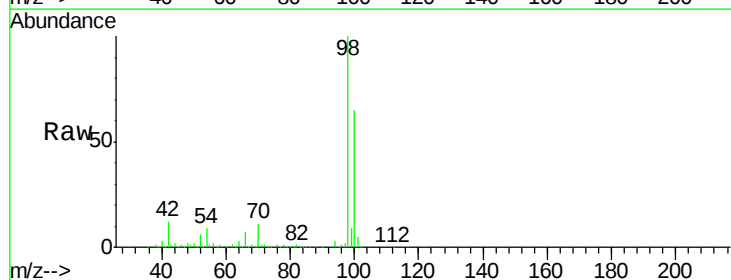
Instrument :
MSVOA_U
ClientSampleId :

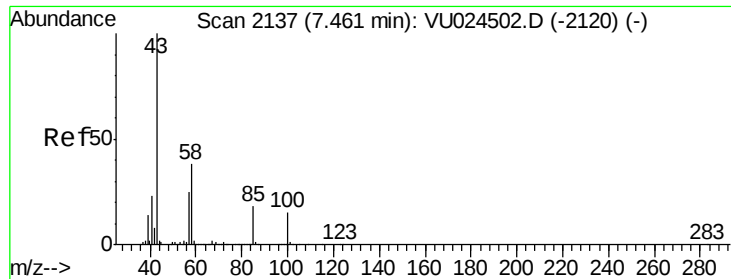
Tot Ion: 88 Resp: 66916
Ion Ratio Lower Upper
88 100
43 32.1 28.6 42.8
58 68.5 58.2 87.4



#50
Toluene-d8
Concen: 41.81 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion: 98 Resp: 313169
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 281.76 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

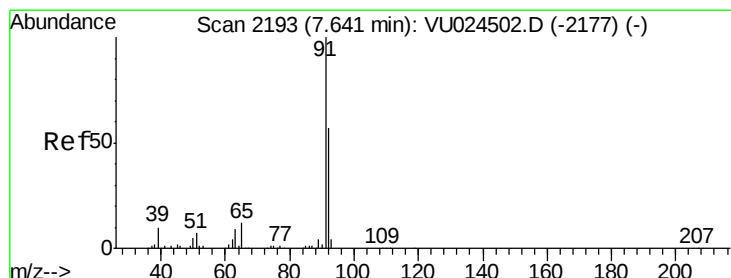
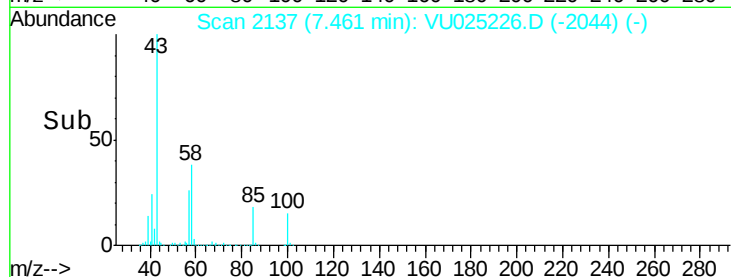
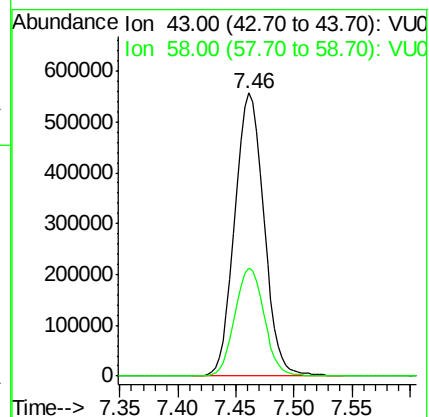
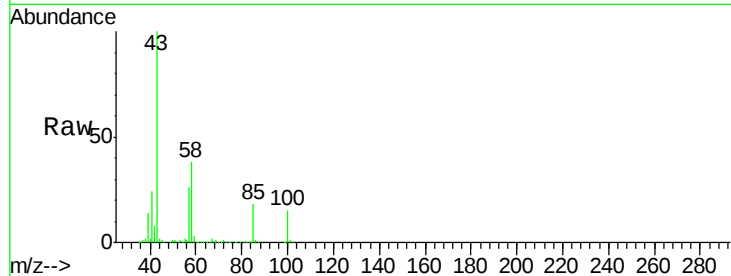
ClientSampled :

Tot Ion: 43 Resp: 969520

Ion Ratio Lower Upper

43 100

58 38.5 30.0 45.0



#52

Toluene

Concen: 53.30 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025226.D

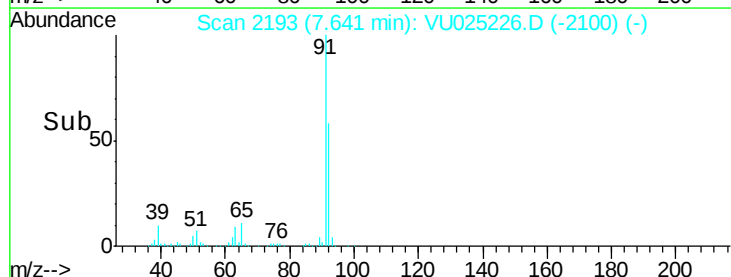
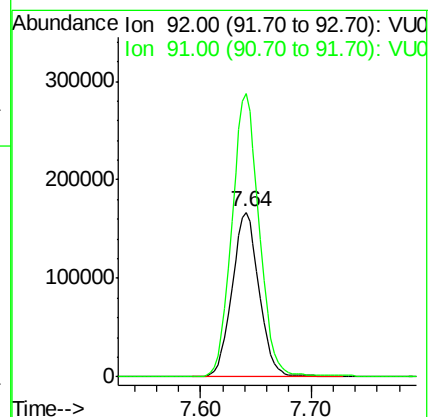
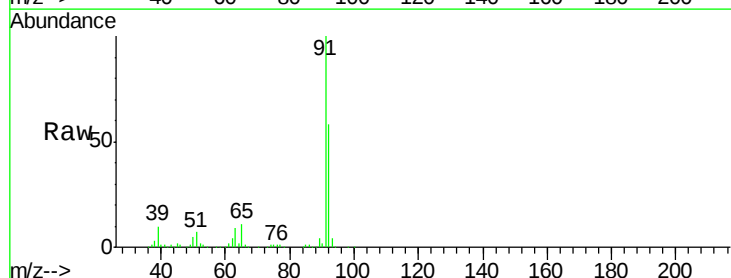
Acq: 05 Jul 2018 19:29

Tgt Ion: 92 Resp: 284039

Ion Ratio Lower Upper

92 100

91 174.8 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 49.70 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

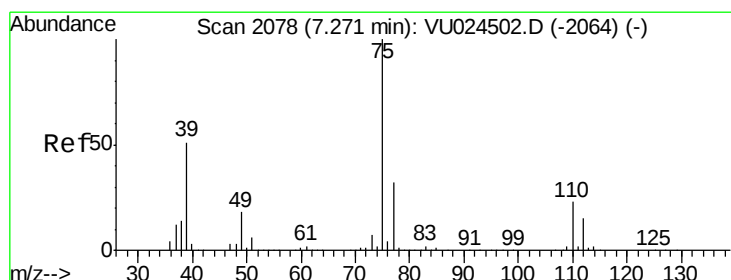
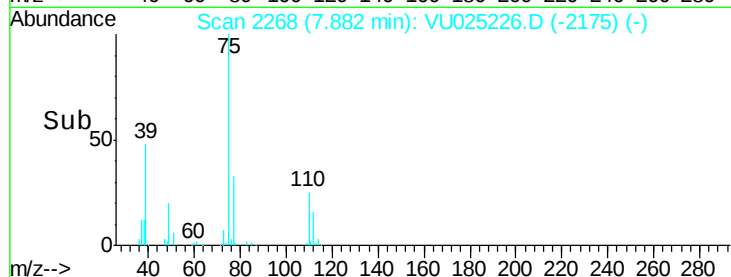
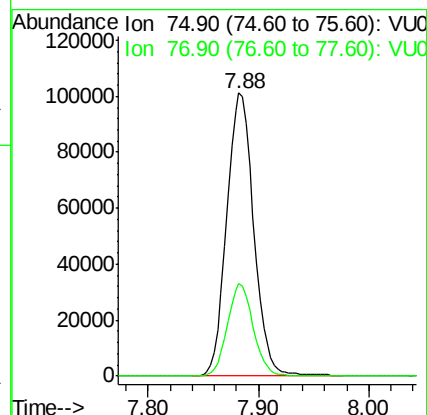
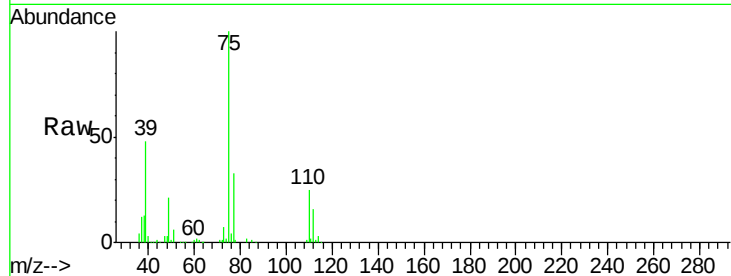
ClientSampleId :

Tot Ion: 75 Resp: 172570

Ion Ratio Lower Upper

75 100

77 32.9 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 49.05 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

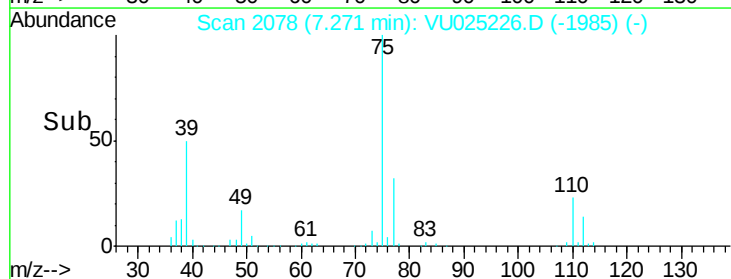
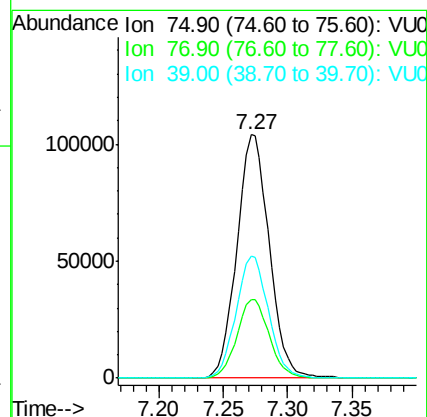
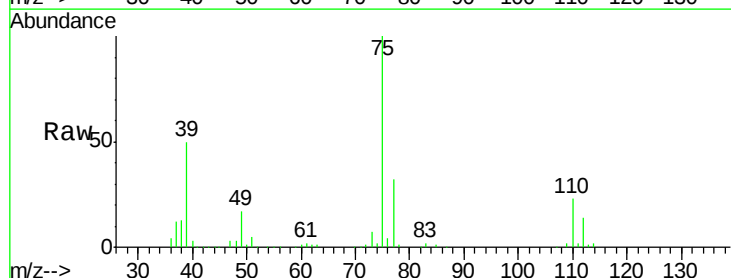
Tgt Ion: 75 Resp: 181449

Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

39 50.2 39.8 59.6

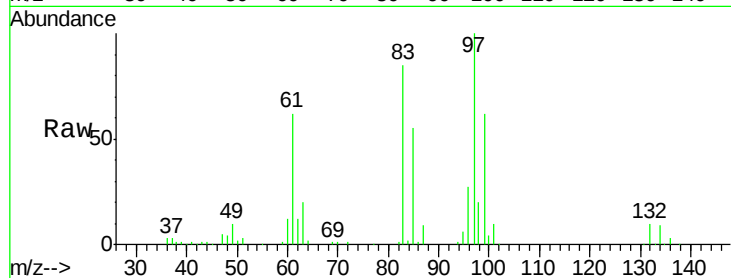




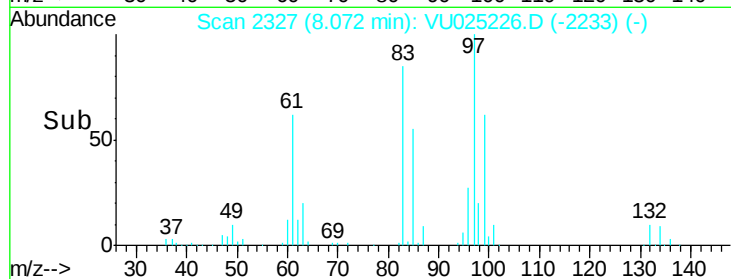
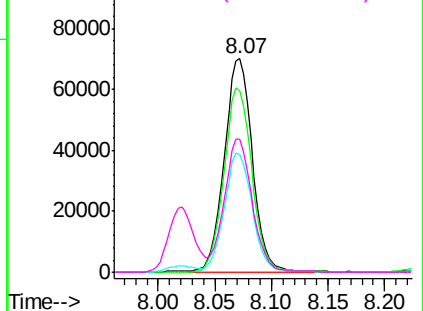
#55
 1,1,2-Trichloroethane
 Concen: 55.44 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	97	Resp:	120116
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.5	105.7
85	55.3	46.4	69.6
99	62.2	50.2	75.2

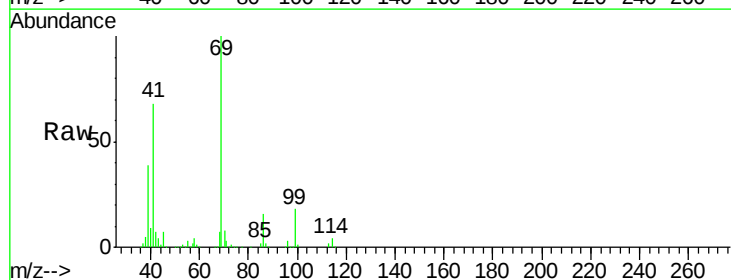


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

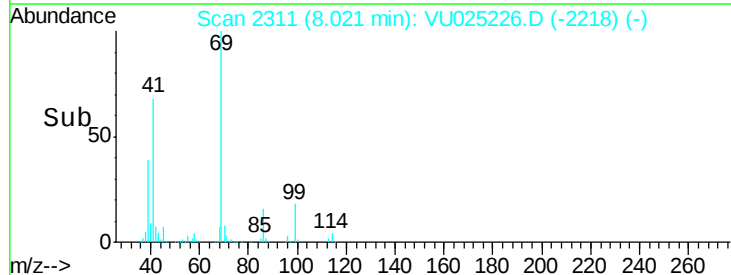
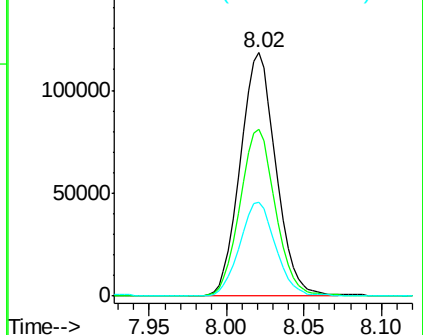


#56
 Ethyl methacrylate
 Concen: 52.34 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion:	69	Resp:	189797
Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.1	81.1
39	38.5	30.3	45.5



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

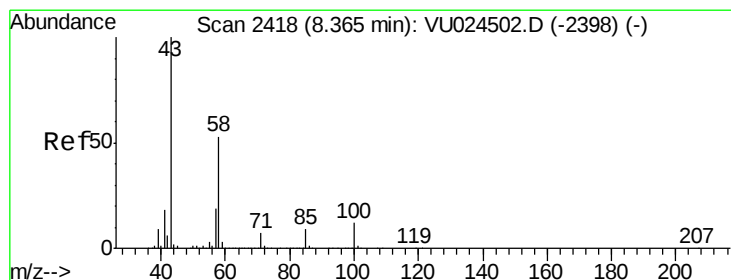
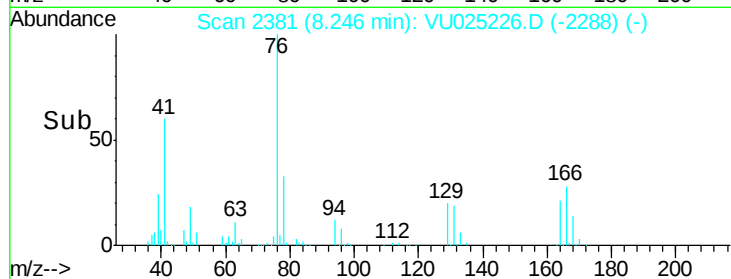
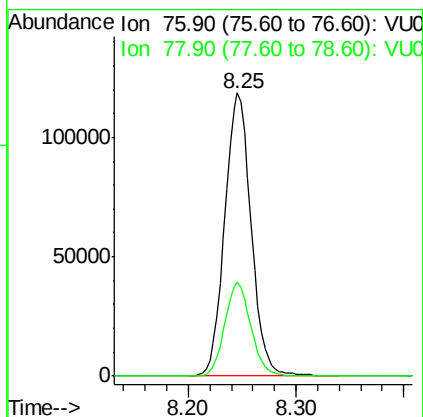
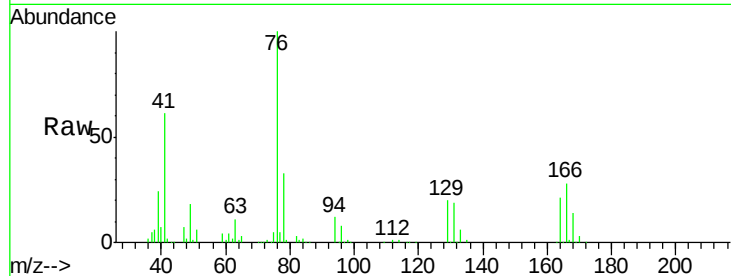




#57
 1,3-Dichloropropane
 Concen: 55.33 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

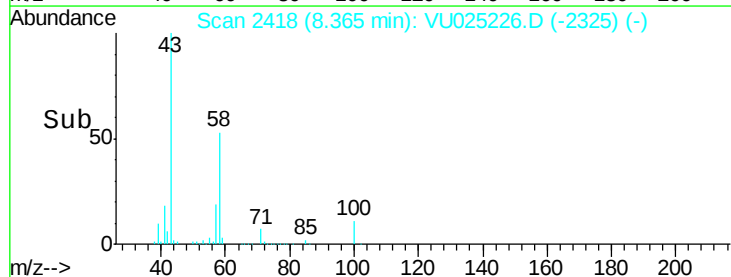
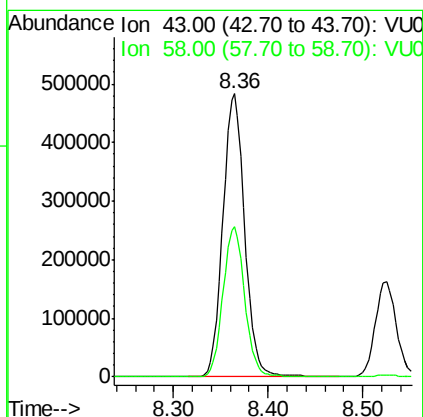
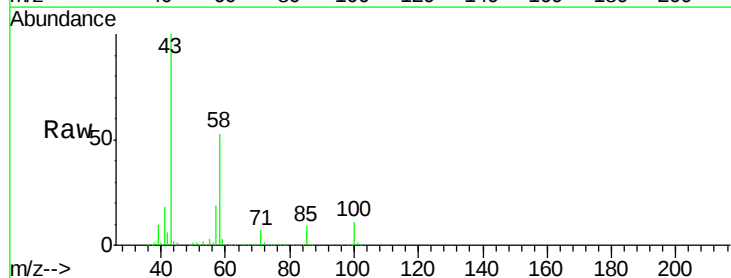
Instrument :
 MSVOA_U
 ClientSampled :

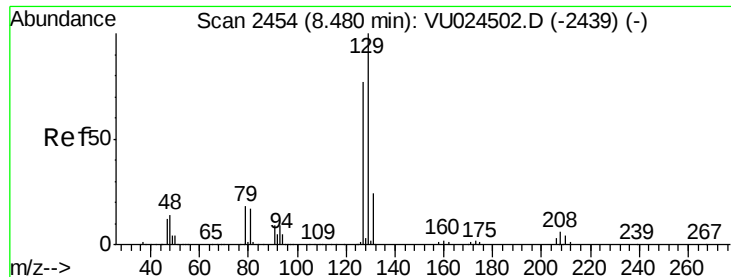
Tot Ion: 76 Resp: 202195
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.2 37.8



#59
 2-Hexanone
 Concen: 275.51 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion: 43 Resp: 773990
 Ion Ratio Lower Upper
 43 100
 58 53.1 26.4 79.0





#60

Dibromochloromethane

Concen: 50.69 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

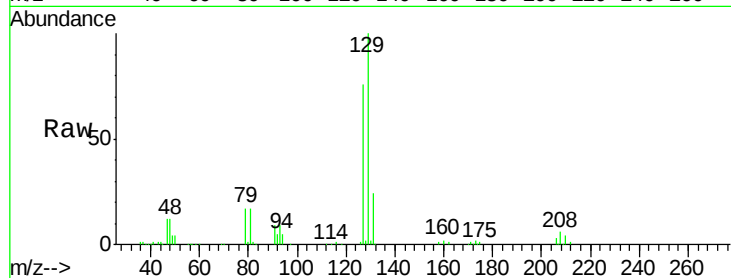
ClientSampleId :

Tot Ion:129 Resp: 136951

Ion Ratio Lower Upper

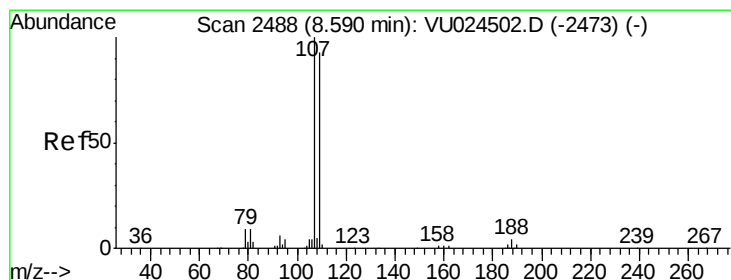
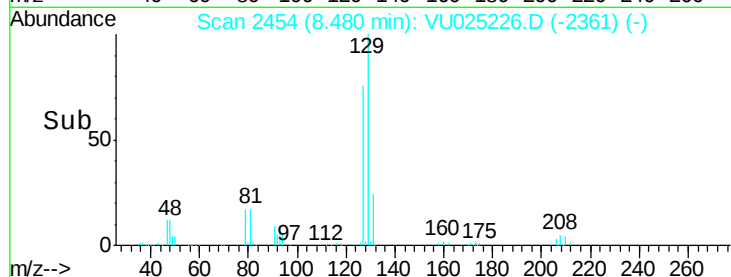
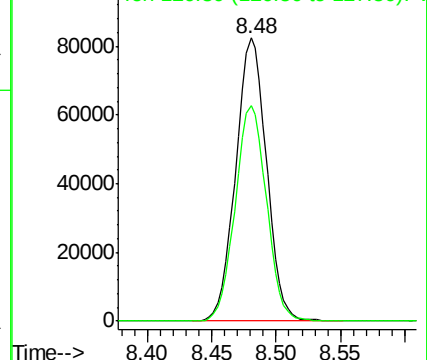
129 100

127 77.4 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.86 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025226.D

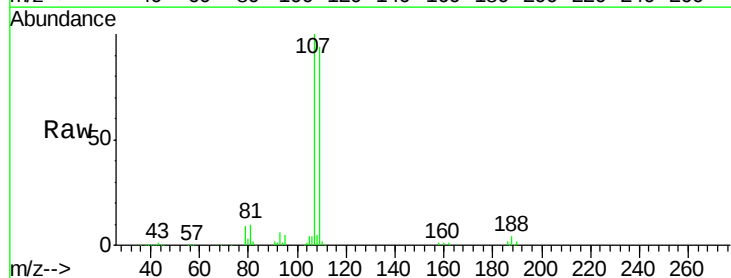
Acq: 05 Jul 2018 19:29

Tgt Ion:107 Resp: 132283

Ion Ratio Lower Upper

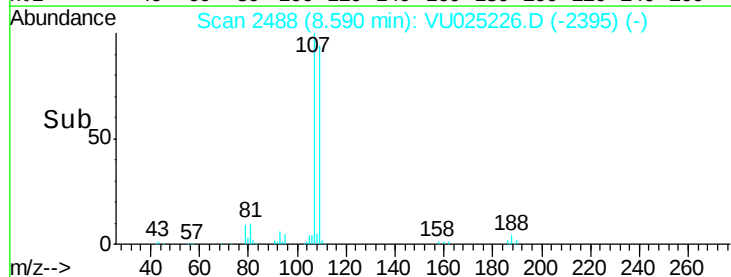
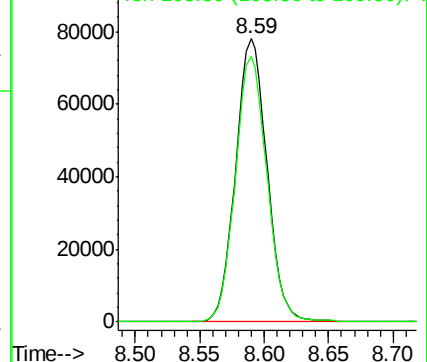
107 100

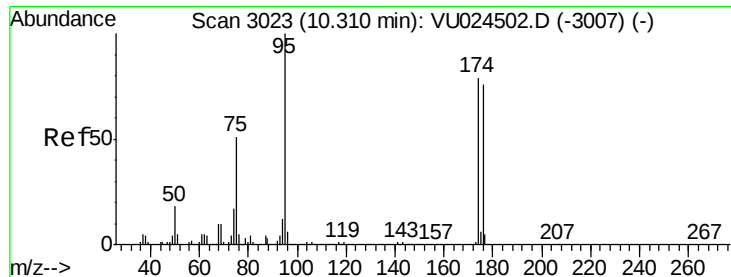
109 94.6 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 47.21 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

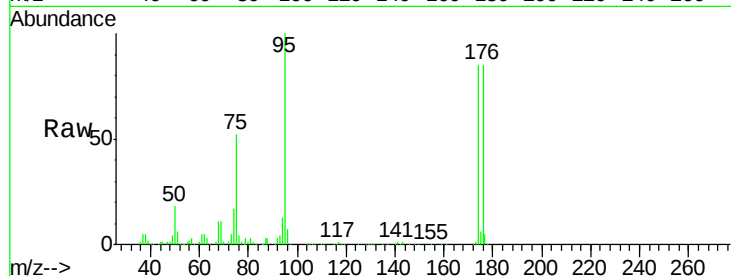
Tot Ion: 95 Resp: 140381

Ion Ratio Lower Upper

95 100

174 85.5 0.0 165.8

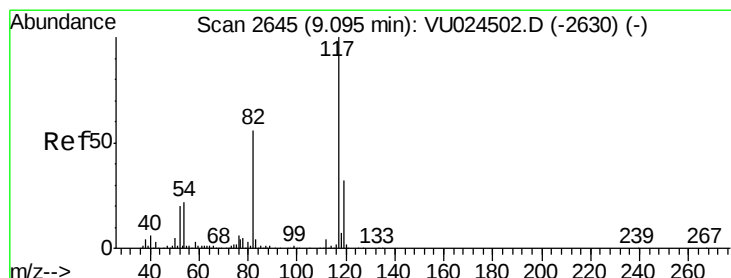
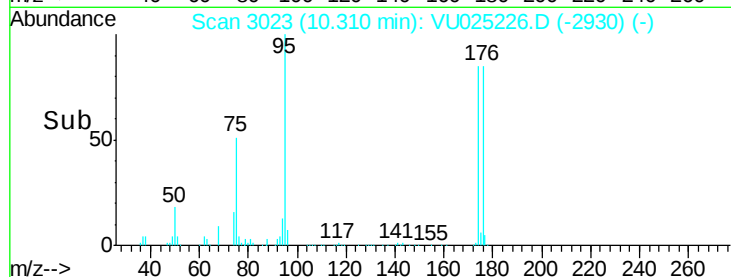
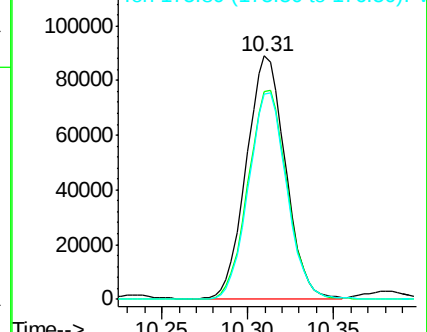
176 83.3 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

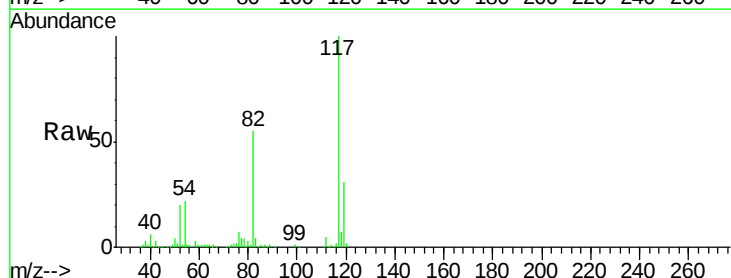
Tgt Ion: 117 Resp: 237281

Ion Ratio Lower Upper

117 100

82 55.0 44.3 66.5

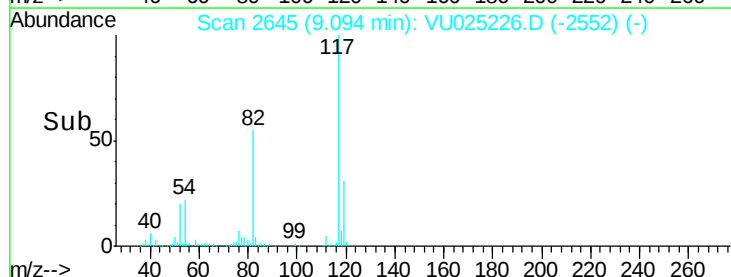
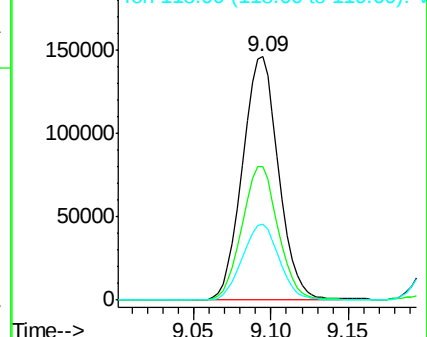
119 31.3 25.4 38.2

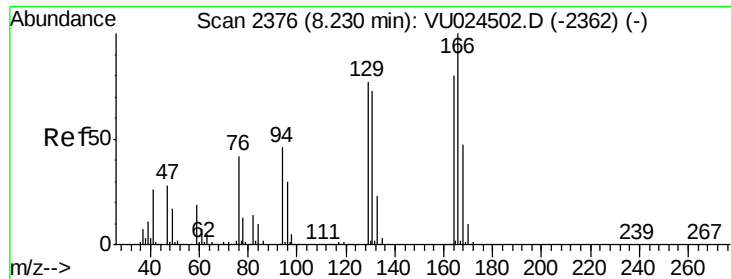


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)





#64

Tetrachloroethene

Concen: 45.58 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 102802

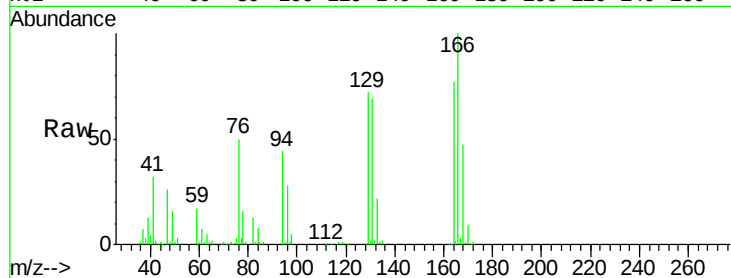
Ion Ratio Lower Upper

164 100

166 129.6 101.7 152.5

129 93.3 76.9 115.3

131 89.3 74.9 112.3

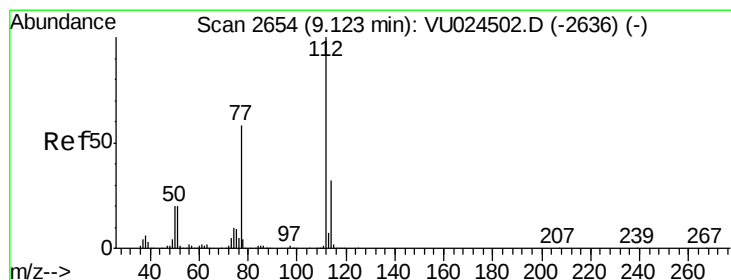
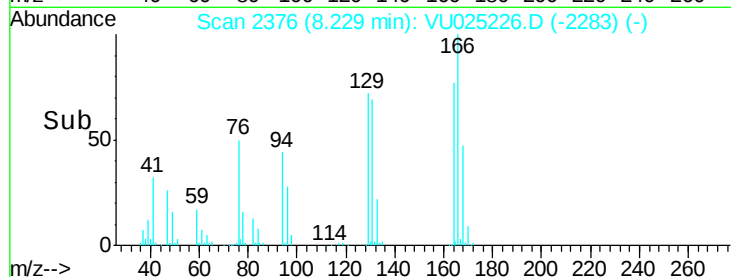
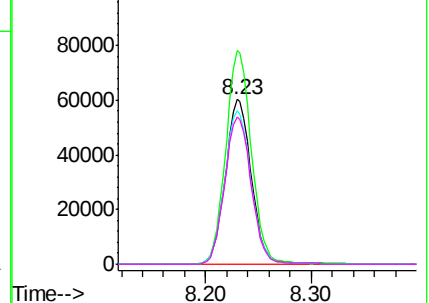


Abundance Ion 163.80 (163.50 to 164.50): V

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: 57.38 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025226.D

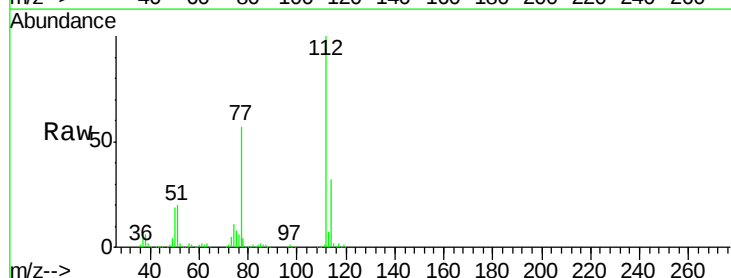
Acq: 05 Jul 2018 19:29

Tgt Ion:112 Resp: 347842

Ion Ratio Lower Upper

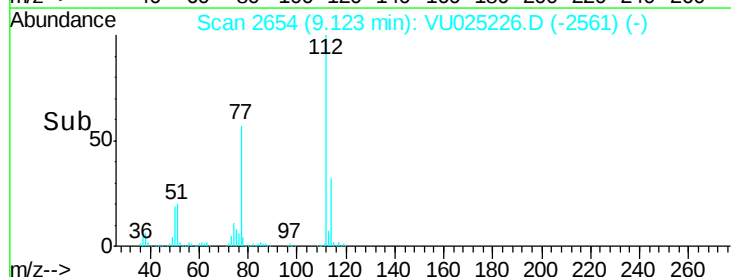
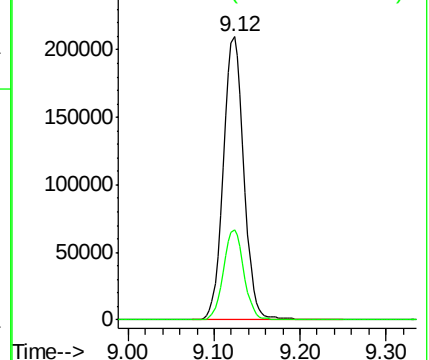
112 100

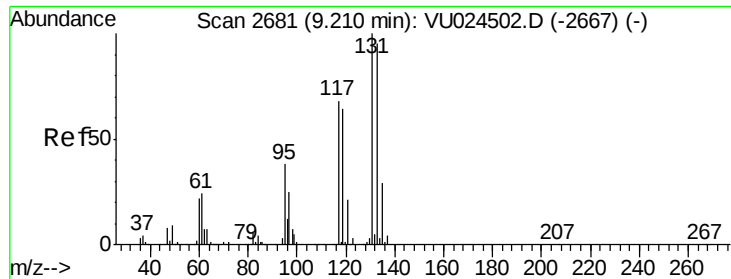
114 32.0 25.6 38.4



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: 54.01 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

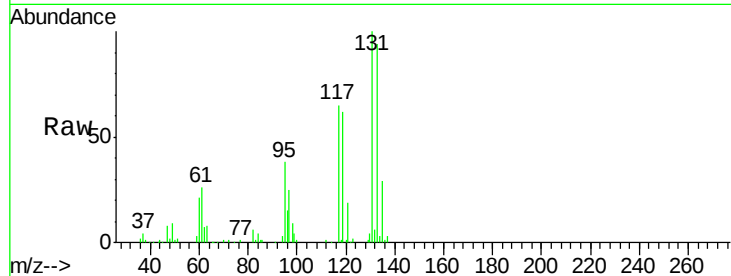
Tot Ion:131 Resp: 124387

Ion Ratio Lower Upper

131 100

133 95.3 46.9 140.8

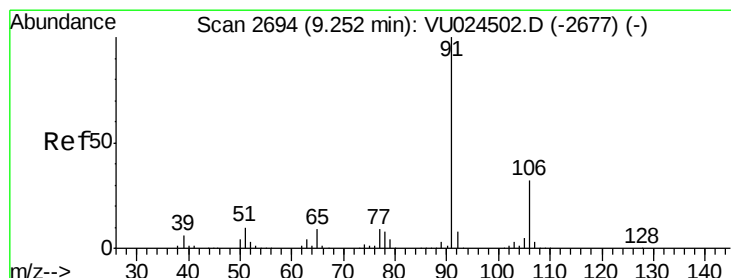
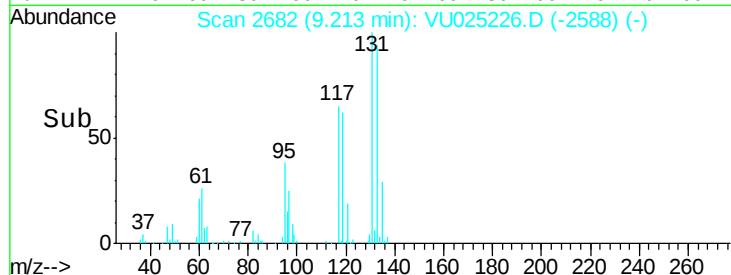
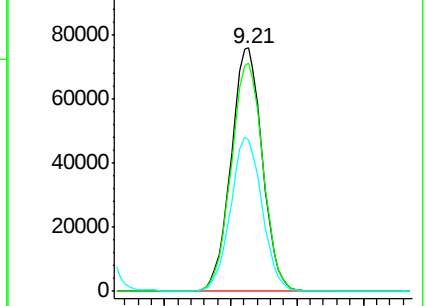
119 63.7 33.5 100.4



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: 52.50 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU025226.D

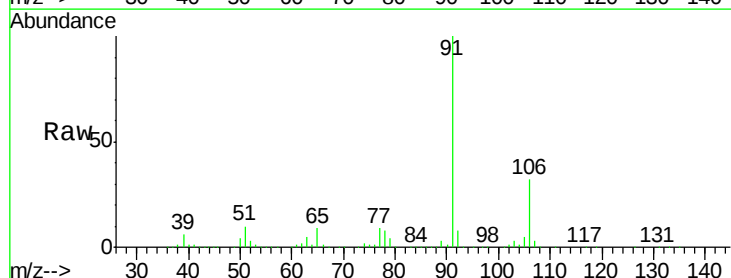
Acq: 05 Jul 2018 19:29

Tgt Ion: 91 Resp: 557936

Ion Ratio Lower Upper

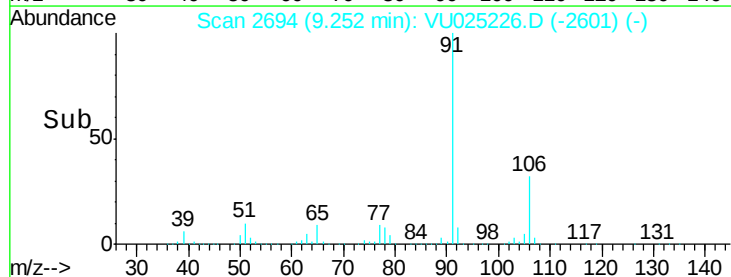
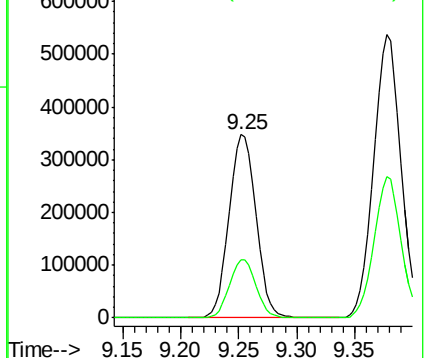
91 100

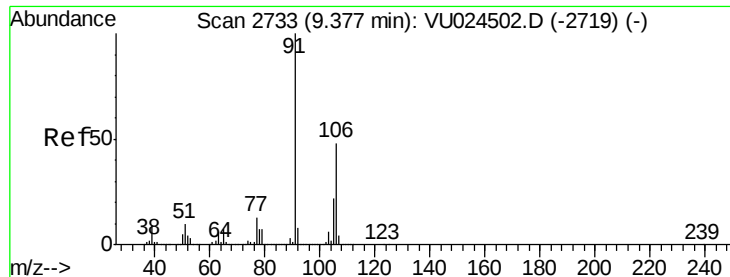
106 31.8 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

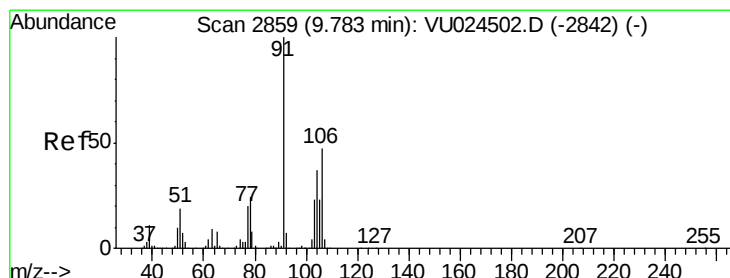
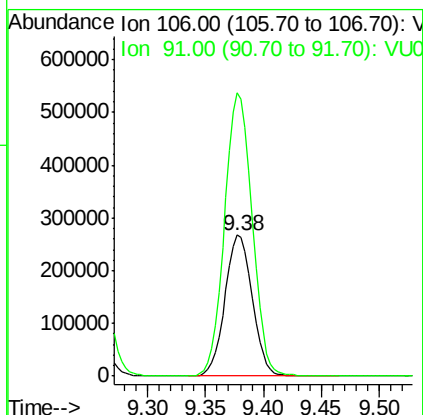
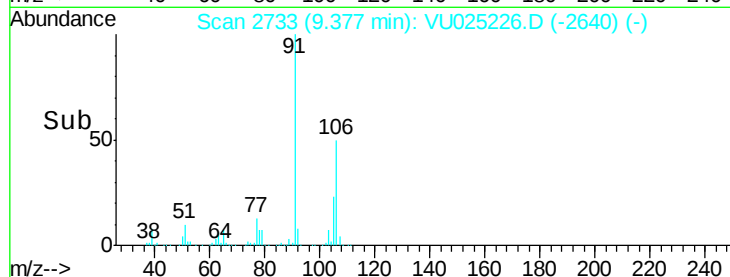
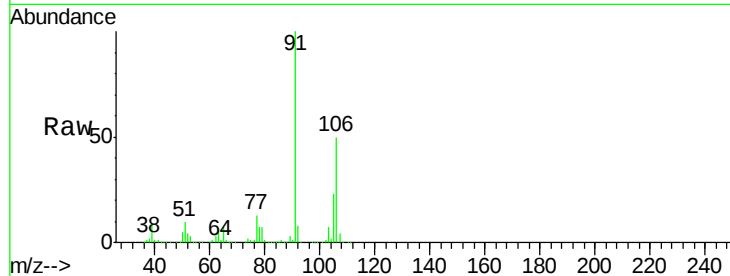




#68
m/p-Xylenes
Concen: 107.21 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

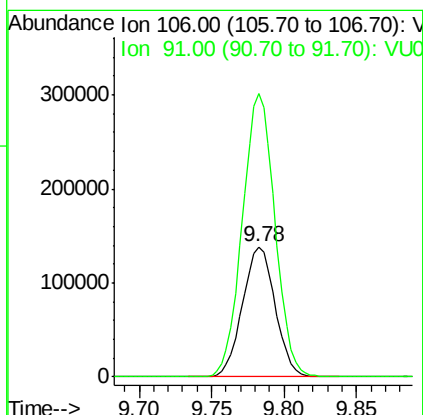
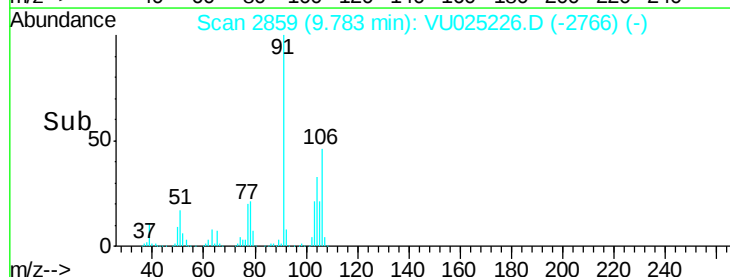
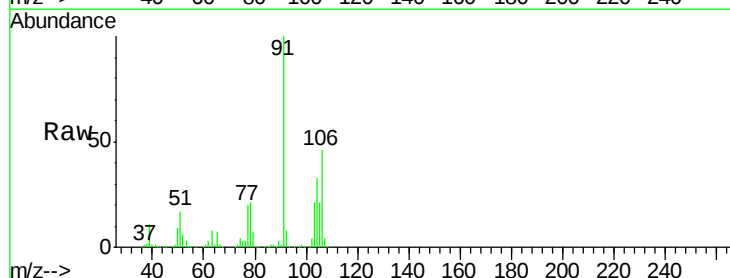
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 437482
Ion Ratio Lower Upper
106 100
91 203.0 166.5 249.7



#69
o-Xylene
Concen: 53.79 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion:106 Resp: 217238
Ion Ratio Lower Upper
106 100
91 217.3 110.7 331.9

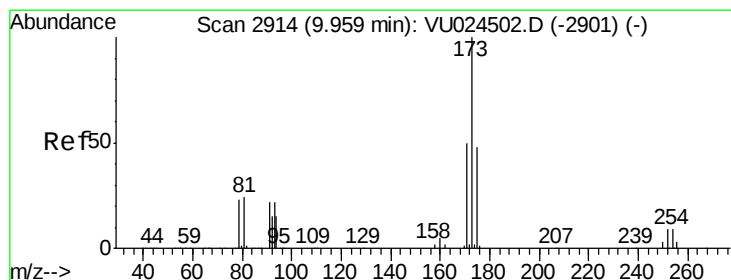
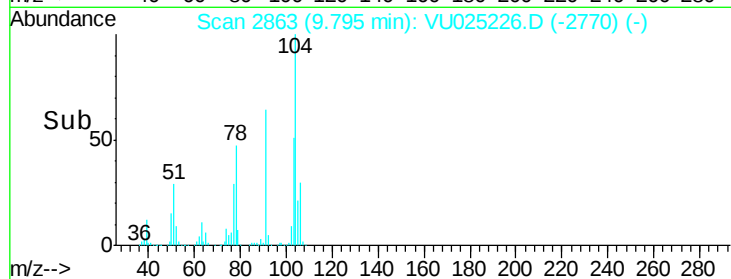
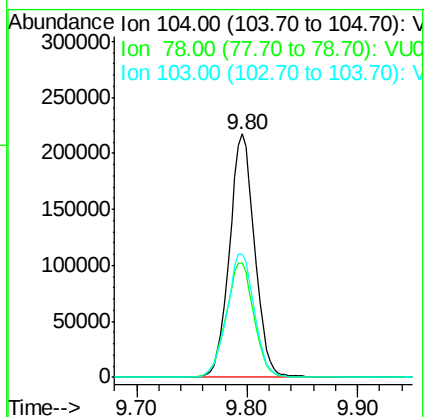
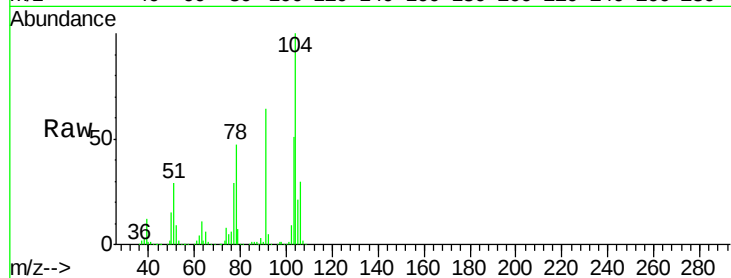




#70
Stvrene
Concen: 51.84 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

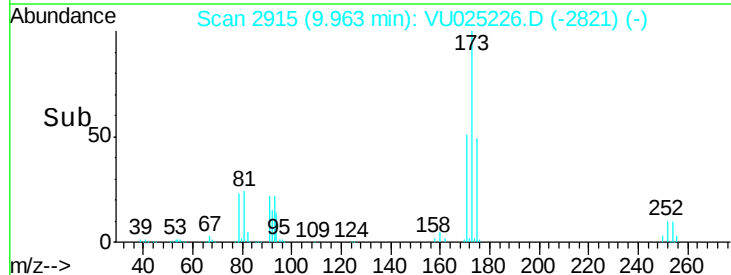
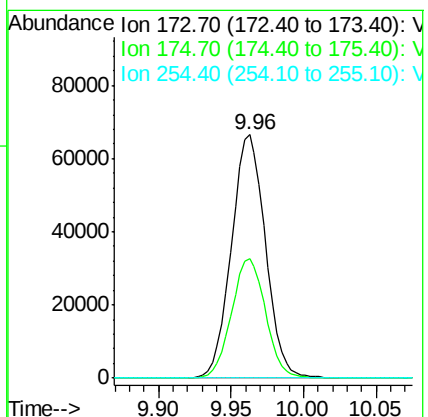
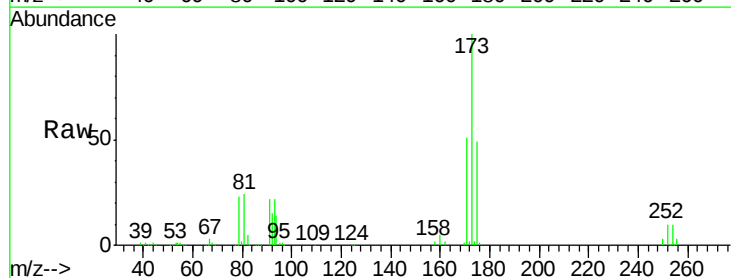
Instrument :
MSVOA_U
ClientSampleId :

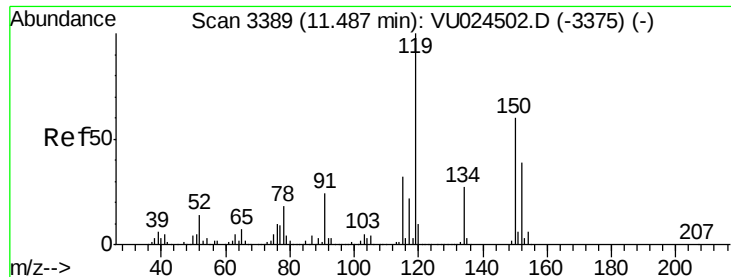
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.6	60.8
103	55.4	44.7	67.1



#71
Bromoform
Concen: 49.49 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	74.0
254	0.0	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

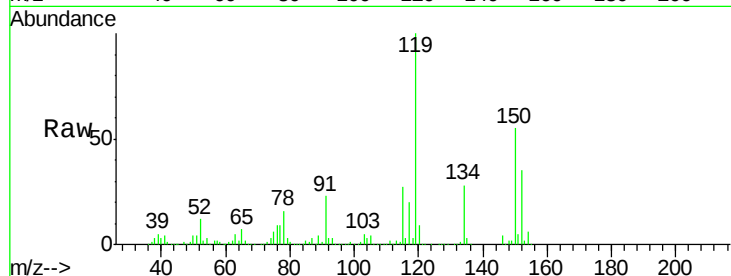
Tot Ion:152 Resp: 144834

Ion Ratio Lower Upper

152 100

115 83.2 43.0 129.0

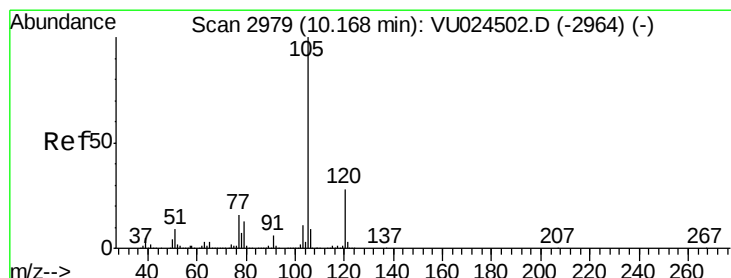
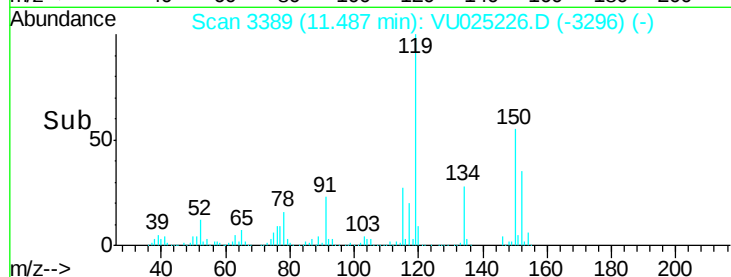
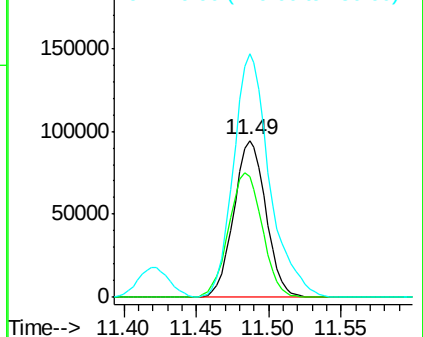
150 174.5 0.0 354.0



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: 53.65 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025226.D

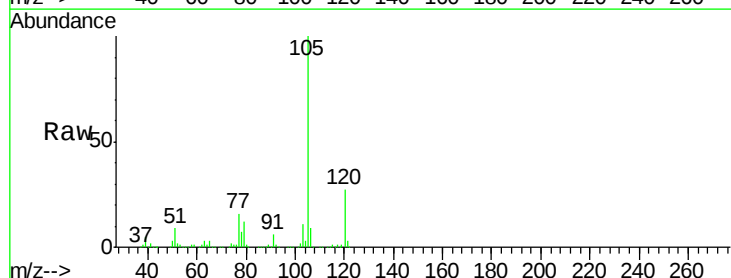
Acq: 05 Jul 2018 19:29

Tgt Ion:105 Resp: 596621

Ion Ratio Lower Upper

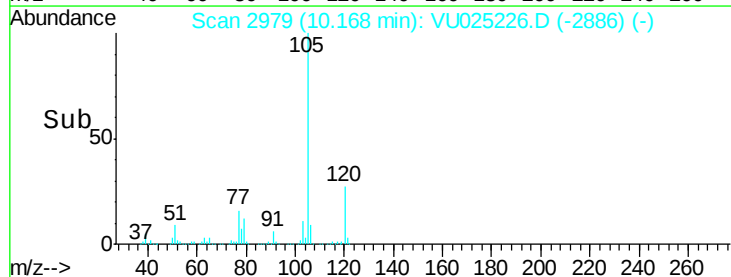
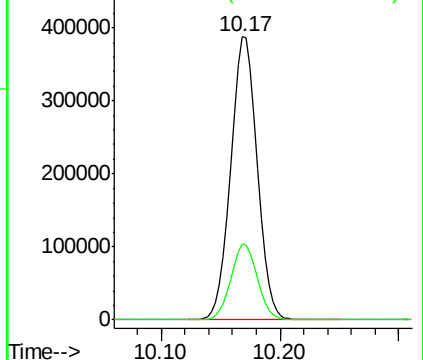
105 100

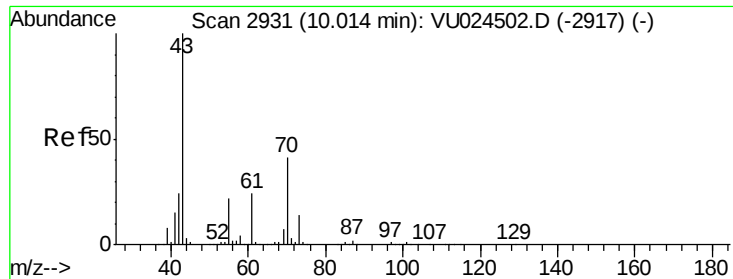
120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.44 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 43 Resp: 250929

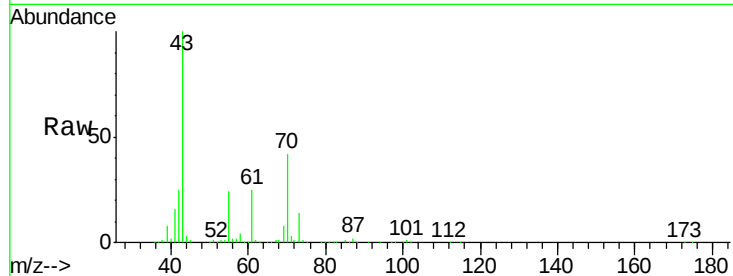
Ion Ratio Lower Upper

43 100

70 42.0 32.2 48.4

55 25.4 20.5 30.7

61 24.2 18.7 28.1

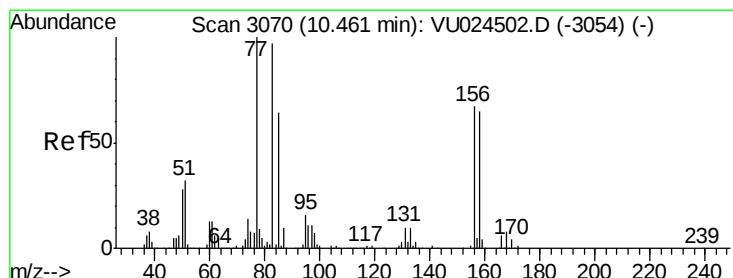
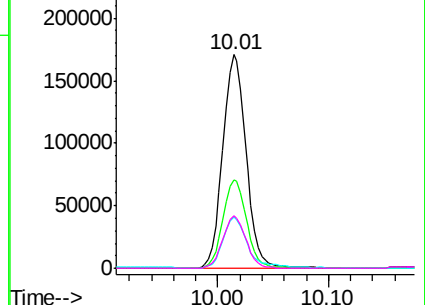
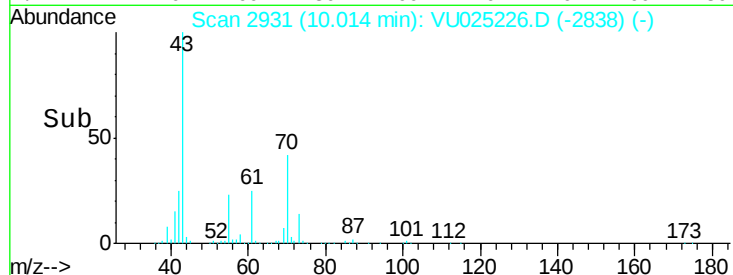


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#75

1,1,2,2-Tetrachloroethane

Concen: 55.02 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

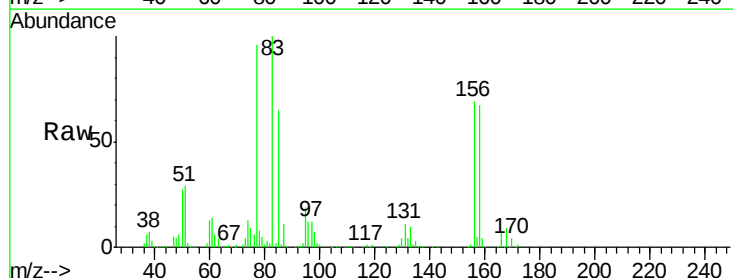
Tgt Ion: 83 Resp: 205002

Ion Ratio Lower Upper

83 100

131 10.8 4.7 14.1

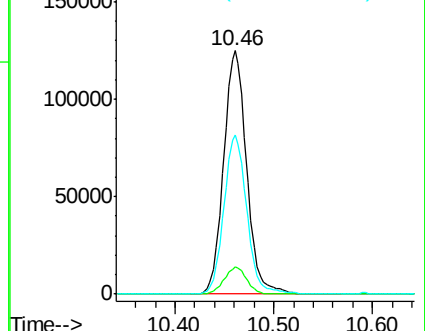
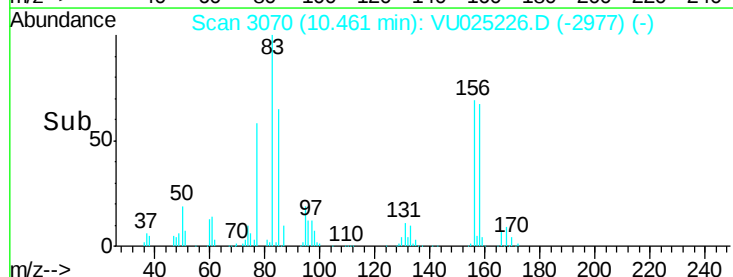
85 65.2 32.5 97.5

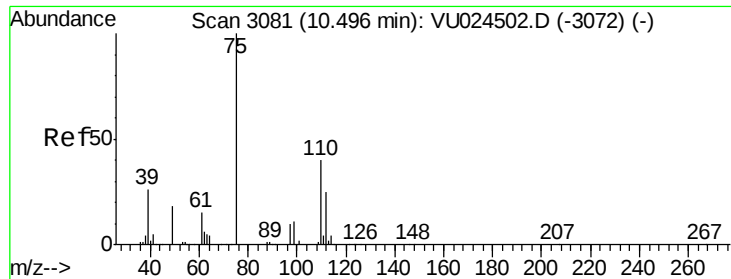


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0

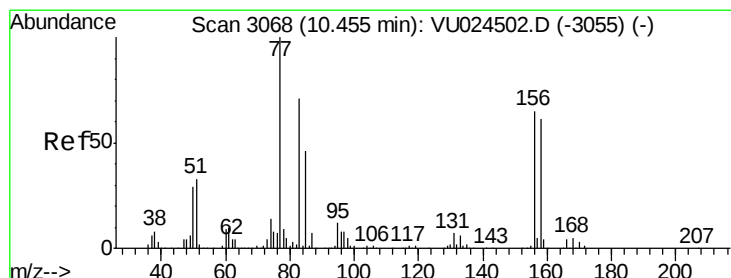
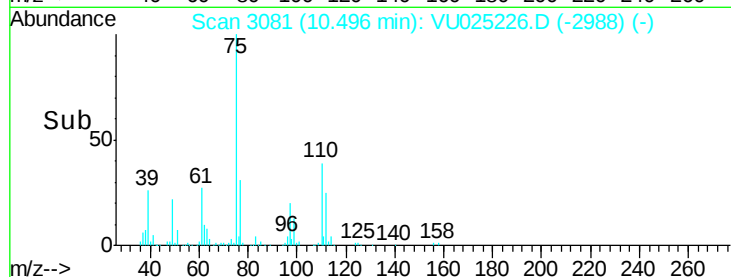
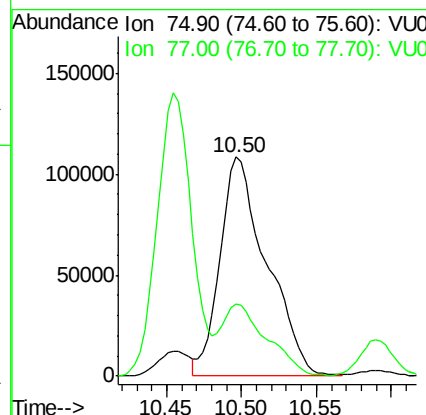
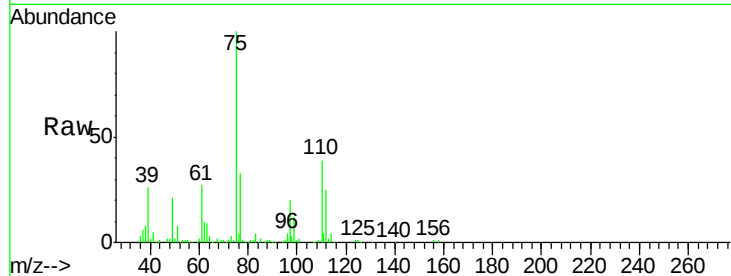




#76
 1,2,3-Trichloropropane
 Concen: 74.12 ug/l
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

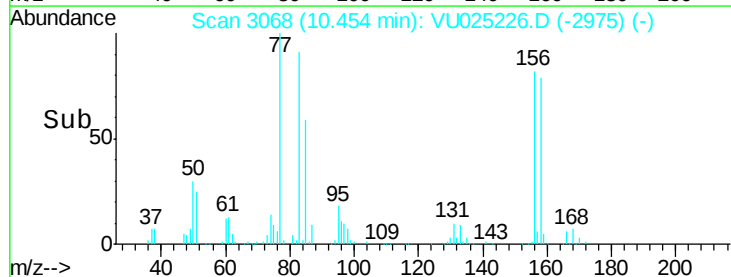
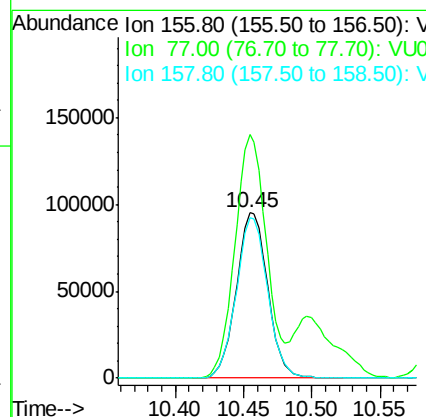
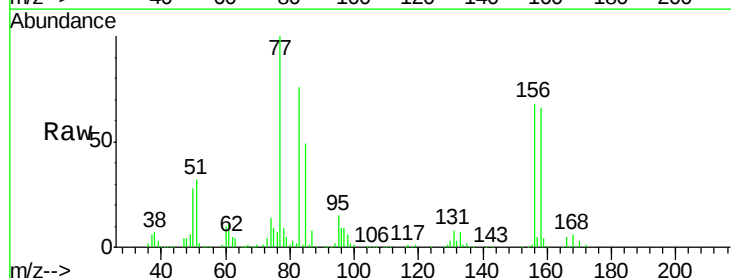
Instrument :
 MSVOA_U
 ClientSampled :

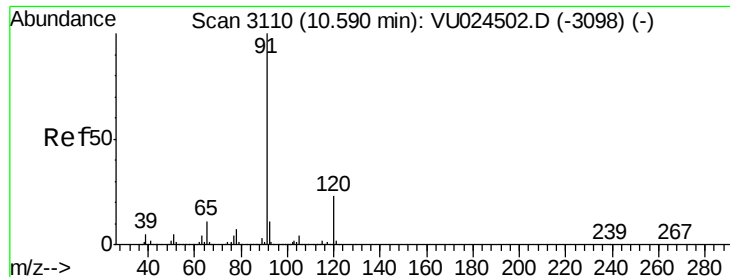
Tot Ion: 75 Resp: 236347
 Ion Ratio Lower Upper
 75 100
 77 30.3 20.9 62.7



#77
 Bromobenzene
 Concen: 54.03 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion: 156 Resp: 152103
 Ion Ratio Lower Upper
 156 100
 77 147.8 80.5 241.3
 158 97.2 48.2 144.6





#78

n-propylbenzene

Concen: 51.60 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

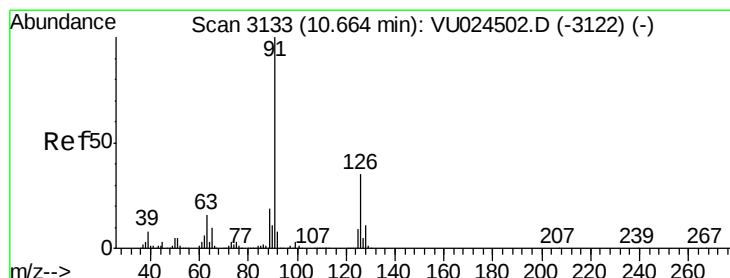
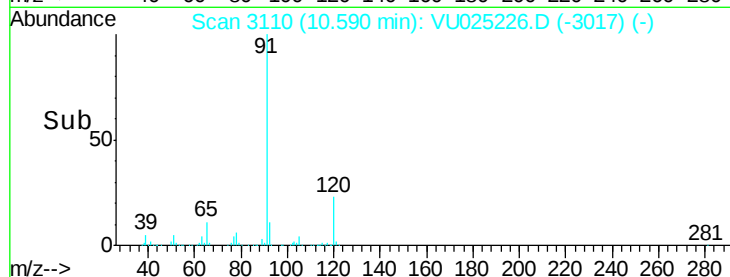
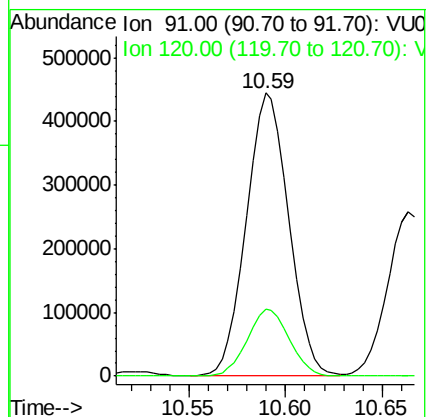
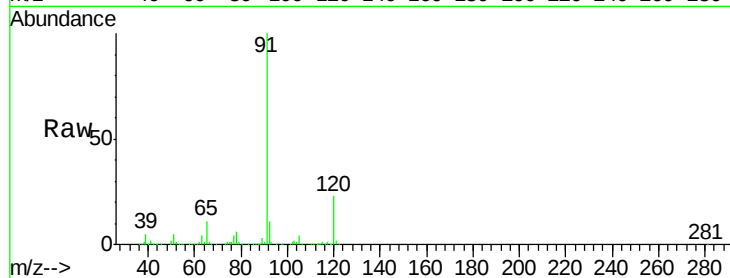
ClientSampleId :

Tot Ion: 91 Resp: 675969

Ion Ratio Lower Upper

91 100

120 23.5 11.2 33.5



#79

2-Chlorotoluene

Concen: 51.64 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025226.D

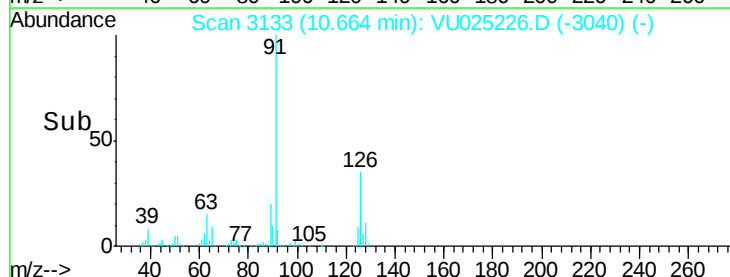
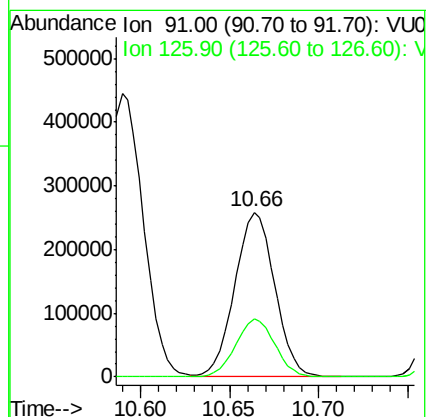
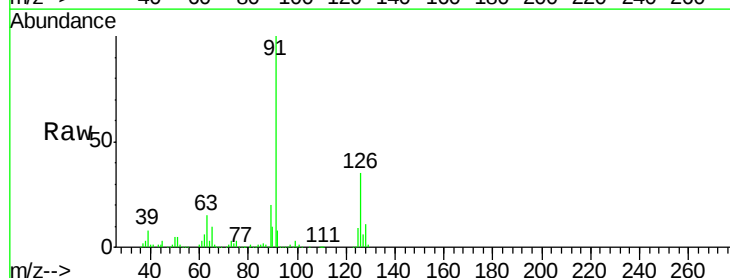
Acq: 05 Jul 2018 19:29

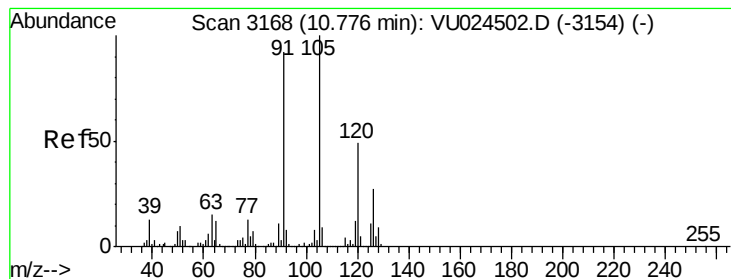
Tgt Ion: 91 Resp: 398882

Ion Ratio Lower Upper

91 100

126 34.9 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 52.02 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

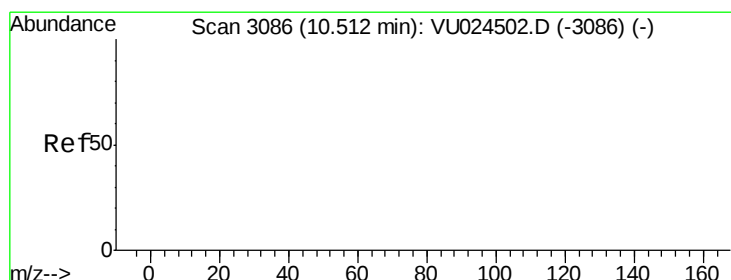
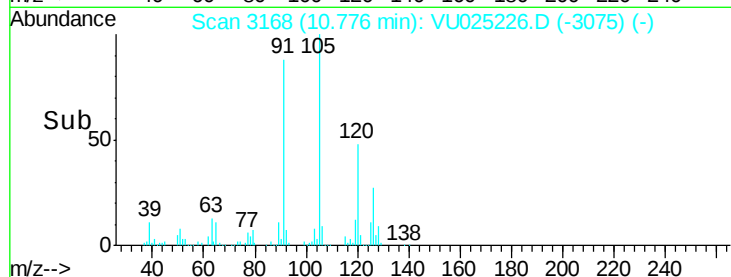
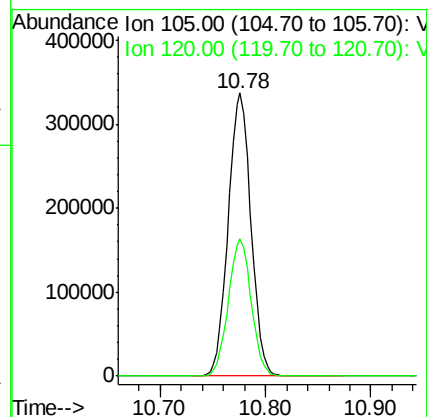
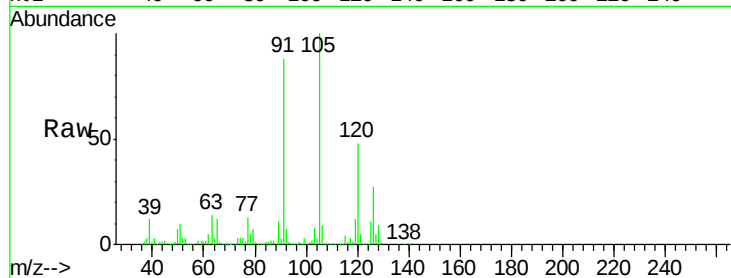
ClientSampled :

Tot Ion:105 Resp: 501394

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2



#81

trans-1,4-Dichloro-2-butene

Concen: 171.54 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

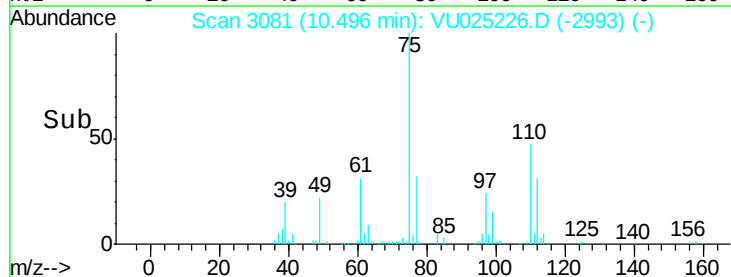
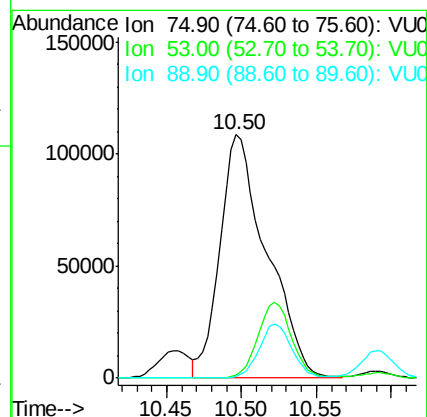
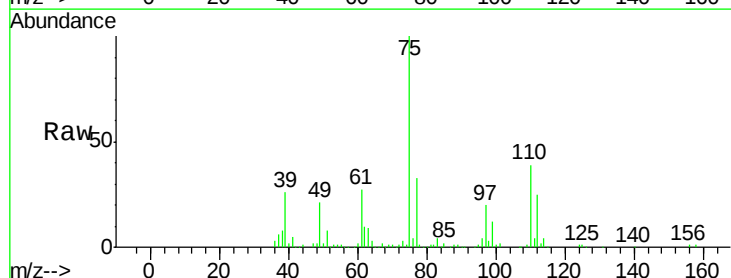
Tgt Ion: 75 Resp: 236347

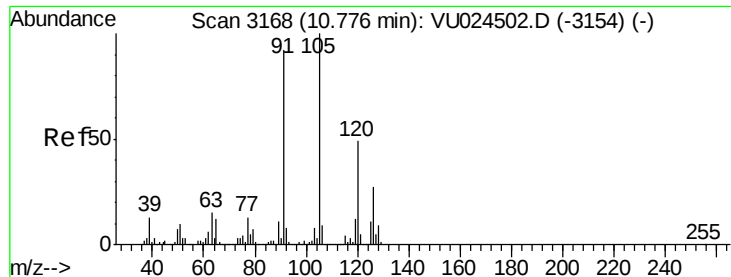
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 50.70 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

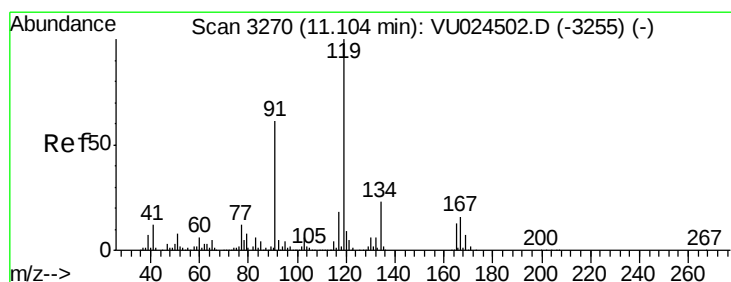
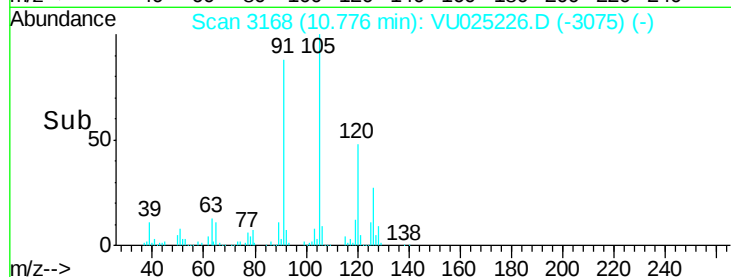
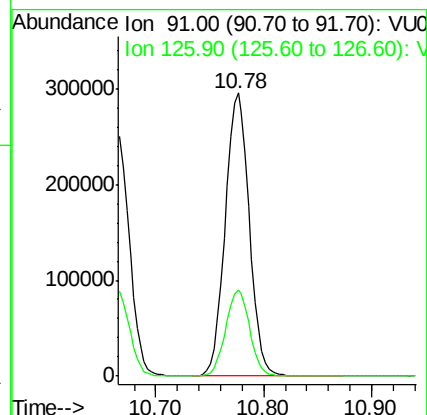
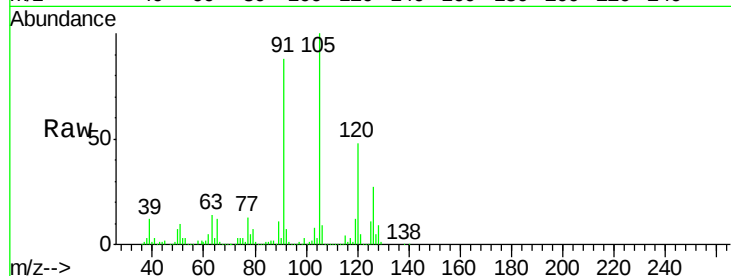
ClientSampled :

Tot Ion: 91 Resp: 455800

Ion Ratio Lower Upper

91 100

126 30.5 14.9 44.9



#83

tert-Butylbenzene

Concen: 60.31 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

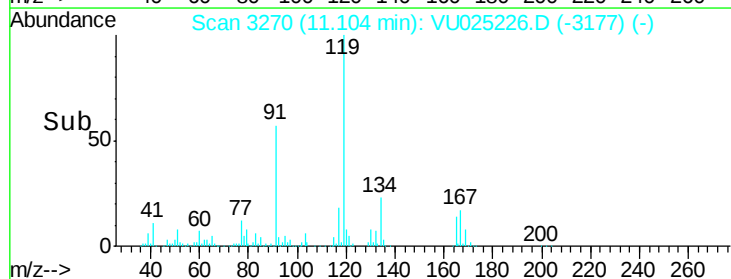
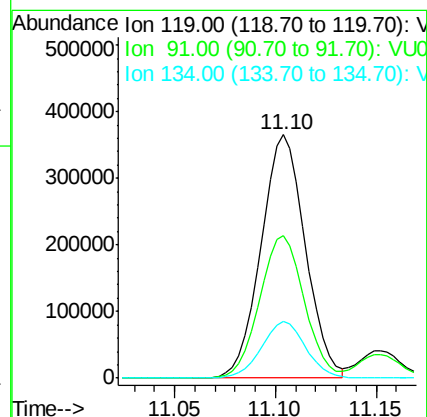
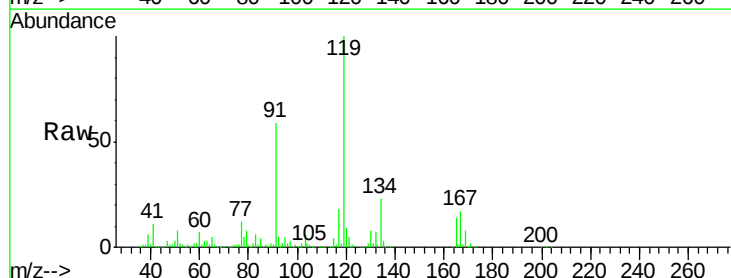
Tgt Ion: 119 Resp: 559092

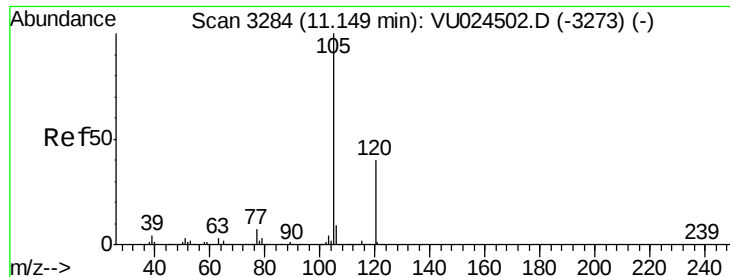
Ion Ratio Lower Upper

119 100

91 59.1 29.7 89.1

134 23.2 11.6 34.7

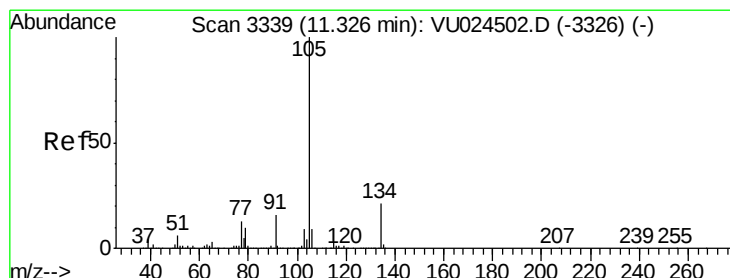
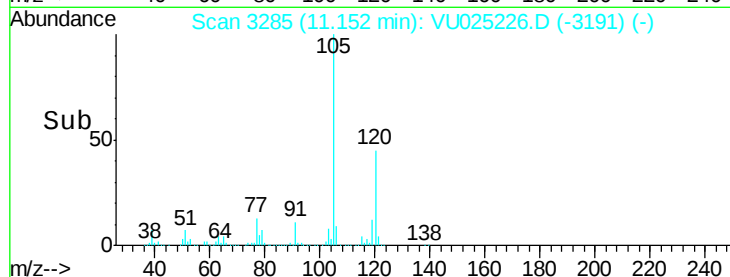
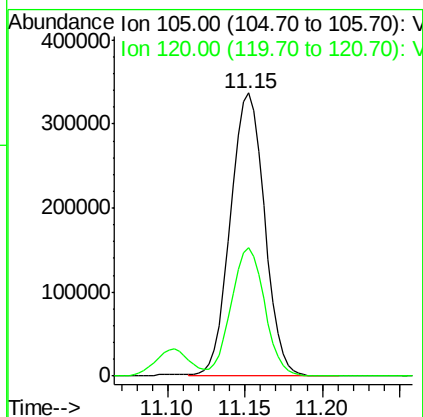
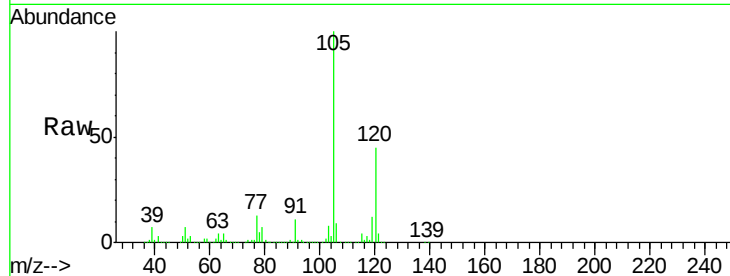




#84
 1,2,4-Trimethylbenzene
 Concen: 52.37 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

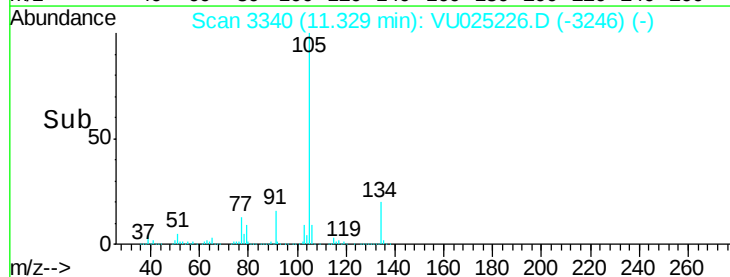
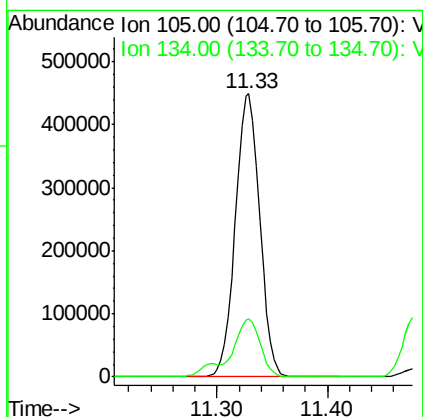
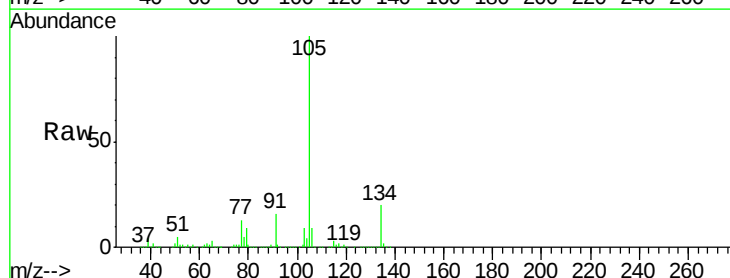
Instrument :
 MSVOA_U
 ClientSampleId :

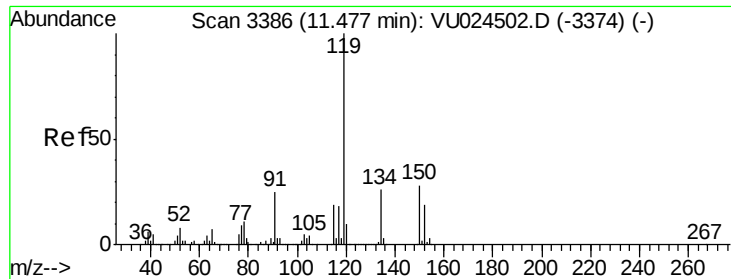
Tot Ion:105 Resp: 514426
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 59.23 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion:105 Resp: 687305
 Ion Ratio Lower Upper
 105 100
 134 21.1 9.7 29.1





#86

p-Isopropyltoluene

Concen: 51.36 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampled :

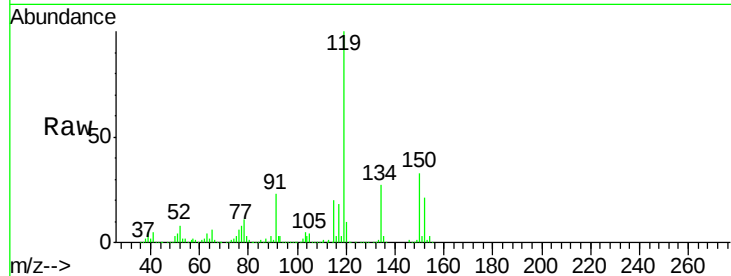
Tot Ion:119 Resp: 533780

Ion Ratio Lower Upper

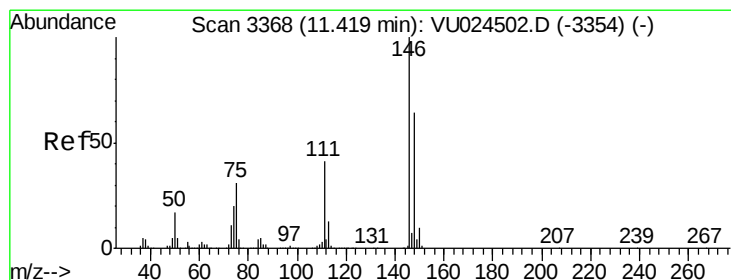
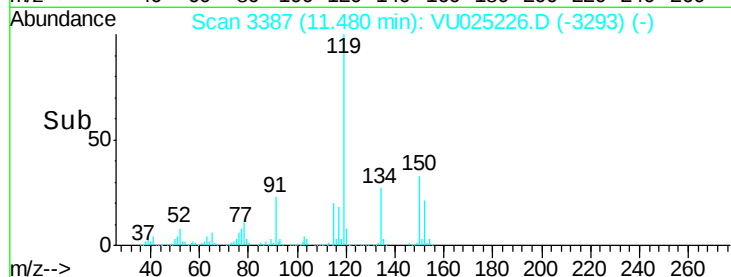
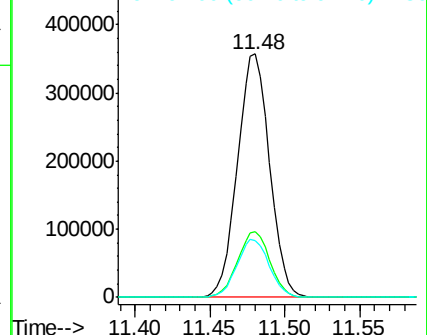
119 100

134 27.0 12.9 38.6

91 23.8 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): V



#87

1,3-Dichlorobenzene

Concen: 52.51 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

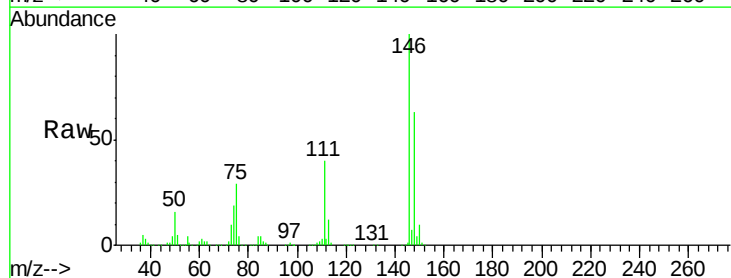
Tgt Ion:146 Resp: 273120

Ion Ratio Lower Upper

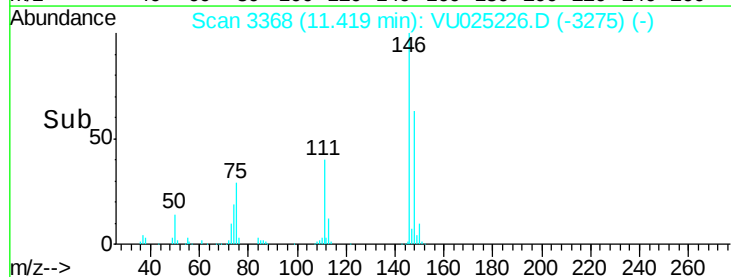
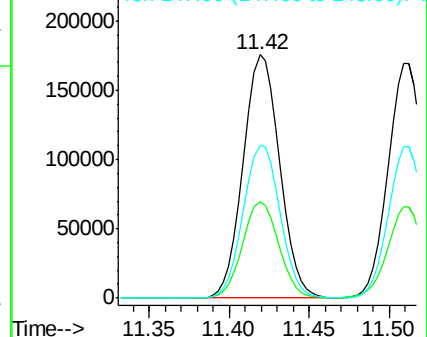
146 100

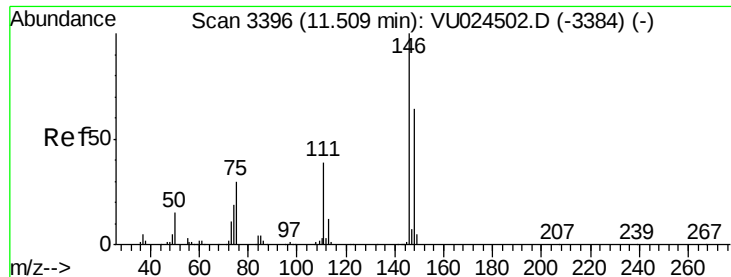
111 39.4 20.0 60.0

148 63.6 32.1 96.5



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

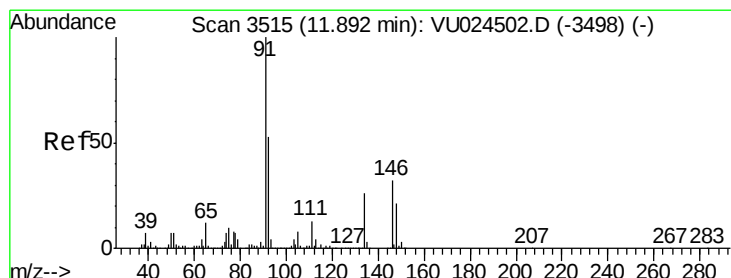
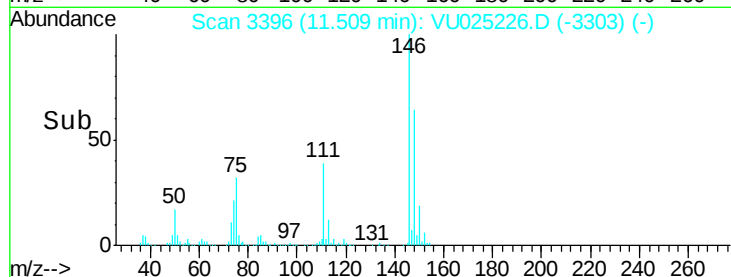
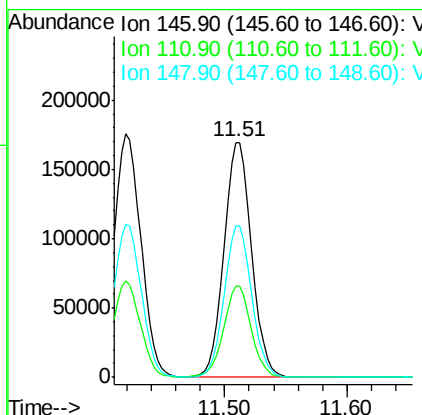
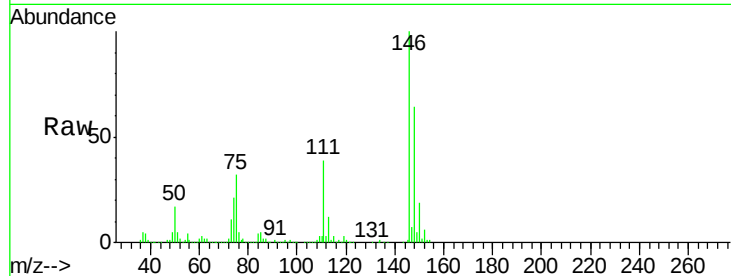




#88
 1,4-Dichlorobenzene
 Concen: 51.34 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

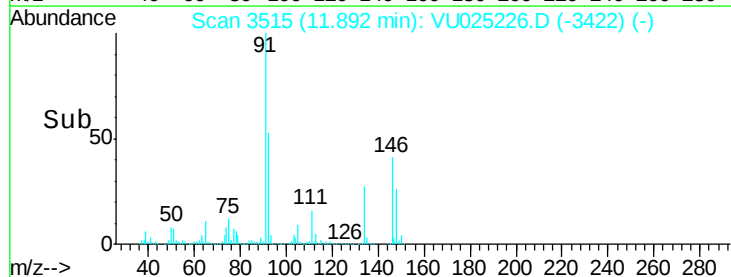
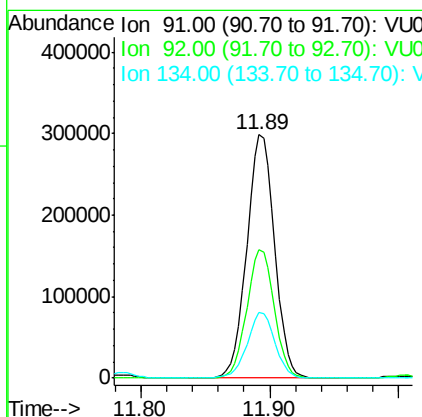
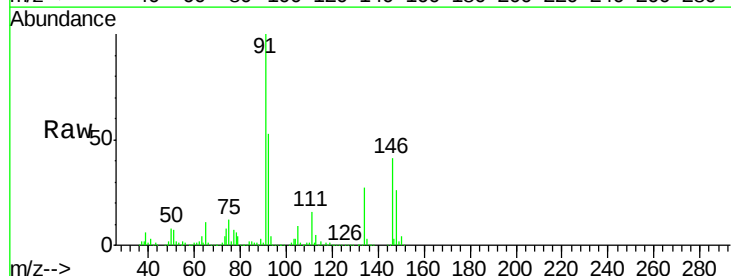
Instrument :
 MSVOA_U
 ClientSampled :

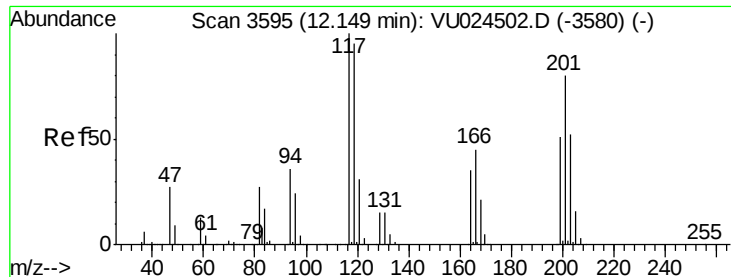
Tot Ion:146 Resp: 268775
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 64.5 32.4 97.0



#89
 n-Butylbenzene
 Concen: 48.57 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion: 91 Resp: 448174
 Ion Ratio Lower Upper
 91 100
 92 52.4 25.6 76.8
 134 27.1 12.3 36.8





#90

Hexachloroethane

Concen: 48.61 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

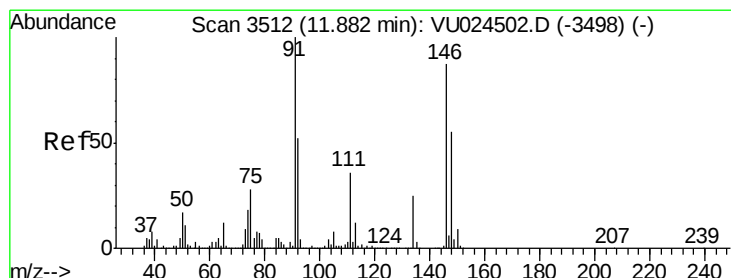
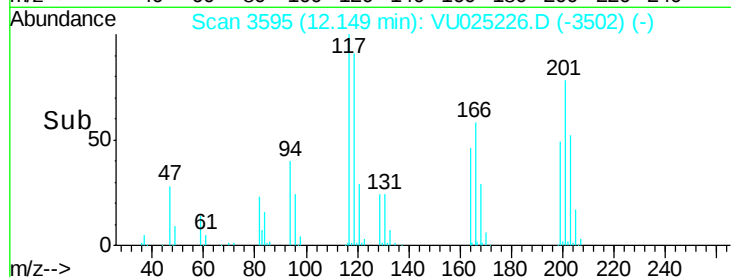
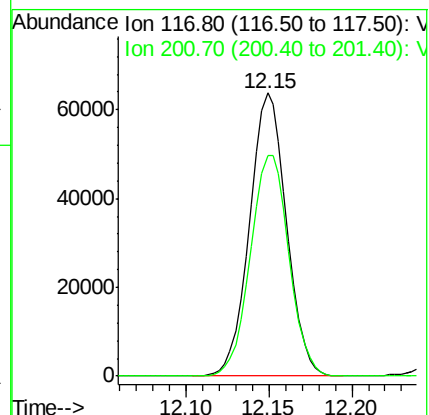
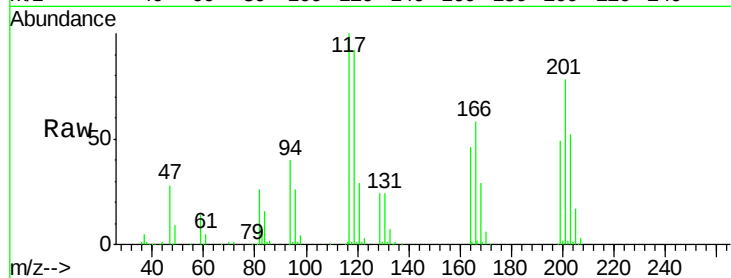
ClientSampleId :

Tot Ion:117 Resp: 98559

Ion Ratio Lower Upper

117 100

201 81.9 41.1 123.3



#91

1,2-Dichlorobenzene

Concen: 53.95 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

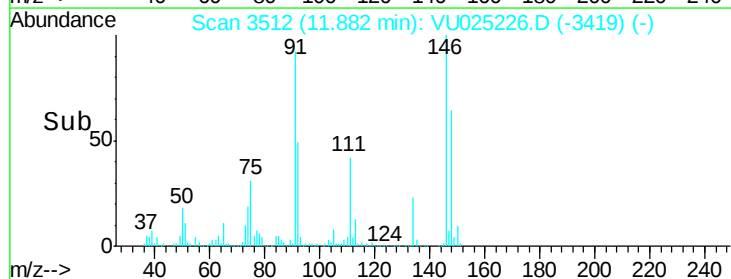
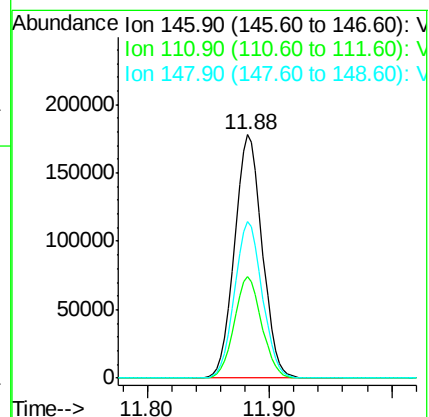
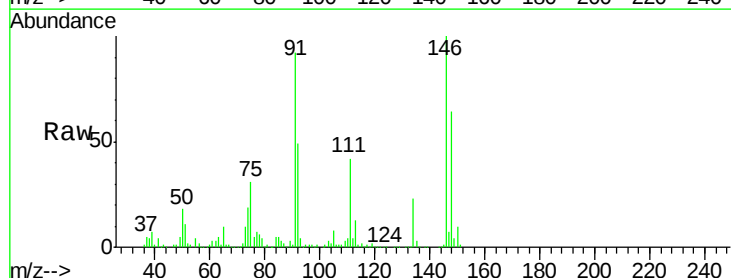
Tgt Ion:146 Resp: 281061

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.6

148 64.5 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.92 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

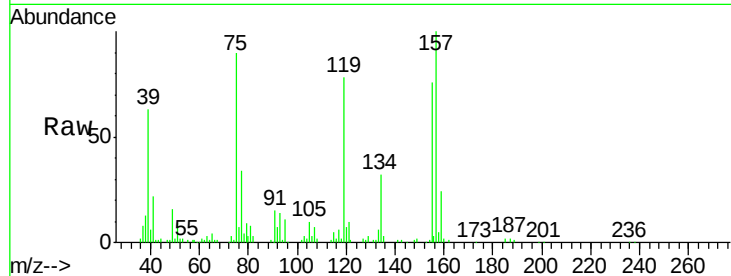
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 55443

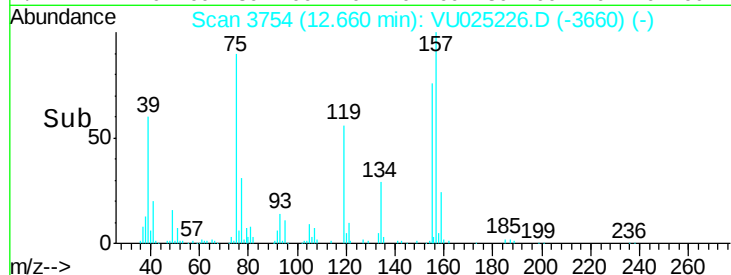
Ion	Ratio	Lower	Upper
75	100		
155	84.4	40.4	121.2
157	110.1	52.3	156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

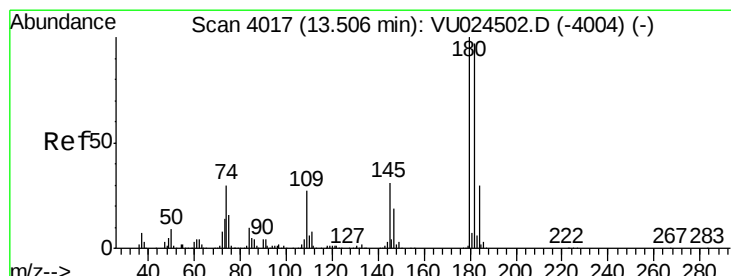
Ion 156.80 (156.50 to 157.50): V



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 54.56 ug/l

RT: 13.51 min Scan# 4017

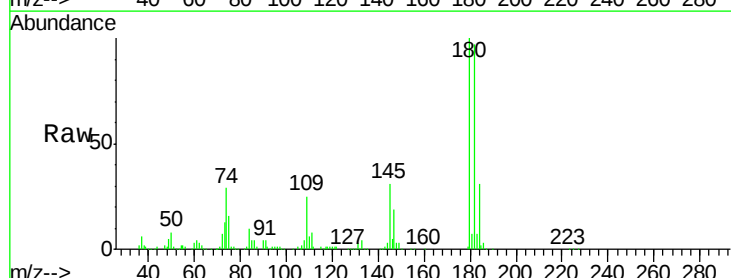
Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion: 180 Resp: 175505

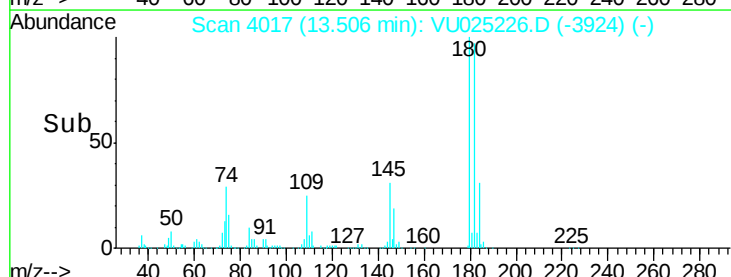
Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.0	144.2
145	31.0	14.7	44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

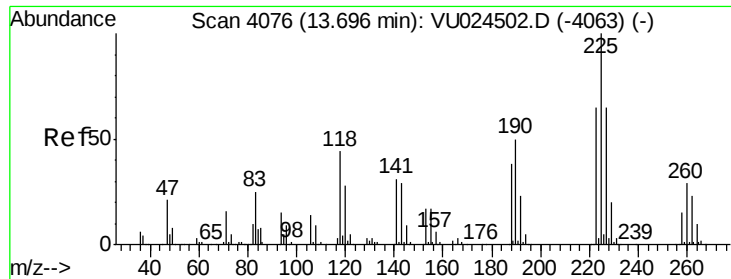
Ion 144.80 (144.50 to 145.50): V



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 51.77 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

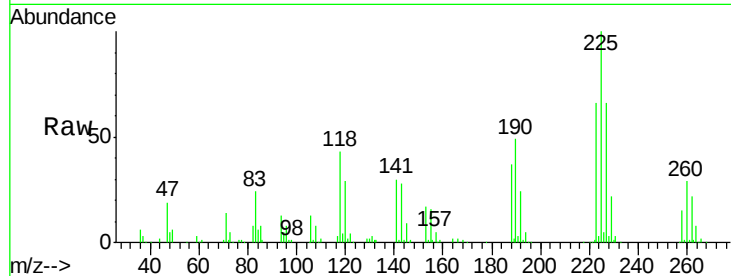
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:225 Resp: 93744

Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.3	93.8
227	64.1	31.8	95.4

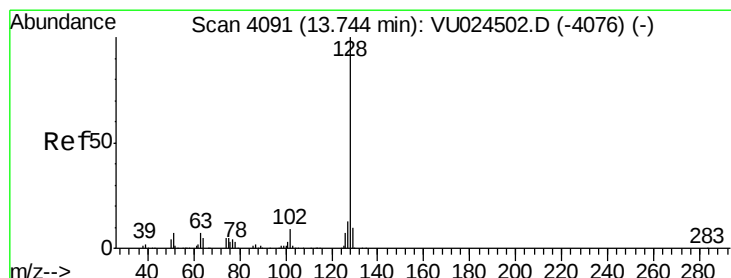
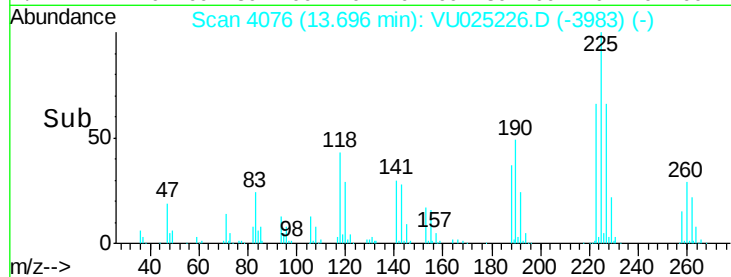
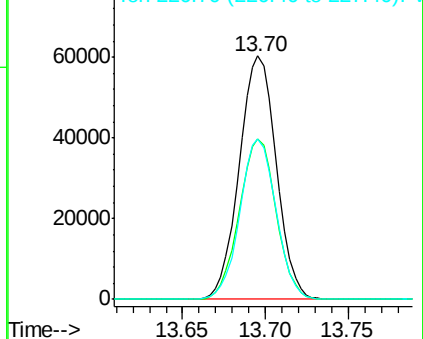


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 57.36 ug/l

RT: 13.75 min Scan# 4092

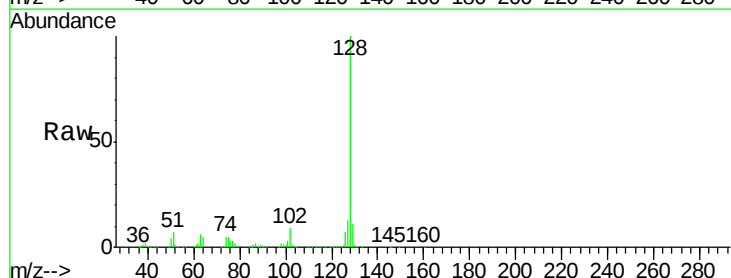
Delta R.T. 0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion:128 Resp: 611932

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.2	8.6	12.8

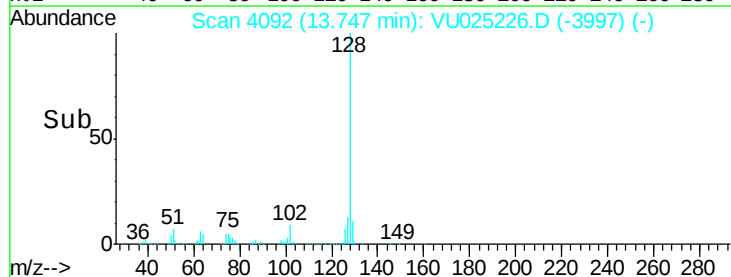
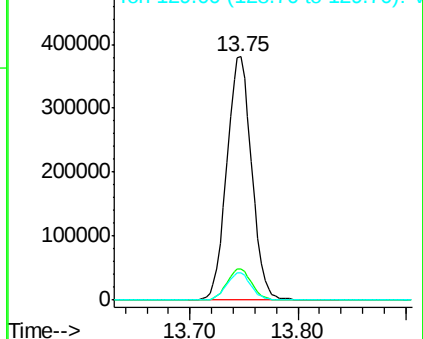


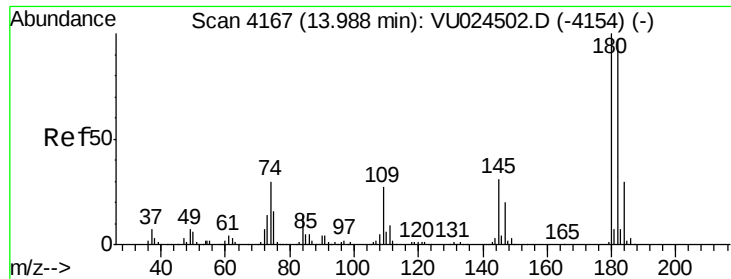
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

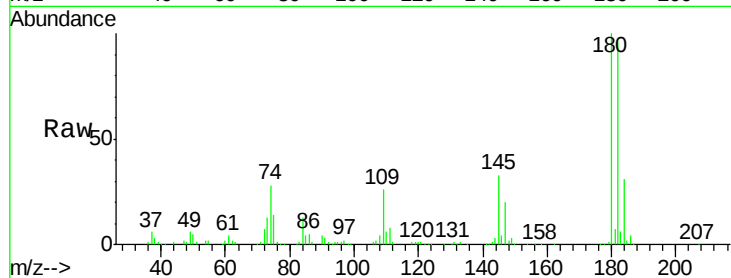




#96
 1,2,3-Trichlorobenzene
 Concen: 58.58 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.7
145	33.2	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

