

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002931.D
 Acq On : 27 Jun 2018 12:59
 Operator : JC/MD
 Sample : VX0627MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 03:11:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182683	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	5.51	113	144668	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	8.72	98	529076	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.14	95	201420	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44540	18.75	ug/l	98
3) Chloromethane	1.32	50	49303	19.47	ug/l	98
4) Vinyl Chloride	1.41	62	54904	18.43	ug/l	97
5) Bromomethane	1.64	94	29647	19.67	ug/l	99
6) Chloroethane	1.73	64	35448	18.97	ug/l	99
7) Trichlorofluoromethane	1.93	101	97350	19.38	ug/l	98
8) Diethyl Ether	2.19	74	35104	19.22	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55462	19.05	ug/l	99
10) Methyl Iodide	2.51	142	47968	20.45	ug/l	99
11) Tert butyl alcohol	3.07	59	72277	99.67	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48564	18.70	ug/l	94
13) Acrolein	2.29	56	49393	125.01	ug/l	98
14) Allyl chloride	2.73	41	97629	19.07	ug/l	99
15) Acrylonitrile	3.15	53	153170	98.89	ug/l	99
16) Acetone	2.45	43	158293	105.01	ug/l	97
17) Carbon Disulfide	2.57	76	119728	17.30	ug/l	99
18) Methyl Acetate	2.78	43	91923	21.81	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	182623	19.56	ug/l	99
20) Methylene Chloride	2.86	84	56357	19.21	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	52610	18.60	ug/l	97
22) Diisopropyl ether	3.87	45	193384	19.76	ug/l	96
23) Vinyl Acetate	3.83	43	798946	96.41	ug/l	100
24) 1,1-Dichloroethane	3.70	63	103649	19.49	ug/l	99
25) 2-Butanone	4.71	43	226358	101.18	ug/l	97
26) 2,2-Dichloropropane	4.59	77	81042	18.74	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61039	19.24	ug/l	98
28) Bromochloromethane	5.03	49	53020	20.82	ug/l	97
29) Tetrahydrofuran	5.17	42	141503	98.63	ug/l	99
30) Chloroform	5.22	83	107339	19.66	ug/l	97
31) Cyclohexane	5.58	56	84969	18.61	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	92461	19.25	ug/l	100
36) 1,1-Dichloropropene	5.81	75	74199	18.73	ug/l	98
37) Ethyl Acetate	4.86	43	84154	19.73	ug/l	99
38) Carbon Tetrachloride	5.78	117	82670	19.02	ug/l	99

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 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 03:11:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86534	18.75	ug/l	99
40) Benzene	6.15	78	225180	19.56	ug/l	97
41) Methacrylonitrile	5.07	41	48739	19.85	ug/l	99
42) 1,2-Dichloroethane	6.20	62	89910	19.34	ug/l	98
43) Isopropyl Acetate	6.47	43	135445	18.94	ug/l	99
44) Trichloroethene	7.22	130	63960	18.64	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58984	19.32	ug/l	100
46) Dibromomethane	7.67	93	41131	19.41	ug/l	99
47) Bromodichloromethane	7.90	83	76447	19.52	ug/l	97
48) Methyl methacrylate	7.78	41	72139	19.57	ug/l	98
49) 1,4-Dioxane	7.76	88	28459	396.88	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	448535	100.22	ug/l	99
52) Toluene	8.79	92	146687	19.89	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	87334	19.69	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	79893	18.72	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	60196	19.87	ug/l	95
56) Ethyl methacrylate	9.18	69	84904	19.17	ug/l	97
57) 1,3-Dichloropropane	9.37	76	99041	19.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	217479	101.80	ug/l	99
59) 2-Hexanone	9.50	43	345662	101.63	ug/l	99
60) Dibromochloromethane	9.59	129	61228	19.20	ug/l	100
61) 1,2-Dibromoethane	9.68	107	63105	19.86	ug/l	100
64) Tetrachloroethene	9.34	164	70290	18.30	ug/l	96
65) Chlorobenzene	10.14	112	168511	19.21	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	61498	19.30	ug/l	100
67) Ethyl Benzene	10.26	91	283141	19.54	ug/l	97
68) m/p-Xylenes	10.36	106	219109	39.23	ug/l	99
69) o-Xylene	10.70	106	105487	19.40	ug/l	100
70) Styrene	10.71	104	171833	19.45	ug/l	99
71) Bromoform	10.86	173	47063	18.97	ug/l	99
73) Isopropylbenzene	11.02	105	291906	20.19	ug/l	99
74) N-amyl acetate	6.47	43	135445	19.14	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89134	20.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	98637	25.33	ug/l	80
77) Bromobenzene	11.26	156	80834	19.63	ug/l	98
78) n-propylbenzene	11.36	91	329367	20.01	ug/l	99
79) 2-Chlorotoluene	11.42	91	198775	19.95	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	246972	20.28	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21824	18.53	ug/l	94
82) 4-Chlorotoluene	11.51	91	232597	19.72	ug/l	100
83) tert-Butylbenzene	11.77	119	242900	20.24	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	253079	20.06	ug/l	99
85) sec-Butylbenzene	11.95	105	295233	20.28	ug/l	100
86) p-Isopropyltoluene	12.07	119	262294	20.04	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	147784	19.65	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	150069	19.39	ug/l	99
89) n-Butylbenzene	12.39	91	221012	19.40	ug/l	99
90) Hexachloroethane	12.60	117	37828	19.43	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	149002	19.63	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19224	19.20	ug/l	98

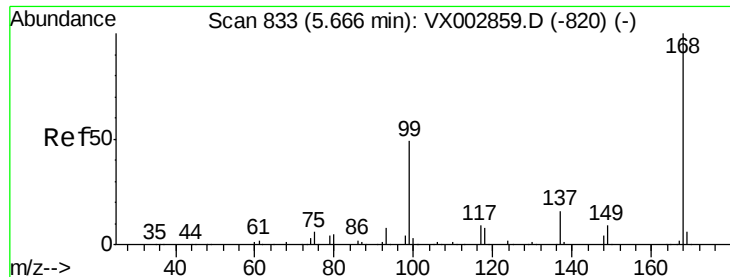
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002931.D
Acq On : 27 Jun 2018 12:59
Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 28 03:11:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105264	19.05	ug/l	98
94) Hexachlorobutadiene	13.79	225	53821	19.53	ug/l	99
95) Naphthalene	13.83	128	294770	20.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108756	19.71	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

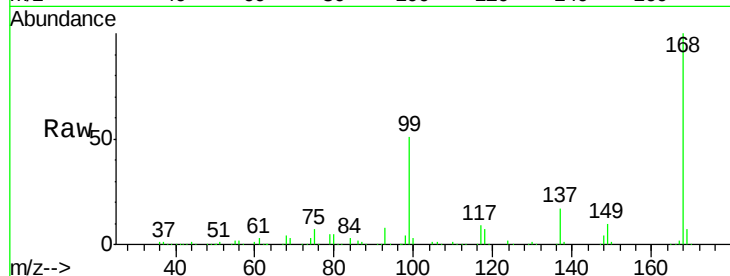
ClientSampleId :

Tot Ion:168 Resp: 263356

Ion Ratio Lower Upper

168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

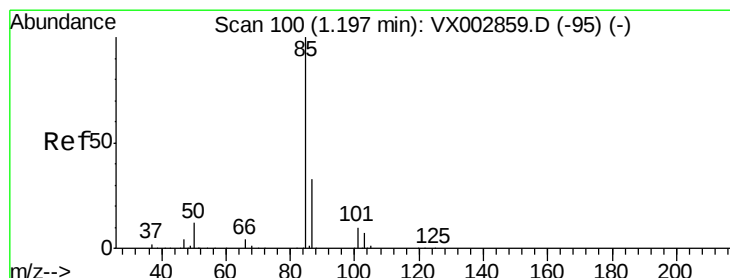
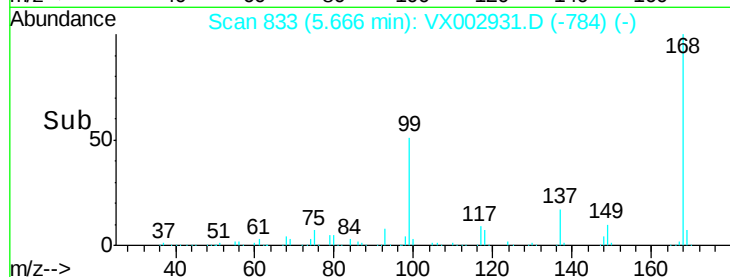
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002931.D

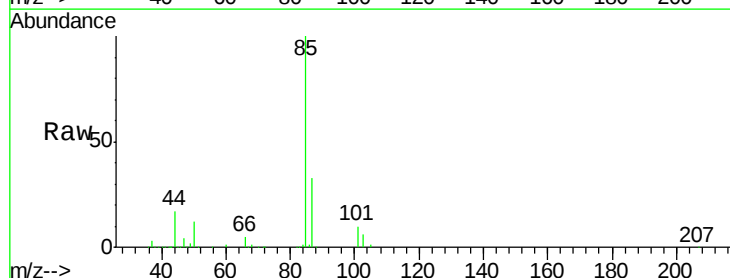
Acq: 27 Jun 2018 12:59

Tgt Ion: 85 Resp: 44540

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

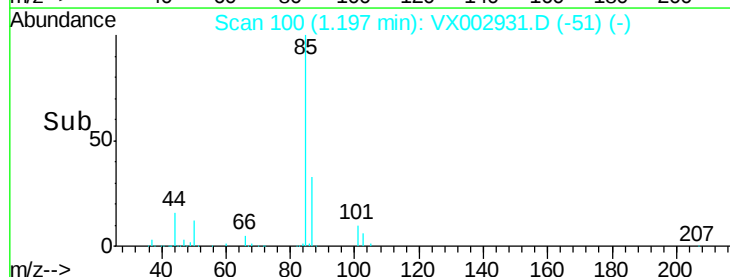
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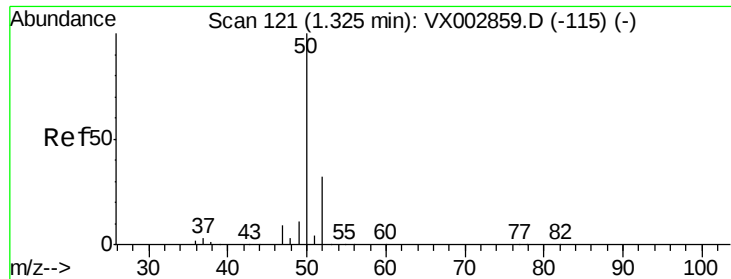
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Time-->

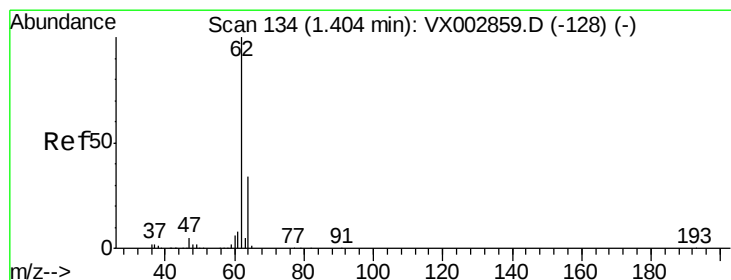
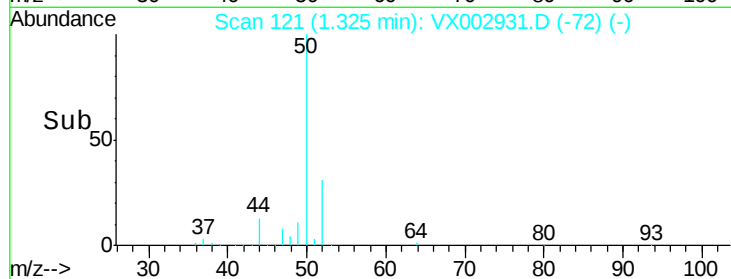
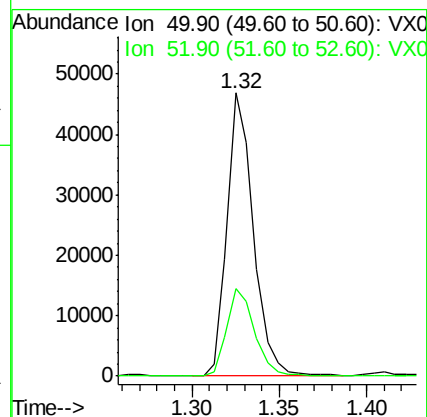
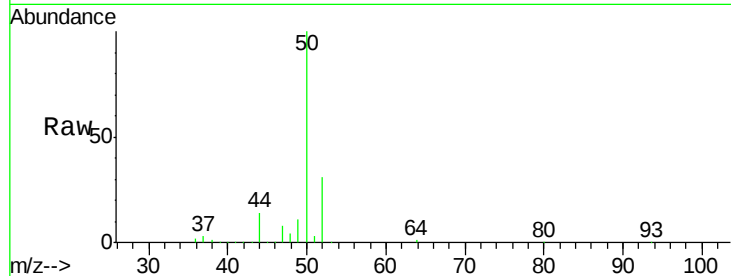




#3
Chloromethane
Concen: 19.47 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

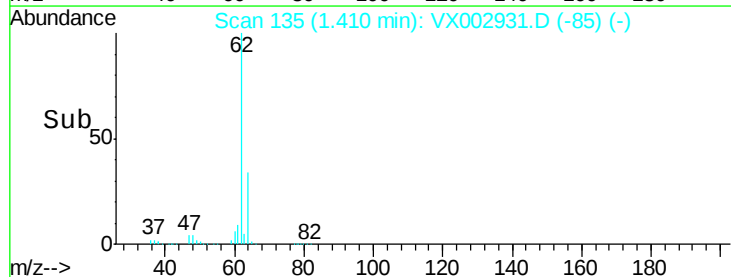
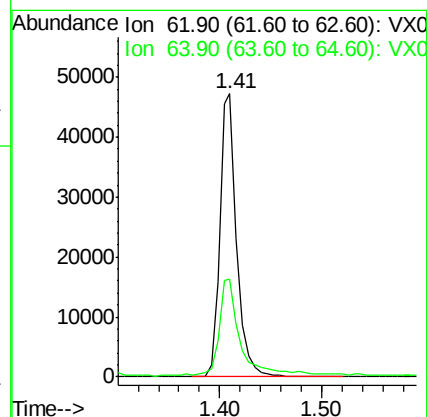
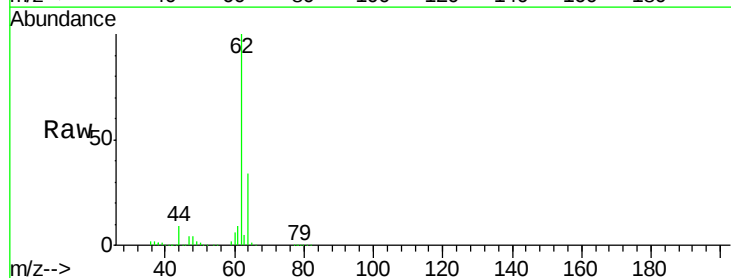
Instrument :
MSVOA_X
ClientSampleId :

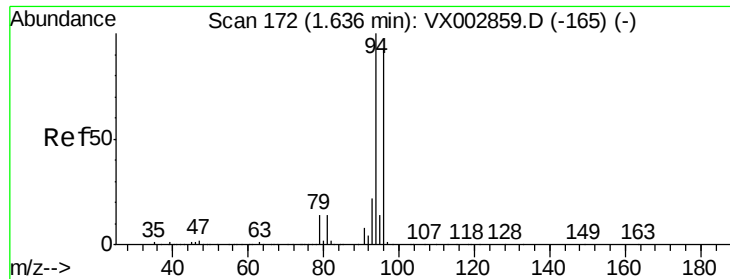
Tot Ion: 50 Resp: 49303
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5



#4
Vinyl Chloride
Concen: 18.43 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion: 62 Resp: 54904
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.2





#5

Bromomethane

Concen: 19.67 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

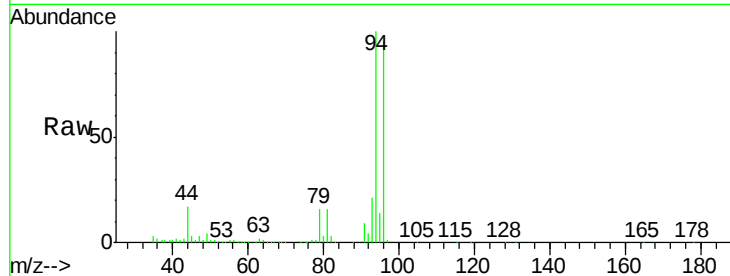
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 29647

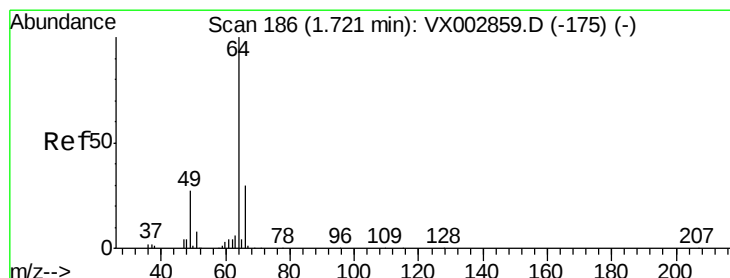
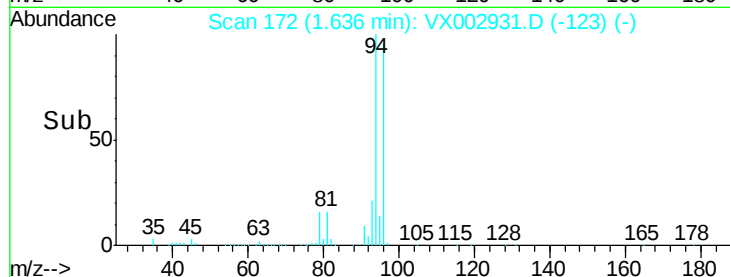
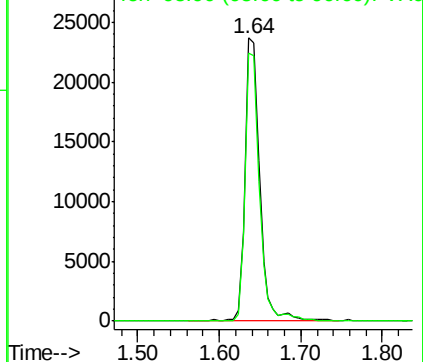
Ion Ratio Lower Upper

94 100

96 94.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.97 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002931.D

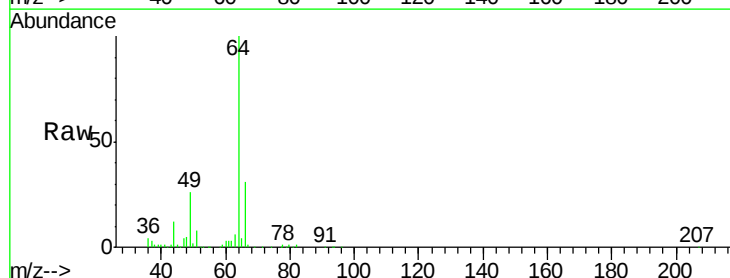
Acq: 27 Jun 2018 12:59

Tgt Ion: 64 Resp: 35448

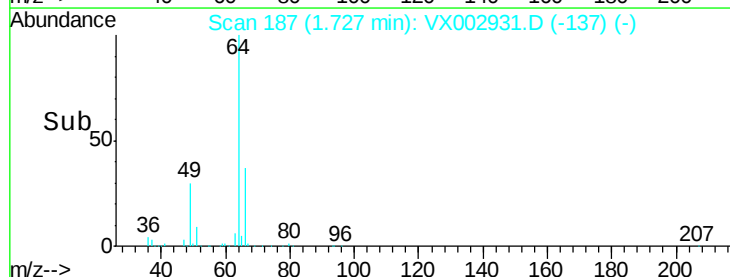
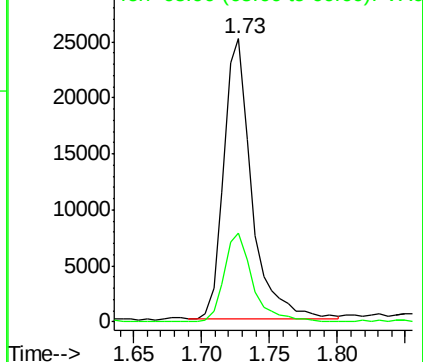
Ion Ratio Lower Upper

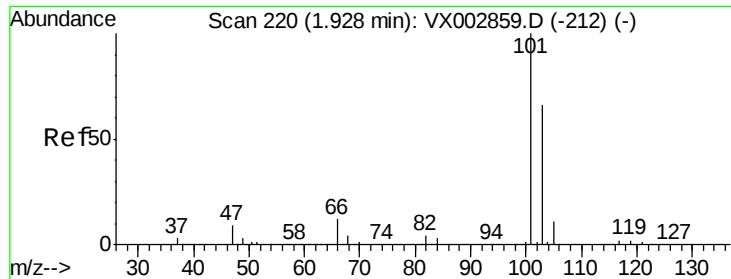
64 100

66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



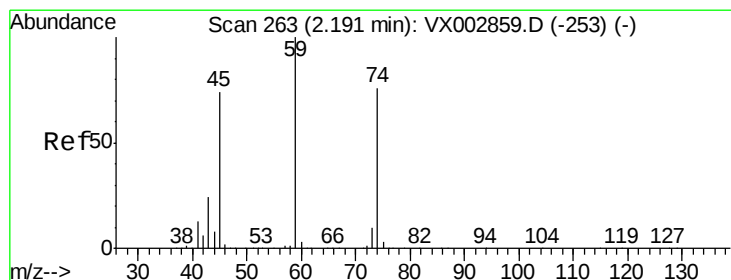
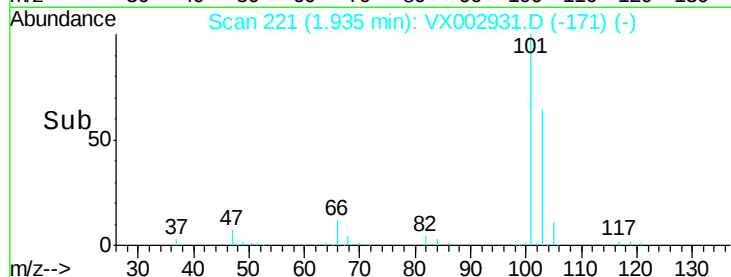
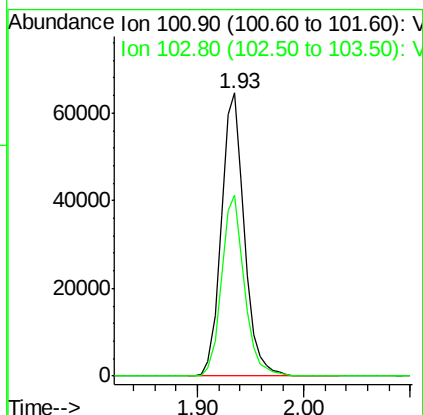
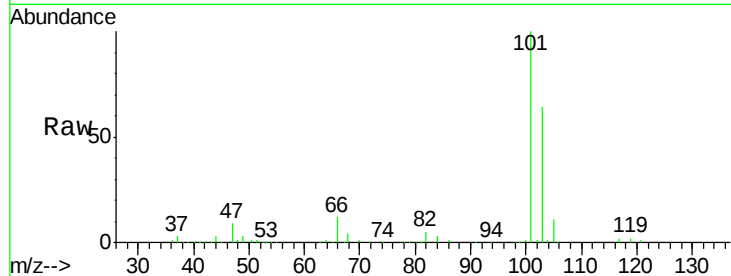


#7

Trichlorofluoromethane
Concen: 19.38 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Instrument :
MSVOA_X
ClientSampleId :

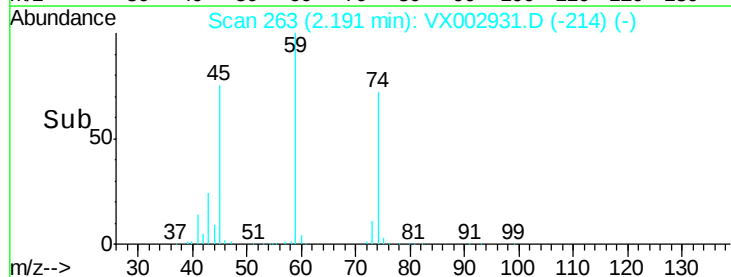
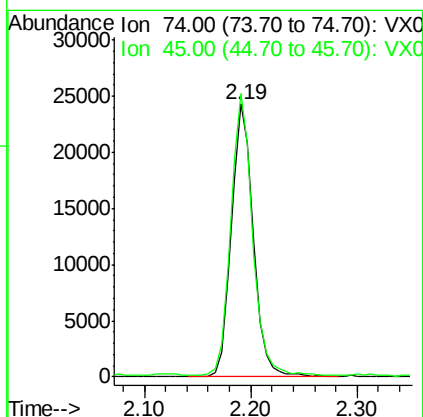
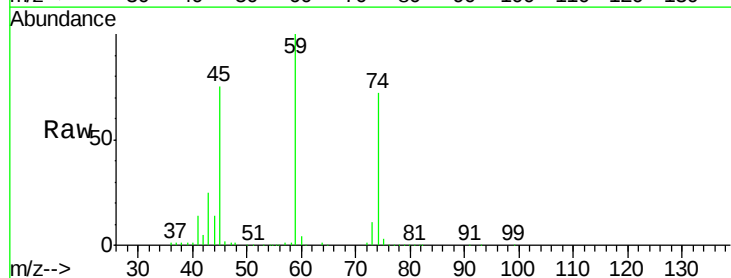
Tot Ion:101 Resp: 97350
Ion Ratio Lower Upper
101 100
103 64.0 52.8 79.2

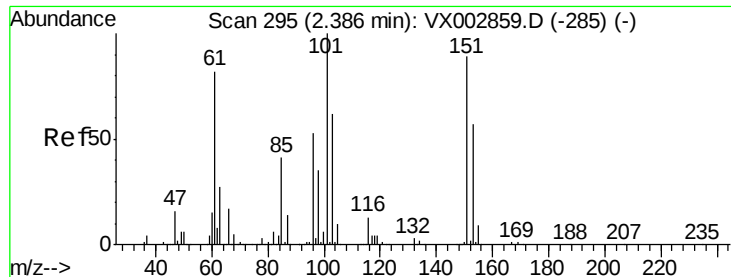


#8

Diethyl Ether
Concen: 19.22 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion: 74 Resp: 35104
Ion Ratio Lower Upper
74 100
45 102.8 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.05 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

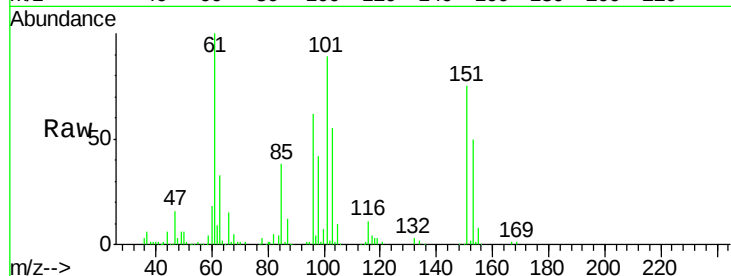
Tot Ion:101 Resp: 55462

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

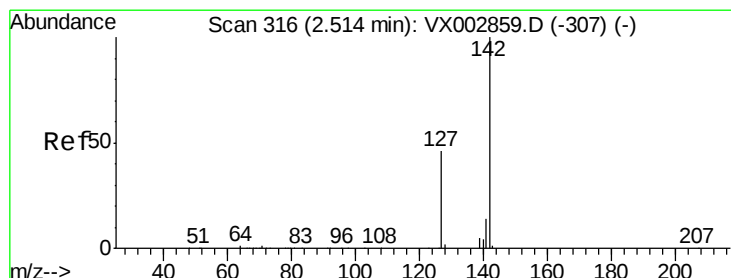
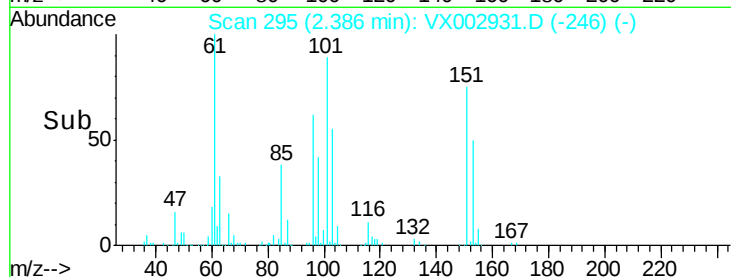
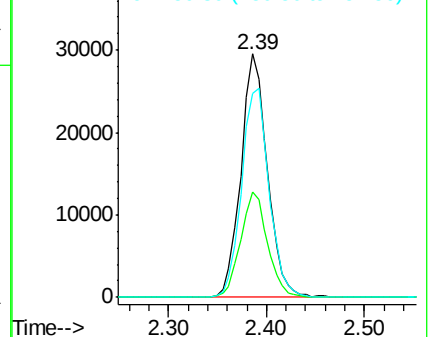
151 89.5 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.45 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

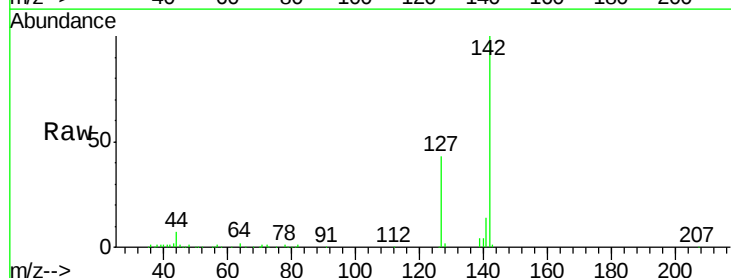
Tgt Ion:142 Resp: 47968

Ion Ratio Lower Upper

142 100

127 44.8 36.6 55.0

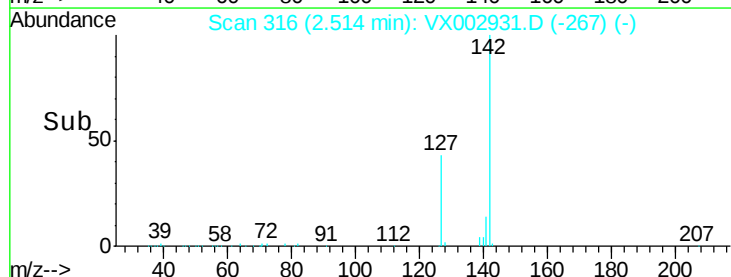
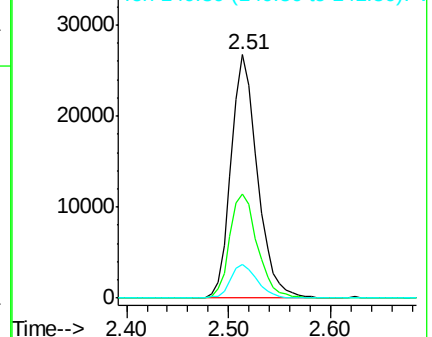
141 14.1 11.3 16.9

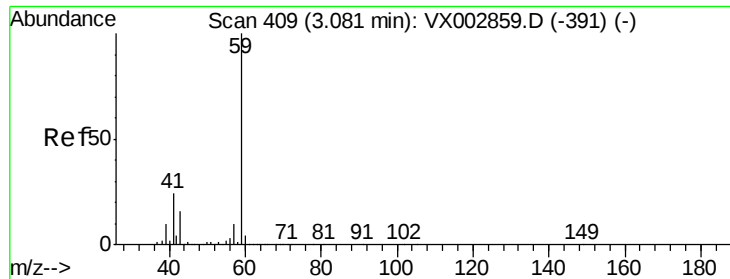


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

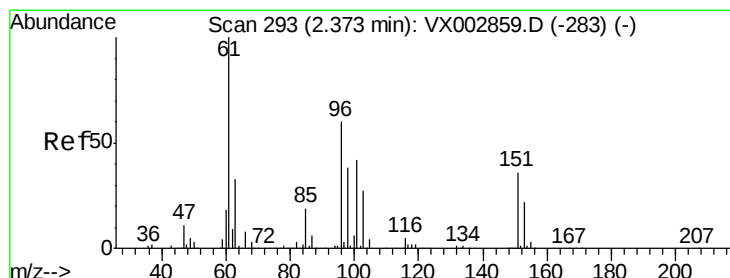
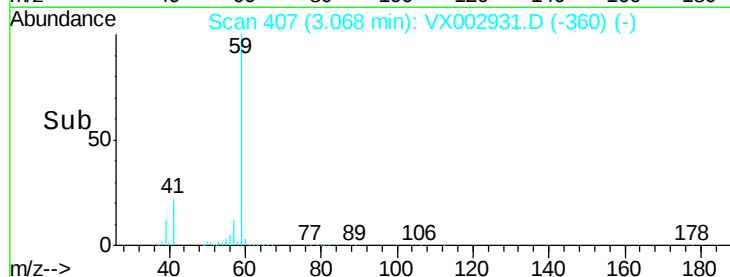
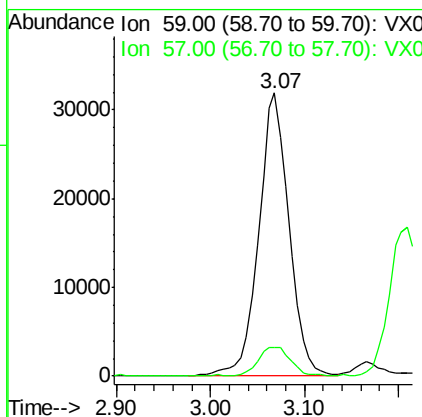
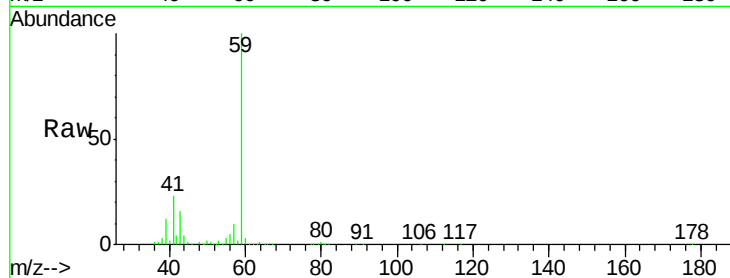




#11
Tert butyl alcohol
Concen: 99.67 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

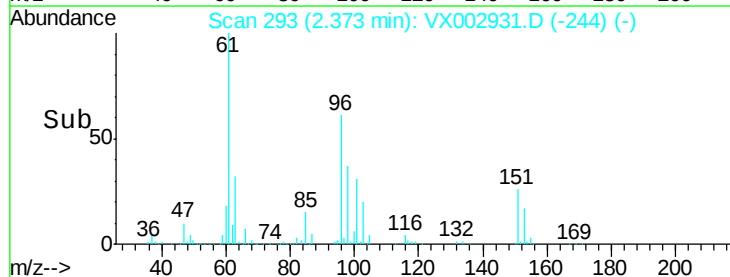
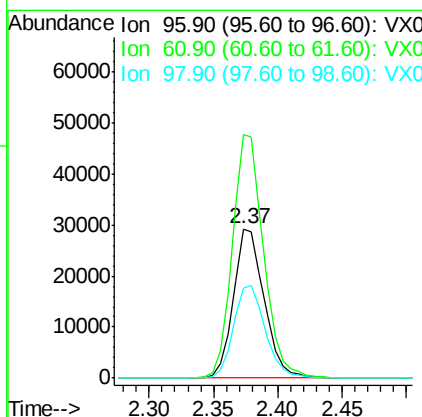
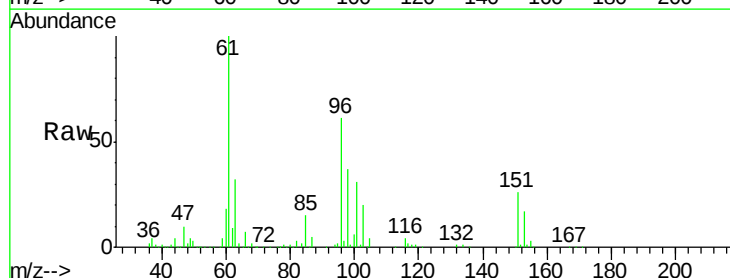
Instrument :
MSVOA_X
ClientSampleId :

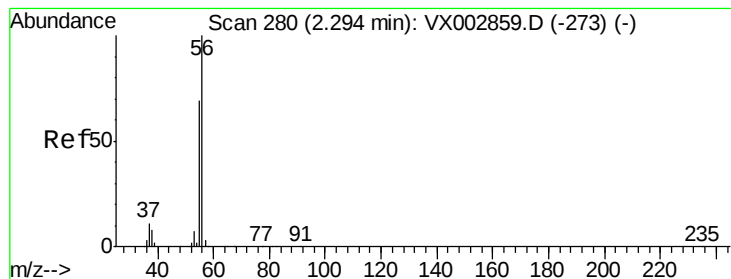
Tot Ion: 59 Resp: 72277
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.70 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion: 96 Resp: 48564
Ion Ratio Lower Upper
96 100
61 163.5 137.9 206.9
98 60.2 51.6 77.4





#13

Acrolein

Concen: 125.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

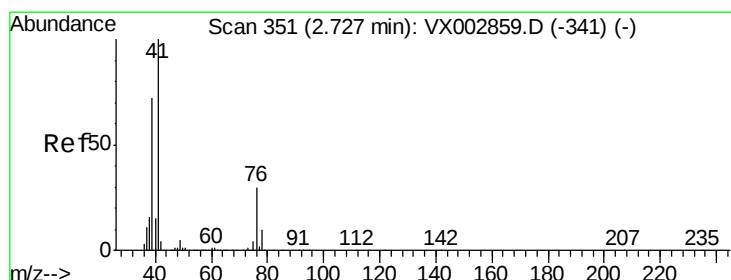
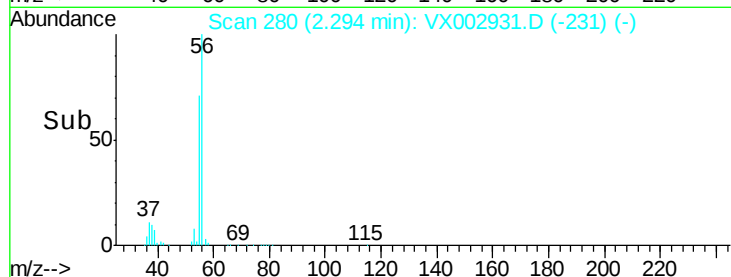
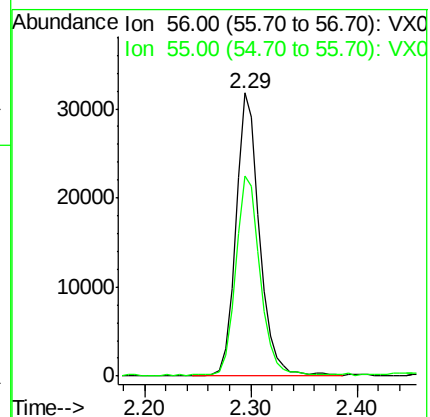
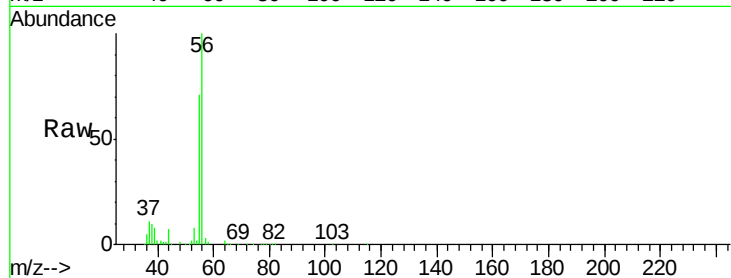
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 49393

Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.4



#14

Allyl chloride

Concen: 19.07 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

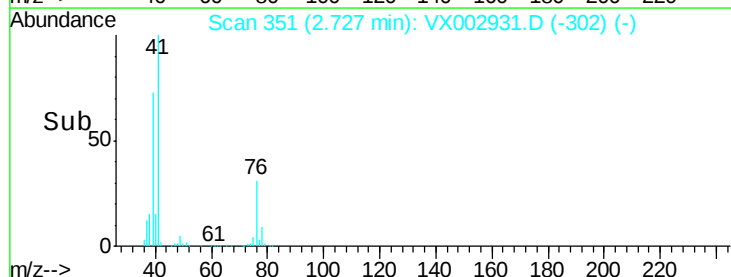
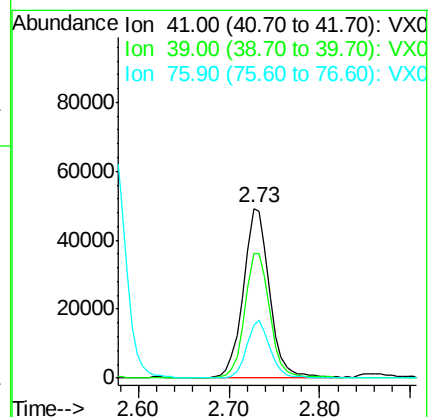
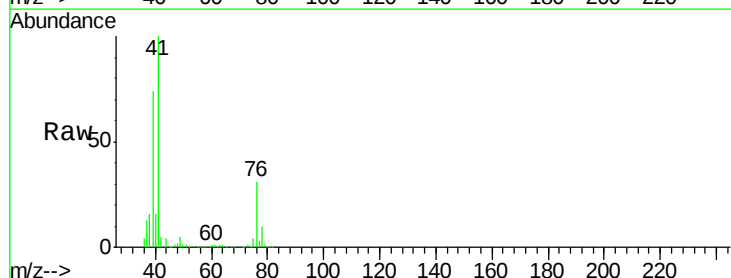
Tgt Ion: 41 Resp: 97629

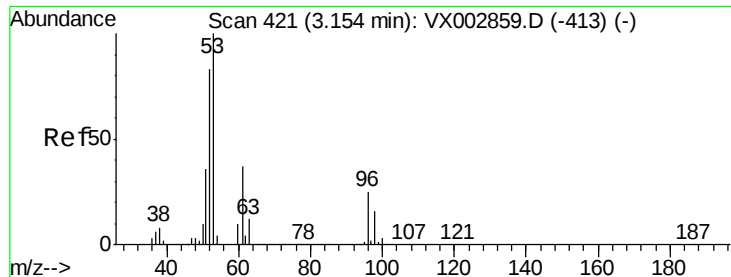
Ion Ratio Lower Upper

41 100

39 70.5 56.8 85.2

76 30.8 23.8 35.8





#15

Acrylonitrile

Concen: 98.89 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

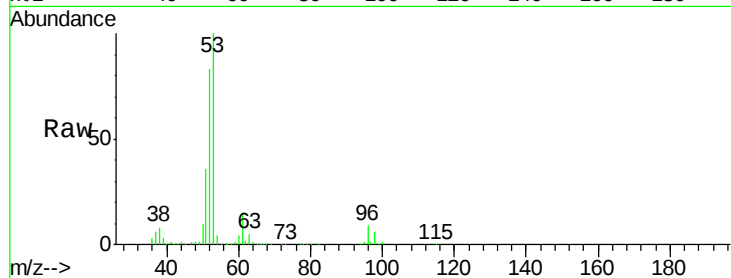
Tot Ion: 53 Resp: 153170

Ion Ratio Lower Upper

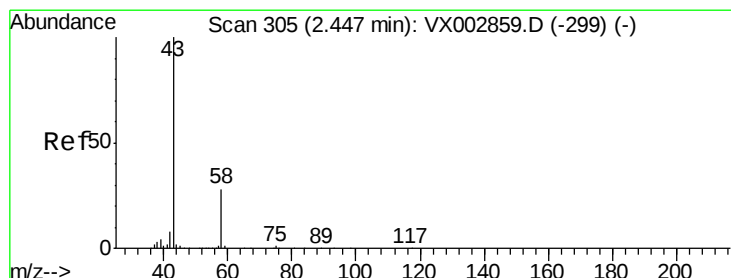
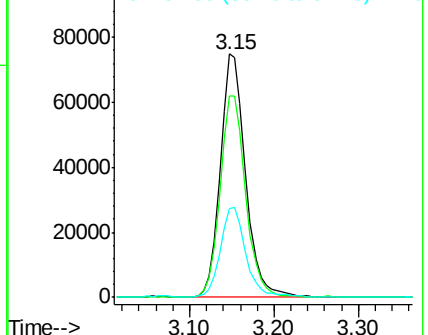
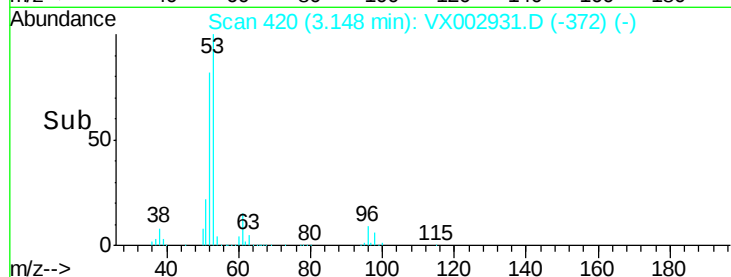
53 100

52 84.4 66.7 100.1

51 37.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX002931.D (-372) (-)



#16

Acetone

Concen: 105.01 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002931.D

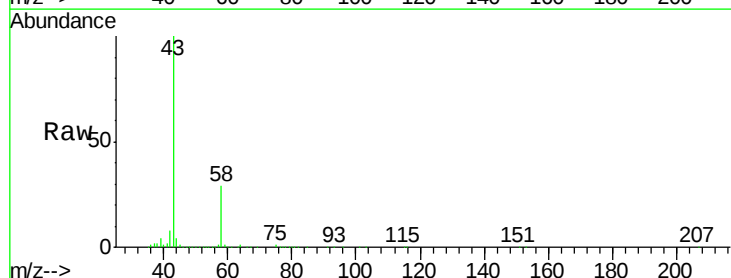
Acq: 27 Jun 2018 12:59

Tgt Ion: 43 Resp: 158293

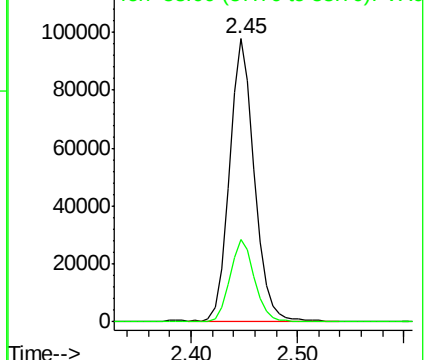
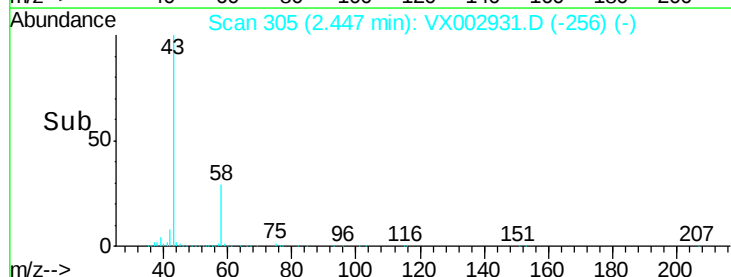
Ion Ratio Lower Upper

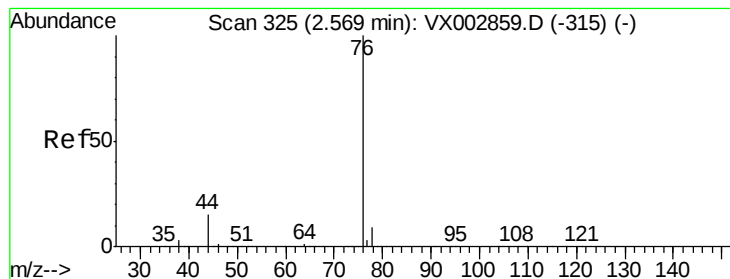
43 100

58 29.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX002931.D (-256) (-)





#17

Carbon Disulfide

Concen: 17.30 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

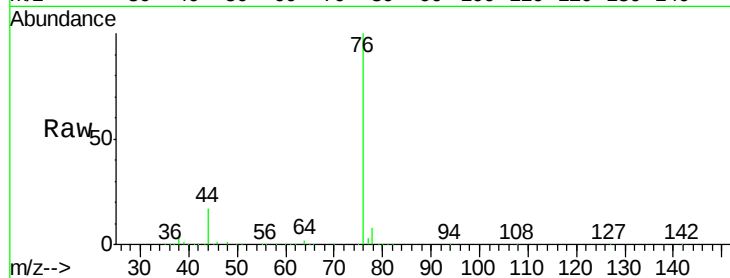
ClientSampleId :

Tot Ion: 76 Resp: 119728

Ion Ratio Lower Upper

76 100

78 8.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

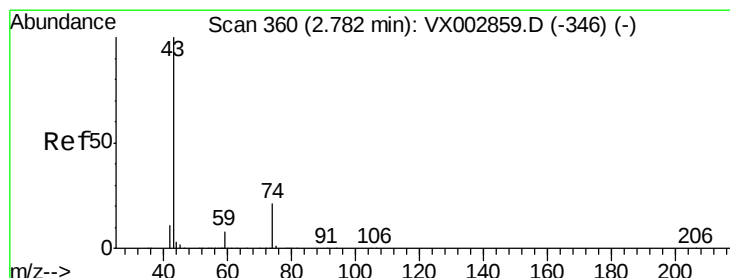
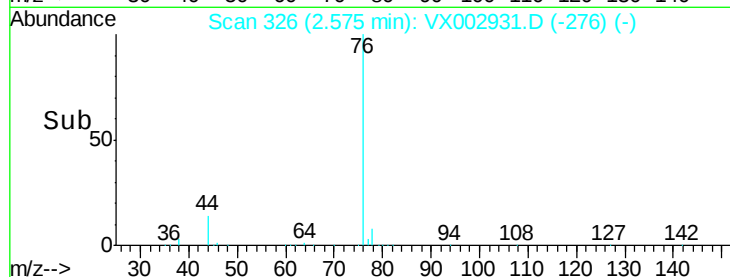
40000

20000

0

Time-->

2.50 2.55 2.60 2.65 2.70



#18

Methyl Acetate

Concen: 21.81 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002931.D

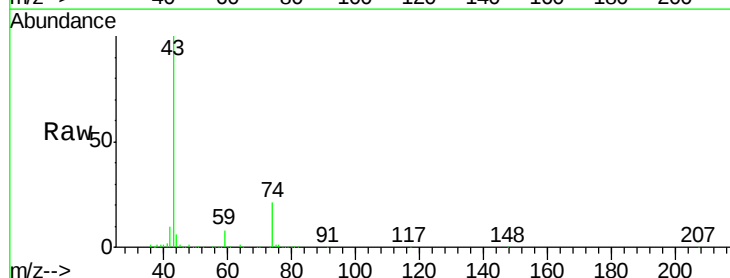
Acq: 27 Jun 2018 12:59

Tgt Ion: 43 Resp: 91923

Ion Ratio Lower Upper

43 100

74 21.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

60000

50000

40000

30000

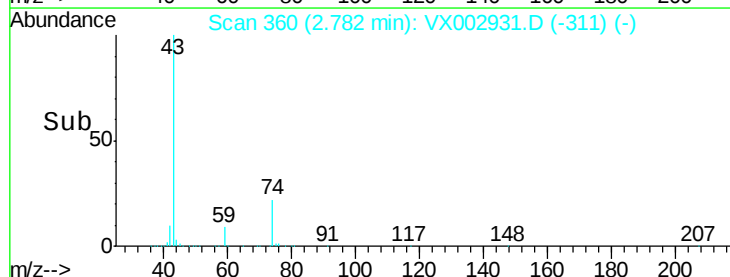
20000

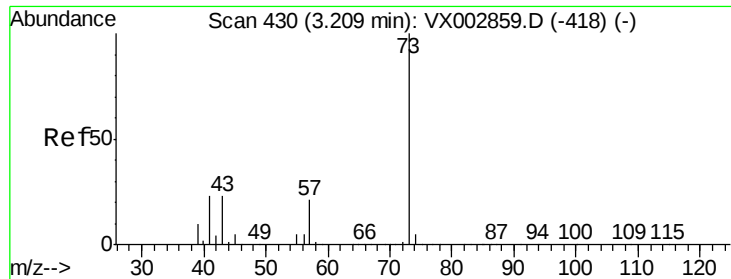
10000

0

Time-->

2.70 2.75 2.80 2.85 2.90



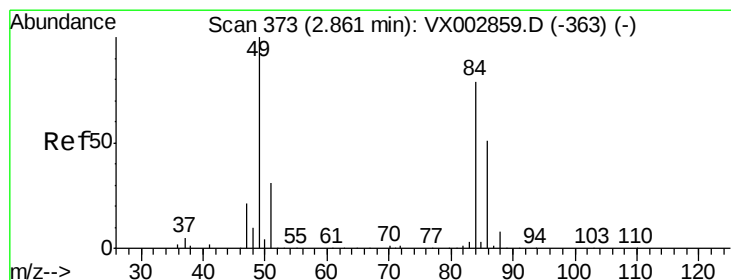
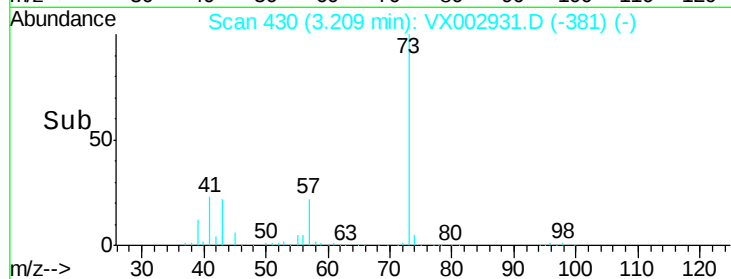
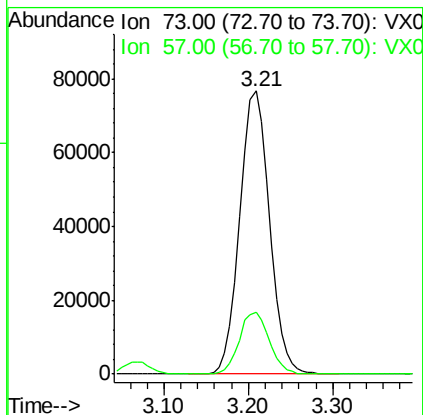
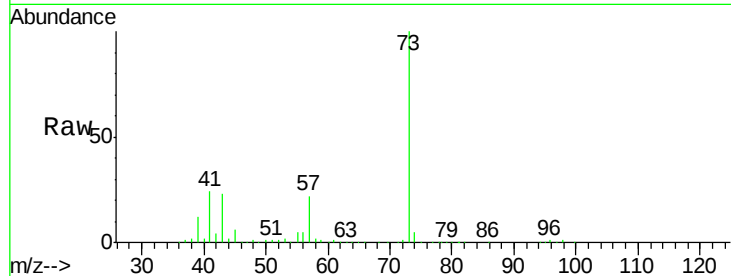


#19

Methyl tert-butyl Ether
 Concen: 19.56 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

Instrument :
 MSVOA_X
 ClientSampled :

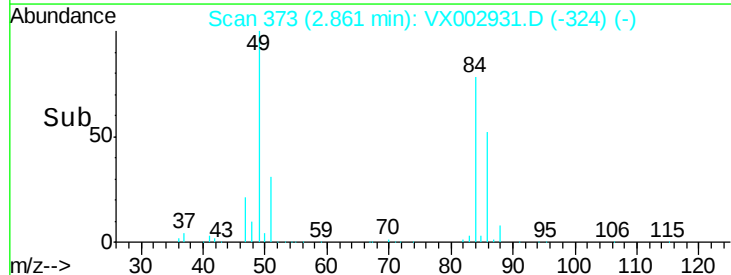
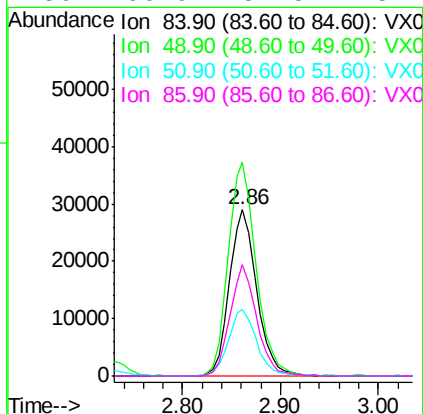
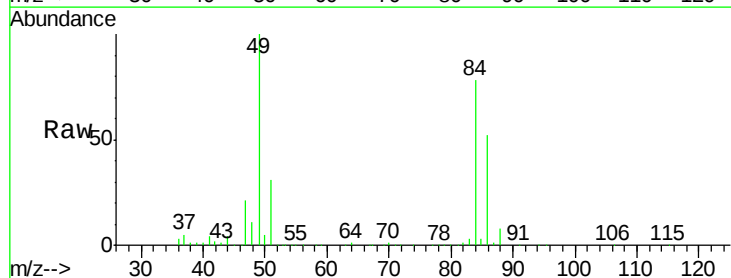
Tot Ion: 73 Resp: 182623
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.7 26.5

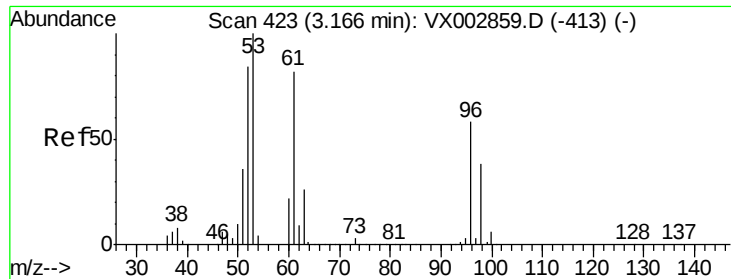


#20

Methylene Chloride
 Concen: 19.21 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

Tgt Ion: 84 Resp: 56357
 Ion Ratio Lower Upper
 84 100
 49 128.4 107.8 161.6
 51 39.4 32.8 49.2
 86 66.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.60 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampled :

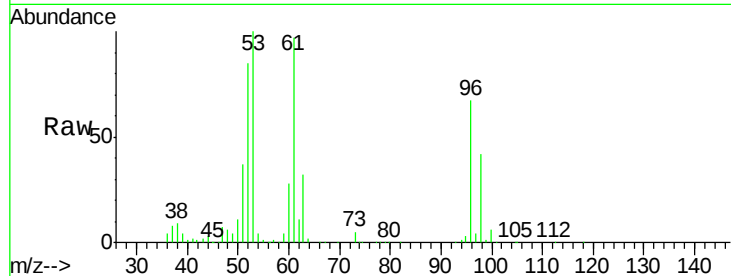
Tot Ion: 96 Resp: 52610

Ion Ratio Lower Upper

96 100

61 143.9 117.0 175.4

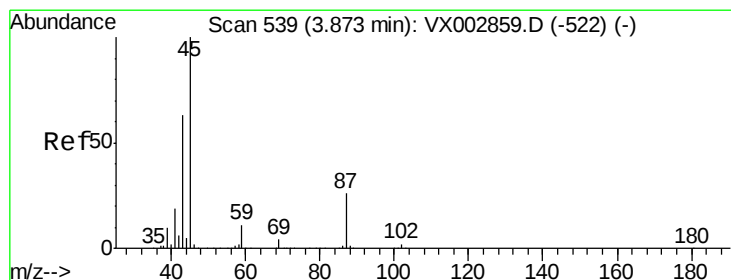
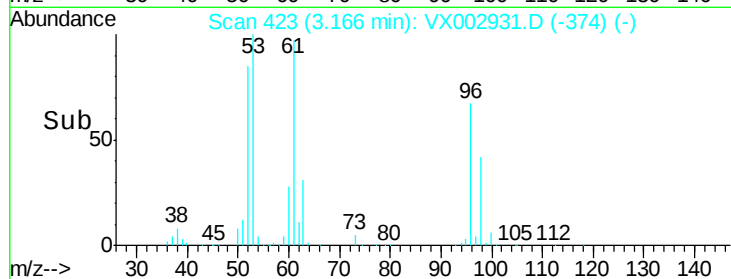
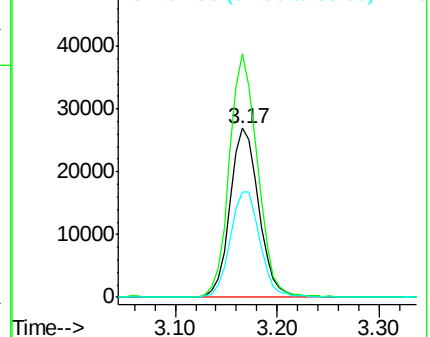
98 62.3 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.76 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Tgt Ion: 45 Resp: 193384

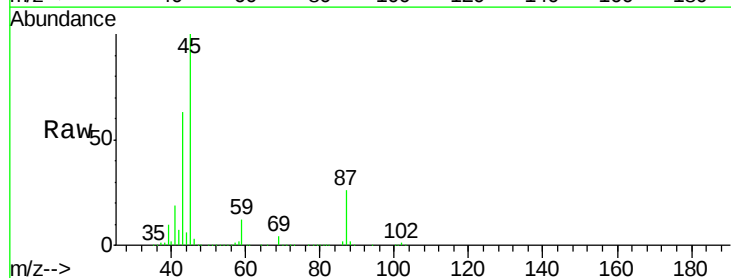
Ion Ratio Lower Upper

45 100

43 62.5 46.8 70.2

87 26.5 20.2 30.4

59 11.5 8.7 13.1

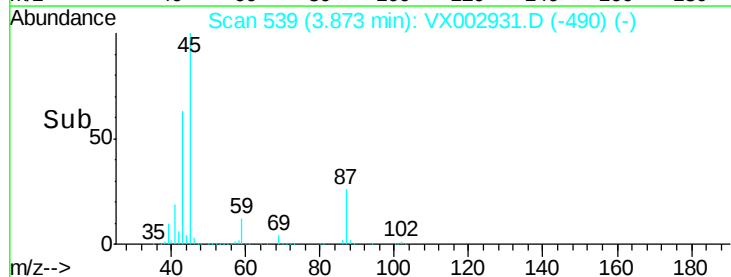
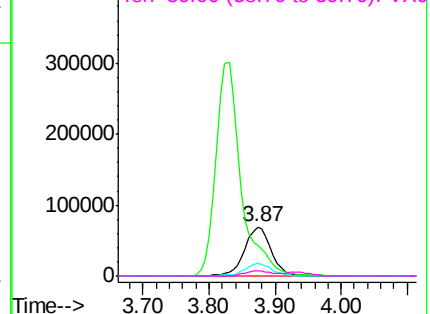


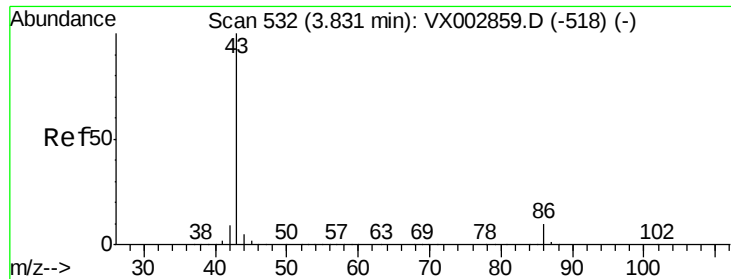
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.41 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

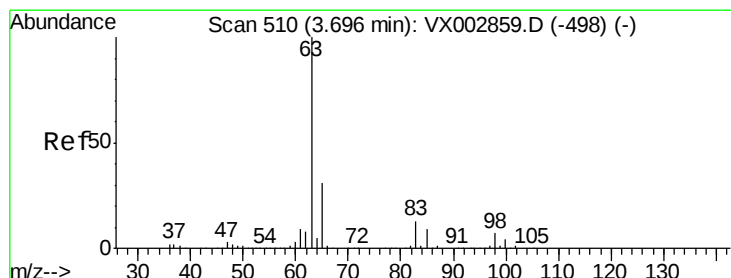
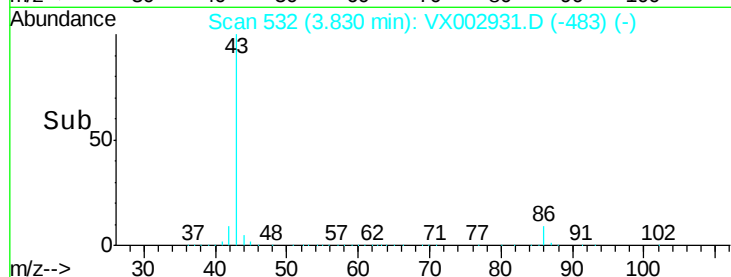
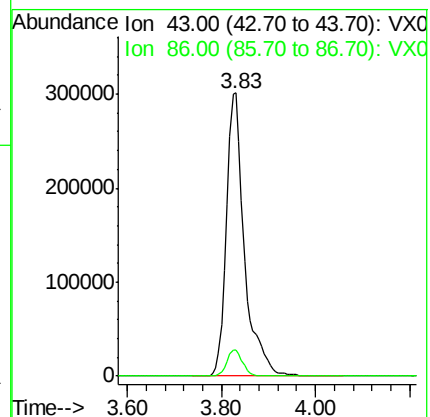
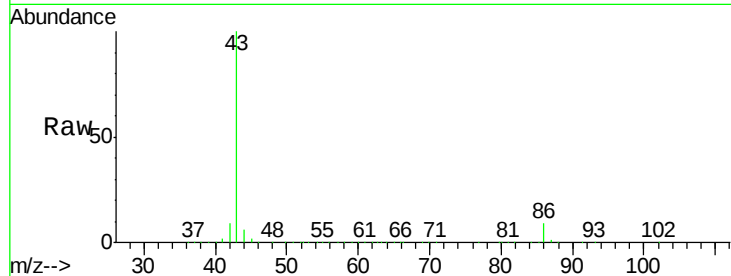
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 798946

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 19.49 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

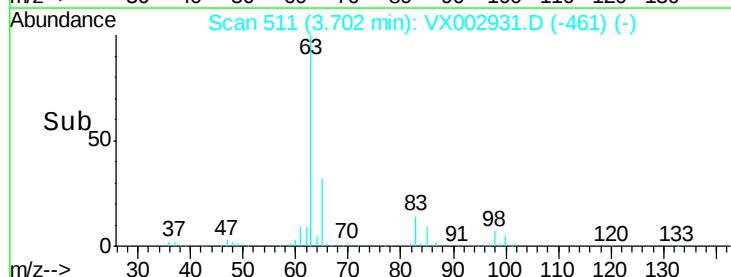
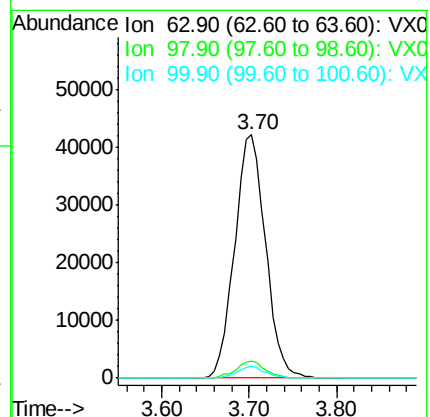
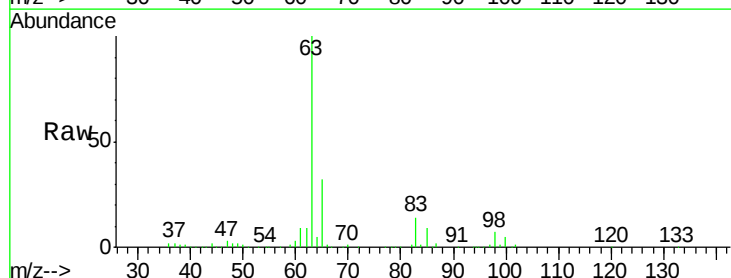
Tgt Ion: 63 Resp: 103649

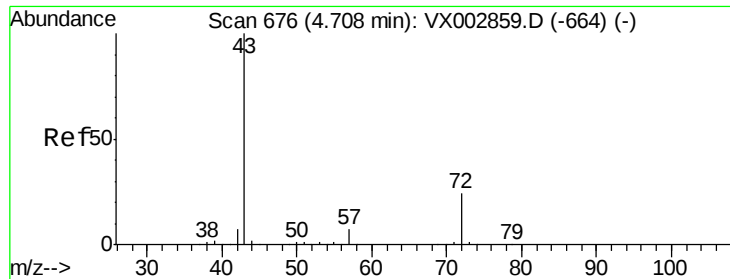
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.7 2.0 6.0





#25

2-Butanone

Concen: 101.18 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

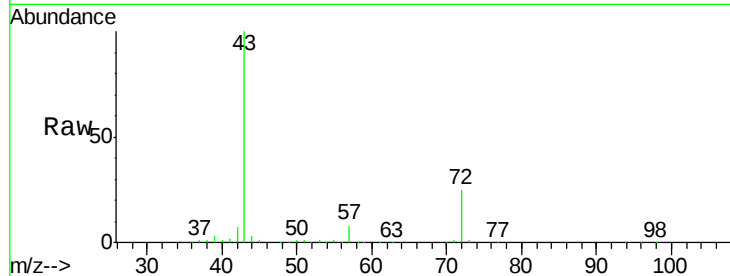
ClientSampleId :

Tot Ion: 43 Resp: 226358

Ion Ratio Lower Upper

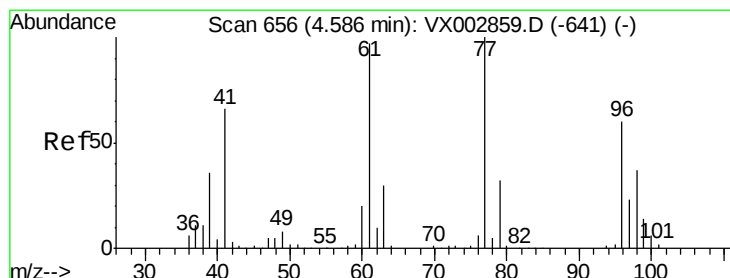
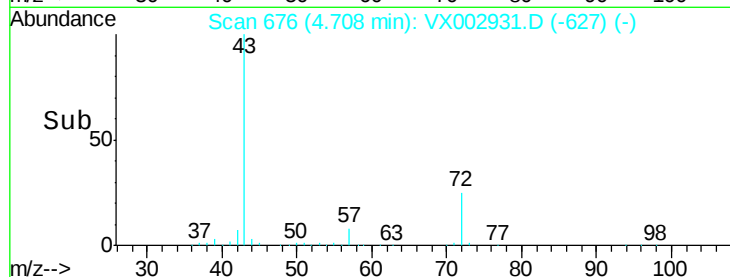
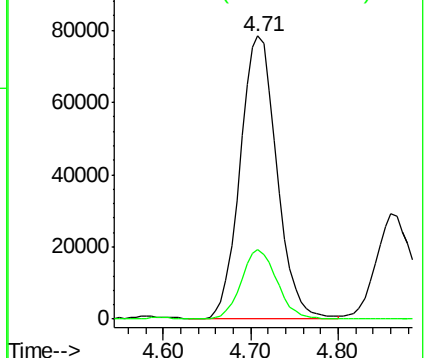
43 100

72 24.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.74 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002931.D

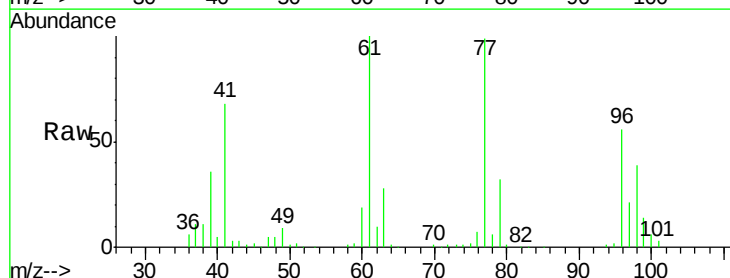
Acq: 27 Jun 2018 12:59

Tgt Ion: 77 Resp: 81042

Ion Ratio Lower Upper

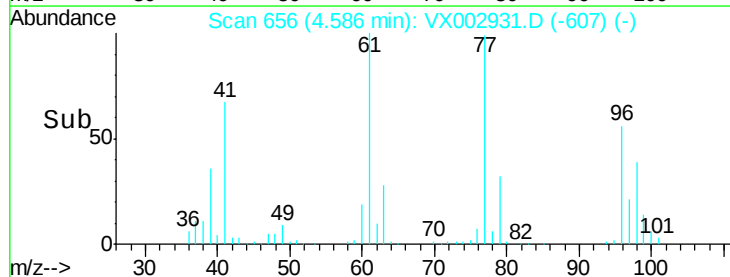
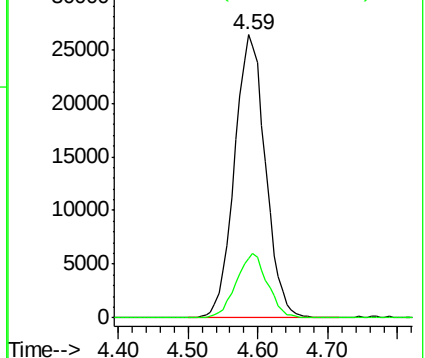
77 100

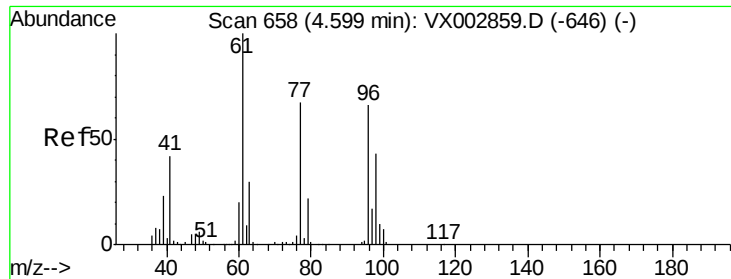
97 23.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.24 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :
MSVOA_X
ClientSampled :

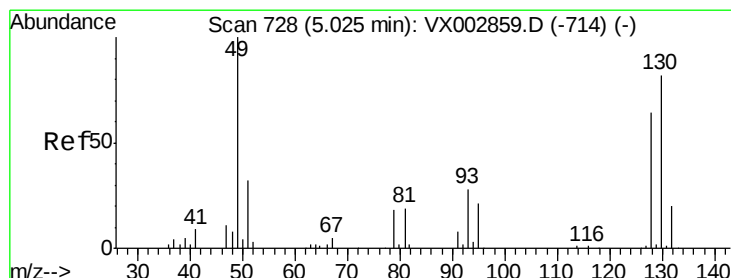
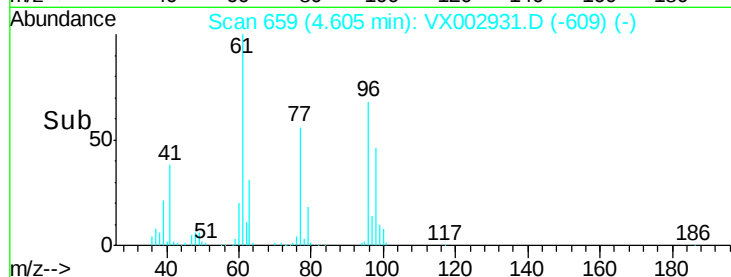
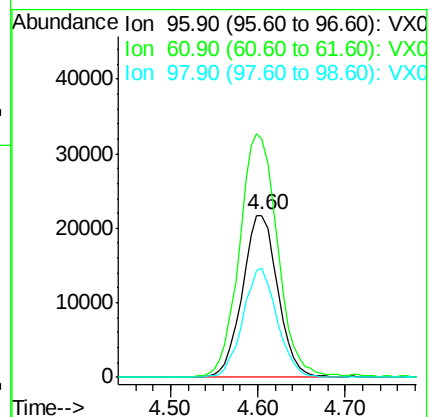
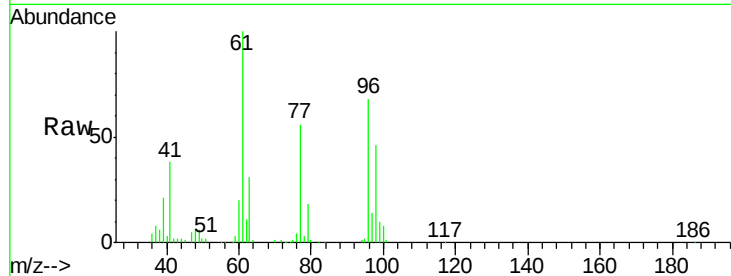
Tot Ion: 96 Resp: 61039

Ion Ratio Lower Upper

96 100

61 162.2 0.0 330.2

98 65.4 0.0 130.2



#28

Bromochloromethane

Concen: 20.82 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

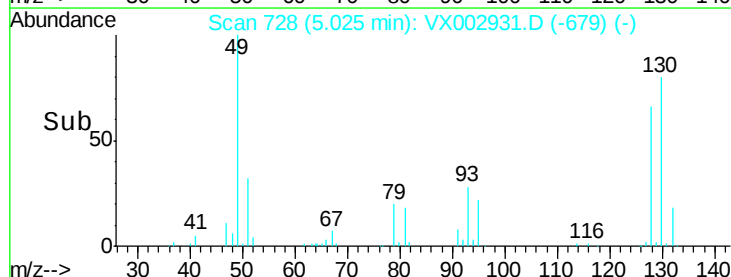
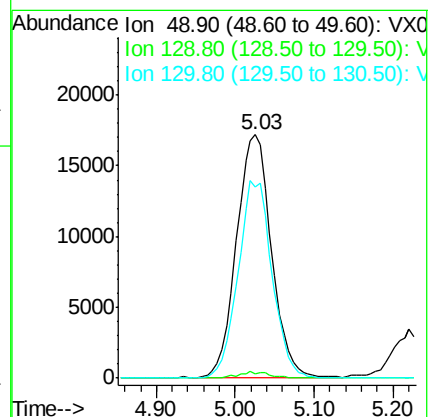
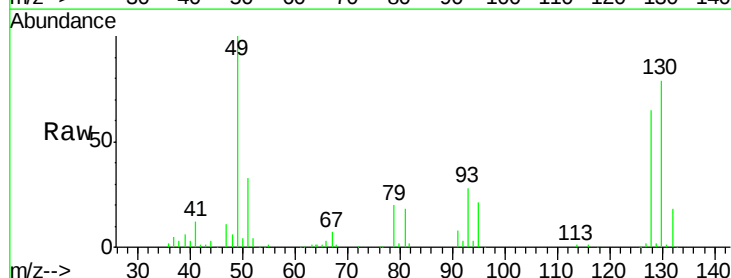
Tgt Ion: 49 Resp: 53020

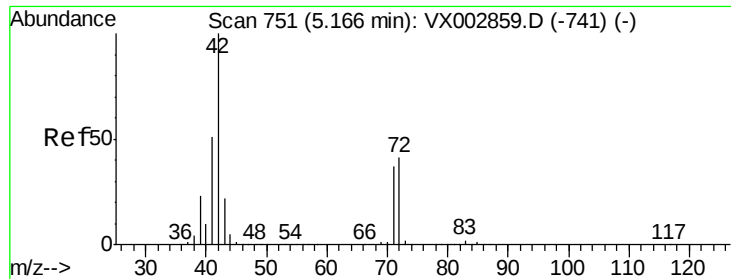
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 78.9 61.2 91.8

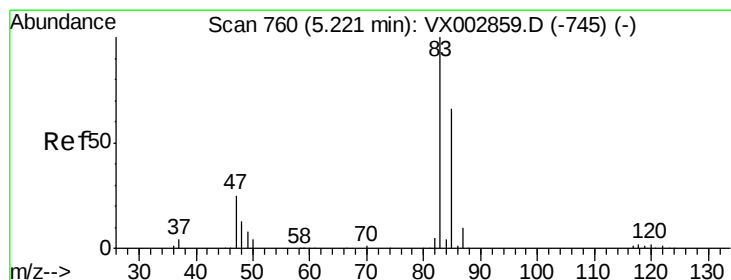
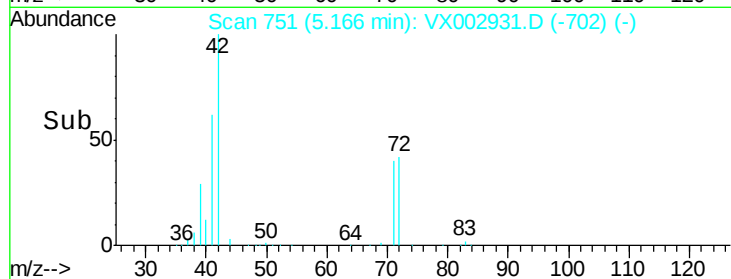
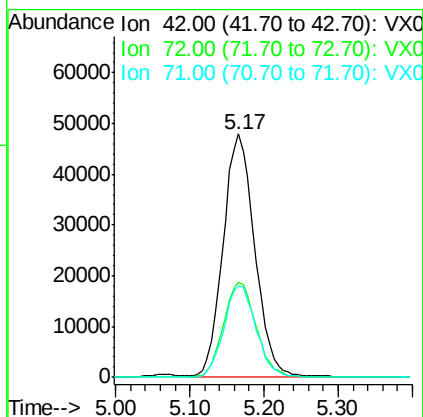
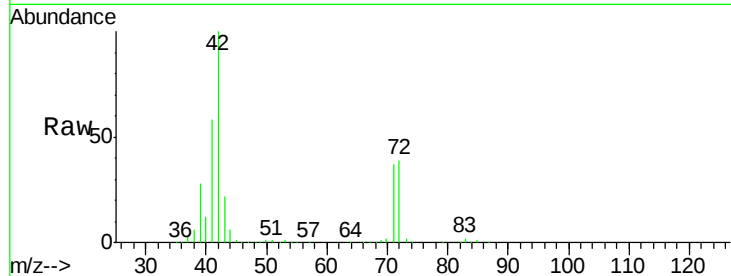




#29
Tetrahydrofuran
Concen: 98.63 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

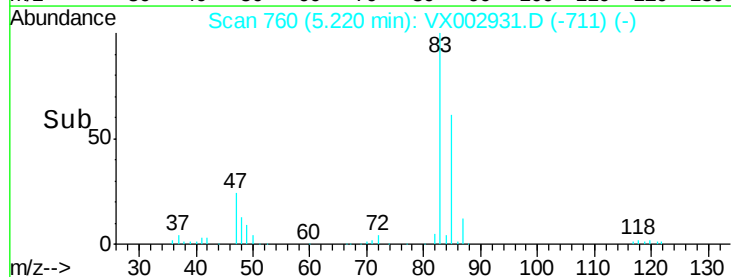
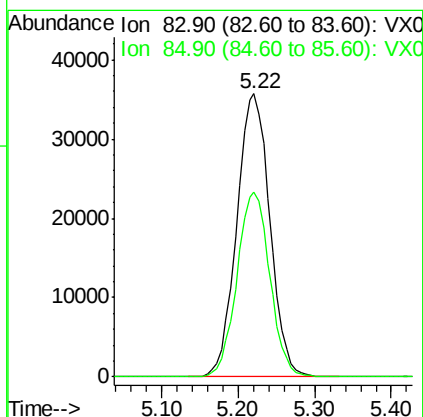
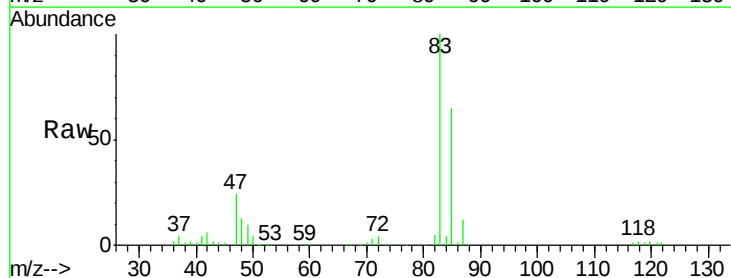
Instrument :
MSVOA_X
ClientSampled :

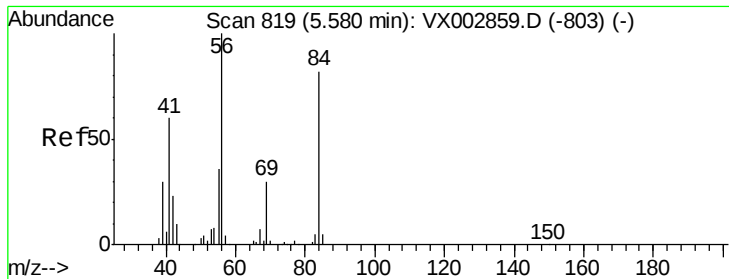
Tot Ion: 42 Resp: 141503
Ion Ratio Lower Upper
42 100
72 40.7 32.0 48.0
71 38.6 30.1 45.1



#30
Chloroform
Concen: 19.66 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion: 83 Resp: 107339
Ion Ratio Lower Upper
83 100
85 65.2 50.4 75.6





#31

Cyclohexane

Concen: 18.61 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

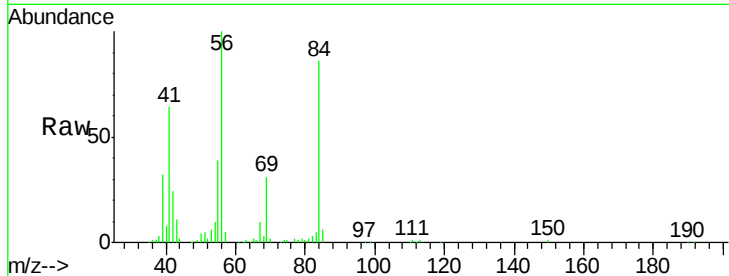
Tot Ion: 56 Resp: 84969

Ion Ratio Lower Upper

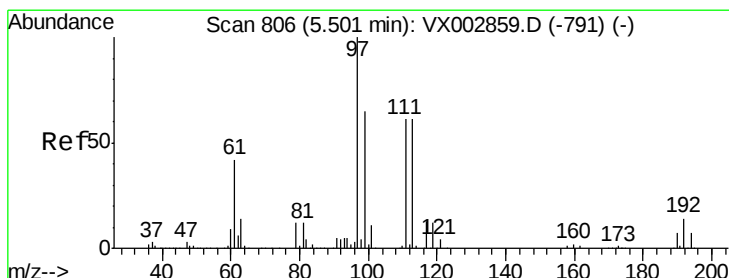
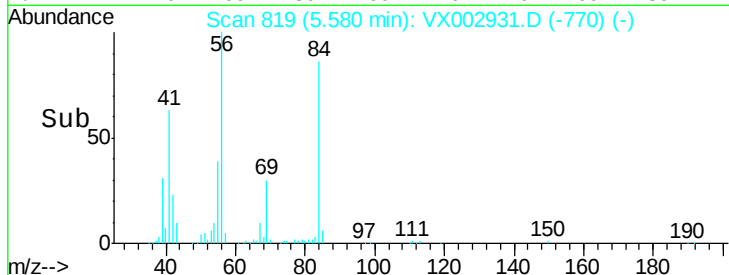
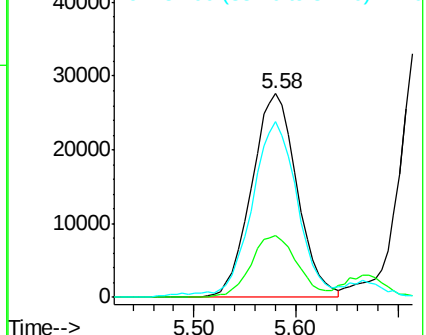
56 100

69 30.6 23.7 35.5

84 84.8 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.25 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

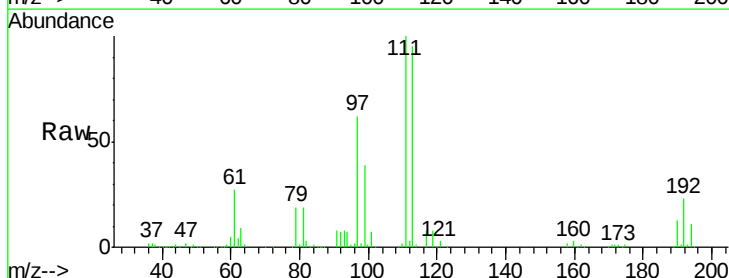
Tgt Ion: 97 Resp: 92461

Ion Ratio Lower Upper

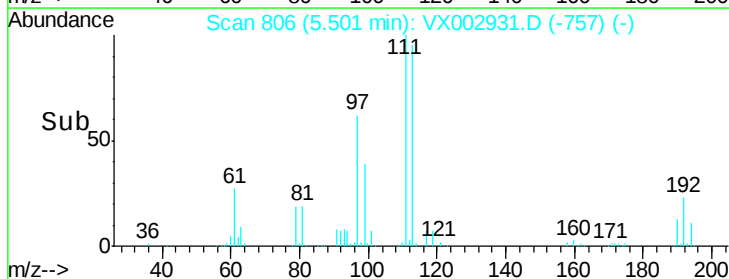
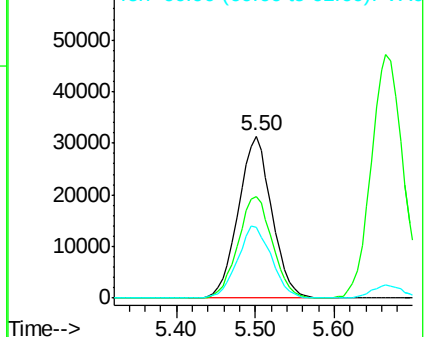
97 100

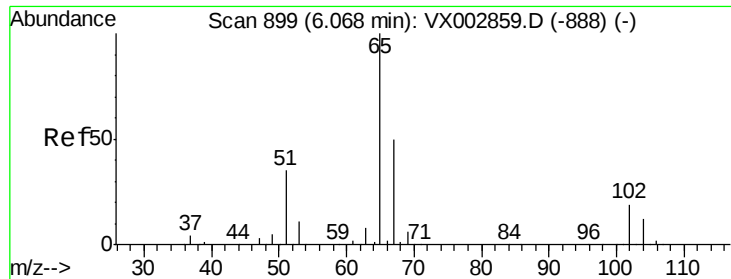
99 64.6 51.6 77.4

61 45.3 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.19 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

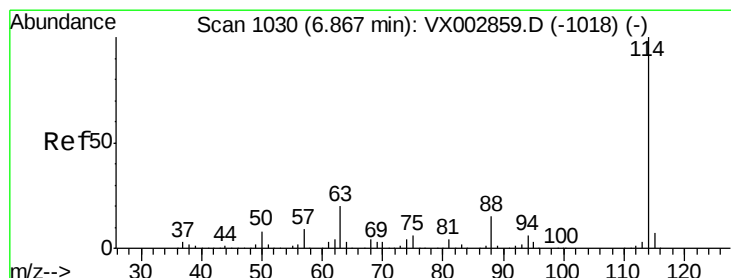
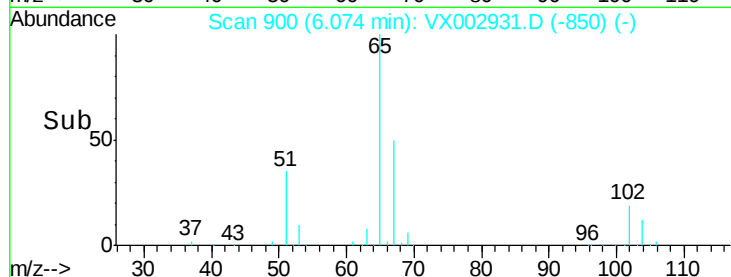
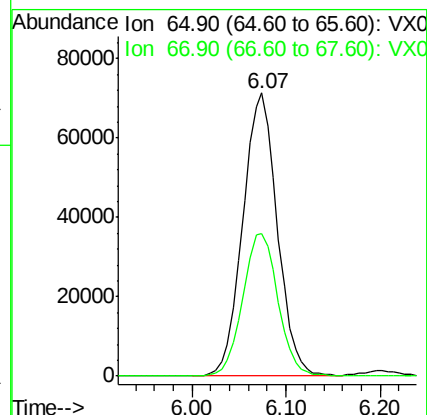
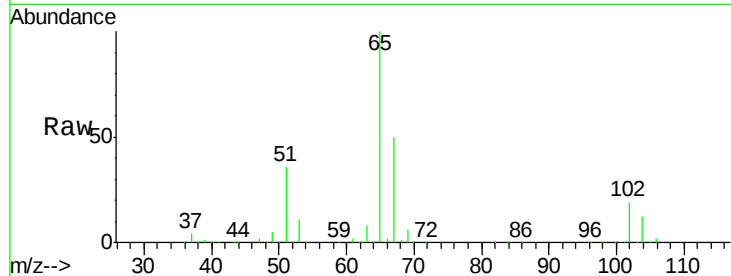
ClientSampleId :

Tot Ion: 65 Resp: 182683

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

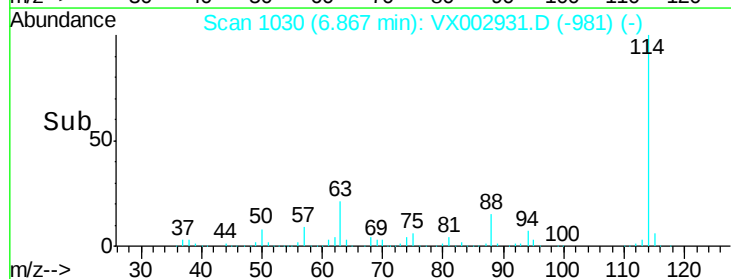
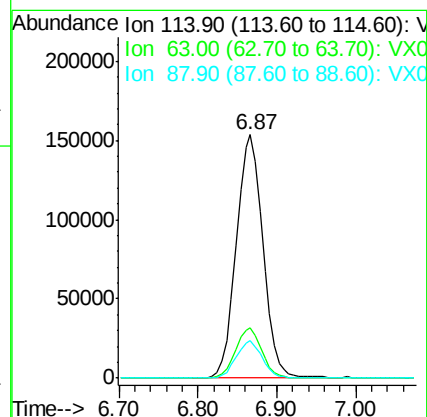
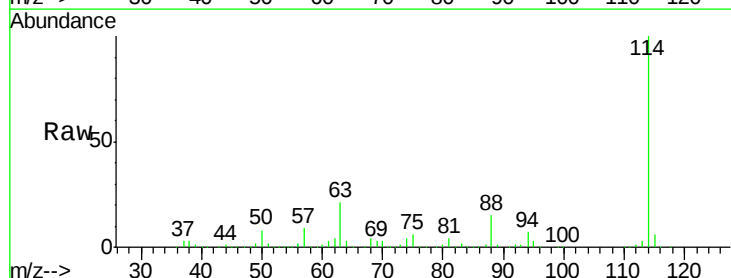
Tgt Ion: 114 Resp: 361213

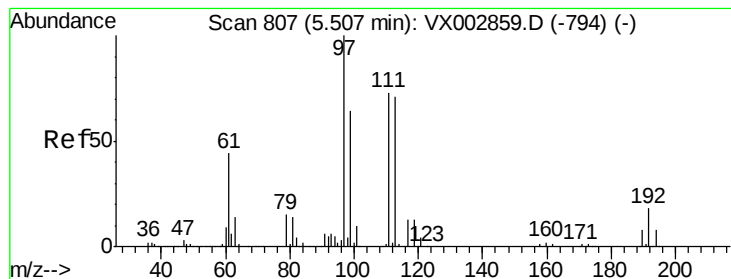
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.57 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

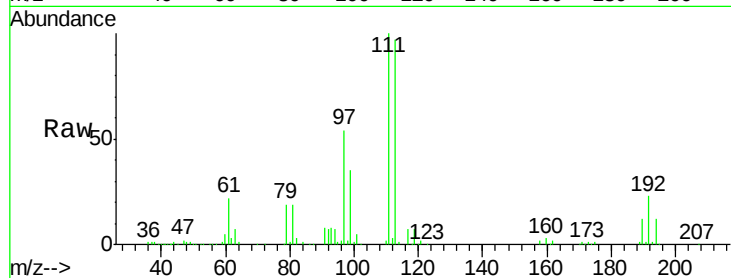
Tot Ion:113 Resp: 144668

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

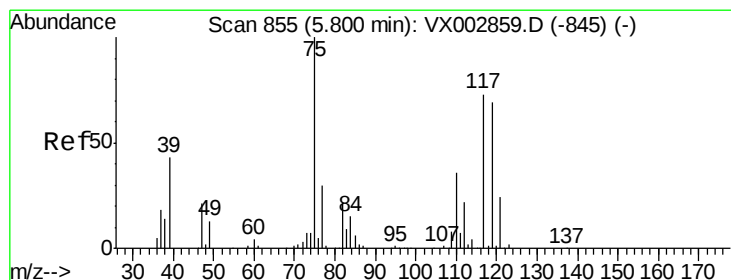
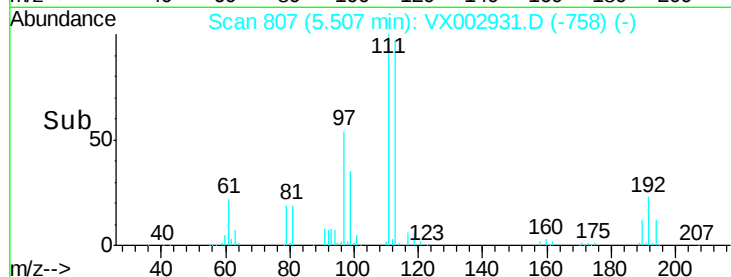
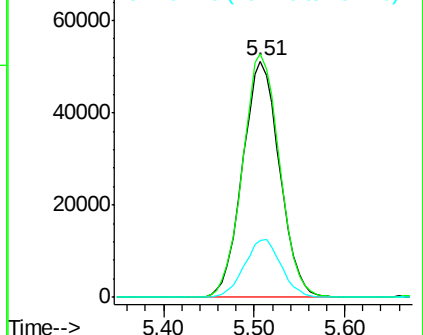
192 24.5 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.73 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

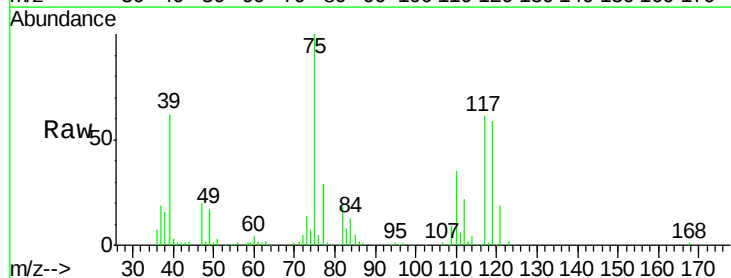
Tgt Ion: 75 Resp: 74199

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.4

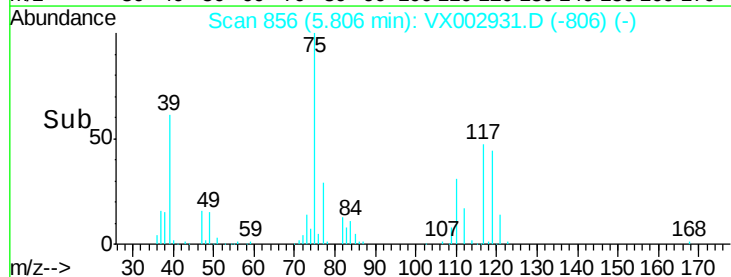
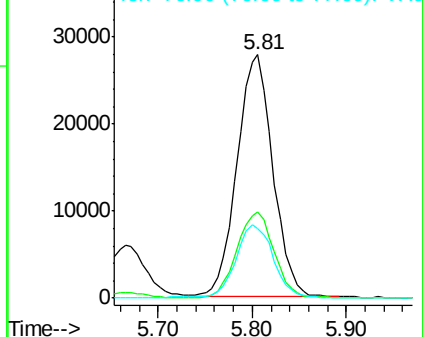
77 32.2 24.3 36.5

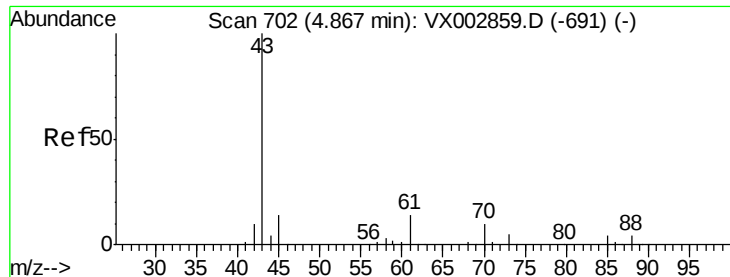


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

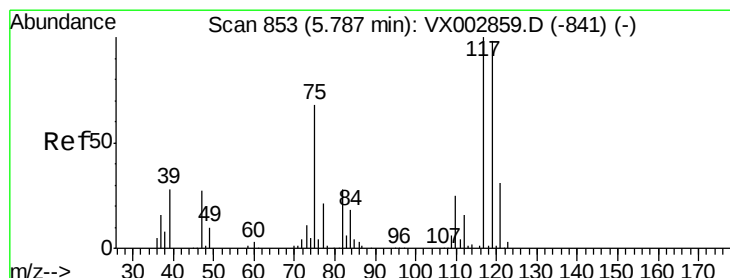
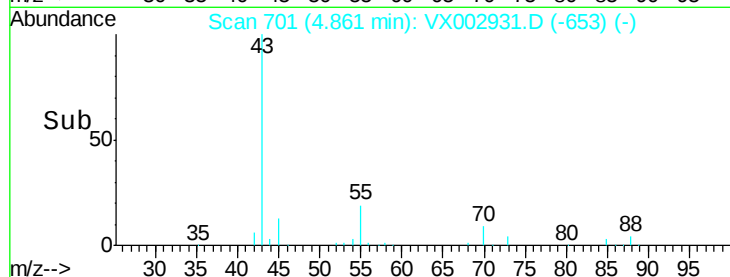
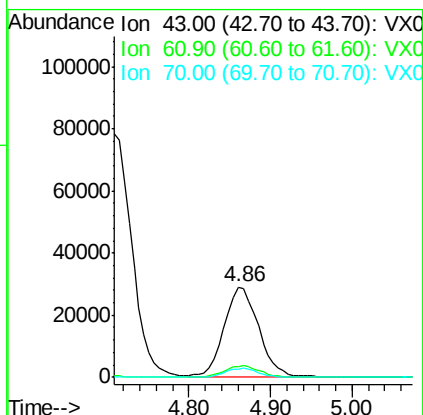
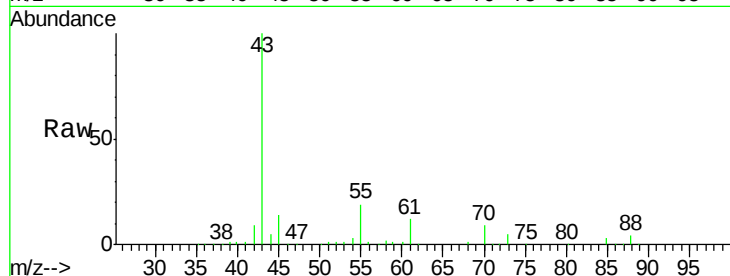




#37
Ethyl Acetate
Concen: 19.73 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

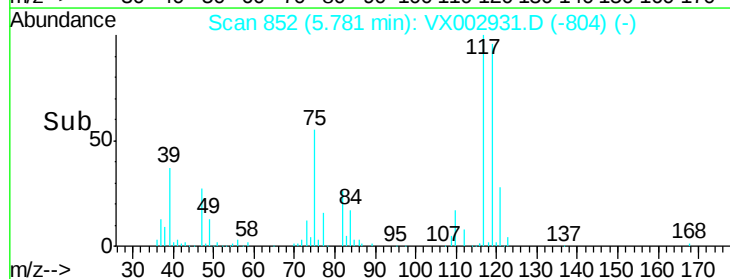
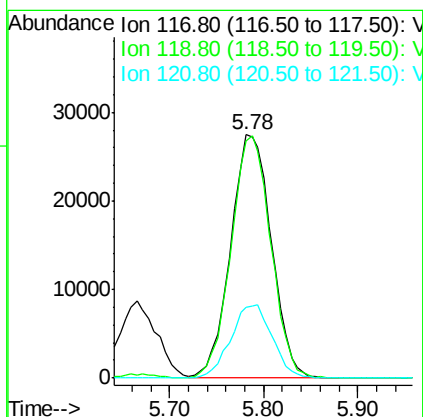
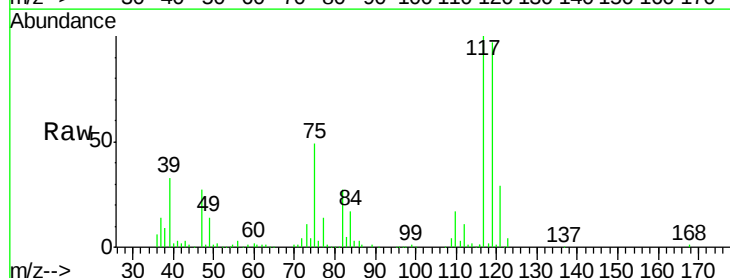
Instrument :
MSVOA_X
ClientSampled :

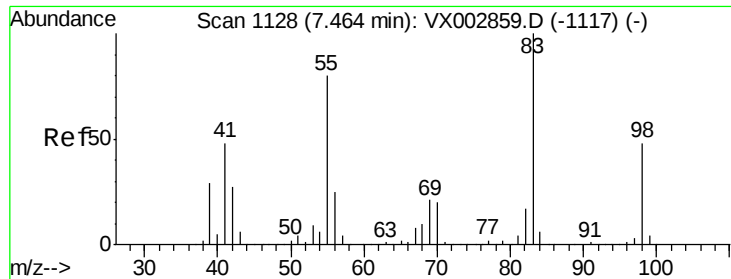
Tot Ion: 43 Resp: 84154
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 10.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.02 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion: 117 Resp: 82670
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
121 28.9 24.4 36.6

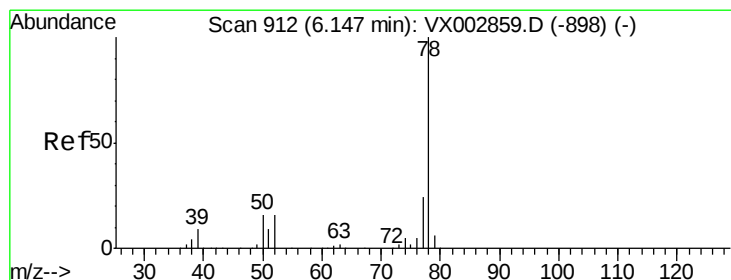
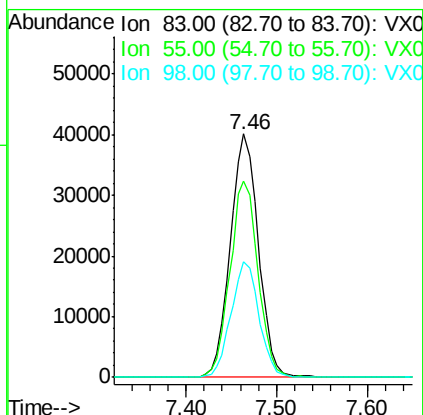
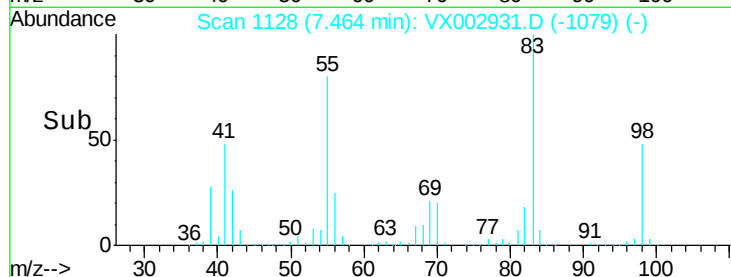
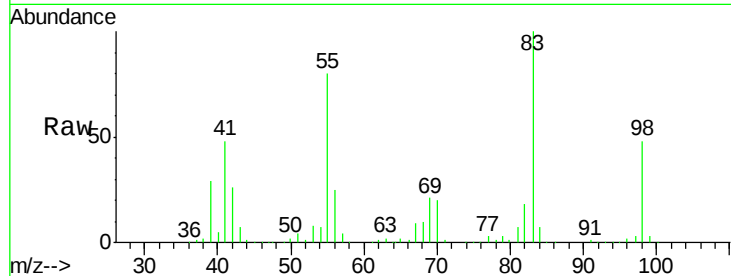




#39
Methvlcvclohexane
Concen: 18.75 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

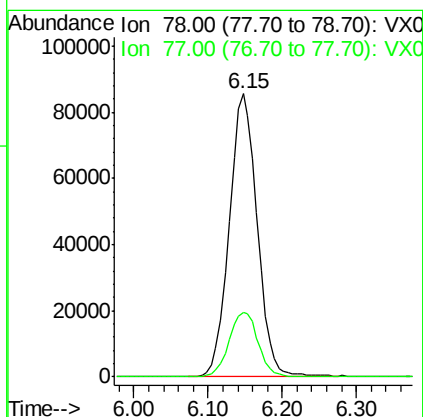
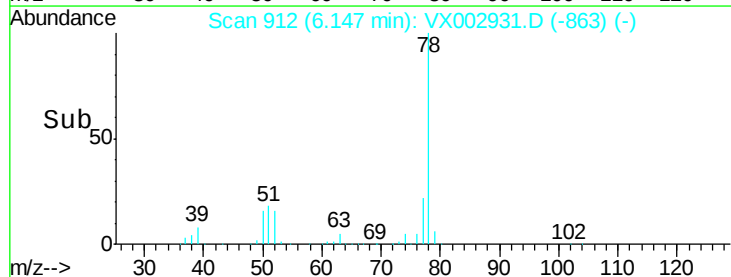
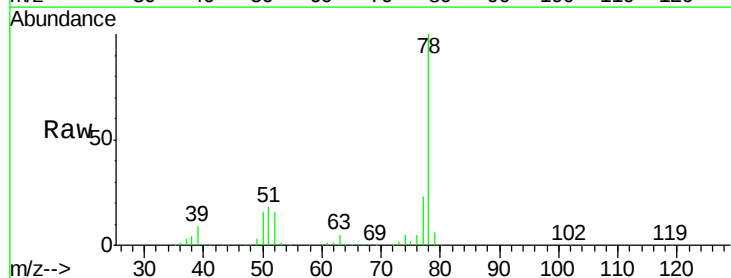
Instrument :
MSVOA_X
ClientSampled :

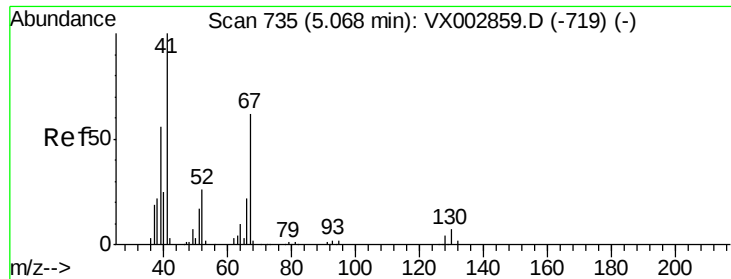
Tot Ion: 83 Resp: 86534
Ion Ratio Lower Upper
83 100
55 80.5 65.4 98.0
98 47.6 37.4 56.0



#40
Benzene
Concen: 19.56 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion: 78 Resp: 225180
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7

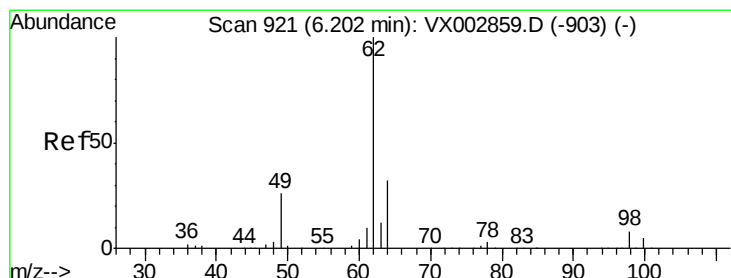
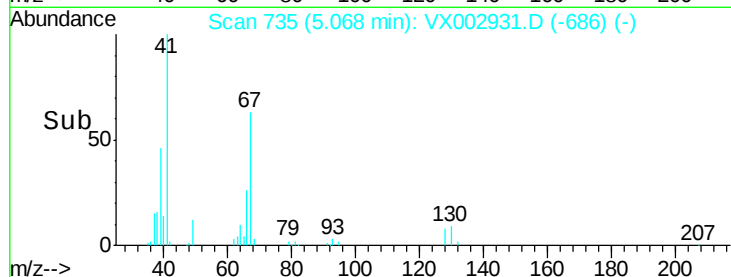
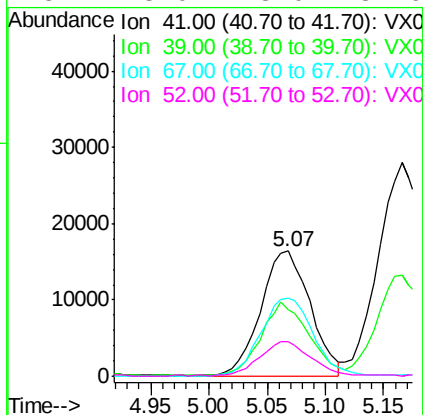
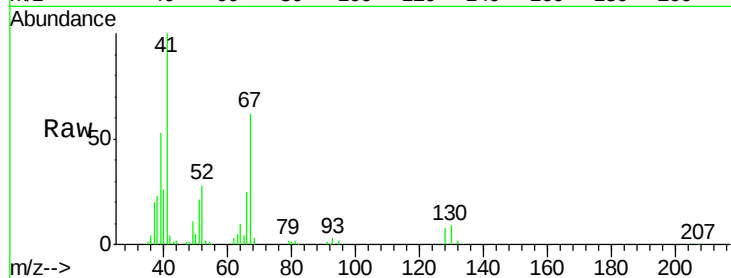




#41
Methacrylonitrile
Concen: 19.85 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

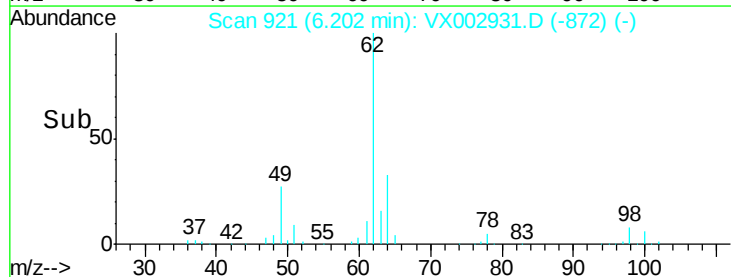
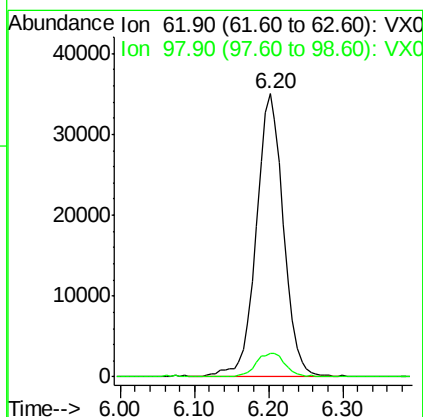
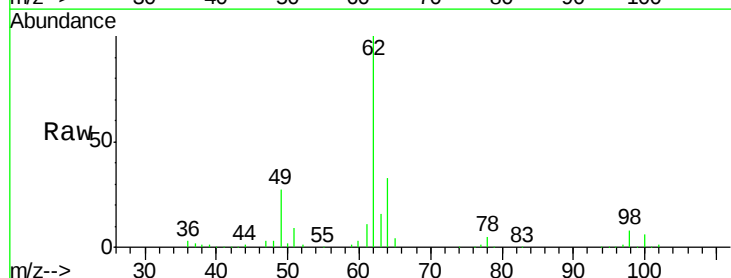
Instrument :
MSVOA_X
ClientSampled :

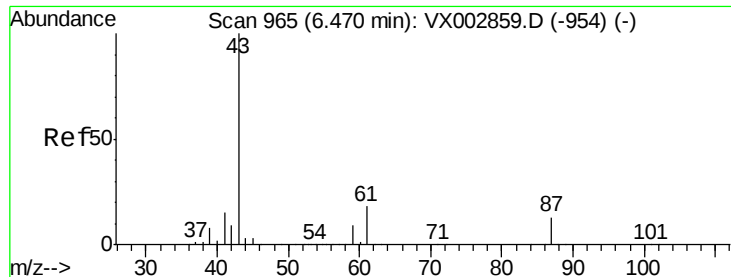
Tot Ion:	41	Resp:	48739
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.8	68.6
67	65.7	51.3	76.9
52	28.0	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.34 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion:	62	Resp:	89910
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6



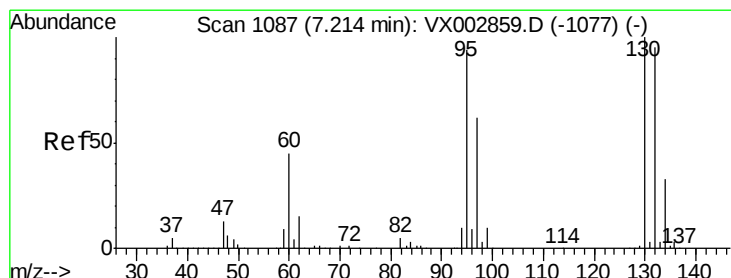
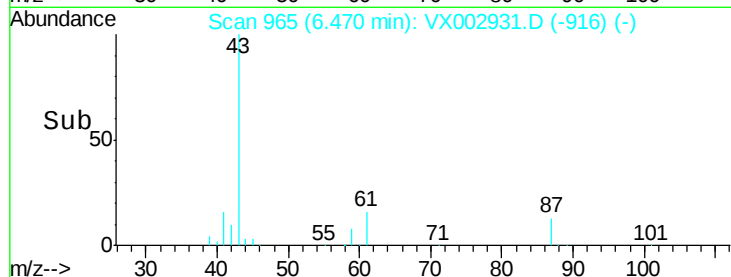
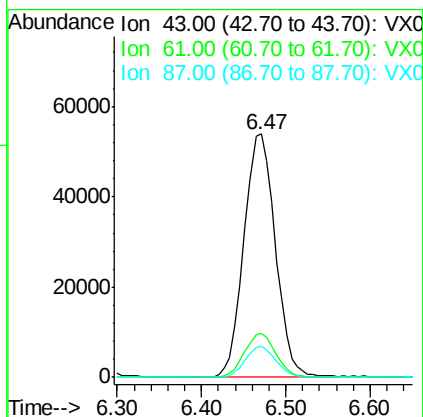
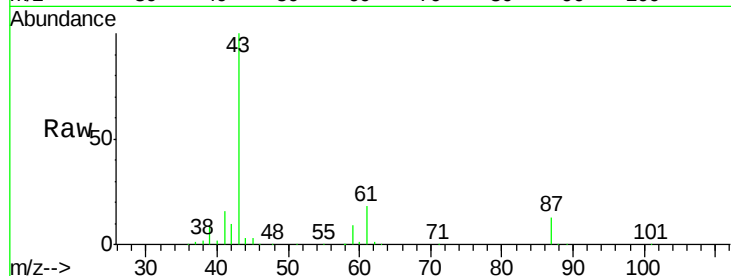


#43

Isopropyl Acetate
 Concen: 18.94 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

Instrument :
 MSVOA_X
 ClientSampleId :

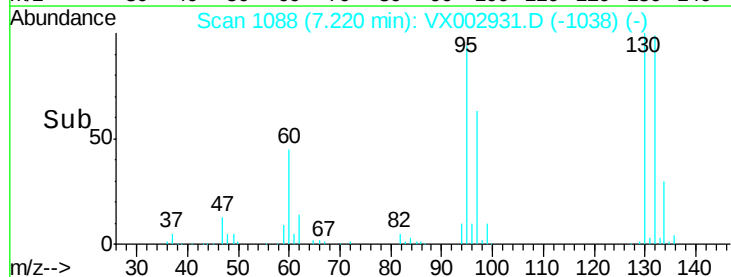
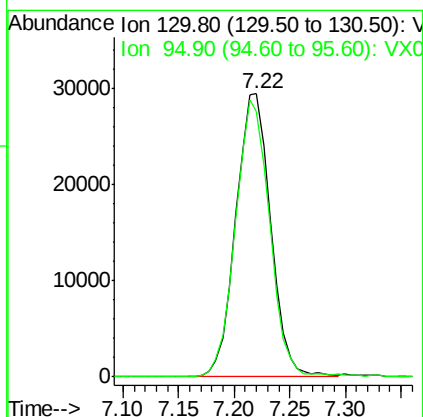
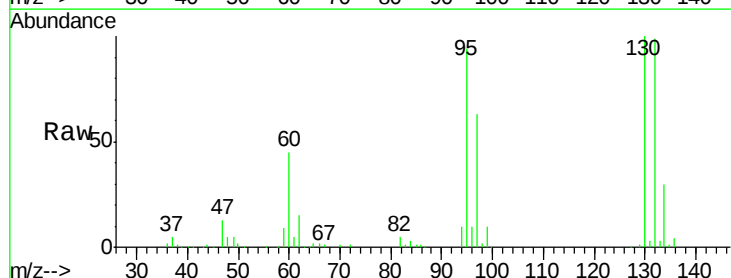
Tot Ion: 43 Resp: 135445
 Ion Ratio Lower Upper
 43 100
 61 18.2 14.4 21.6
 87 12.5 9.5 14.3

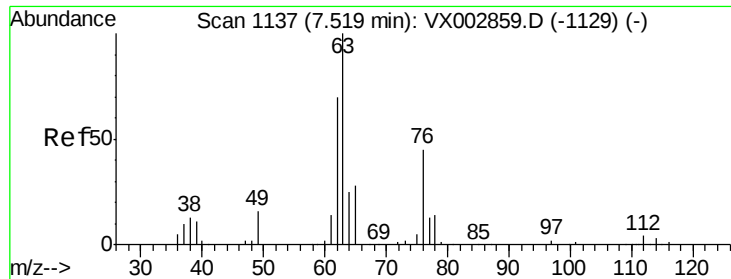


#44

Trichloroethene
 Concen: 18.64 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

Tgt Ion:130 Resp: 63960
 Ion Ratio Lower Upper
 130 100
 95 93.9 0.0 185.4

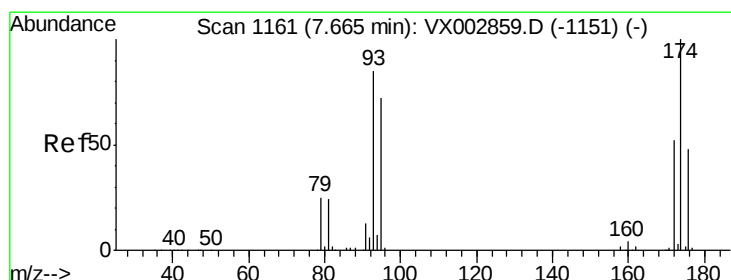
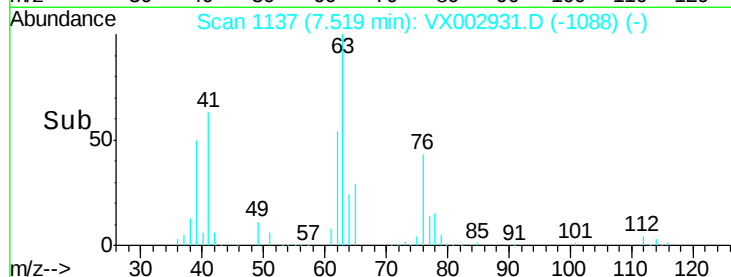
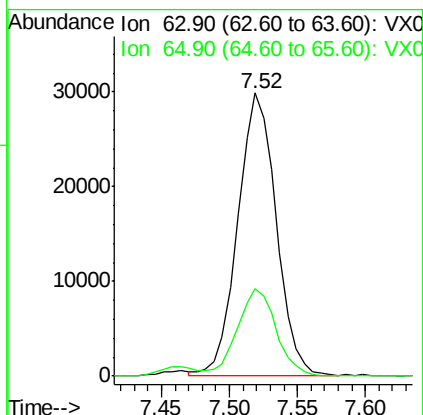
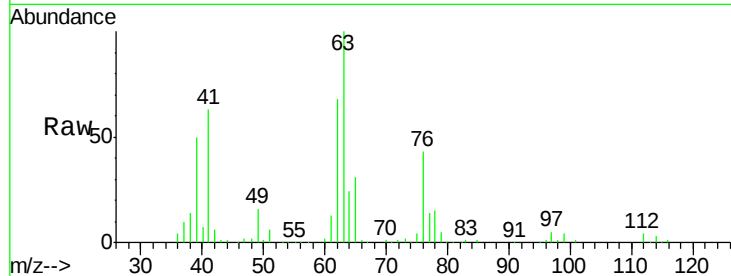




#45
1,2-Dichloropropane
Concen: 19.32 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

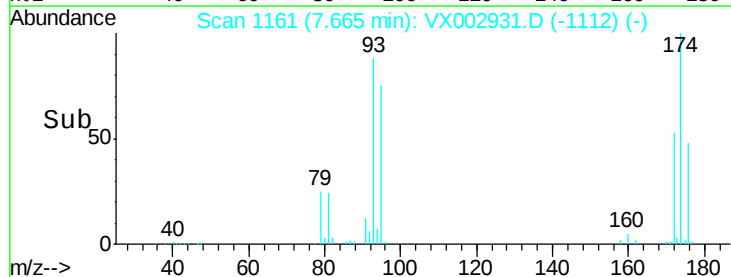
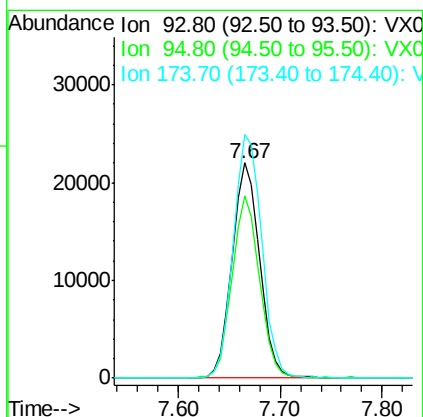
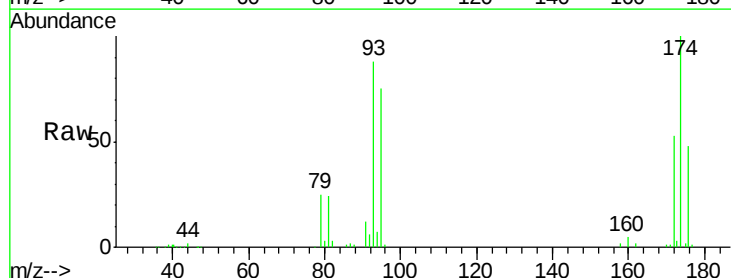
Instrument :
MSVOA_X
ClientSampleId :

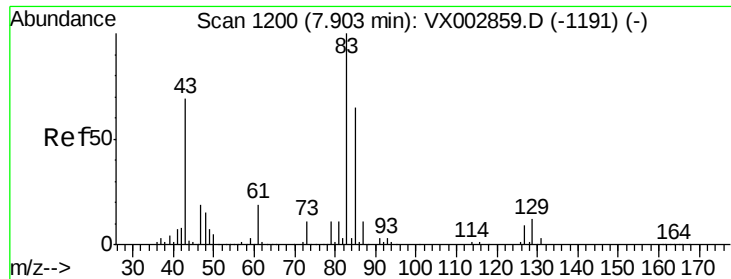
Tot Ion: 63 Resp: 58984
Ion Ratio Lower Upper
63 100
65 30.8 24.7 37.1



#46
Dibromomethane
Concen: 19.41 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion: 93 Resp: 41131
Ion Ratio Lower Upper
93 100
95 83.9 65.9 98.9
174 116.9 92.4 138.6





#47

Bromodichloromethane

Concen: 19.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampled :

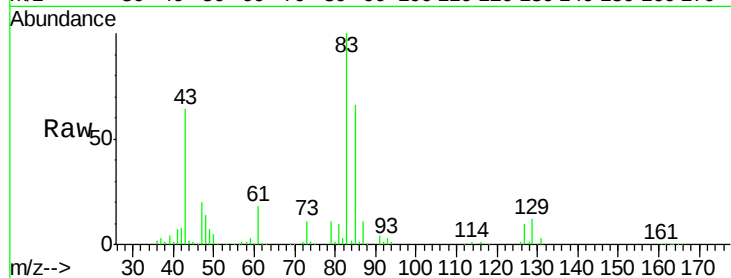
Tot Ion: 83 Resp: 76447

Ion Ratio Lower Upper

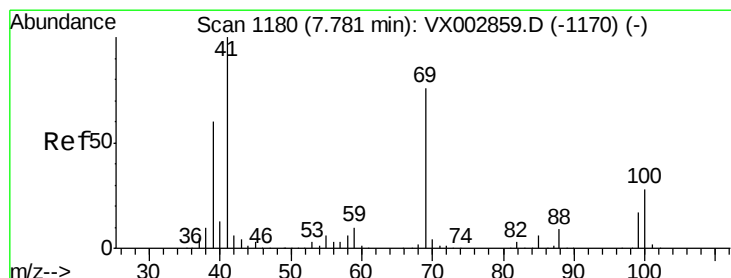
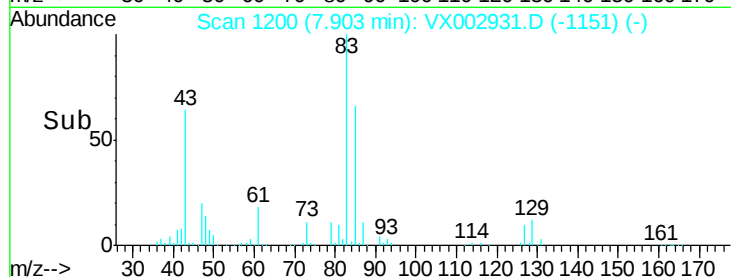
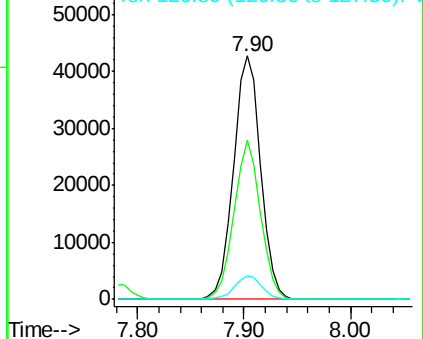
83 100

85 65.6 50.3 75.5

127 9.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.57 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

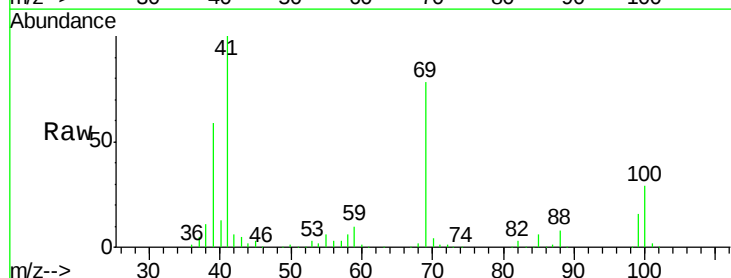
Tgt Ion: 41 Resp: 72139

Ion Ratio Lower Upper

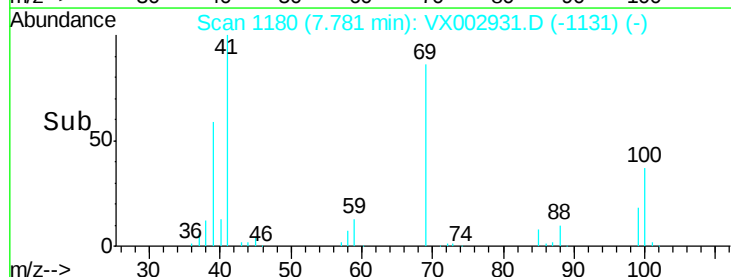
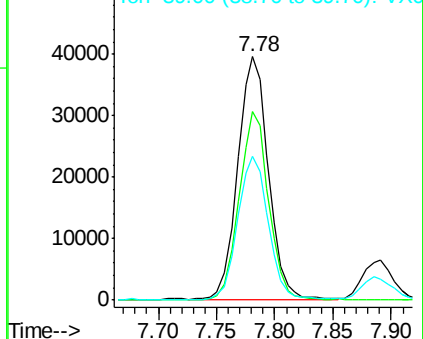
41 100

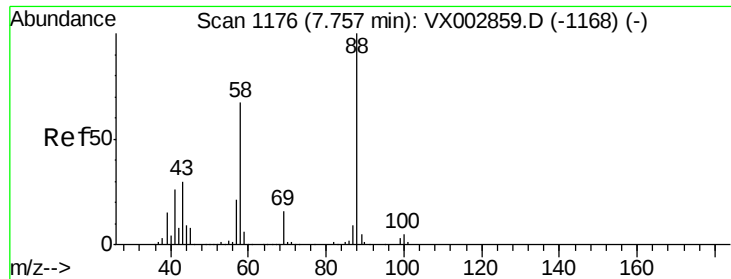
69 75.7 59.1 88.7

39 59.0 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

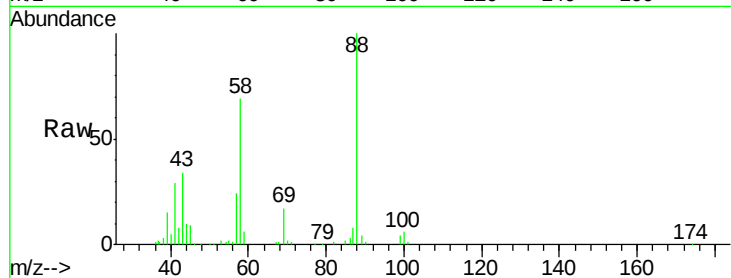




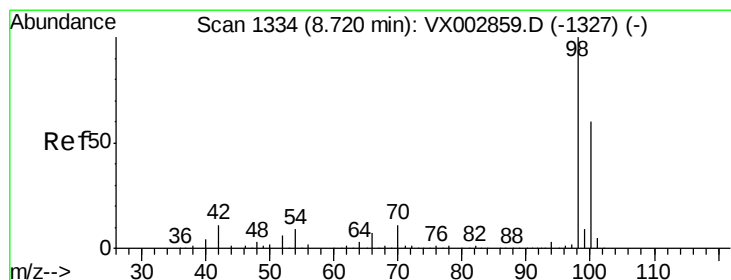
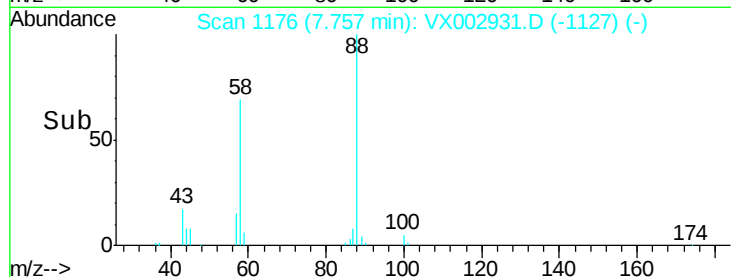
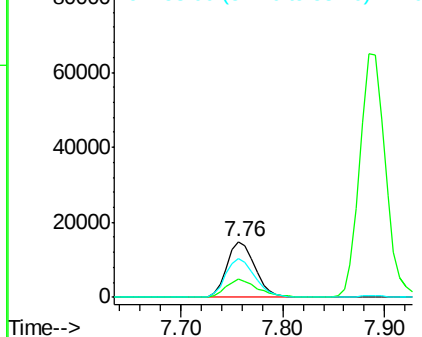
#49
1,4-Dioxane
Concen: 396.88 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	28459
Ion	Ratio	Lower	Upper
88	100		
43	35.5	29.8	44.6
58	72.7	57.1	85.7

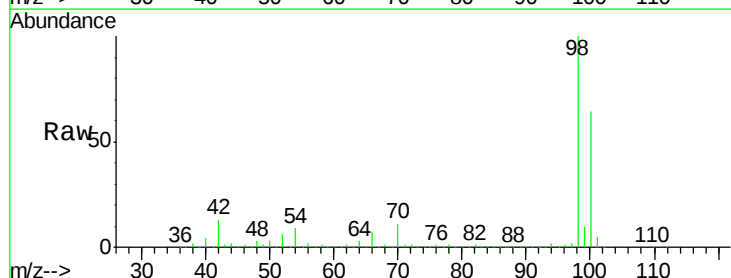


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

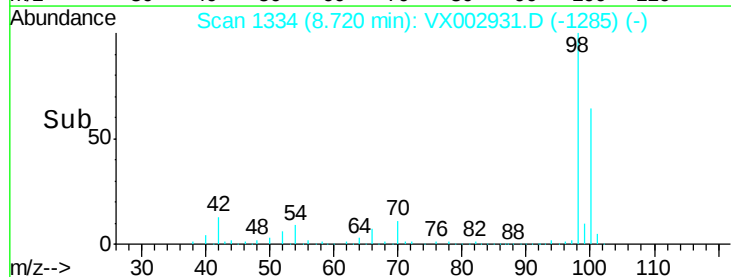
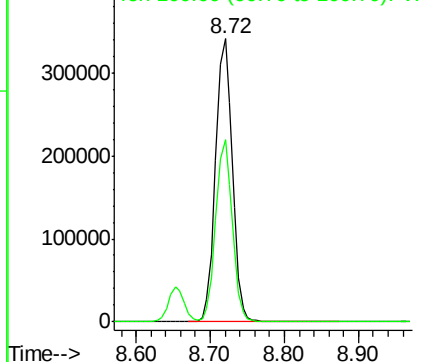


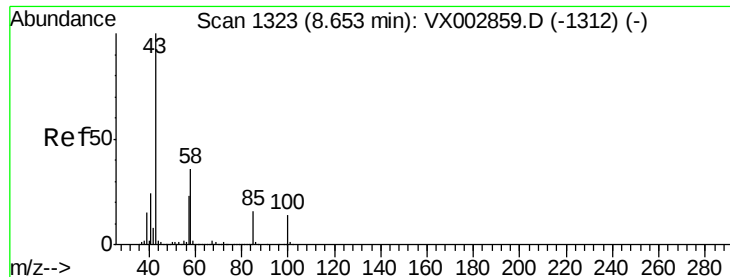
#50
Toluene-d8
Concen: 50.65 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion	98	Resp	529076
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

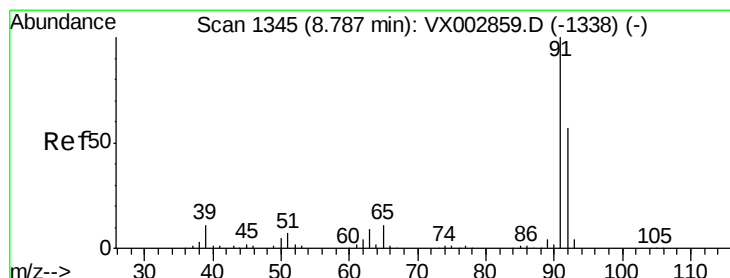
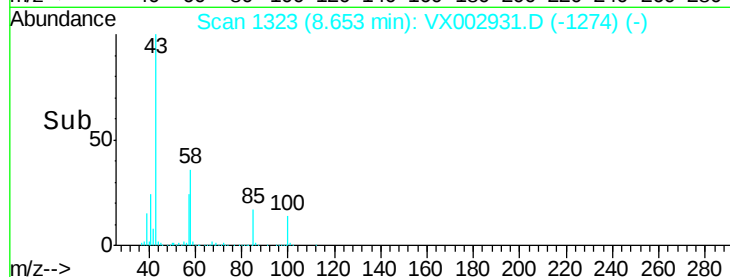
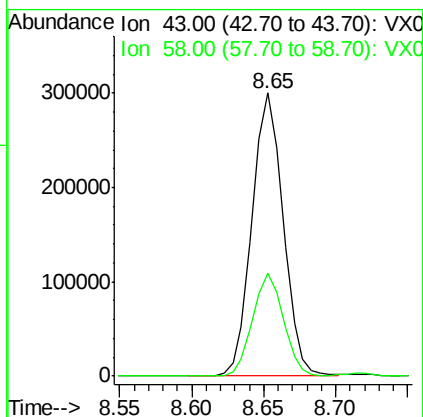
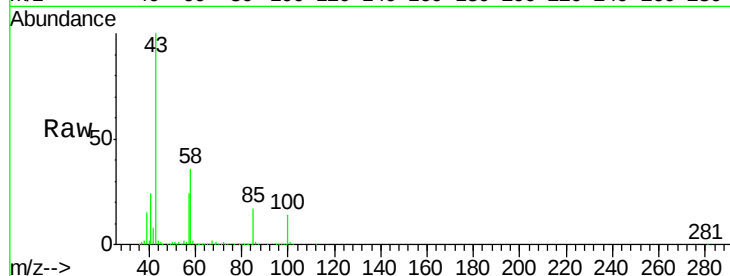




#51
4-Methyl-2-Pentanone
Concen: 100.22 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

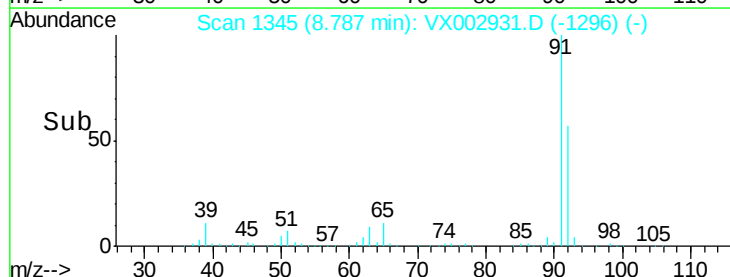
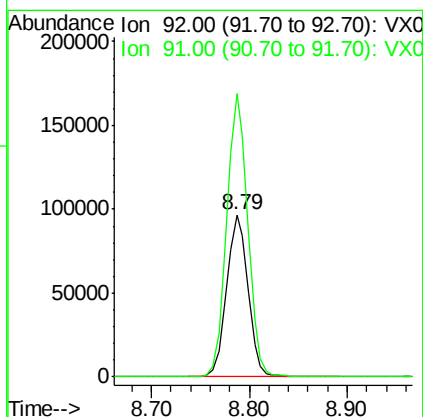
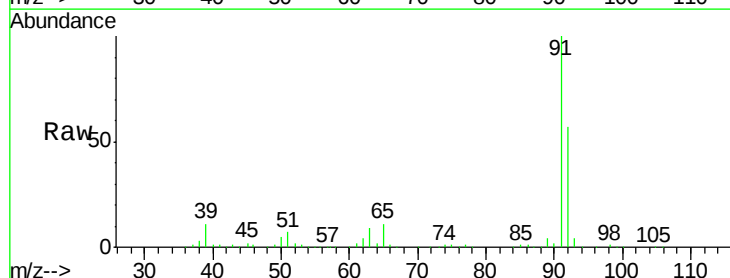
Instrument :
MSVOA_X
ClientSampled :

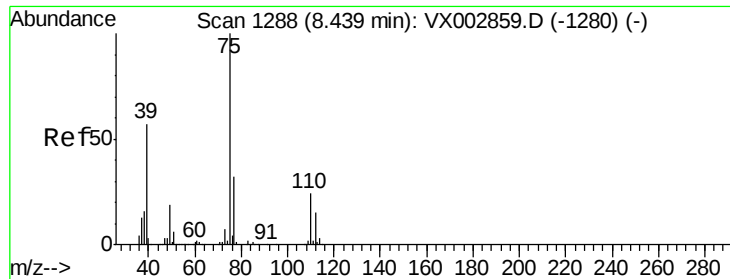
Tot Ion: 43 Resp: 448535
Ion Ratio Lower Upper
43 100
58 36.1 28.6 42.8



#52
Toluene
Concen: 19.89 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion: 92 Resp: 146687
Ion Ratio Lower Upper
92 100
91 172.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.69 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

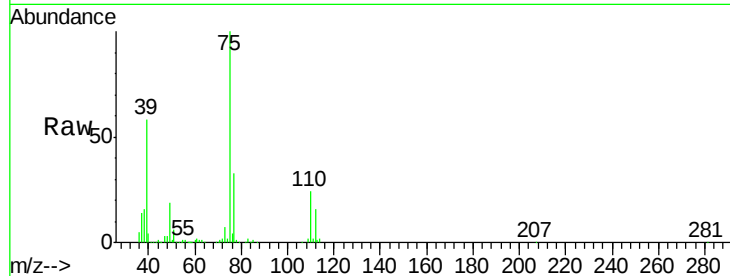
ClientSampleId :

Tot Ion: 75 Resp: 87334

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

60000

50000

40000

30000

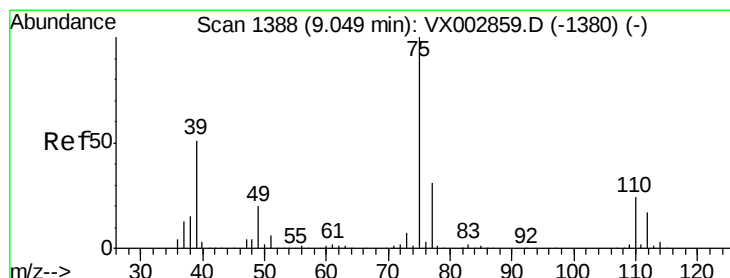
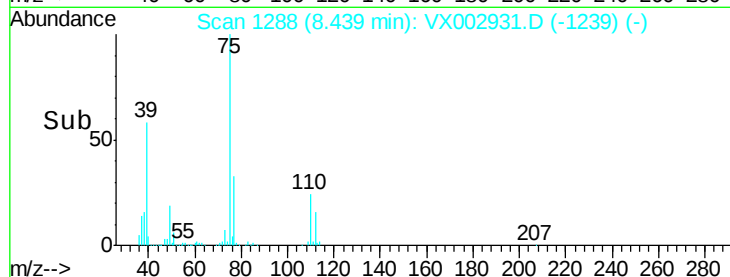
20000

10000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.72 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

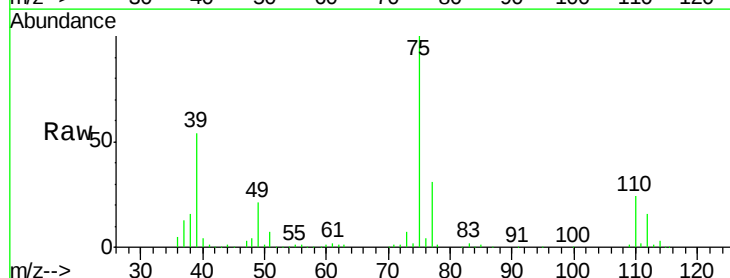
Tgt Ion: 75 Resp: 79893

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 53.7 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

60000

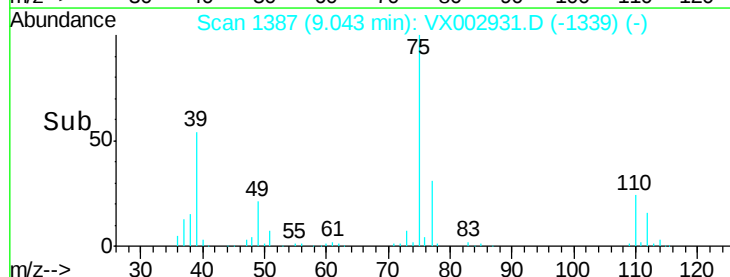
40000

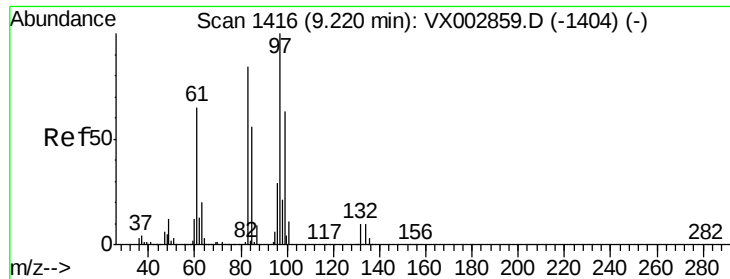
20000

0

8.95 9.00 9.05 9.10

Time-->

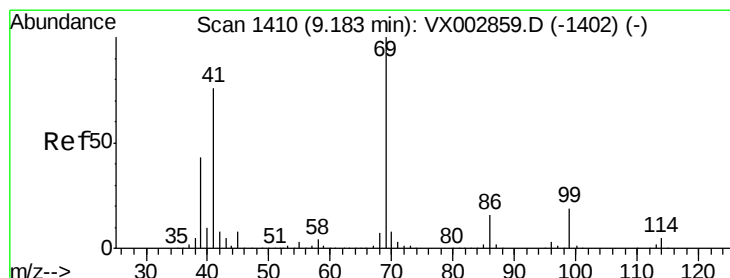
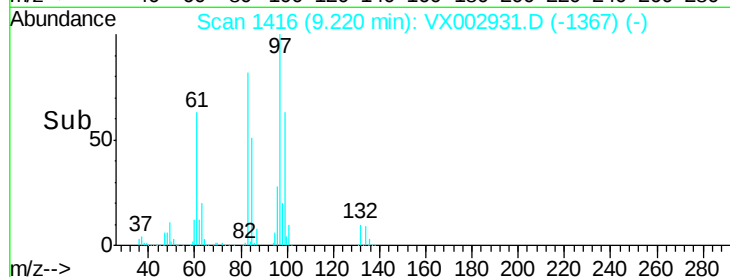
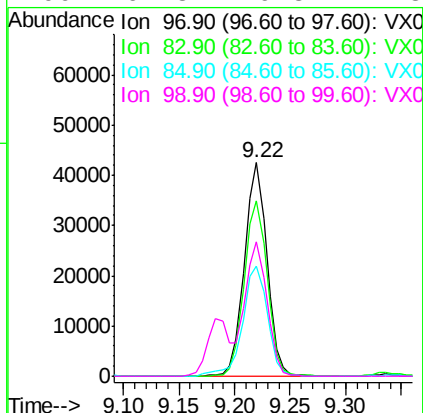
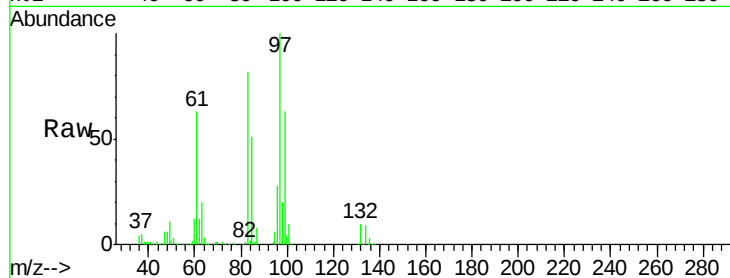




#55
 1,1,2-Trichloroethane
 Concen: 19.87 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

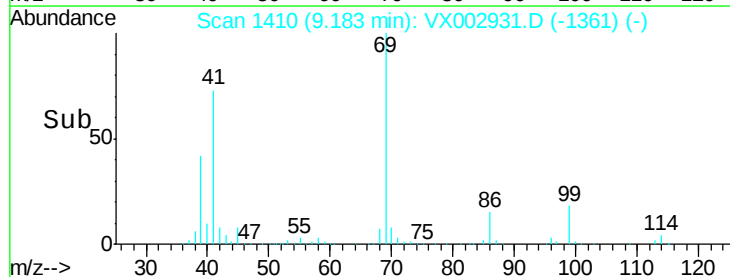
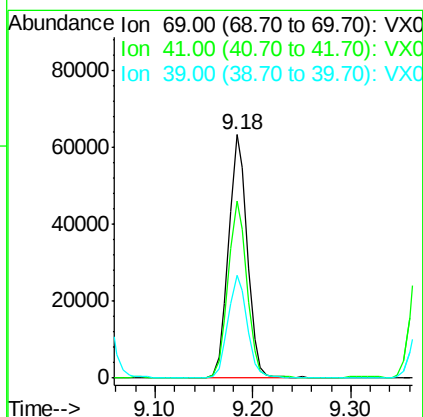
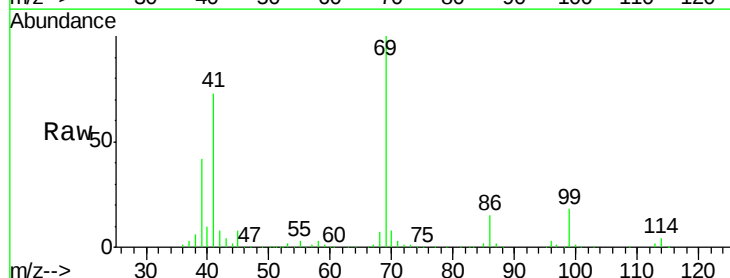
Instrument :
 MSVOA_X
 ClientSampleId :

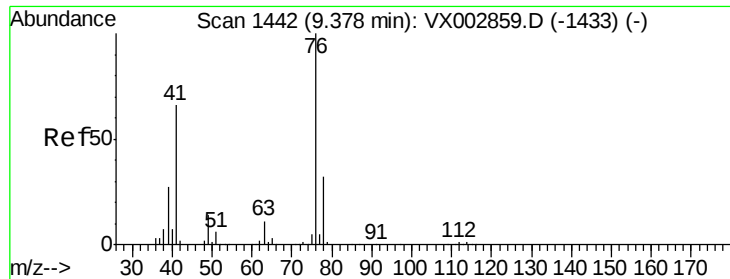
Tot Ion:	97	Resp:	60196
Ion	Ratio	Lower	Upper
97	100		
83	82.0	70.2	105.2
85	51.4	44.9	67.3
99	62.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 19.17 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

Tgt Ion:	69	Resp:	84904
Ion	Ratio	Lower	Upper
69	100		
41	72.9	60.3	90.5
39	43.1	35.8	53.8

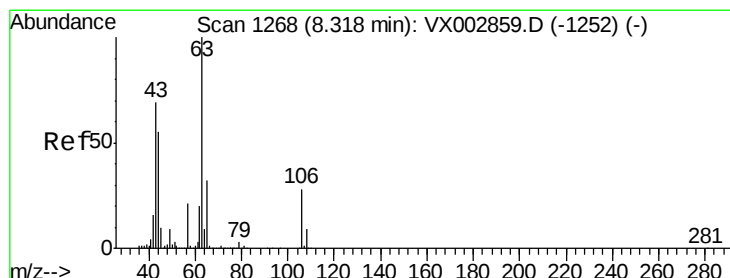
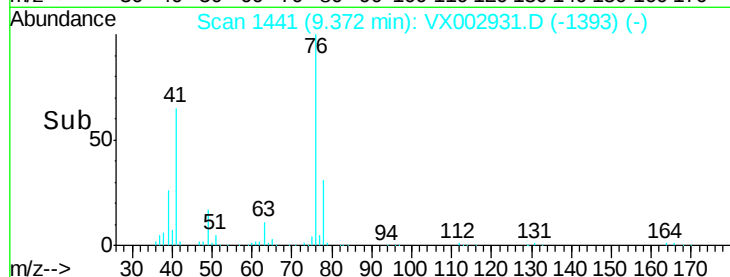
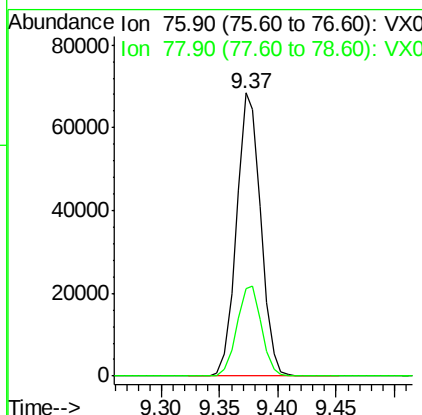
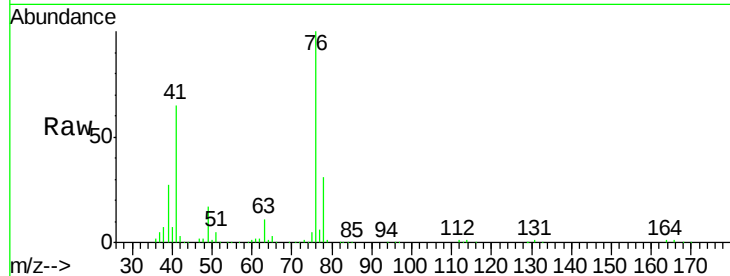




#57
 1,3-Dichloropropane
 Concen: 19.90 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

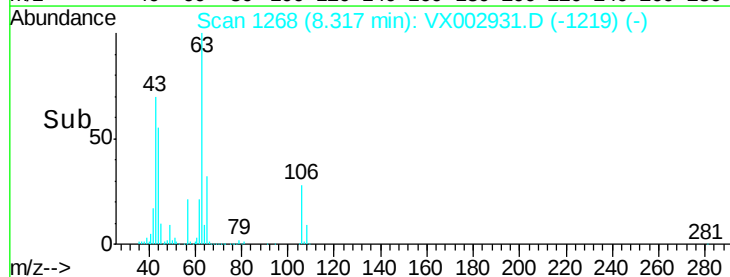
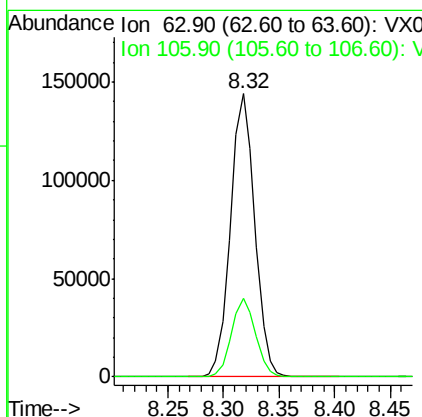
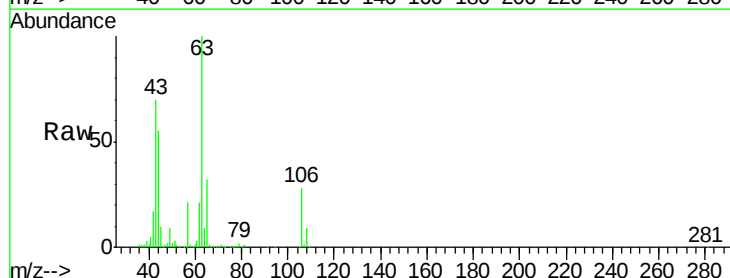
Instrument :
 MSVOA_X
 ClientSampleId :

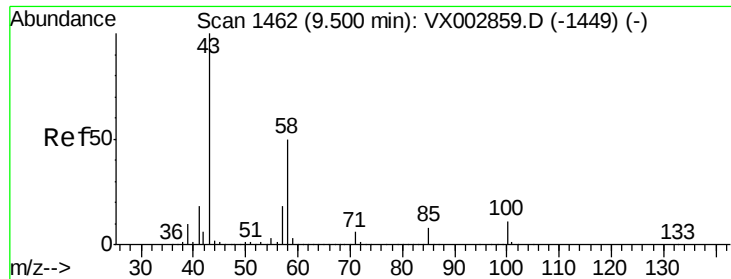
Tot Ion: 76 Resp: 99041
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.80 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

Tgt Ion: 63 Resp: 217479
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.8

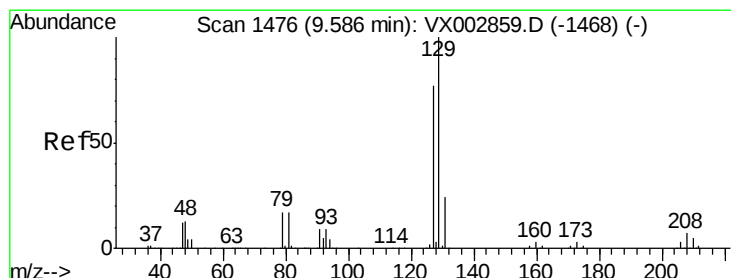
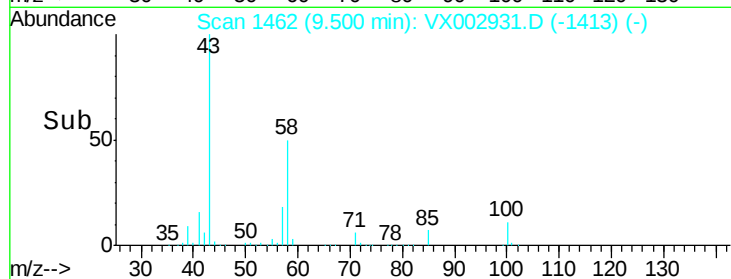
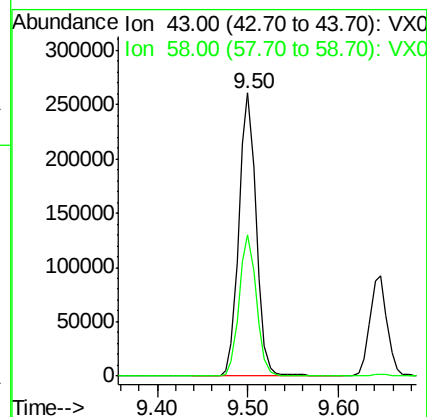
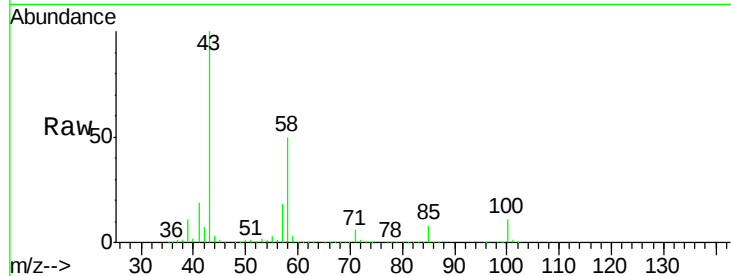




#59
 2-Hexanone
 Concen: 101.63 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

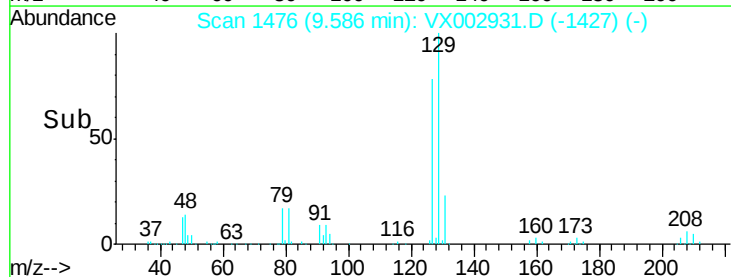
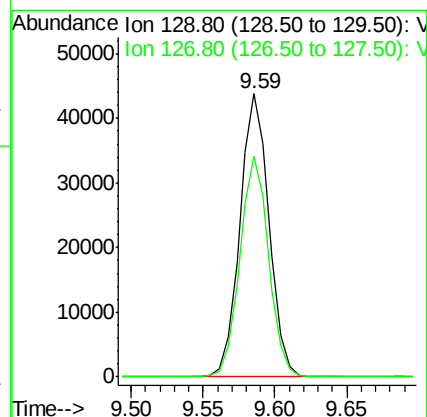
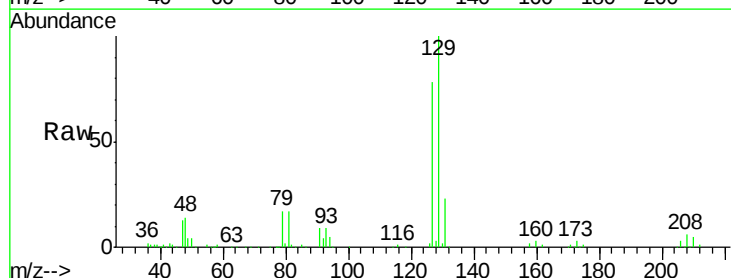
Instrument :
 MSVOA_X
 ClientSampleId :

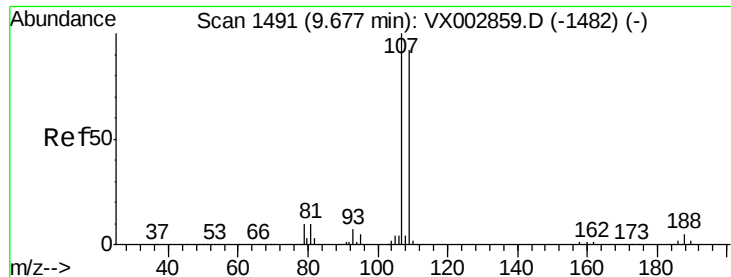
Tot Ion: 43 Resp: 345662
 Ion Ratio Lower Upper
 43 100
 58 50.1 24.6 73.6



#60
 Dibromochloromethane
 Concen: 19.20 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

Tgt Ion:129 Resp: 61228
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.86 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

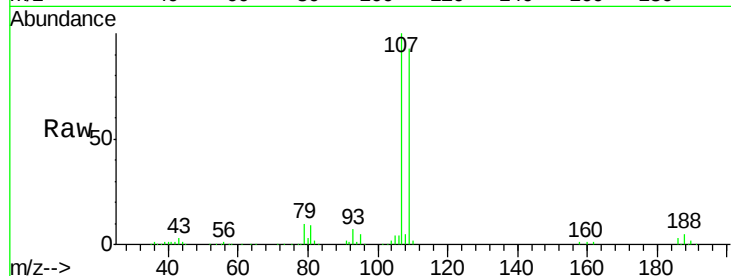
ClientSampleId :

Tot Ion:107 Resp: 63105

Ion Ratio Lower Upper

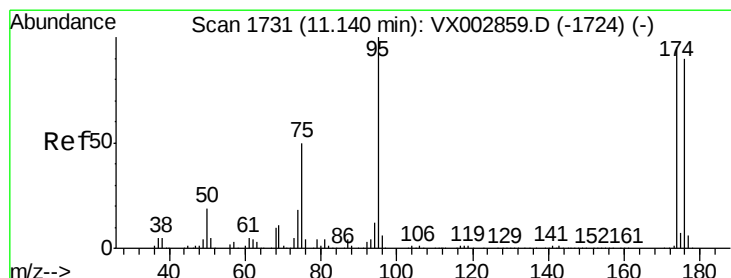
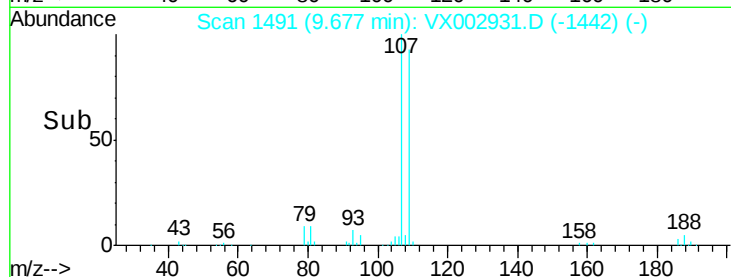
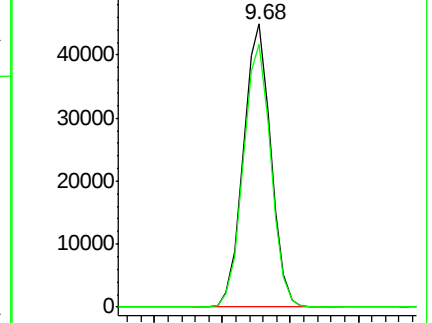
107 100

109 93.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

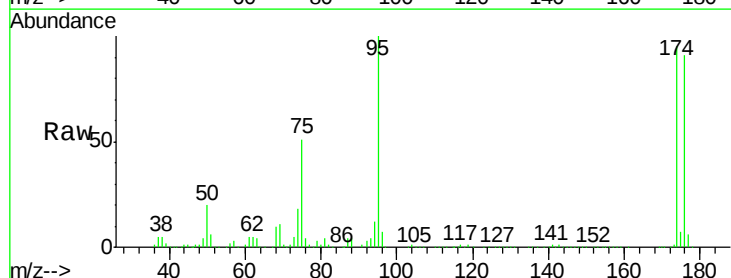
Tgt Ion: 95 Resp: 201420

Ion Ratio Lower Upper

95 100

174 95.8 0.0 187.4

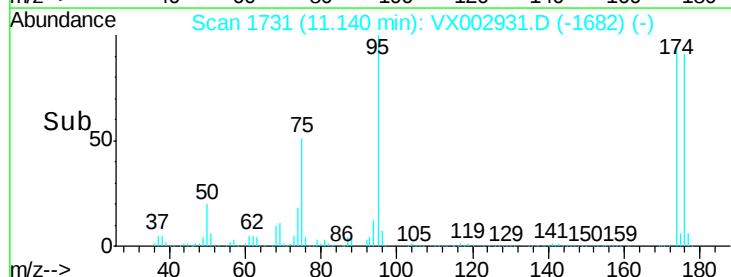
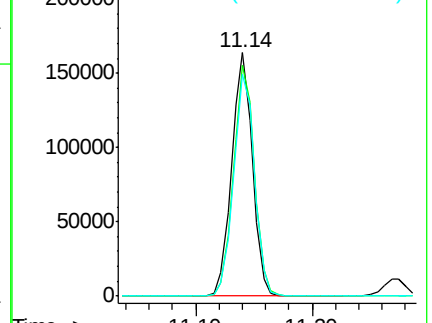
176 92.7 0.0 181.0

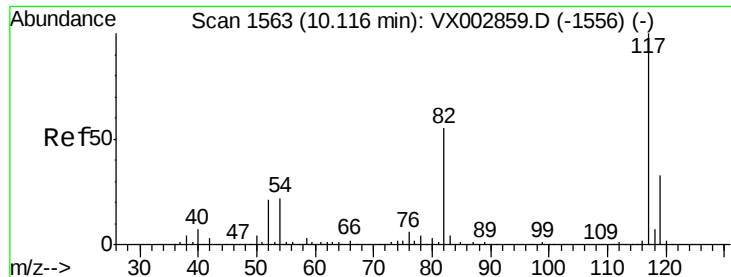


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

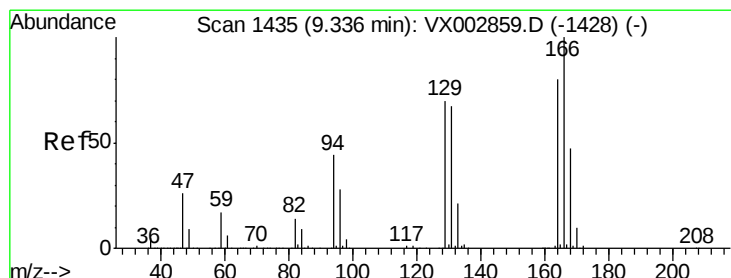
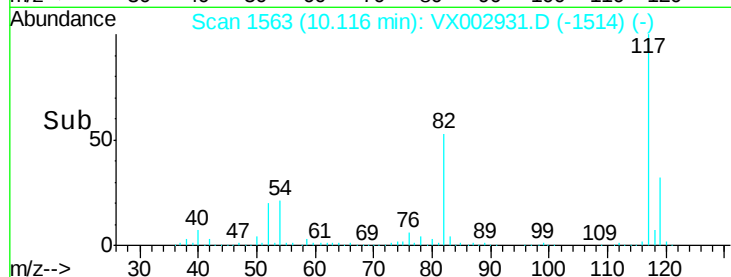
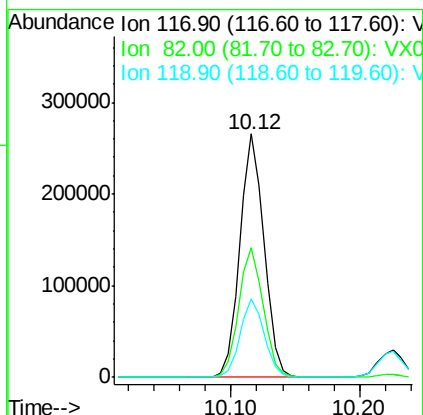
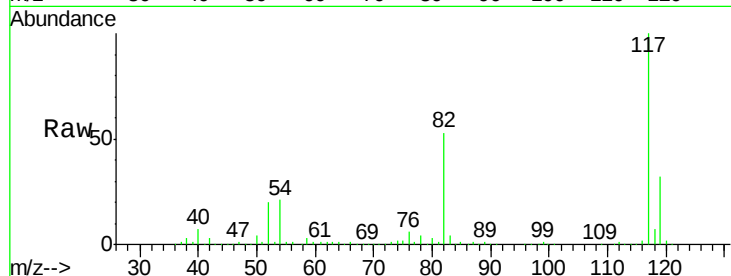




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

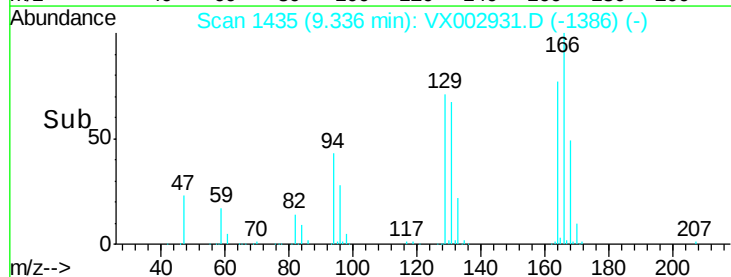
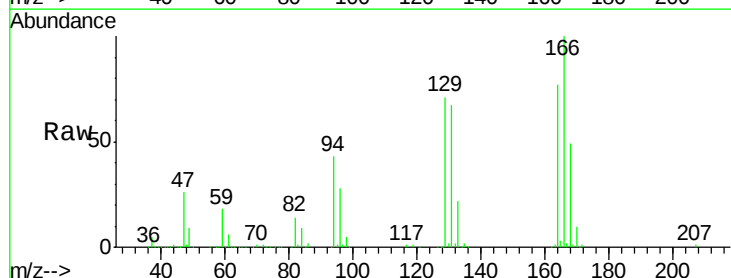
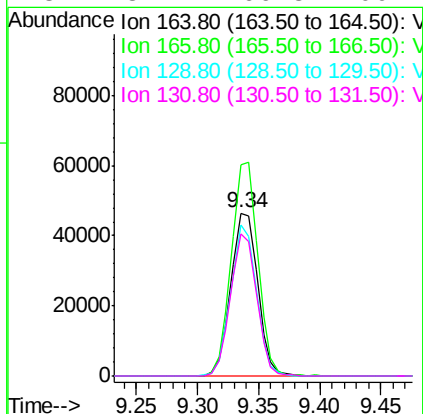
Instrument :
MSVOA_X
ClientSampleId :

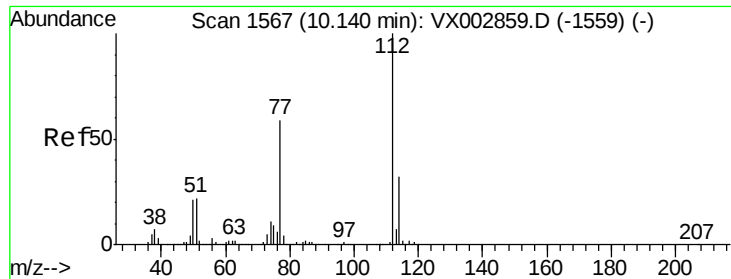
Tot Ion:117 Resp: 345378
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 18.30 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion:164 Resp: 70290
Ion Ratio Lower Upper
164 100
166 130.2 102.9 154.3
129 92.8 68.6 102.8
131 87.4 66.8 100.2





#65

Chlorobenzene

Concen: 19.21 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

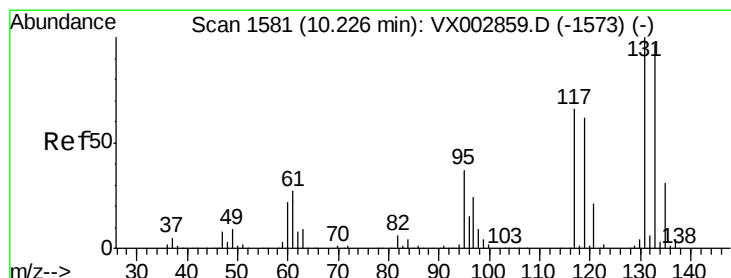
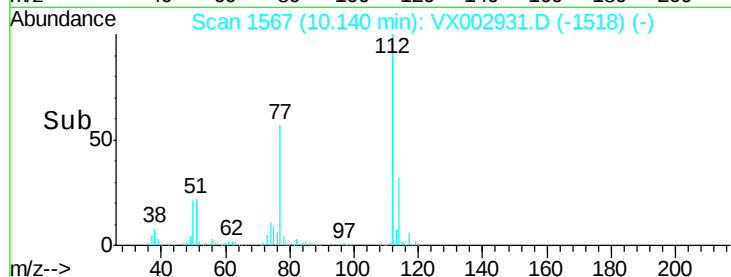
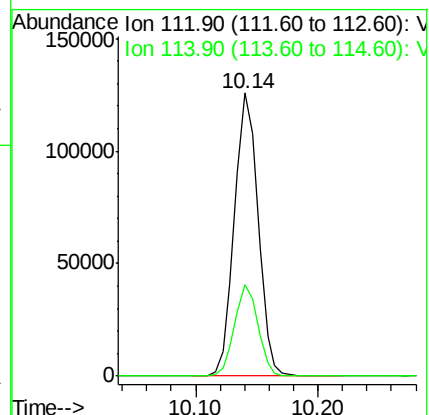
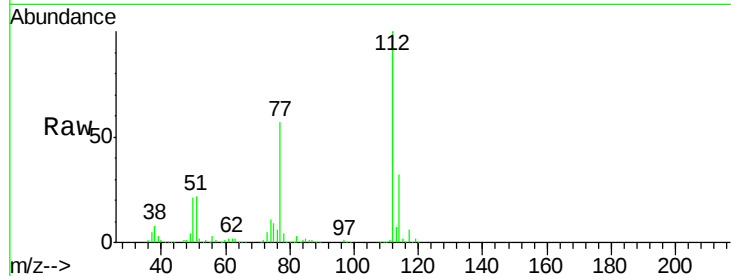
ClientSampled :

Tot Ion:112 Resp: 168511

Ion Ratio Lower Upper

112 100

114 32.5 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.30 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

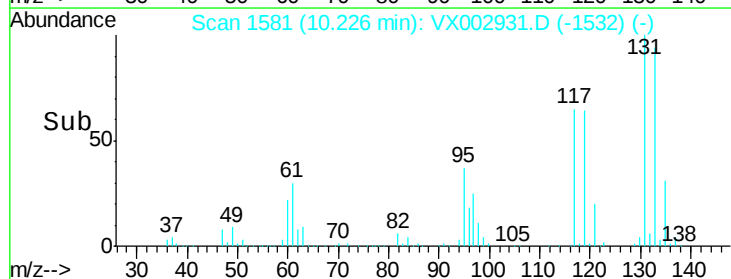
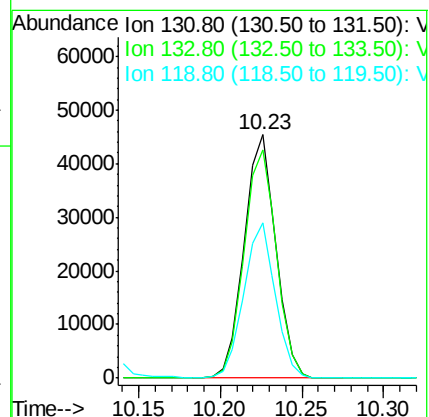
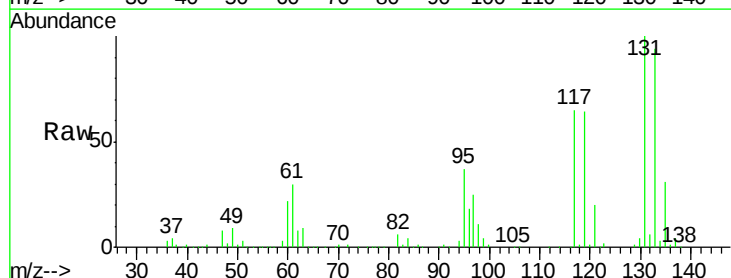
Tgt Ion:131 Resp: 61498

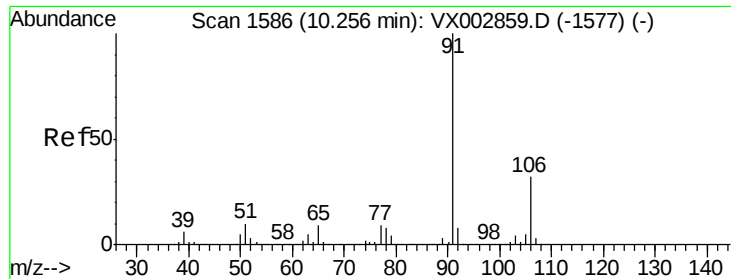
Ion Ratio Lower Upper

131 100

133 95.6 47.9 143.6

119 63.5 31.8 95.3

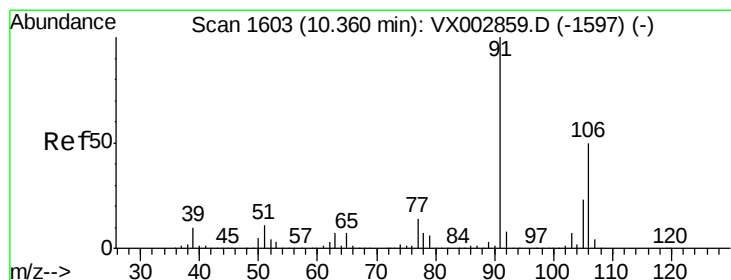
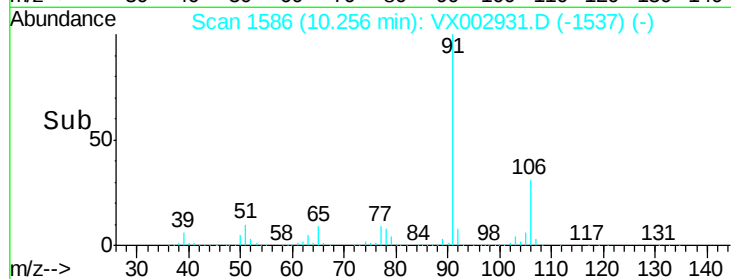
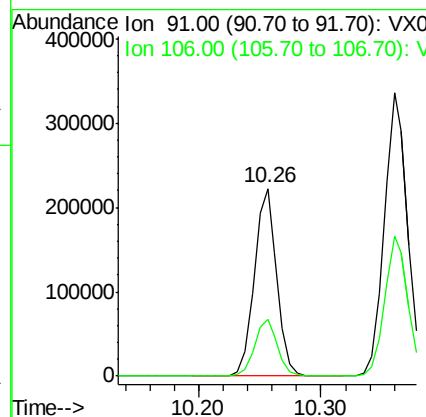
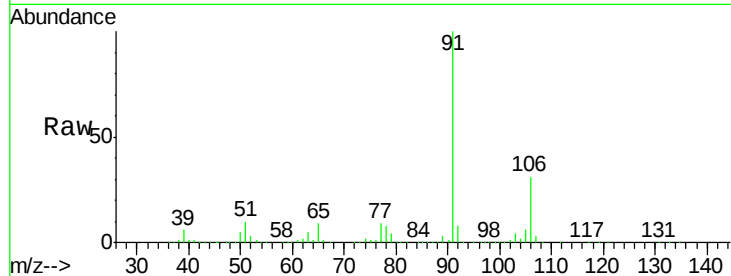




#67
Ethyl Benzene
Concen: 19.54 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

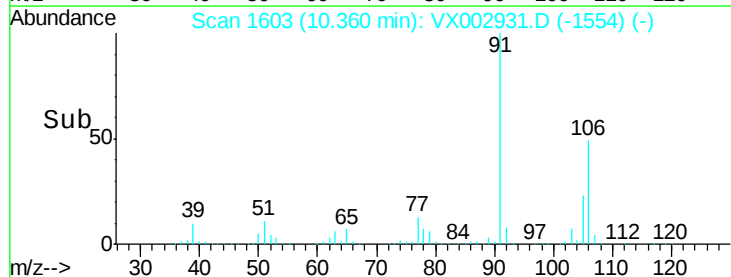
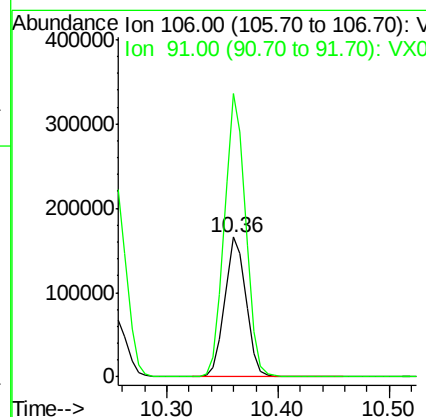
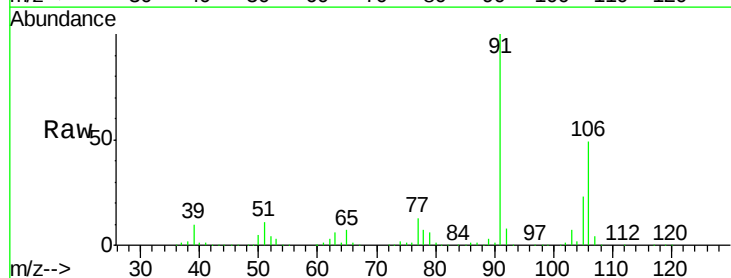
Instrument :
MSVOA_X
ClientSampleId :

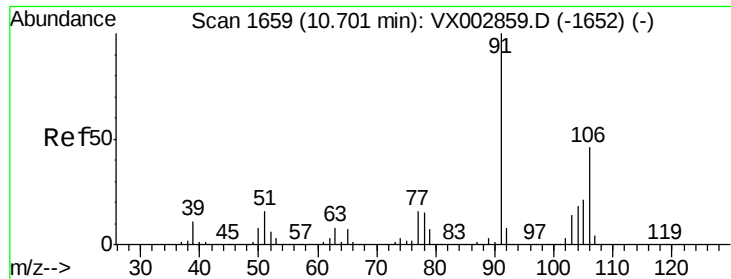
Tot Ion: 91 Resp: 283141
Ion Ratio Lower Upper
91 100
106 30.5 25.5 38.3



#68
m/p-Xylenes
Concen: 39.23 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion: 106 Resp: 219109
Ion Ratio Lower Upper
106 100
91 202.2 163.4 245.2

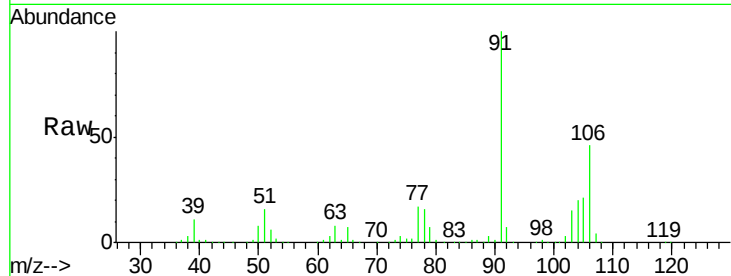




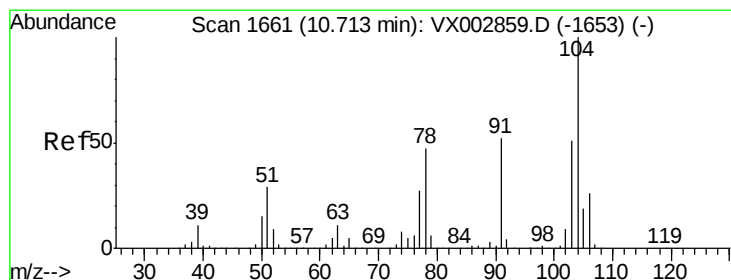
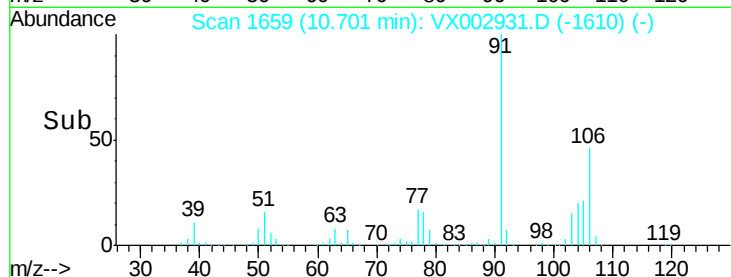
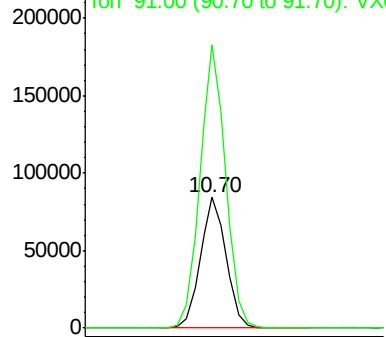
#69
o-Xylene
Concen: 19.40 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 105487
Ion Ratio Lower Upper
106 100
91 216.1 108.2 324.6

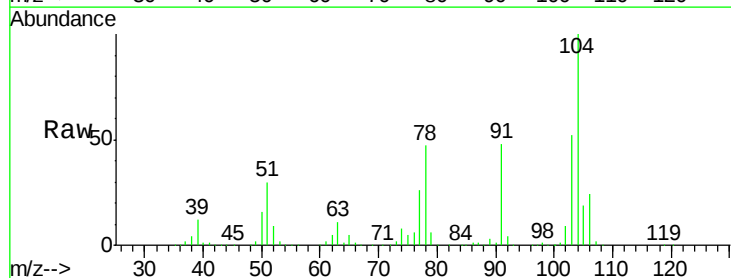


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

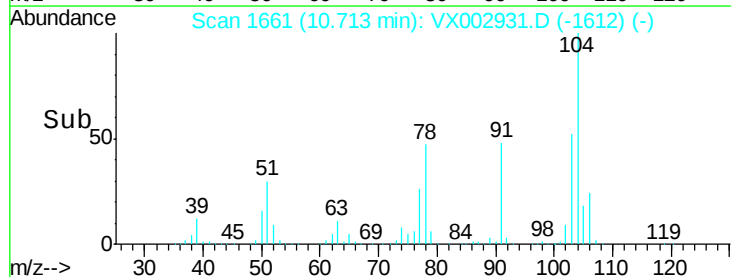
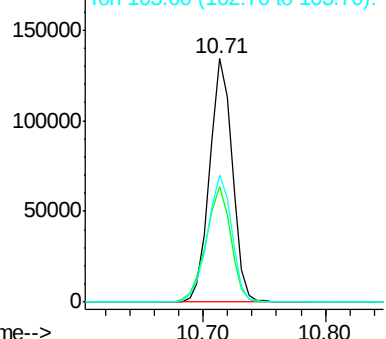


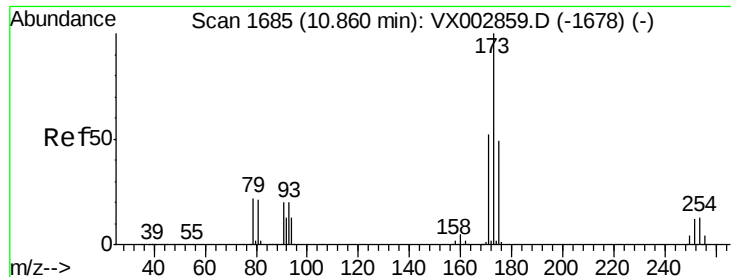
#70
Styrene
Concen: 19.45 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion:104 Resp: 171833
Ion Ratio Lower Upper
104 100
78 51.9 41.0 61.6
103 56.6 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

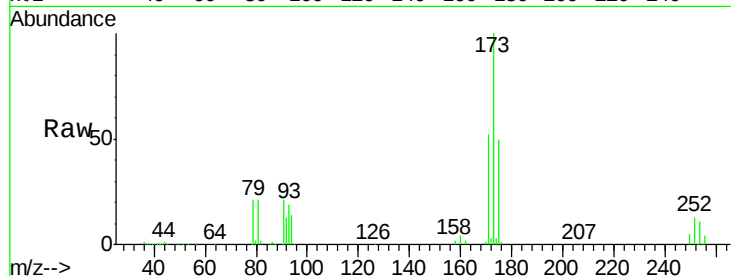




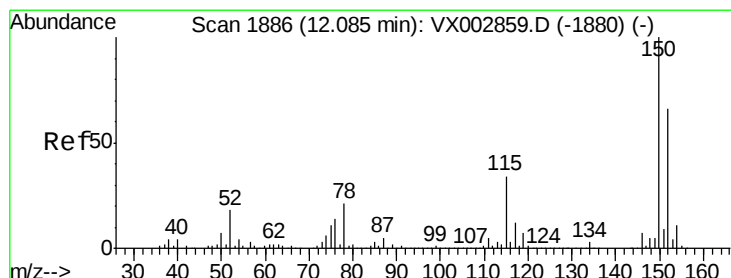
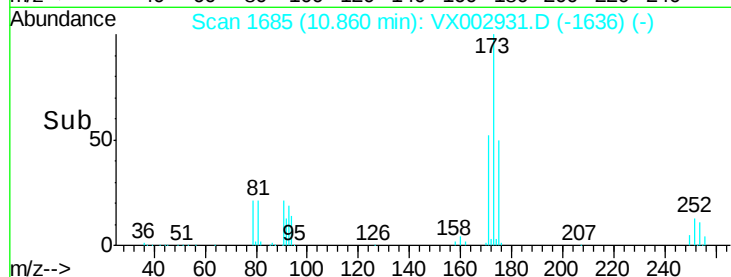
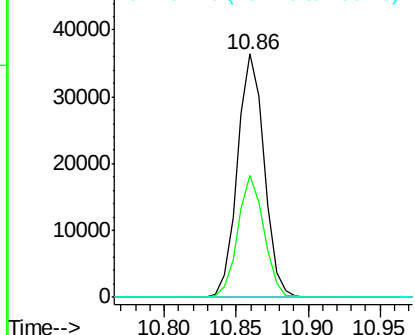
#71
Bromoform
Concen: 18.97 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 47063
Ion Ratio Lower Upper
173 100
175 48.9 24.7 74.1
254 0.2 0.2 0.2

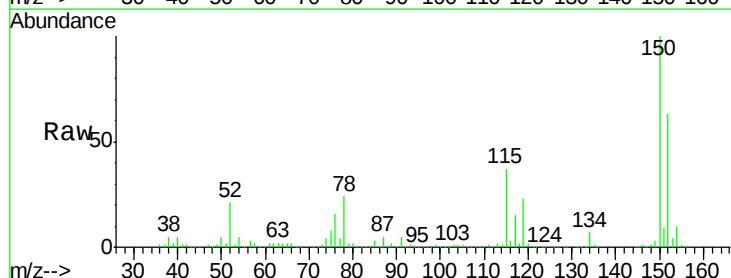


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

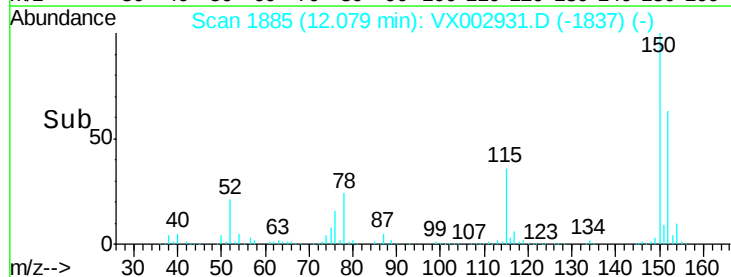
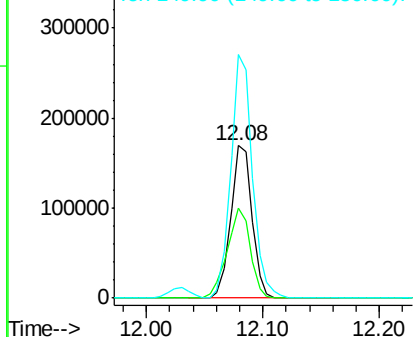


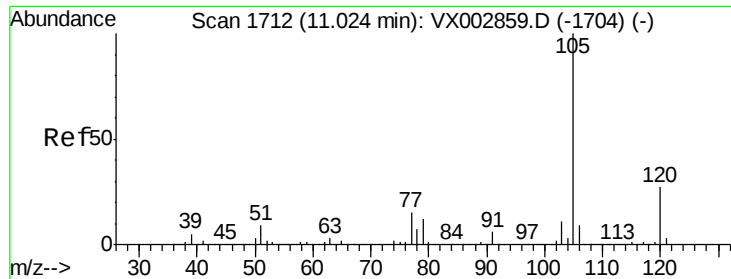
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion:152 Resp: 214953
Ion Ratio Lower Upper
152 100
115 64.2 40.1 120.2
150 162.5 0.0 347.2



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: 20.19 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

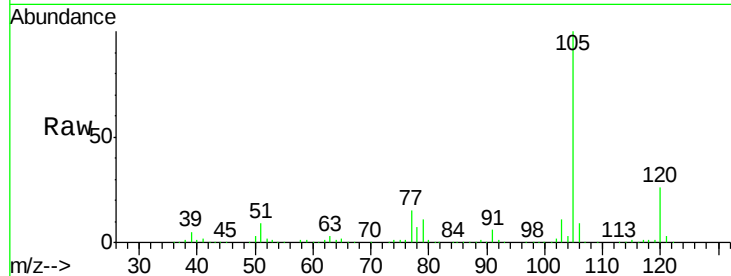
ClientSampleId :

Tot Ion:105 Resp: 291906

Ion Ratio Lower Upper

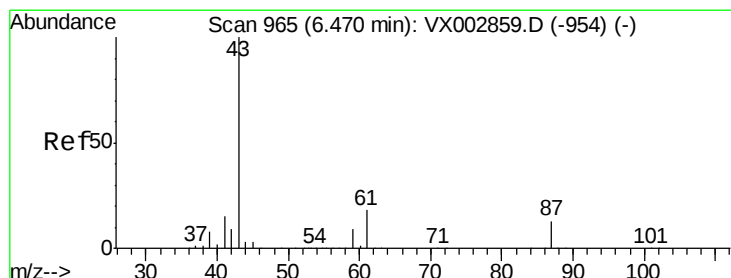
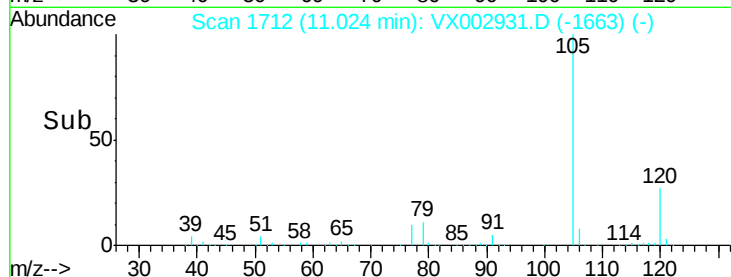
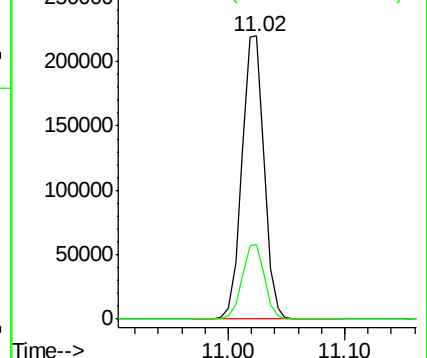
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.14 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Tgt Ion: 43 Resp: 135445

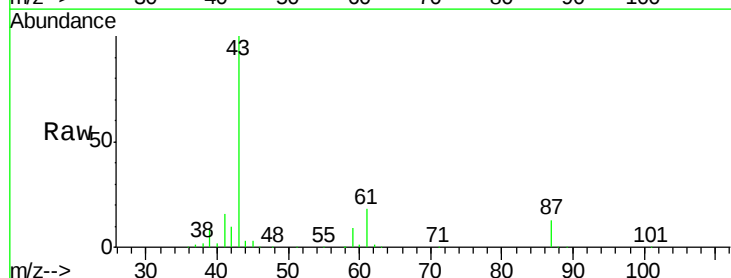
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.2 14.4 21.6

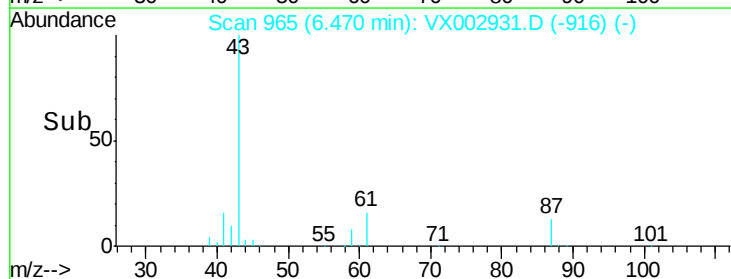
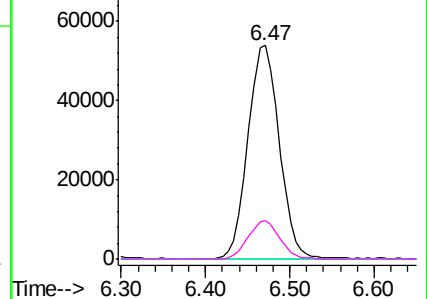


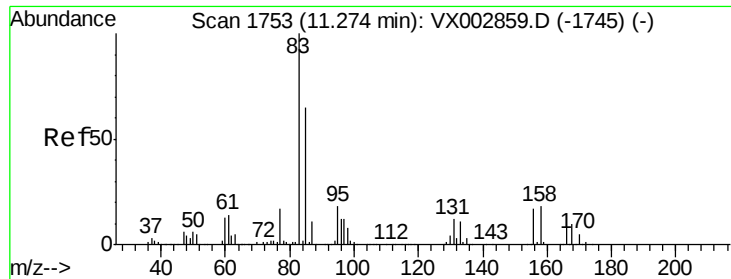
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.01 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

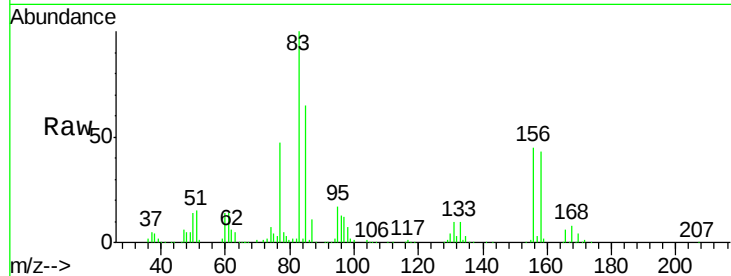
Tot Ion: 83 Resp: 89134

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

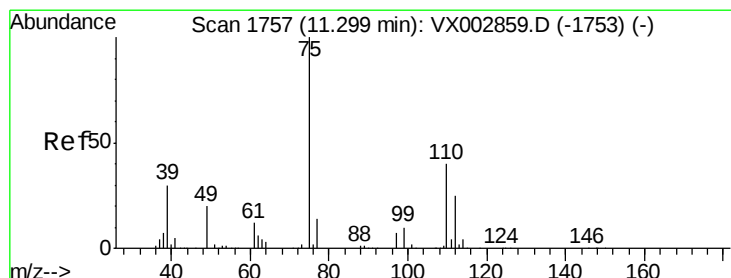
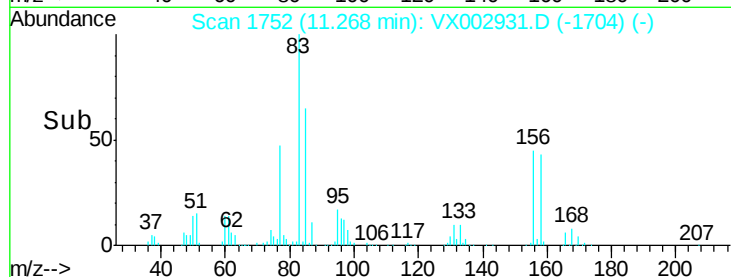
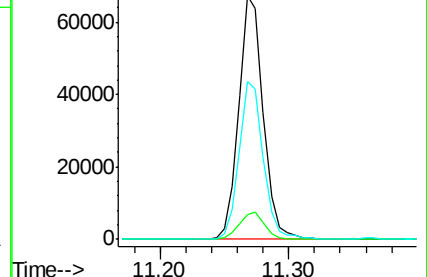
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.33 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002931.D

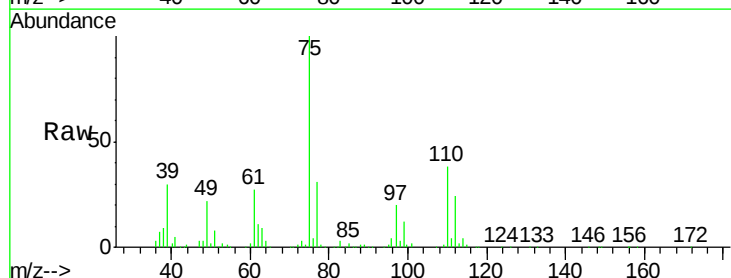
Acq: 27 Jun 2018 12:59

Tgt Ion: 75 Resp: 98637

Ion Ratio Lower Upper

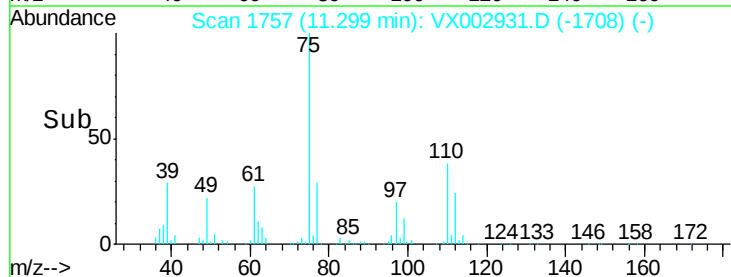
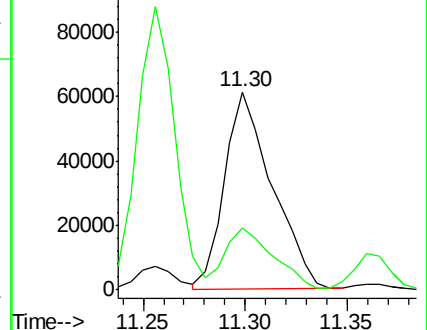
75 100

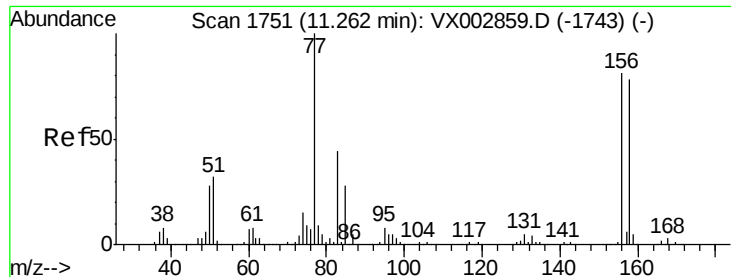
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.63 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

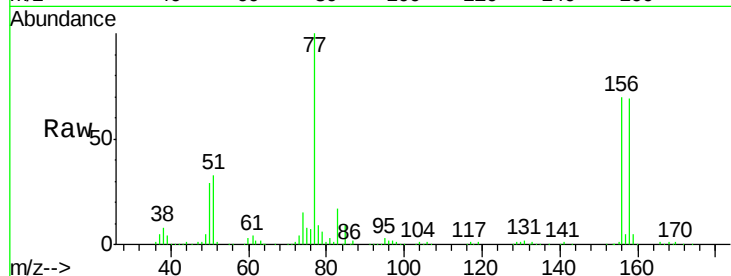
Tot Ion:156 Resp: 80834

Ion Ratio Lower Upper

156 100

77 138.9 71.4 214.2

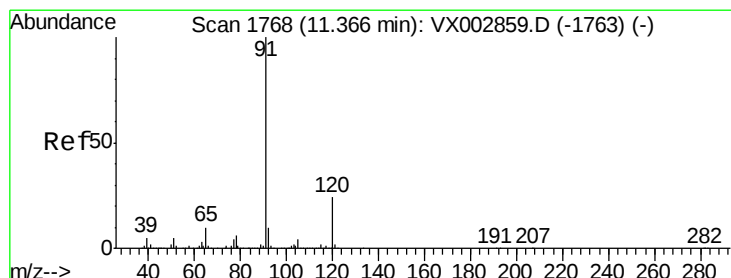
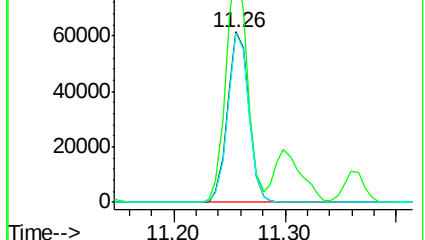
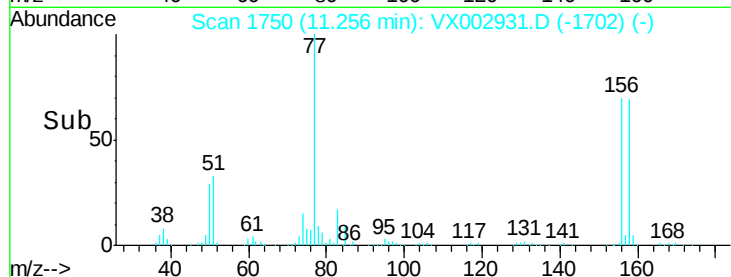
158 97.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.01 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX002931.D

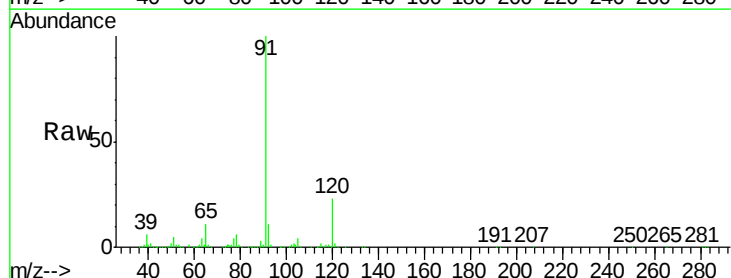
Acq: 27 Jun 2018 12:59

Tgt Ion: 91 Resp: 329367

Ion Ratio Lower Upper

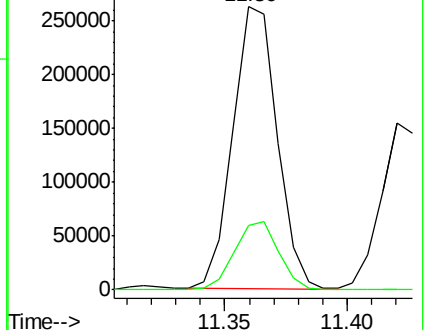
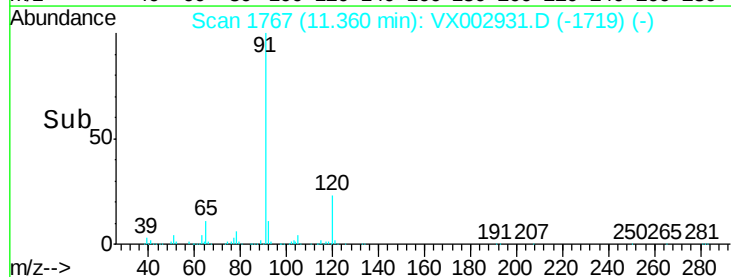
91 100

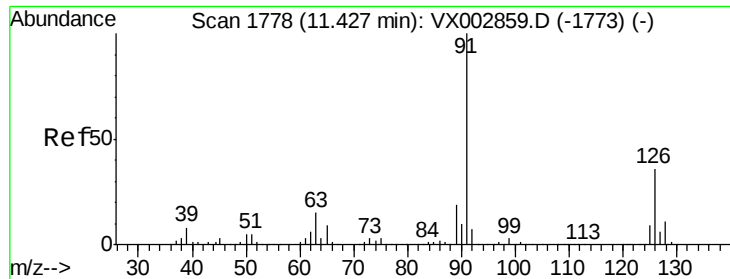
120 24.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.95 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

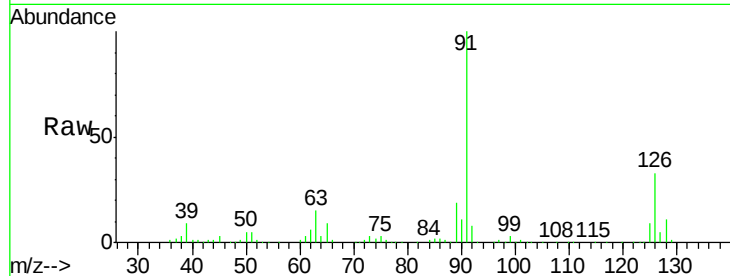
ClientSampled :

Tot Ion: 91 Resp: 198775

Ion Ratio Lower Upper

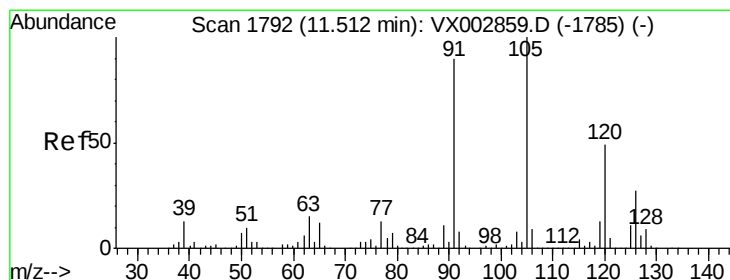
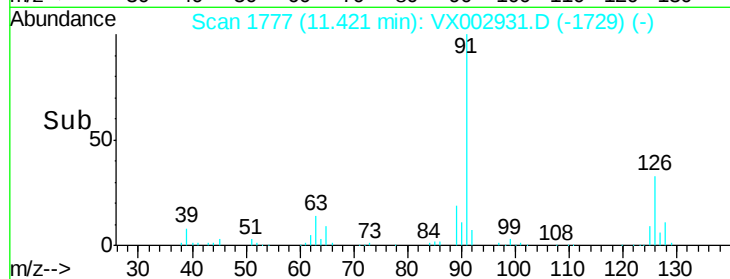
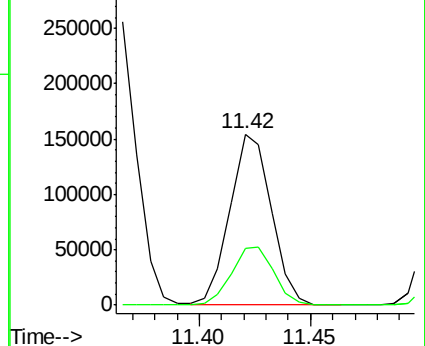
91 100

126 35.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.28 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002931.D

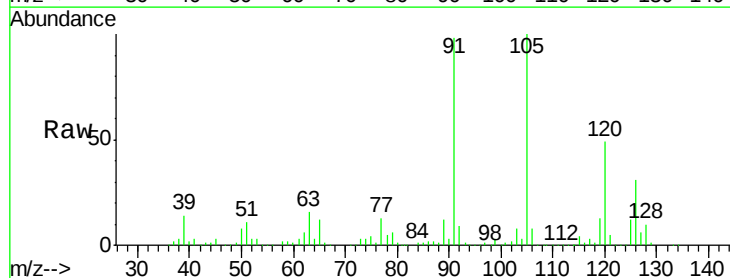
Acq: 27 Jun 2018 12:59

Tgt Ion:105 Resp: 246972

Ion Ratio Lower Upper

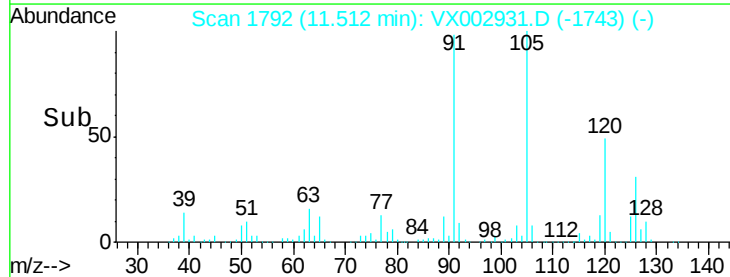
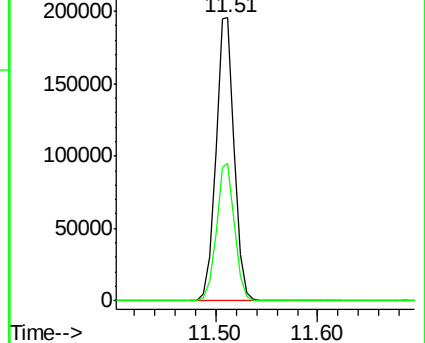
105 100

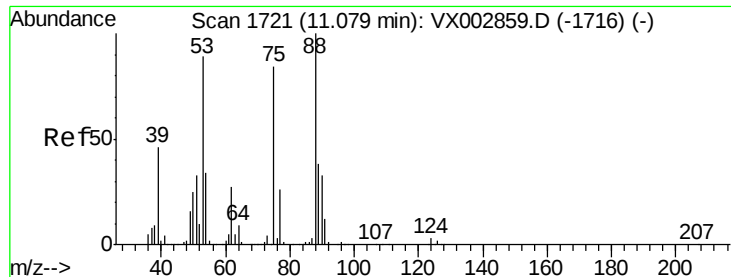
120 48.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.53 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

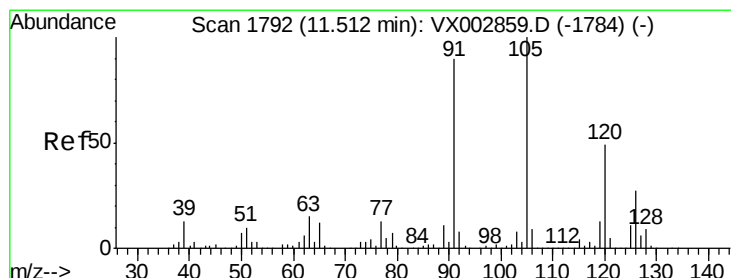
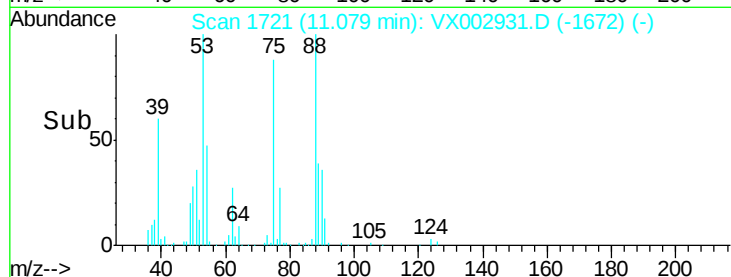
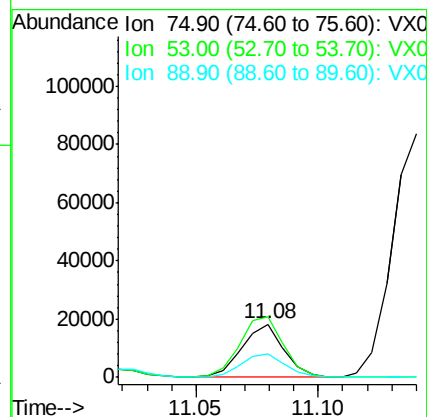
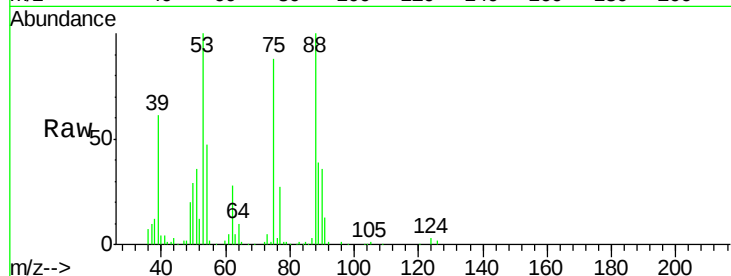
Tot Ion: 75 Resp: 21824

Ion Ratio Lower Upper

75 100

53 117.4 86.8 130.2

89 46.9 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002931.D

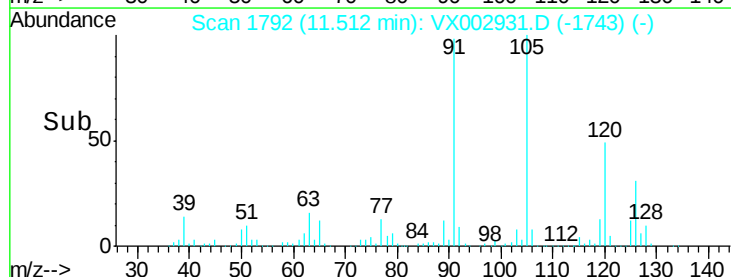
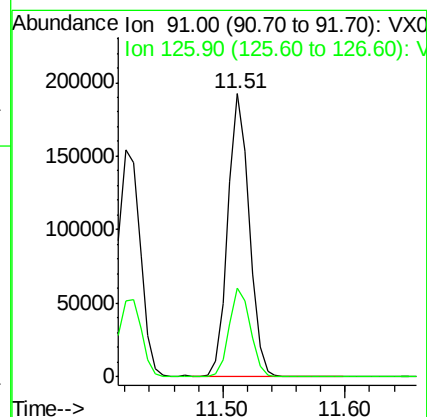
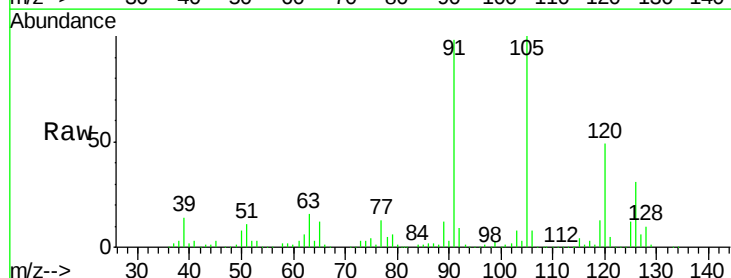
Acq: 27 Jun 2018 12:59

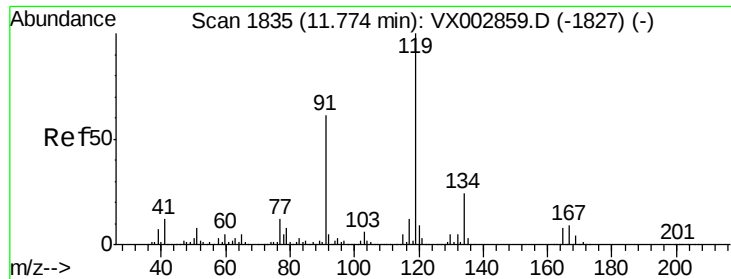
Tgt Ion: 91 Resp: 232597

Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.4





#83

tert-Butylbenzene

Concen: 20.24 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

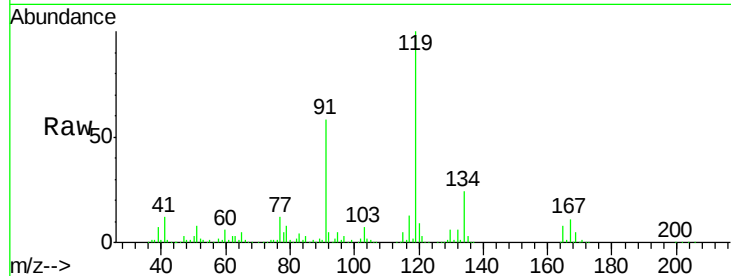
Tot Ion:119 Resp: 242900

Ion Ratio Lower Upper

119 100

91 57.4 30.3 90.9

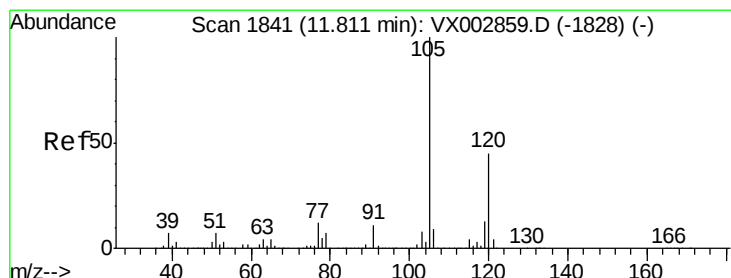
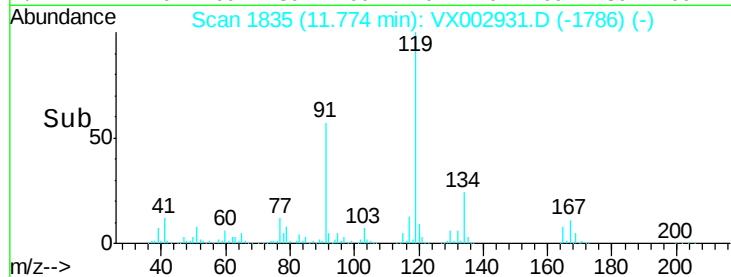
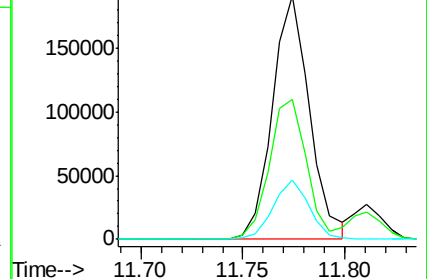
134 23.8 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.06 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002931.D

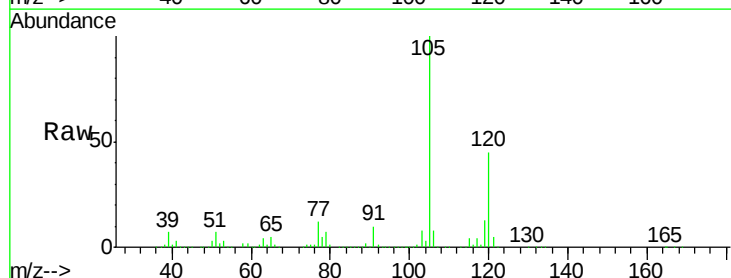
Acq: 27 Jun 2018 12:59

Tgt Ion:105 Resp: 253079

Ion Ratio Lower Upper

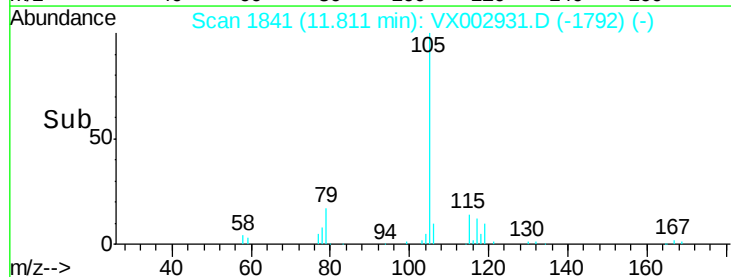
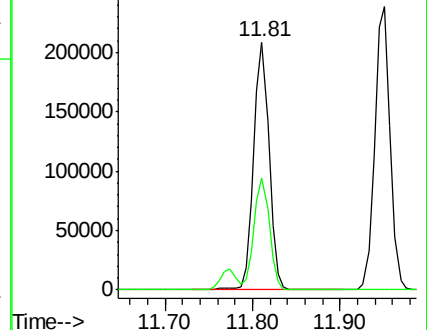
105 100

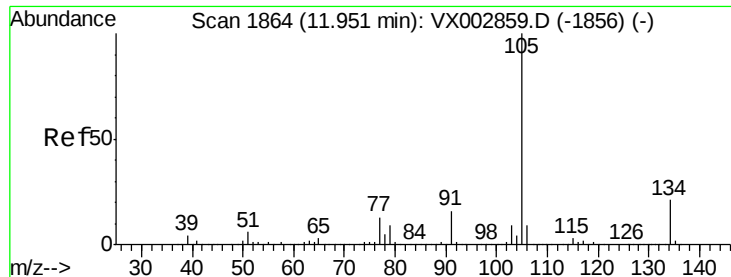
120 45.1 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.28 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

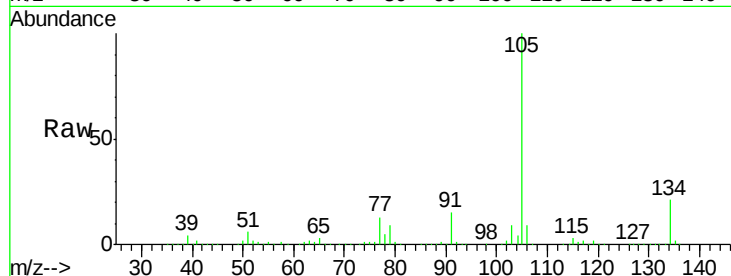
ClientSampled :

Tot Ion:105 Resp: 295233

Ion Ratio Lower Upper

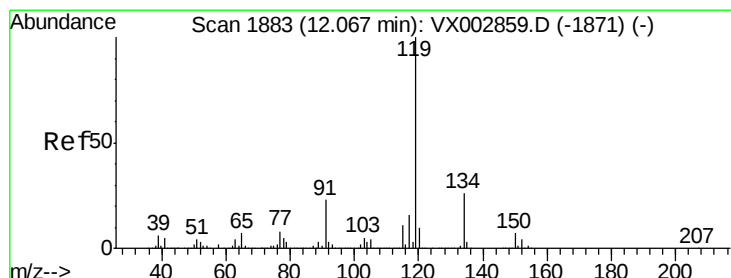
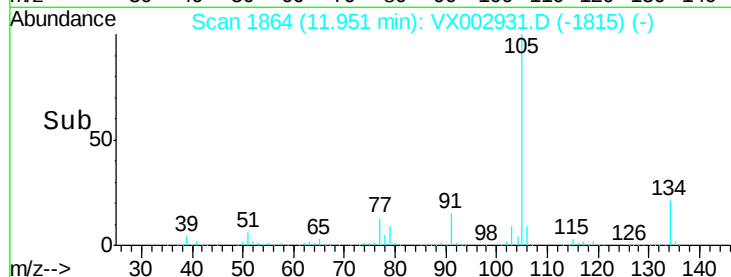
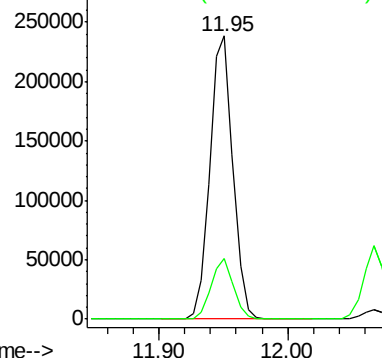
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.04 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

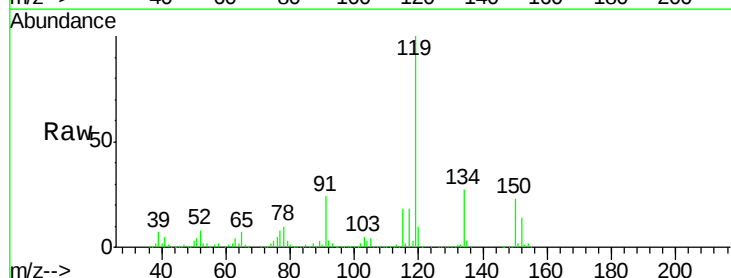
Tgt Ion:119 Resp: 262294

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

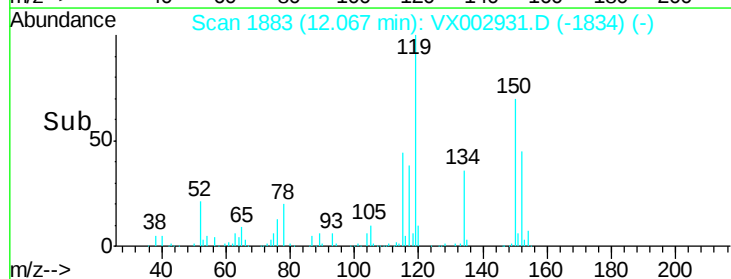
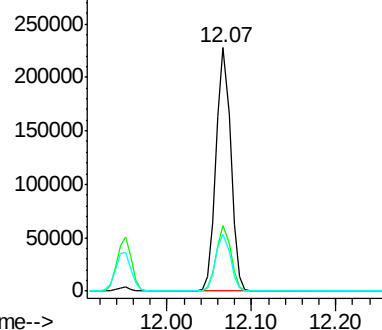
91 23.9 11.9 35.7

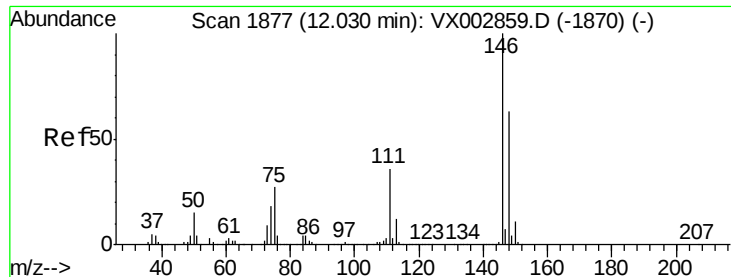


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

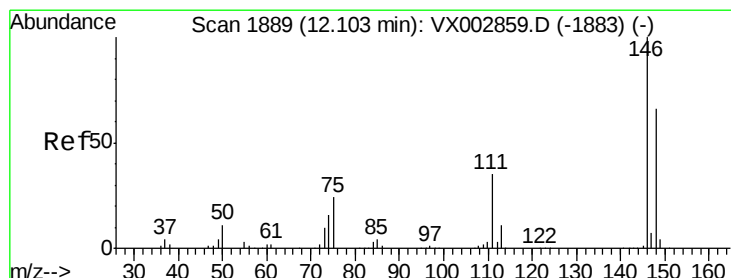
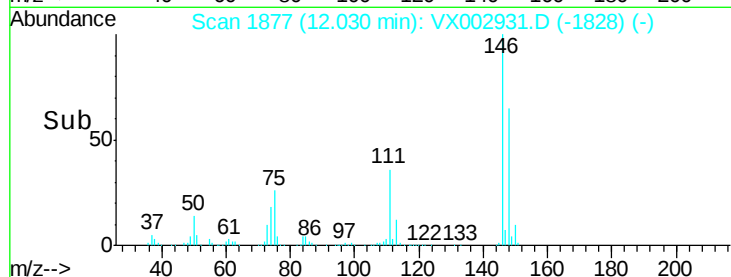
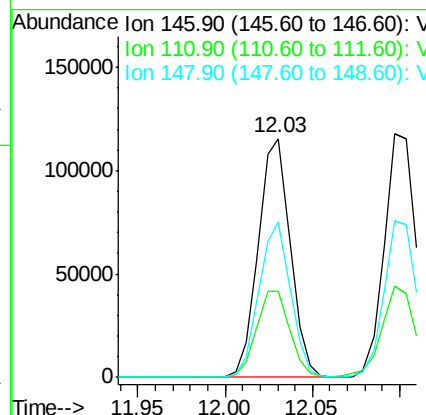
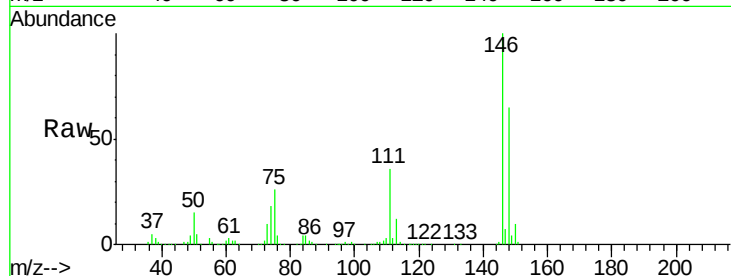




#87
 1,3-Dichlorobenzene
 Concen: 19.65 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

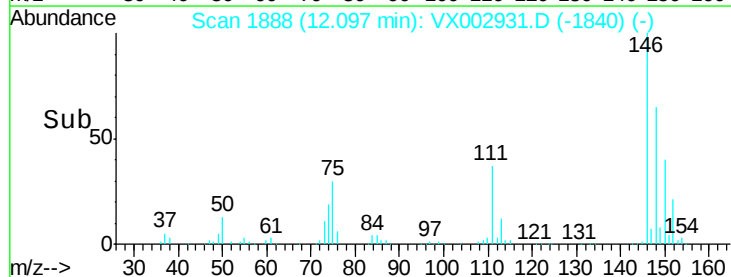
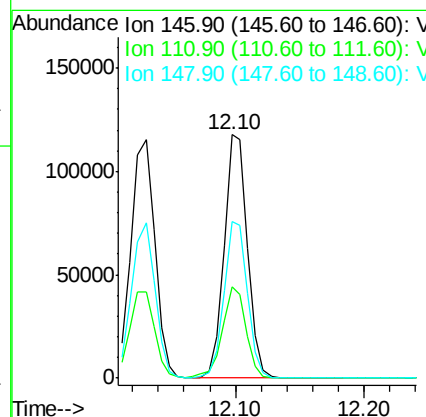
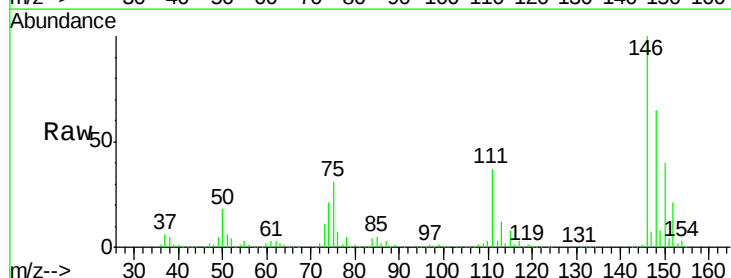
Instrument :
 MSVOA_X
 ClientSampleId :

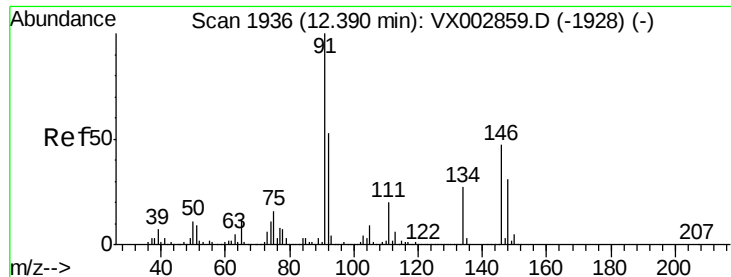
Tot Ion:146 Resp: 147784
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.7
 148 63.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.39 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

Tgt Ion:146 Resp: 150069
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.7 56.1
 148 64.8 32.4 97.0

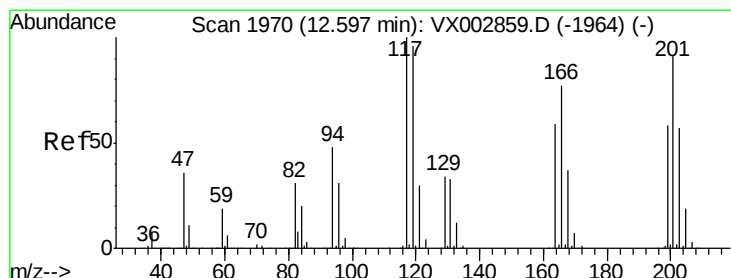
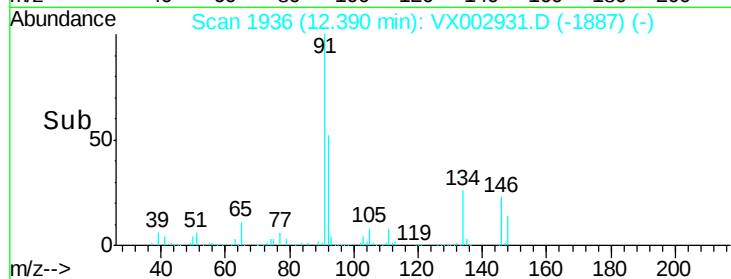
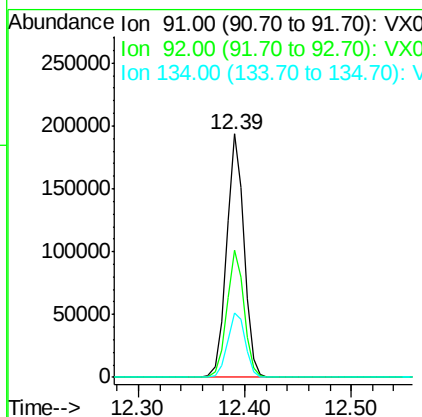
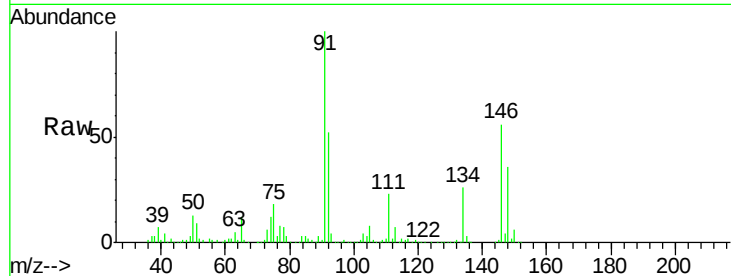




#89
n-Butylbenzene
Concen: 19.40 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

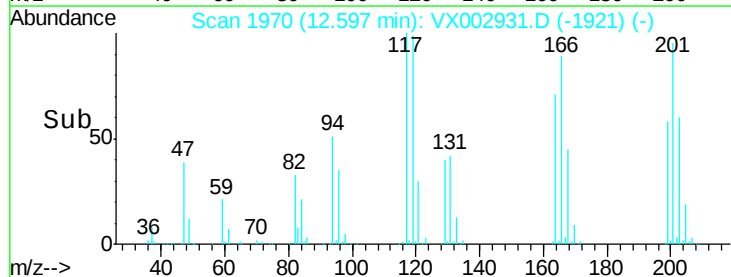
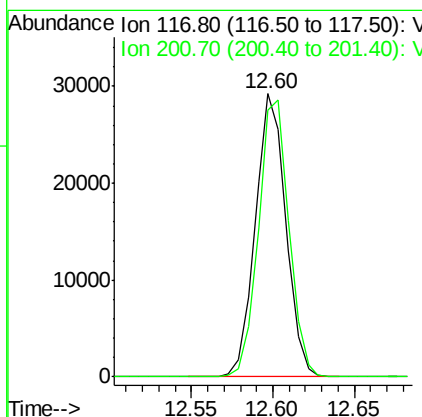
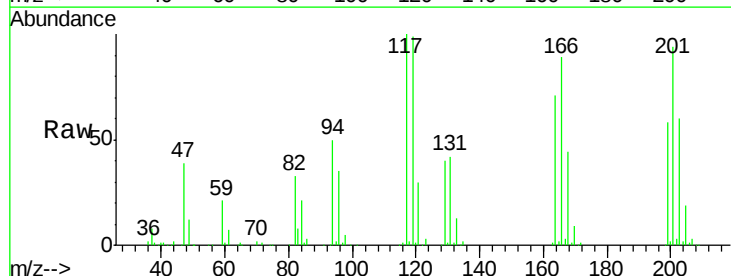
Instrument :
MSVOA_X
ClientSampleId :

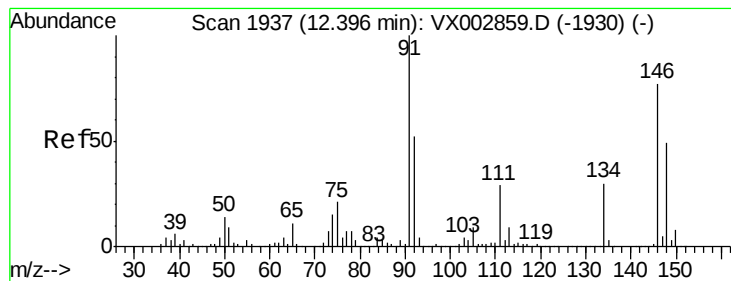
Tot Ion: 91 Resp: 221012
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 27.4 13.5 40.5



#90
Hexachloroethane
Concen: 19.43 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002931.D
Acq: 27 Jun 2018 12:59

Tgt Ion: 117 Resp: 37828
Ion Ratio Lower Upper
117 100
201 97.7 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.63 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

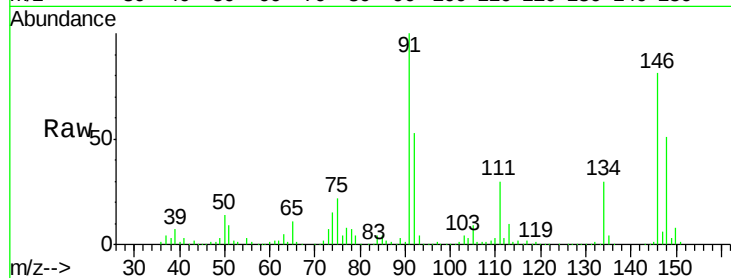
Tot Ion:146 Resp: 149002

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

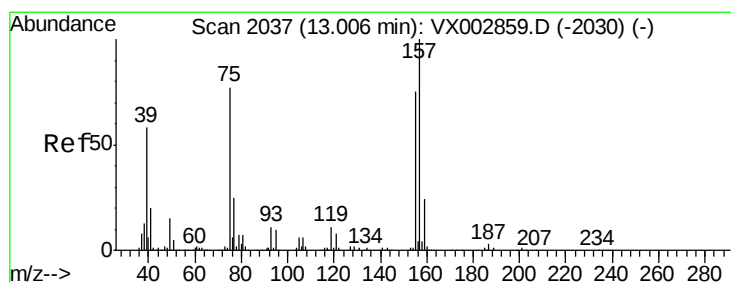
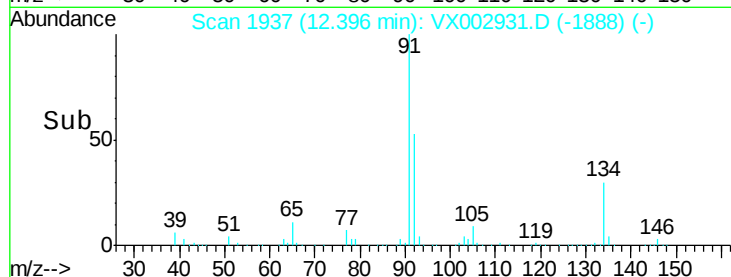
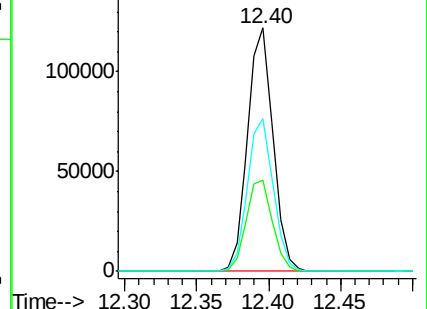
148 63.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.20 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

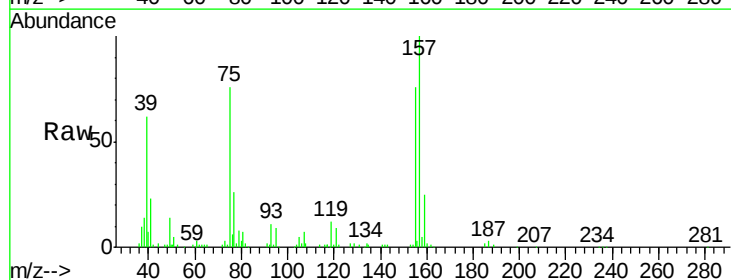
Tgt Ion: 75 Resp: 19224

Ion Ratio Lower Upper

75 100

155 92.6 45.8 137.4

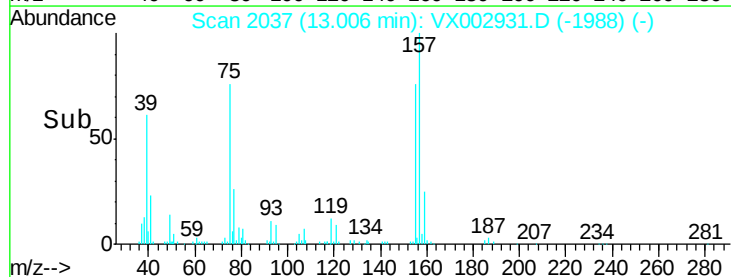
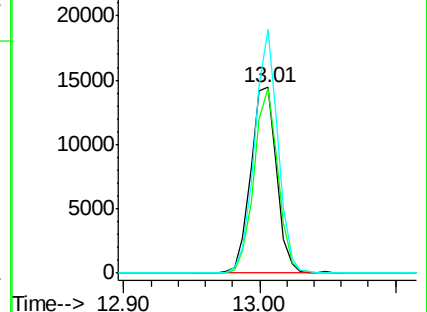
157 117.9 60.1 180.3

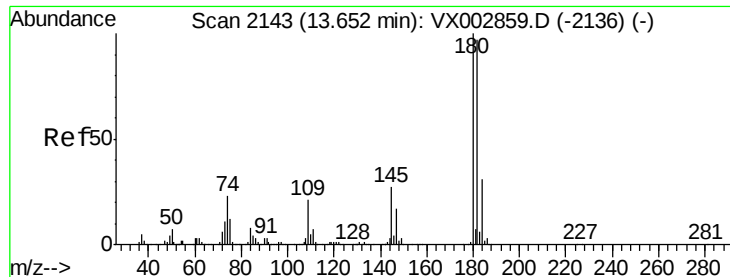


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

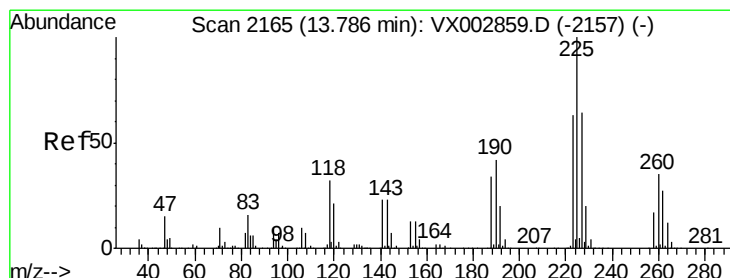
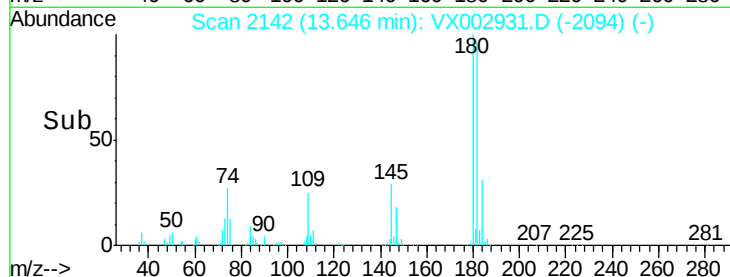
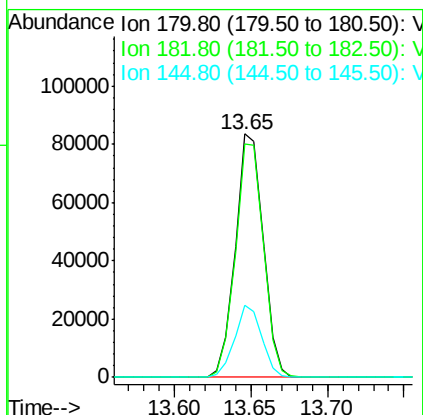
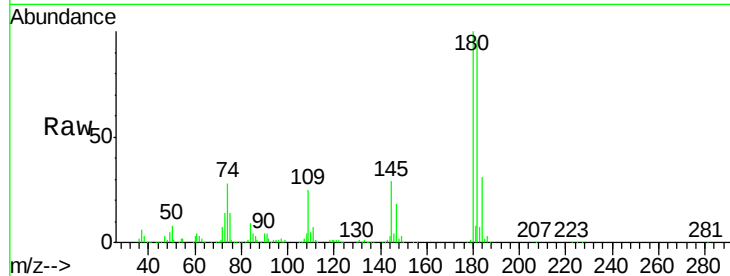




#93
 1,2,4-Trichlorobenzene
 Concen: 19.05 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

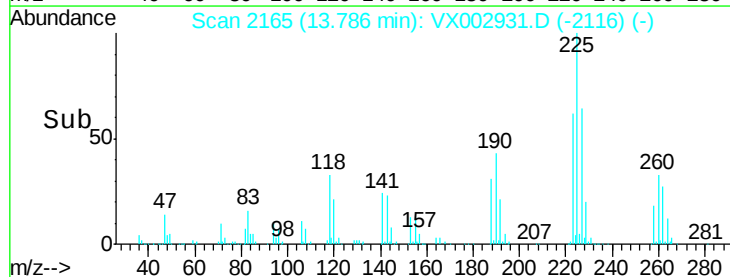
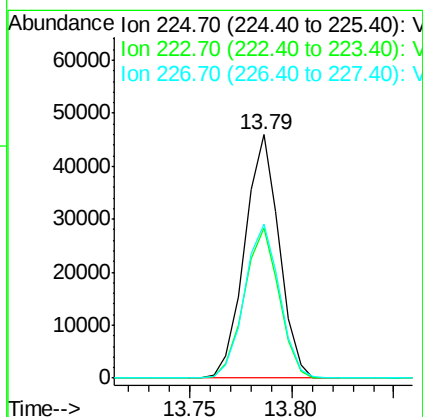
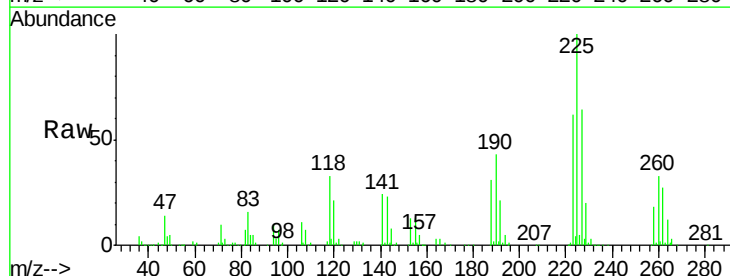
Instrument :
 MSVOA_X
 ClientSampleId :

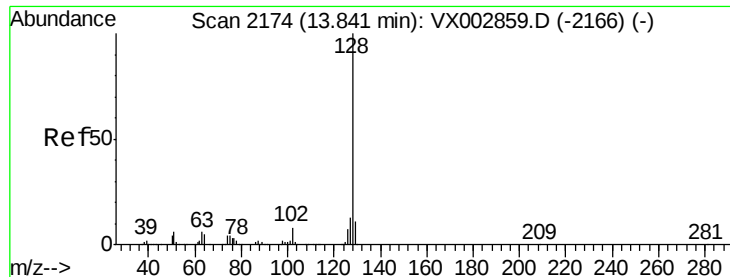
Tot Ion:180 Resp: 105264
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.7 143.1
 145 28.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.53 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002931.D
 Acq: 27 Jun 2018 12:59

Tgt Ion:225 Resp: 53821
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 64.4 32.4 97.2





#95

Naphthalene

Concen: 20.03 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

Instrument :

MSVOA_X

ClientSampleId :

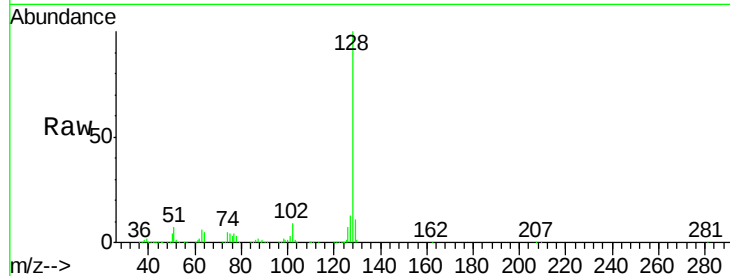
Tot Ion:128 Resp: 294770

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

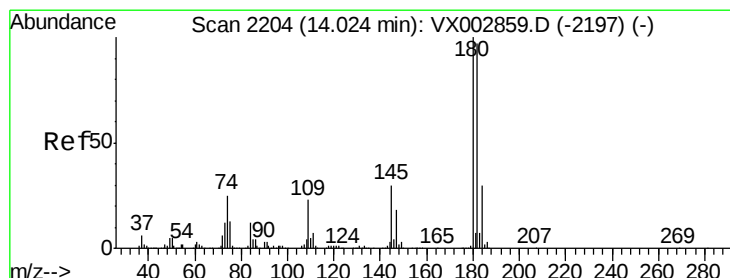
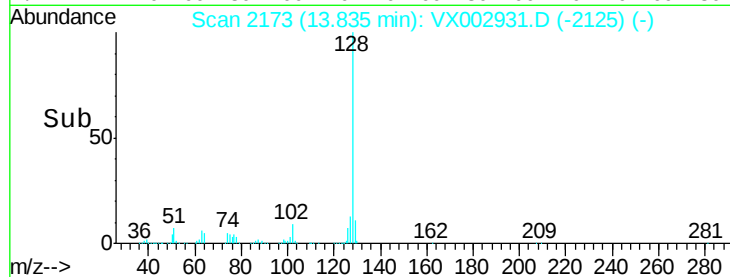
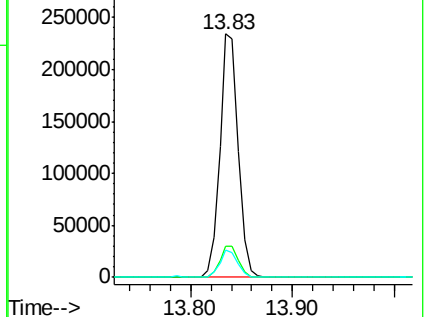
129 10.8 8.6 13.0



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: 19.71 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002931.D

Acq: 27 Jun 2018 12:59

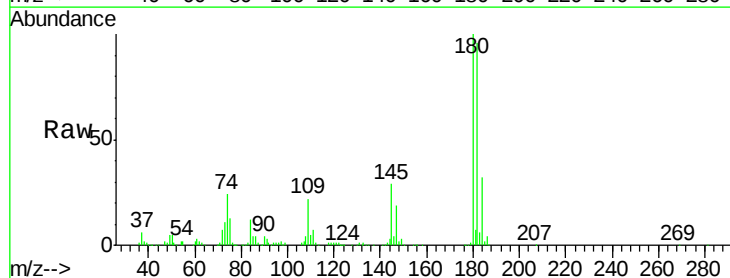
Tgt Ion:180 Resp: 108756

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.0

145 29.9 14.8 44.3



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

