

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002950.D
 Acq On : 27 Jun 2018 21:22
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 03:17:24 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	267248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185325	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.51	113	148735	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.72	98	543122	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	211059	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150944	63.34	ug/l	99
3) Chloromethane	1.32	50	149878	60.75	ug/l	100
4) Vinyl Chloride	1.40	62	160523	53.11	ug/l	99
5) Bromomethane	1.64	94	62717	44.14	ug/l	99
6) Chloroethane	1.72	64	99432	56.34	ug/l	100
7) Trichlorofluoromethane	1.93	101	254344	49.89	ug/l	99
8) Diethyl Ether	2.19	74	91140	49.18	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	142010	48.07	ug/l	99
10) Methyl Iodide	2.51	142	141347	47.53	ug/l	100
11) Tert butyl alcohol	3.08	59	173373	235.61	ug/l	100
12) 1,1-Dichloroethene	2.37	96	129706	49.21	ug/l	96
13) Acrolein	2.29	56	91918	225.73	ug/l	100
14) Allyl chloride	2.73	41	250068	48.13	ug/l	98
15) Acrylonitrile	3.15	53	387711	246.67	ug/l	99
16) Acetone	2.45	43	359020	234.69	ug/l	99
17) Carbon Disulfide	2.57	76	350576	49.92	ug/l	98
18) Methyl Acetate	2.78	43	180649	42.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	459938	48.54	ug/l	99
20) Methylene Chloride	2.86	84	142364	47.82	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	139787	48.69	ug/l	99
22) Diisopropyl ether	3.87	45	493902	49.73	ug/l	95
23) Vinyl Acetate	3.83	43	2167794	257.78	ug/l	99
24) 1,1-Dichloroethane	3.70	63	264835	49.06	ug/l	99
25) 2-Butanone	4.71	43	570406	251.25	ug/l	99
26) 2,2-Dichloropropane	4.59	77	176110	40.12	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	160689	49.92	ug/l	92
28) Bromochloromethane	5.03	49	130340	50.45	ug/l	94
29) Tetrahydrofuran	5.17	42	368382	253.03	ug/l	98
30) Chloroform	5.22	83	276742	49.96	ug/l	98
31) Cyclohexane	5.58	56	239384	51.68	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	246380	50.55	ug/l	99
36) 1,1-Dichloropropene	5.80	75	203282	49.80	ug/l	99
37) Ethyl Acetate	4.87	43	223836	50.93	ug/l	99
38) Carbon Tetrachloride	5.79	117	223266	49.84	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241223	50.73	ug/l	95
40) Benzene	6.15	78	594577	50.13	ug/l	98
41) Methacrylonitrile	5.07	41	126918	50.15	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231009	48.21	ug/l	99
43) Isopropyl Acetate	6.47	43	360940	48.96	ug/l	99
44) Trichloroethene	7.22	130	173280	49.00	ug/l	99
45) 1,2-Dichloropropane	7.52	63	156276	49.67	ug/l	99
46) Dibromomethane	7.67	93	107109	49.05	ug/l	97
47) Bromodichloromethane	7.90	83	203242	50.35	ug/l	99
48) Methyl methacrylate	7.78	41	188933	49.74	ug/l	98
49) 1,4-Dioxane	7.76	88	70990	960.66	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1185386	257.02	ug/l	99
52) Toluene	8.79	92	389307	51.24	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	231822	50.71	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	215700	49.04	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	156143	50.01	ug/l	98
56) Ethyl methacrylate	9.18	69	238817	52.33	ug/l	97
57) 1,3-Dichloropropane	9.38	76	255872	49.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	562398	255.46	ug/l	99
59) 2-Hexanone	9.50	43	905887	258.44	ug/l	98
60) Dibromochloromethane	9.59	129	167520	50.97	ug/l	100
61) 1,2-Dibromoethane	9.68	107	165612	50.57	ug/l	99
64) Tetrachloroethene	9.34	164	197087	49.20	ug/l	97
65) Chlorobenzene	10.14	112	442517	48.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	164049	49.35	ug/l	100
67) Ethyl Benzene	10.26	91	764322	50.56	ug/l	100
68) m/p-Xylenes	10.36	106	592749	101.74	ug/l	100
69) o-Xylene	10.70	106	289795	51.09	ug/l	99
70) Styrene	10.71	104	483990	52.51	ug/l	99
71) Bromoform	10.86	173	131039	44.13	ug/l	99
73) Isopropylbenzene	11.02	105	787433	51.00	ug/l	100
74) N-amyl acetate	6.47	43	360940	47.78	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	230838	48.54	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	268163	64.51	ug/l	80
77) Bromobenzene	11.26	156	215186	48.94	ug/l	98
78) n-propylbenzene	11.37	91	893123	50.82	ug/l	100
79) 2-Chlorotoluene	11.42	91	529590	49.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	662122	50.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60829	42.96	ug/l	97
82) 4-Chlorotoluene	11.51	91	623032	49.46	ug/l	99
83) tert-Butylbenzene	11.77	119	653117	50.96	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	684208	50.78	ug/l	99
85) sec-Butylbenzene	11.95	105	790334	50.84	ug/l	100
86) p-Isopropyltoluene	12.07	119	713067	51.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	393830	49.04	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	397825	48.14	ug/l	99
89) n-Butylbenzene	12.39	91	604367	49.68	ug/l	99
90) Hexachloroethane	12.60	117	104310	50.17	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	394460	48.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53930	50.44	ug/l	99

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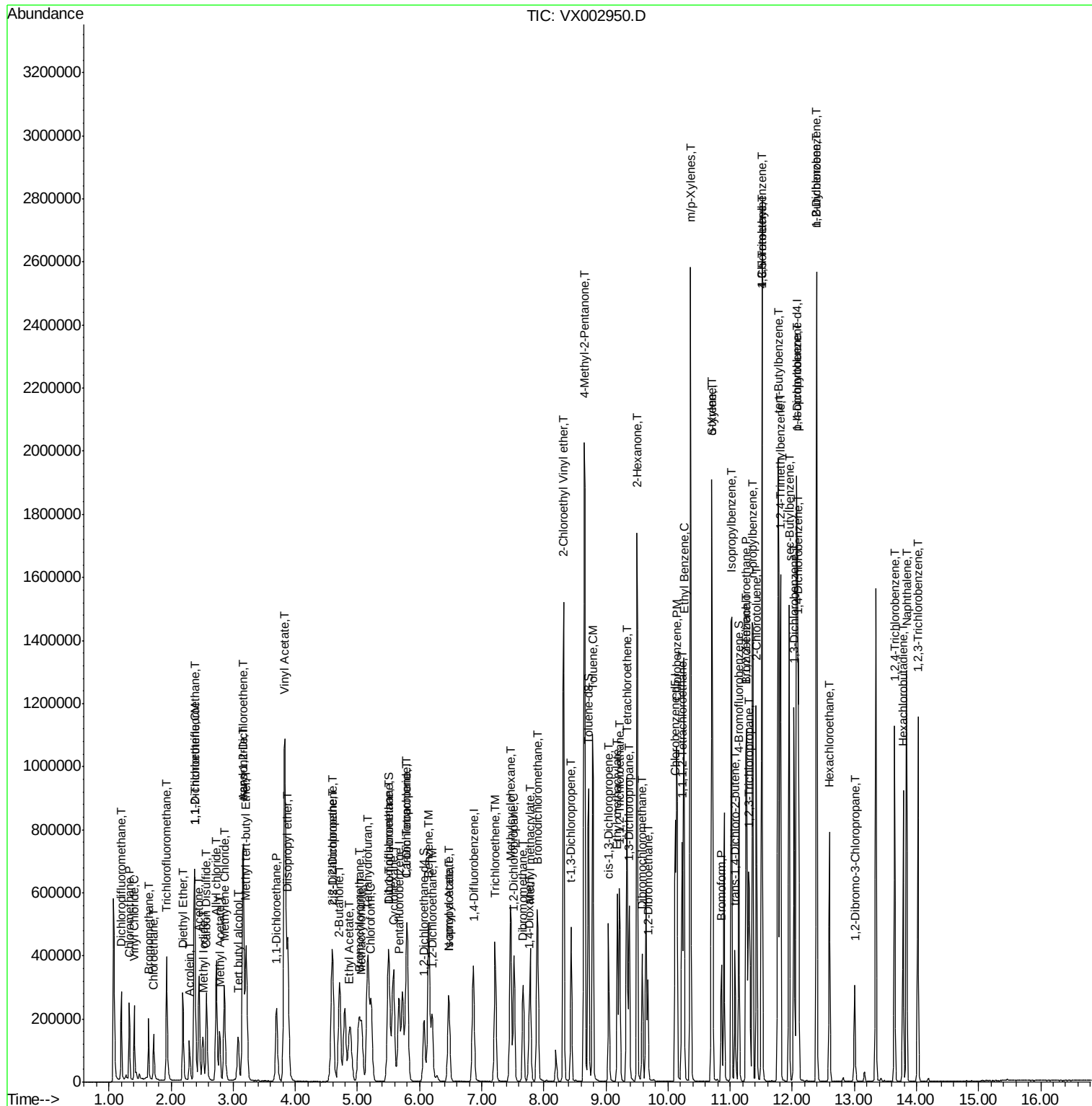
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	290236	49.20	ug/l	100
94) Hexachlorobutadiene	13.79	225	143475	48.77	ug/l	99
95) Naphthalene	13.84	128	813609	51.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	293784	49.86	ug/l	100

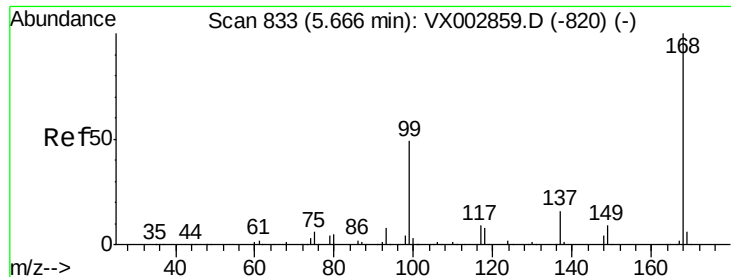
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

Quant Time: Jun 28 03:17:24 2018
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

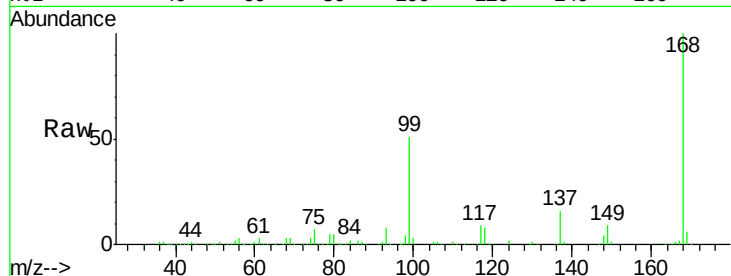
ClientSampleId :

Tot Ion:168 Resp: 267248

Ion Ratio Lower Upper

168 100

99 51.1 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

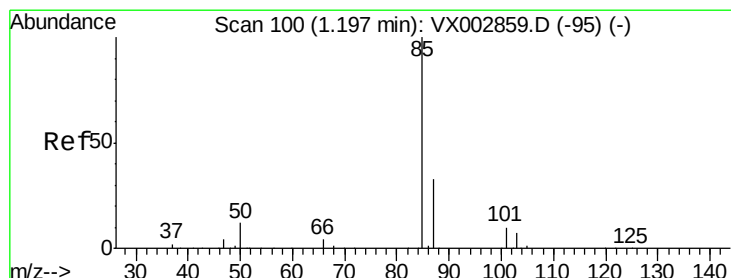
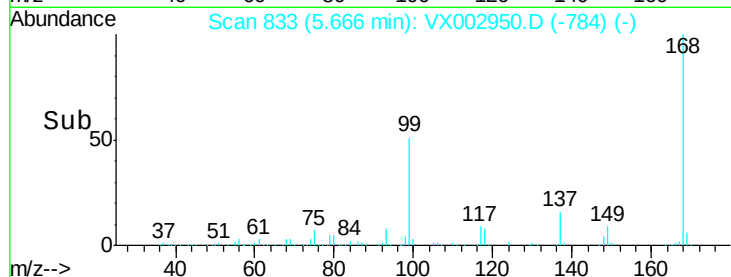
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 63.34 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002950.D

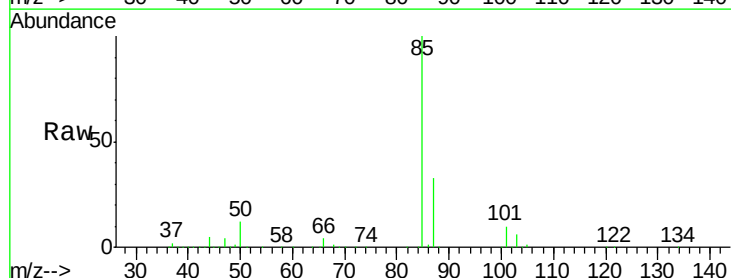
Acq: 27 Jun 2018 21:22

Tgt Ion: 85 Resp: 150944

Ion Ratio Lower Upper

85 100

87 32.7 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

150000

100000

50000

0

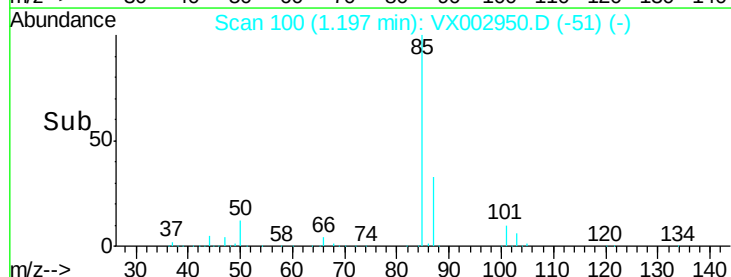
Time-->

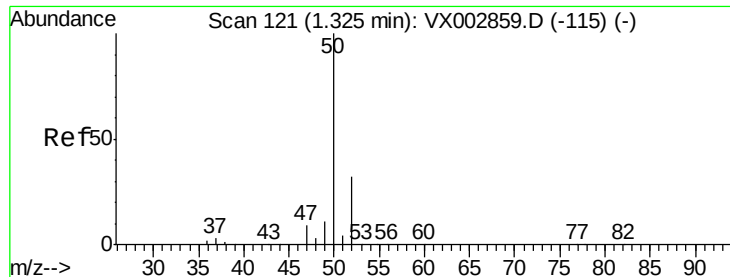
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 60.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

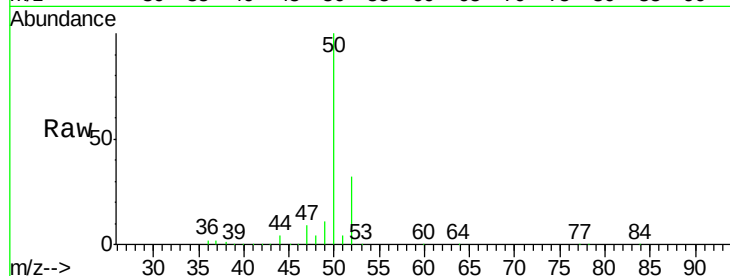
ClientSampleId :

Tot Ion: 50 Resp: 149878

Ion Ratio Lower Upper

50 100

52 32.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

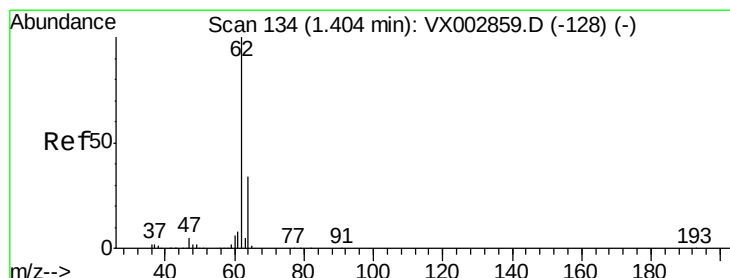
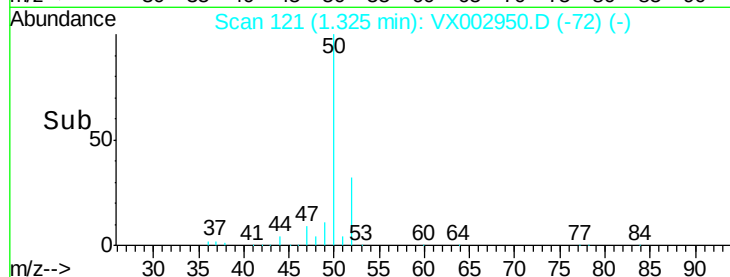
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 53.11 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002950.D

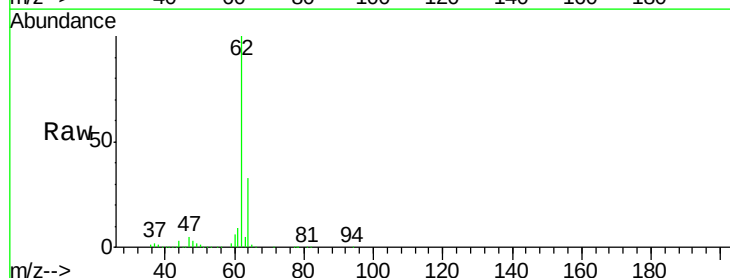
Acq: 27 Jun 2018 21:22

Tgt Ion: 62 Resp: 160523

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

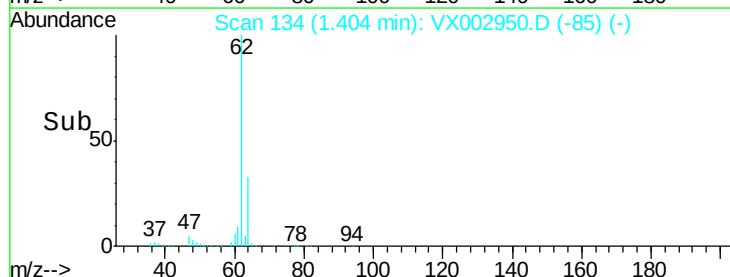
150000

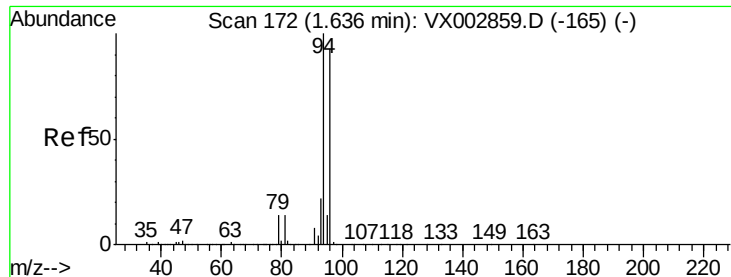
100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 44.14 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

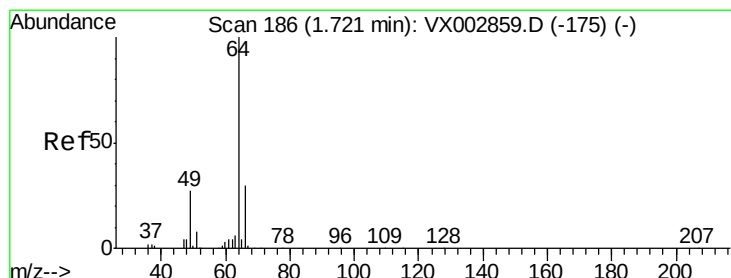
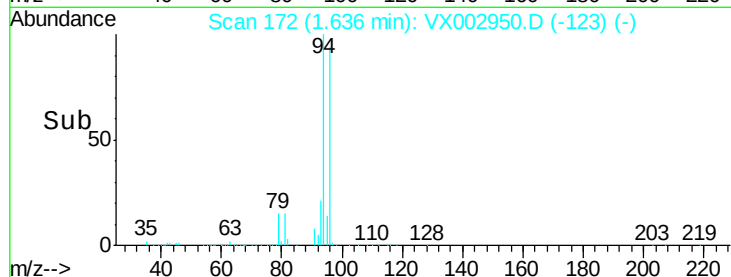
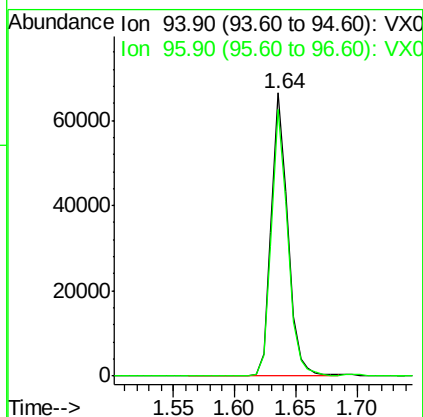
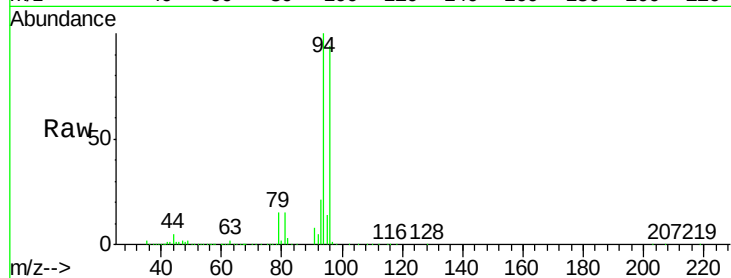
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 62717

Ion Ratio Lower Upper

94 100

96 94.3 74.9 112.3



#6

Chloroethane

Concen: 56.34 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002950.D

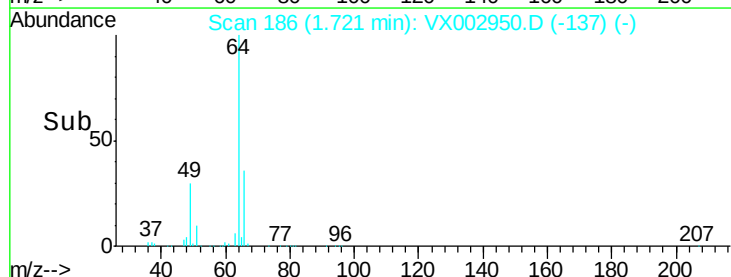
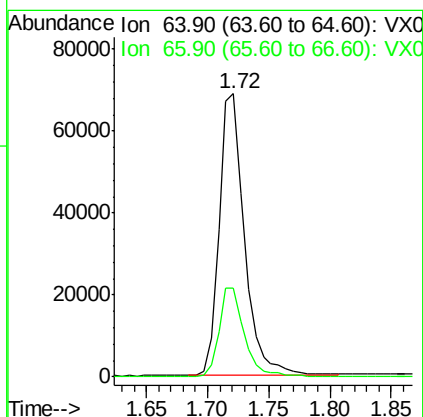
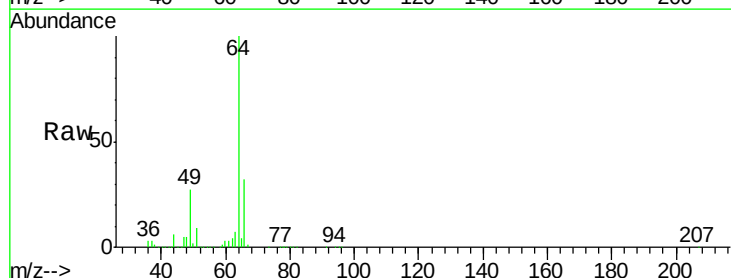
Acq: 27 Jun 2018 21:22

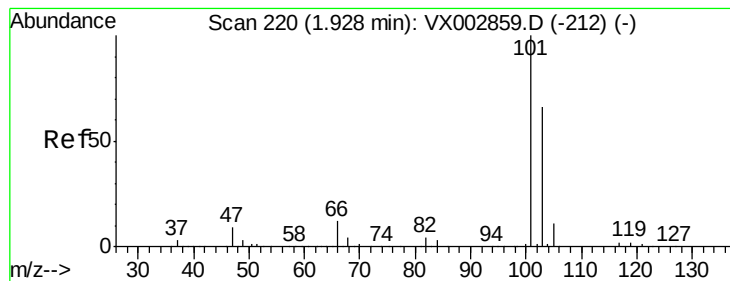
Tgt Ion: 64 Resp: 99432

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



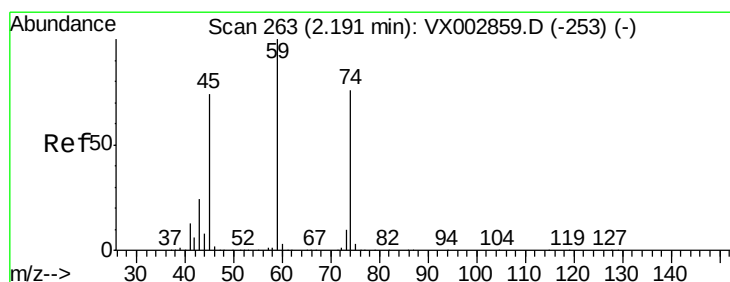
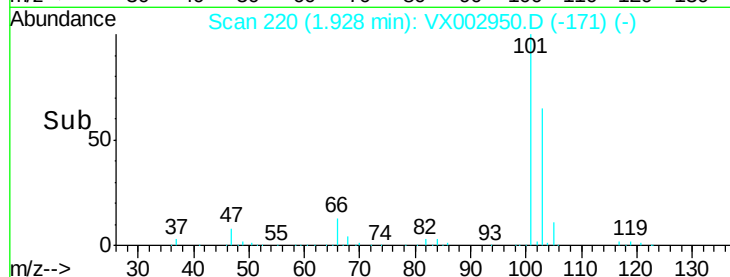
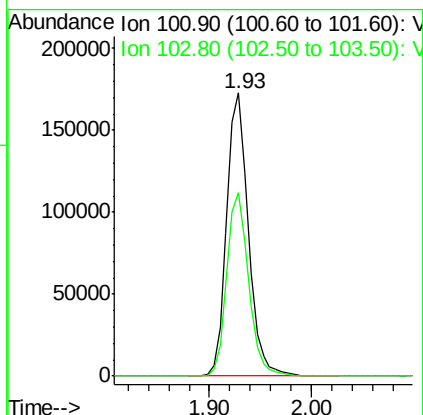
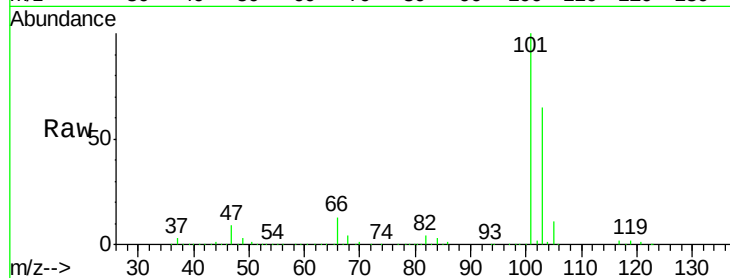


#7

Trichlorofluoromethane
Concen: 49.89 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :

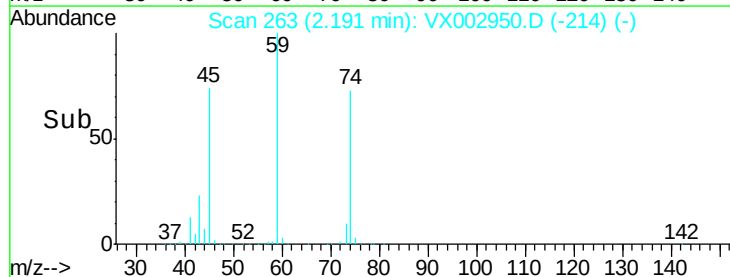
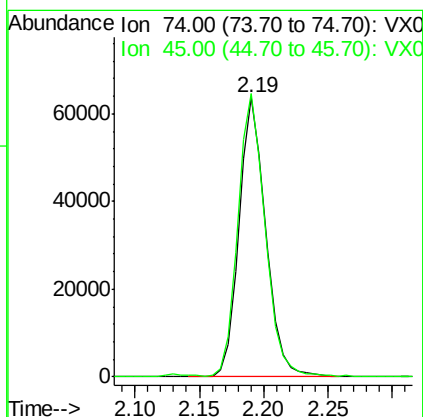
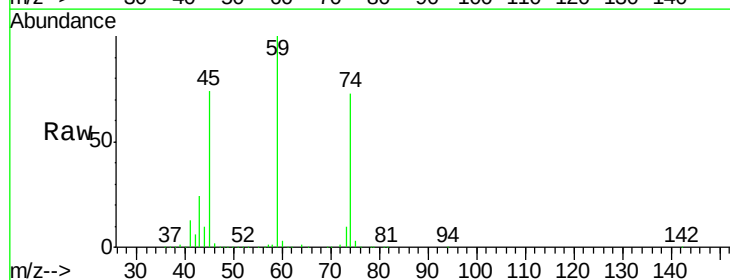
Tot Ion:101 Resp: 254344
Ion Ratio Lower Upper
101 100
103 65.0 52.8 79.2

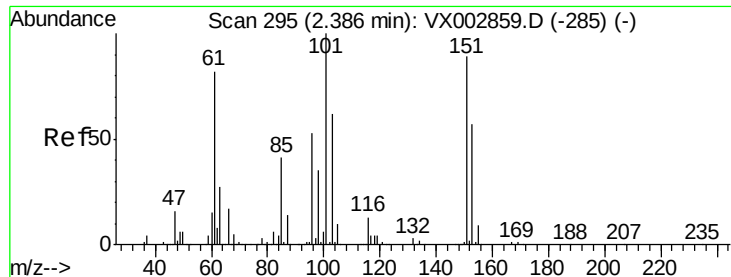


#8

Diethyl Ether
Concen: 49.18 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion: 74 Resp: 91140
Ion Ratio Lower Upper
74 100
45 102.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.07 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

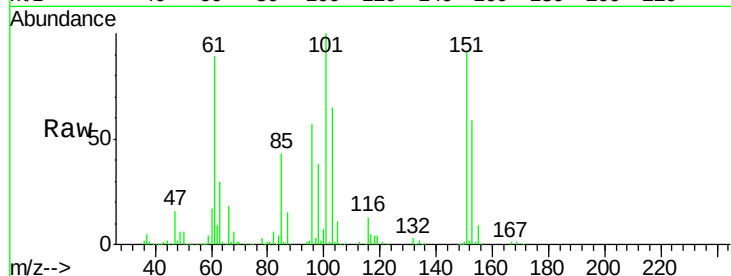
Tot Ion:101 Resp: 142010

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

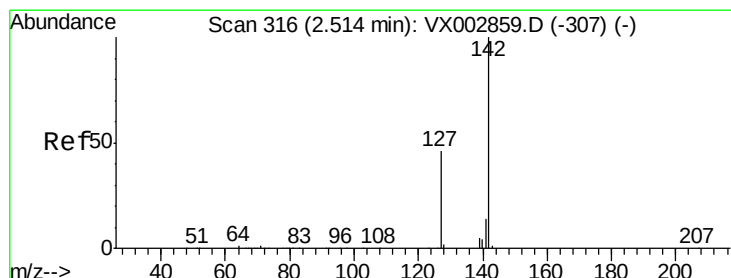
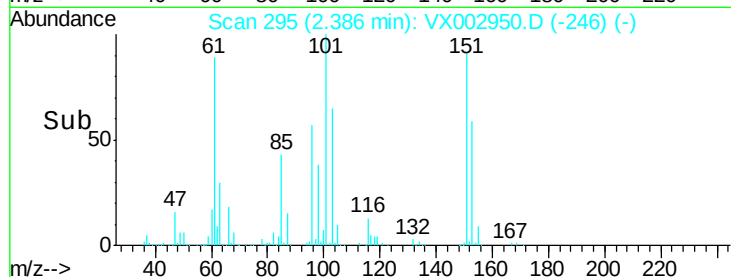
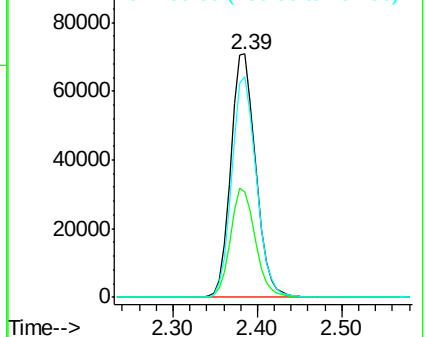
151 89.4 70.9 106.3



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: 47.53 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

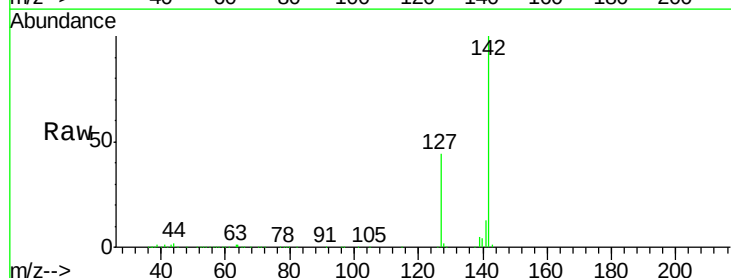
Tgt Ion:142 Resp: 141347

Ion Ratio Lower Upper

142 100

127 45.6 36.6 55.0

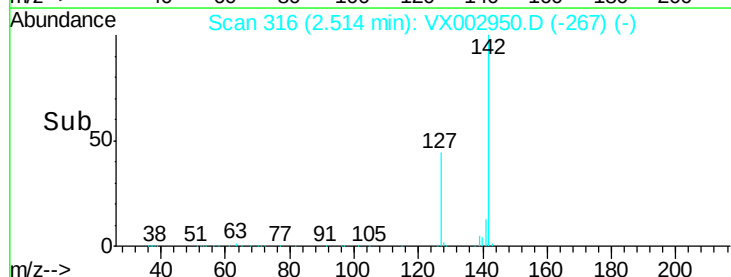
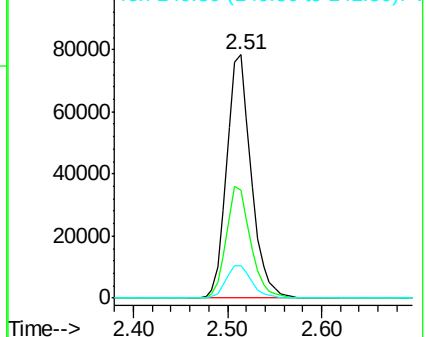
141 14.1 11.3 16.9

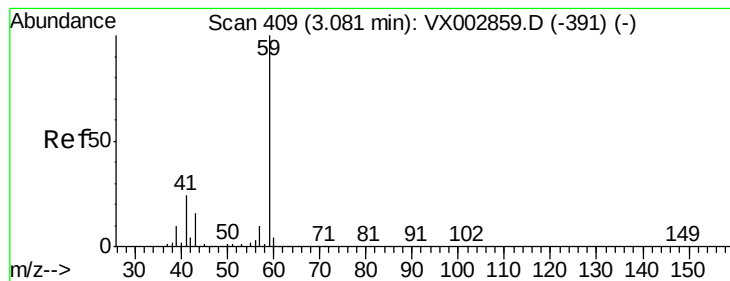


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



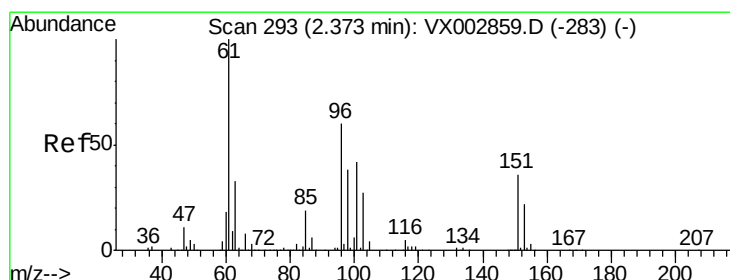
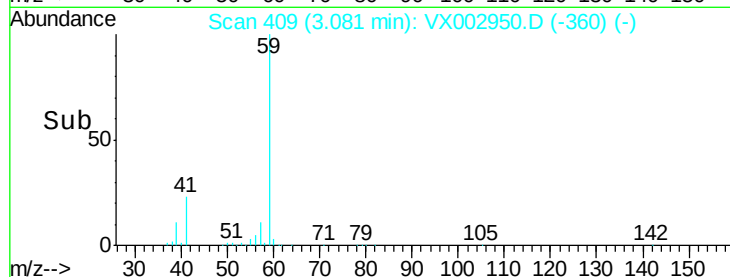
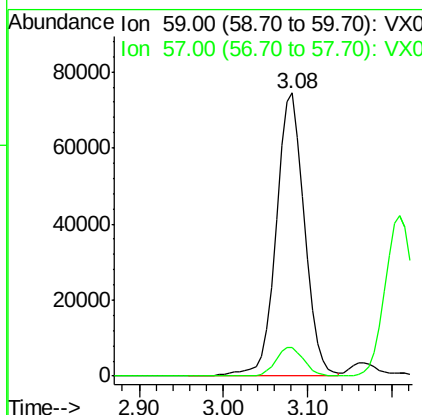
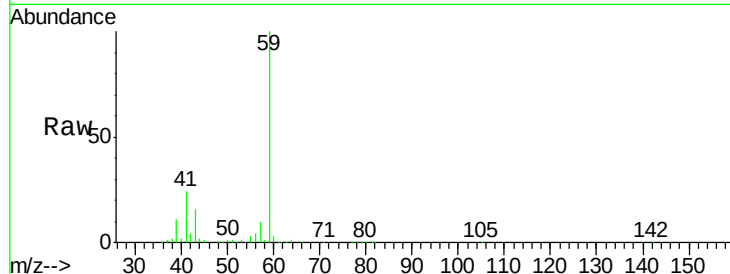


#11

Tert butyl alcohol
 Concen: 235.61 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampled :

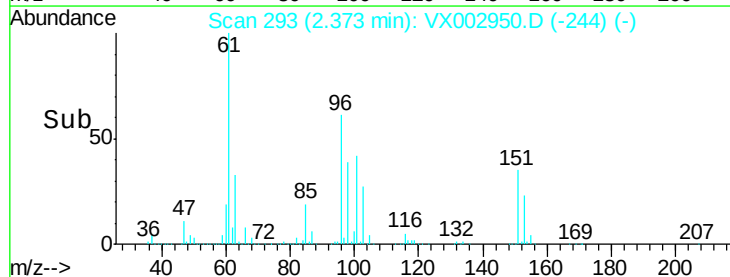
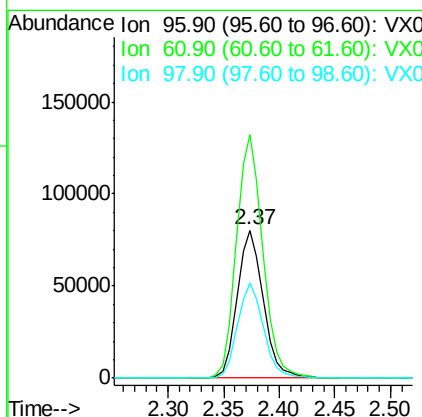
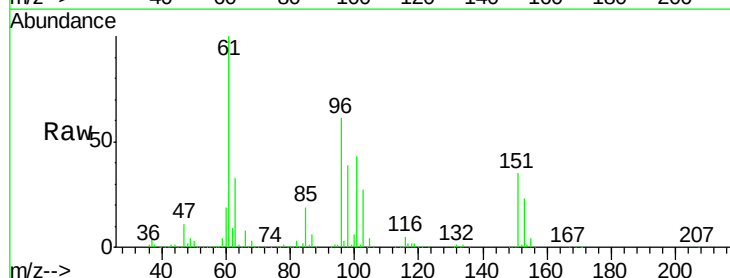
Tot Ion: 59 Resp: 173373
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

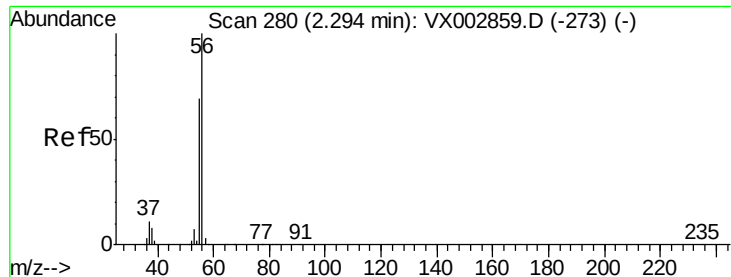


#12

1,1-Dichloroethene
 Concen: 49.21 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion: 96 Resp: 129706
 Ion Ratio Lower Upper
 96 100
 61 164.4 137.9 206.9
 98 64.3 51.6 77.4





#13

Acrolein

Concen: 225.73 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

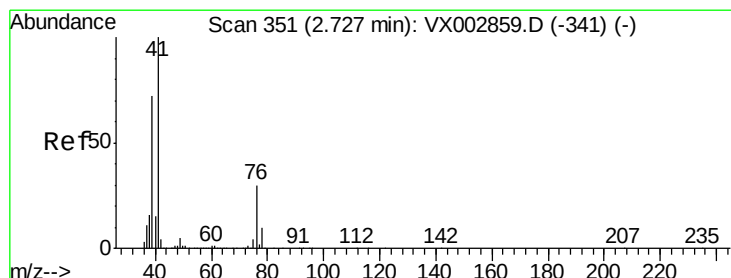
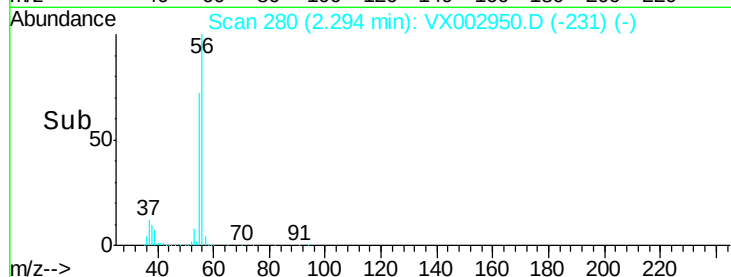
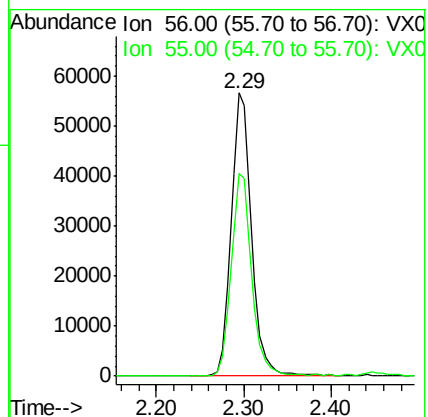
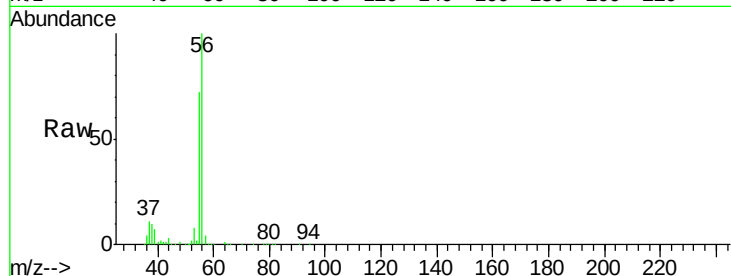
ClientSampleId :

Tot Ion: 56 Resp: 91918

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 48.13 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

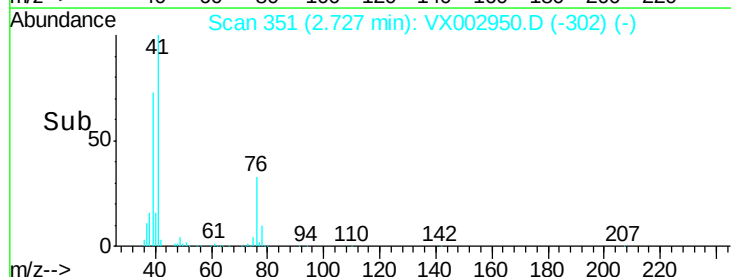
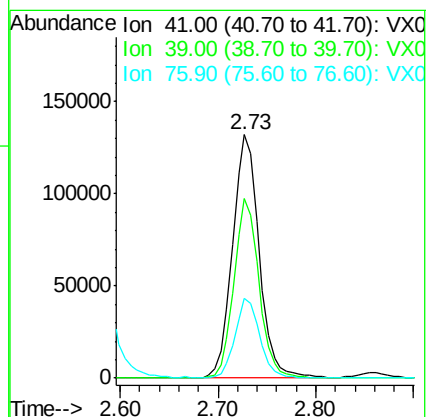
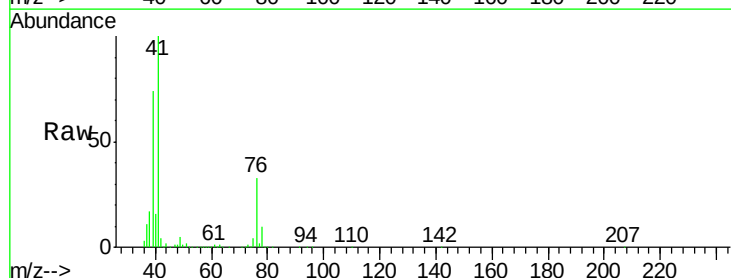
Tgt Ion: 41 Resp: 250068

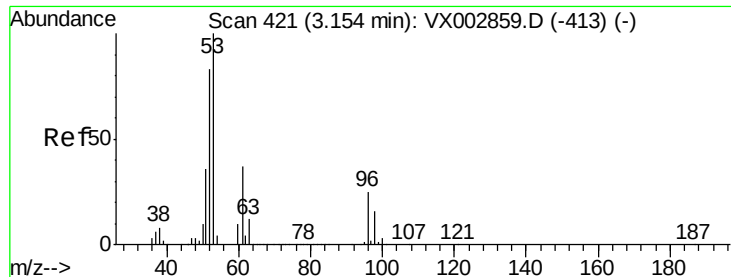
Ion Ratio Lower Upper

41 100

39 69.1 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 246.67 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

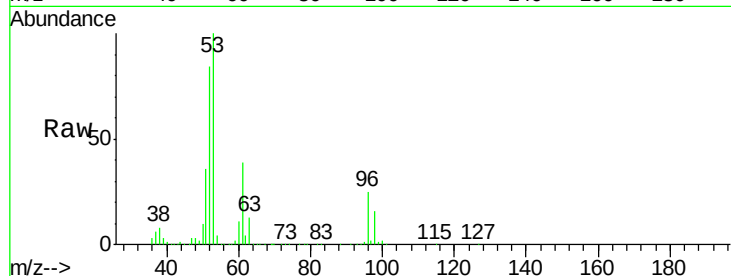
Tot Ion: 53 Resp: 387711

Ion Ratio Lower Upper

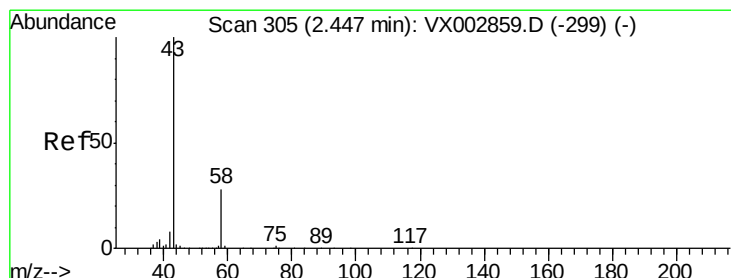
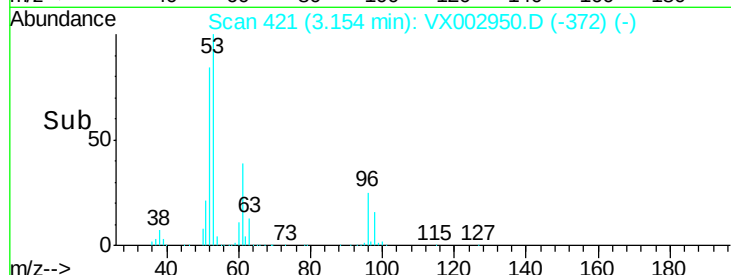
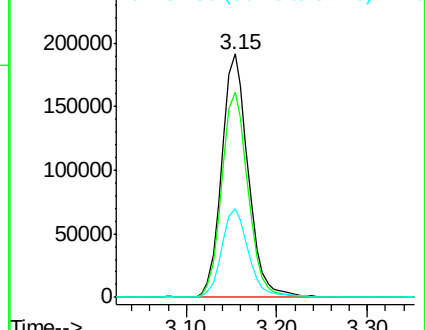
53 100

52 83.9 66.7 100.1

51 36.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 234.69 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX002950.D

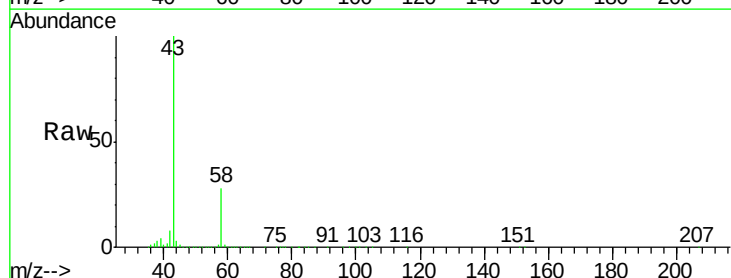
Acq: 27 Jun 2018 21:22

Tgt Ion: 43 Resp: 359020

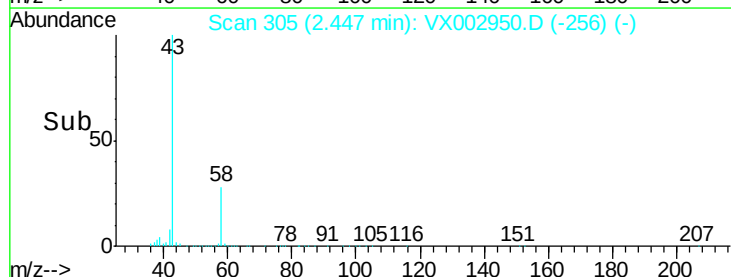
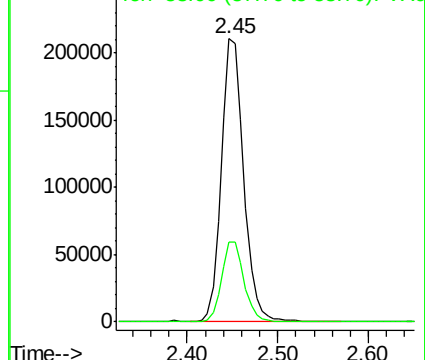
Ion Ratio Lower Upper

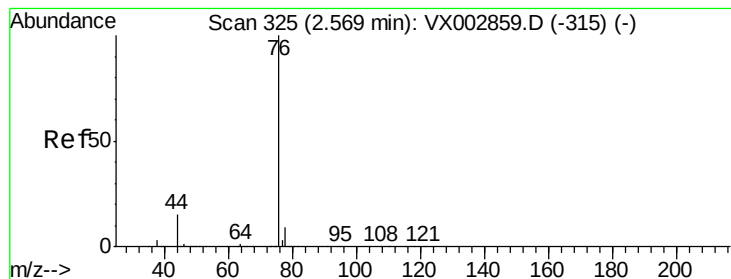
43 100

58 28.4 22.1 33.1



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





#17

Carbon Disulfide

Concen: 49.92 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

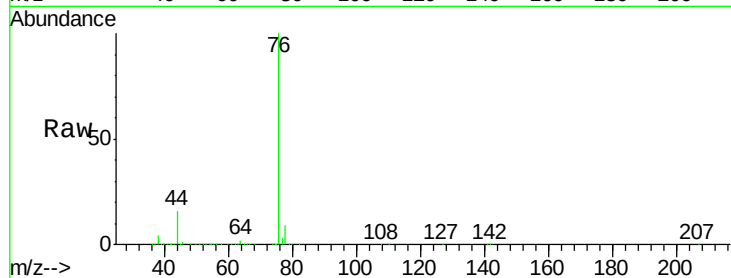
ClientSampleId :

Tot Ion: 76 Resp: 350576

Ion Ratio Lower Upper

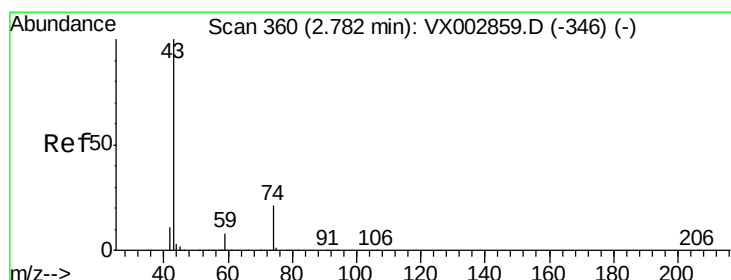
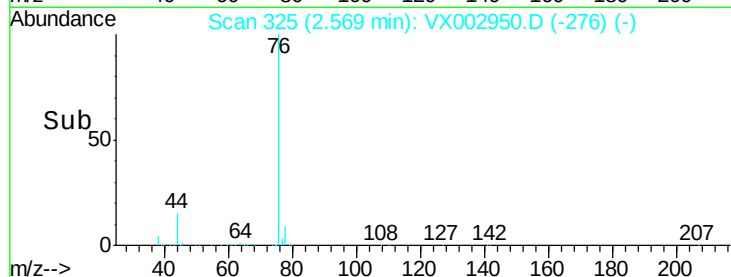
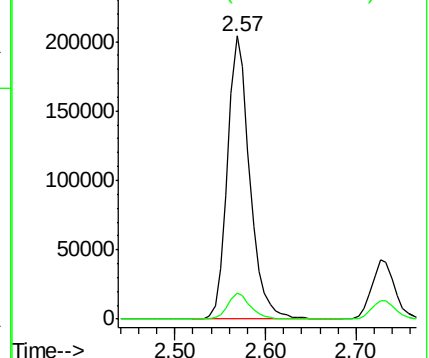
76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 42.24 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002950.D

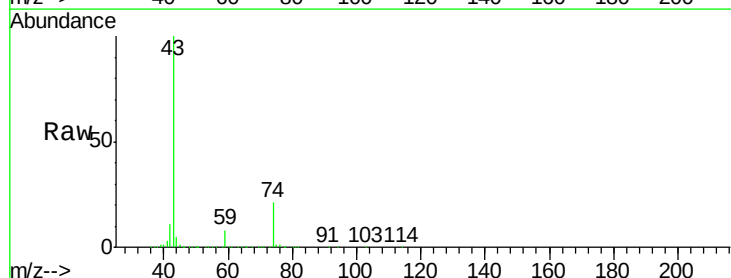
Acq: 27 Jun 2018 21:22

Tgt Ion: 43 Resp: 180649

Ion Ratio Lower Upper

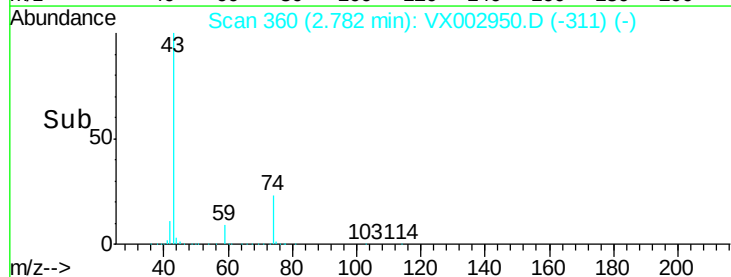
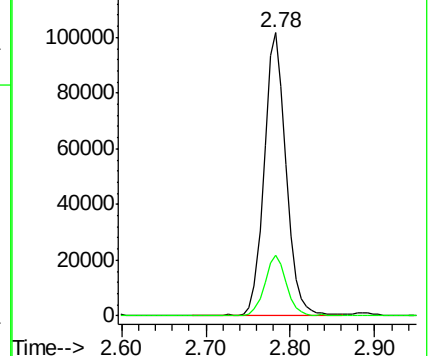
43 100

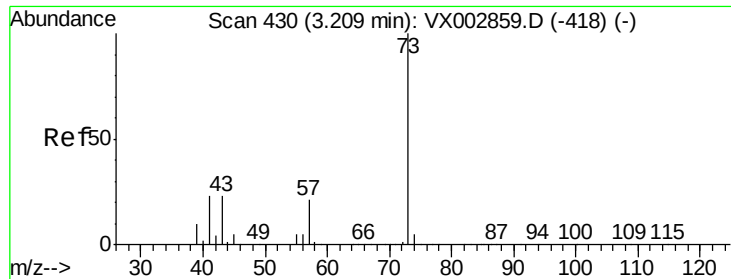
74 20.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



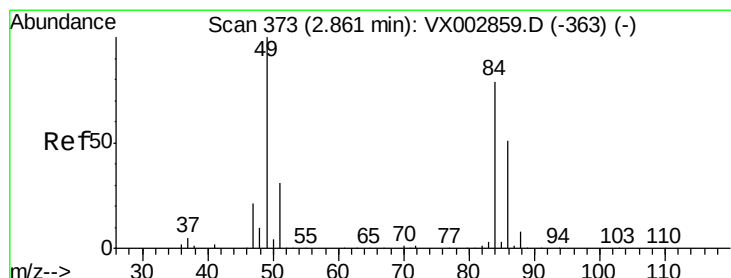
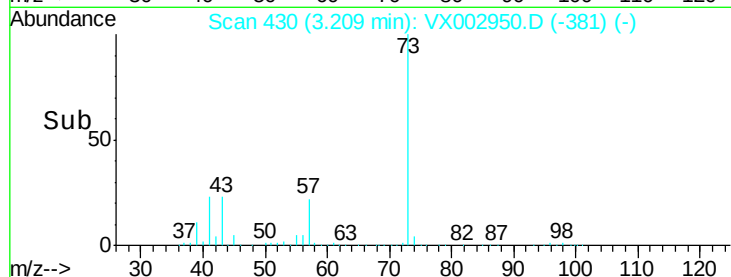
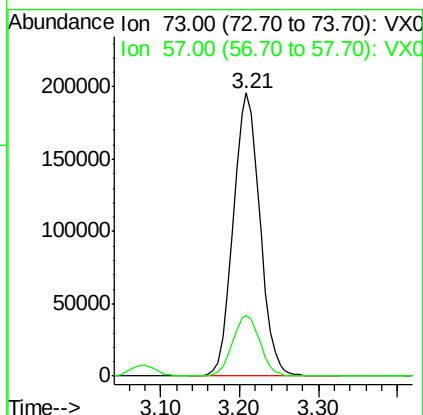
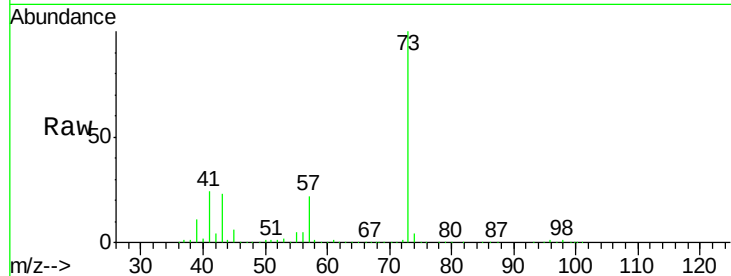


#19

Methyl tert-butyl Ether
 Concen: 48.54 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampled :

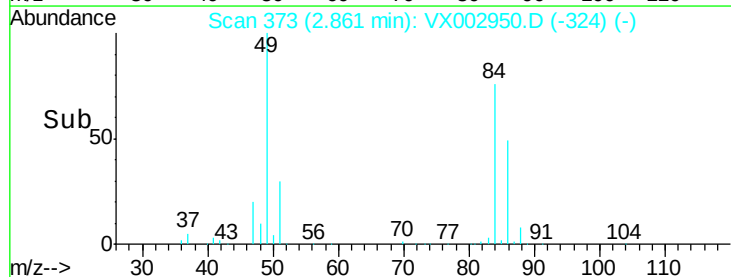
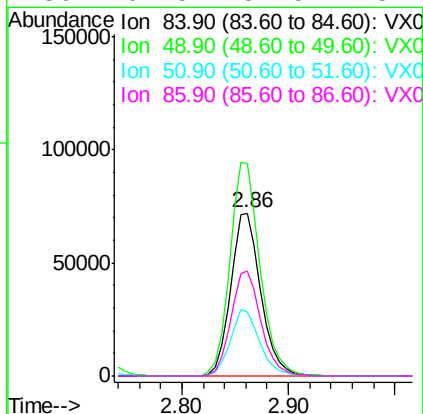
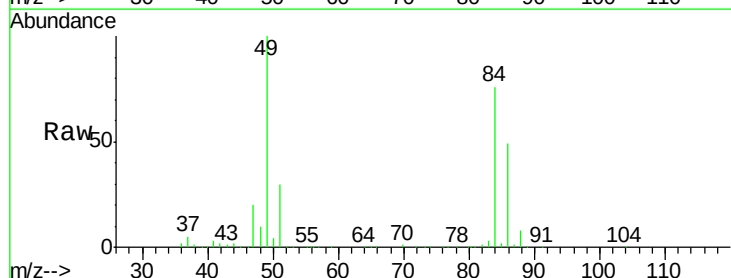
Tot Ion: 73 Resp: 459938
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.7 26.5

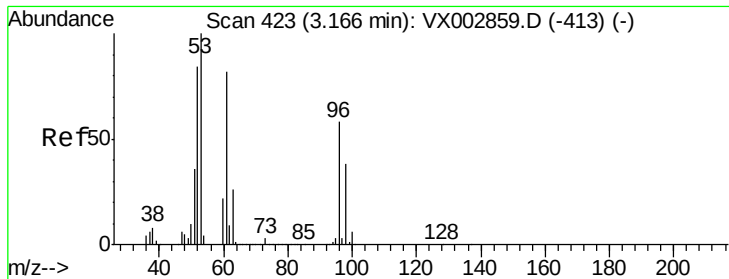


#20

Methylene Chloride
 Concen: 47.82 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion: 84 Resp: 142364
 Ion Ratio Lower Upper
 84 100
 49 130.8 107.8 161.6
 51 39.5 32.8 49.2
 86 64.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

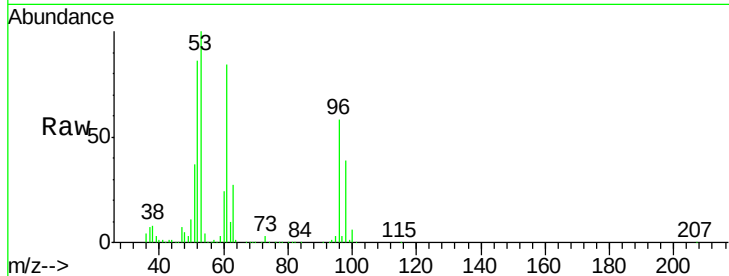
Tot Ion: 96 Resp: 139787

Ion Ratio Lower Upper

96 100

61 144.1 117.0 175.4

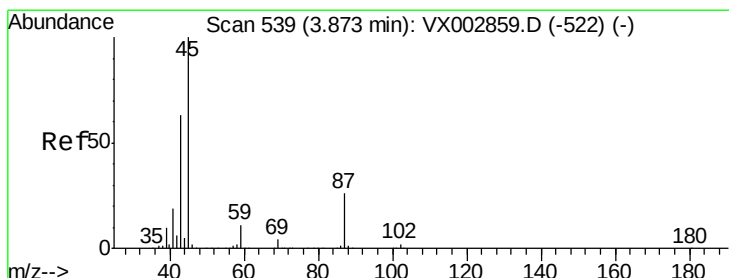
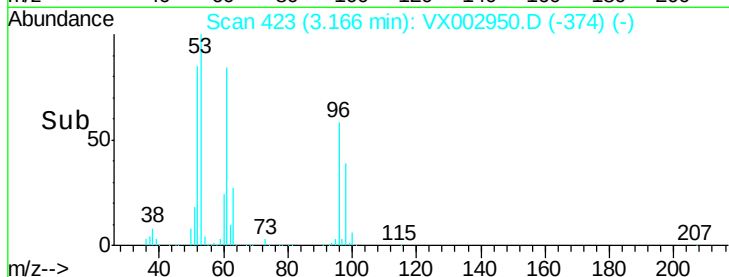
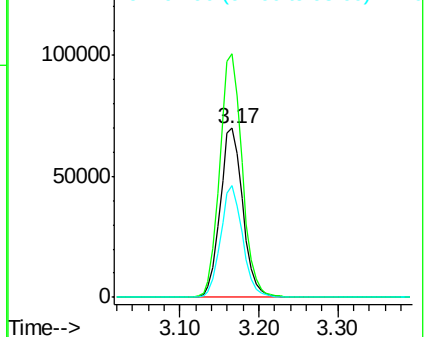
98 66.1 52.4 78.6



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: 49.73 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Tgt Ion: 45 Resp: 493902

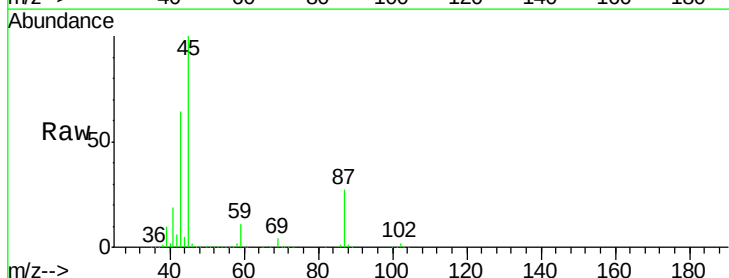
Ion Ratio Lower Upper

45 100

43 63.8 46.8 70.2

87 26.8 20.2 30.4

59 10.9 8.7 13.1

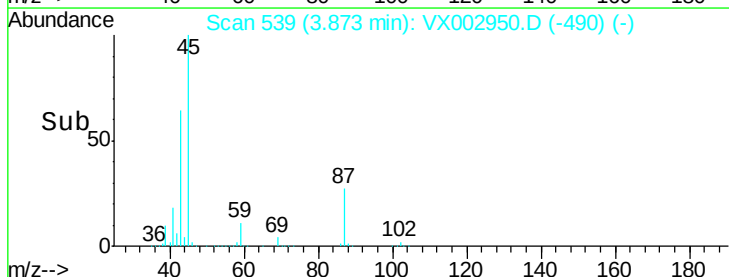
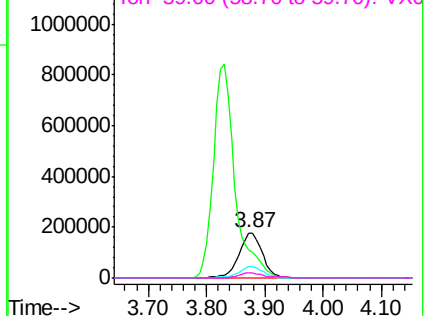


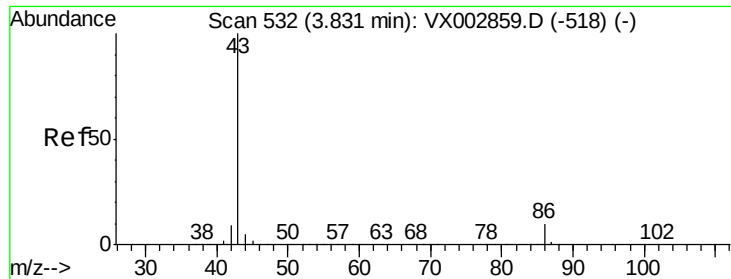
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 257.78 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

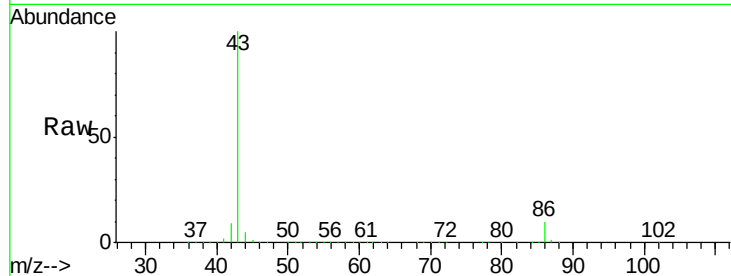
ClientSampled :

Tot Ion: 43 Resp: 2167794

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

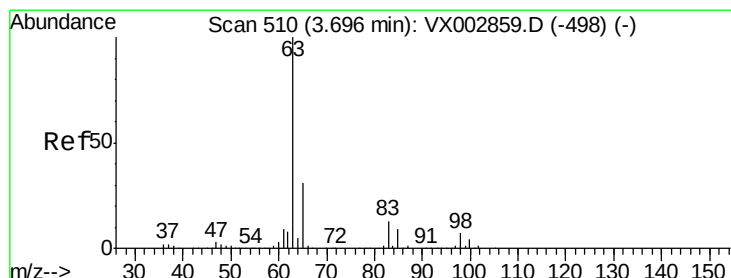
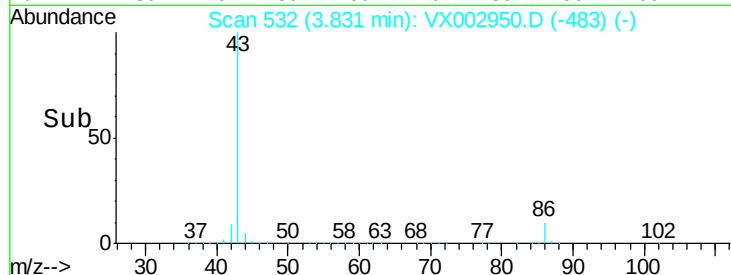
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.06 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

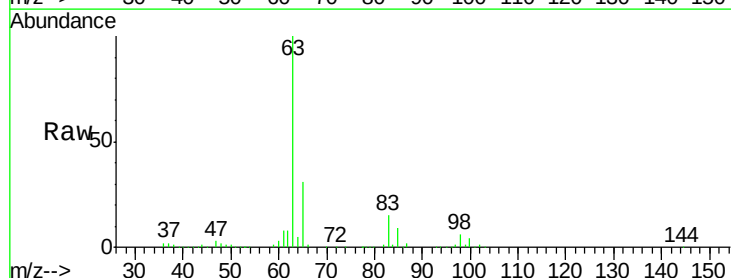
Tgt Ion: 63 Resp: 264835

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

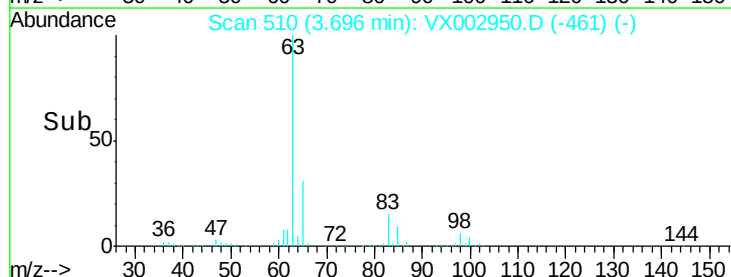
150000

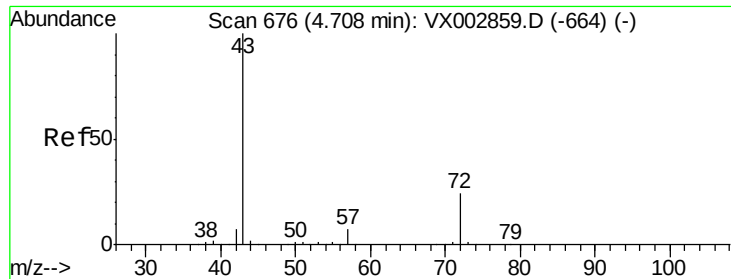
100000

50000

0

Time-->





#25

2-Butanone

Concen: 251.25 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

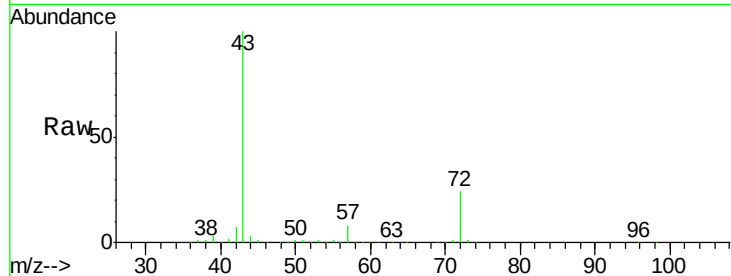
ClientSampleId :

Tot Ion: 43 Resp: 570406

Ion Ratio Lower Upper

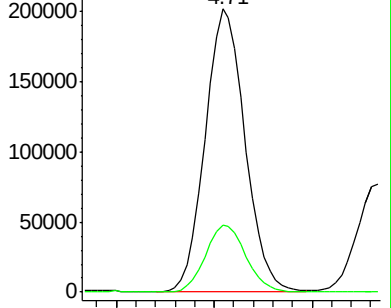
43 100

72 23.7 18.5 27.7

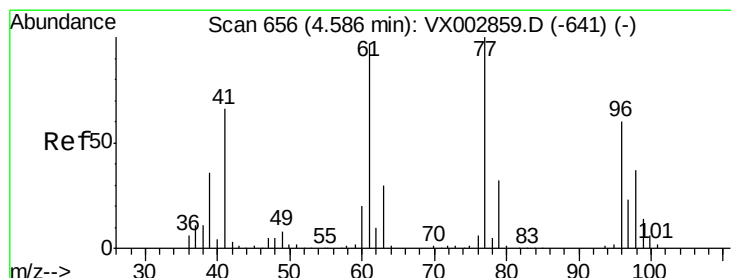
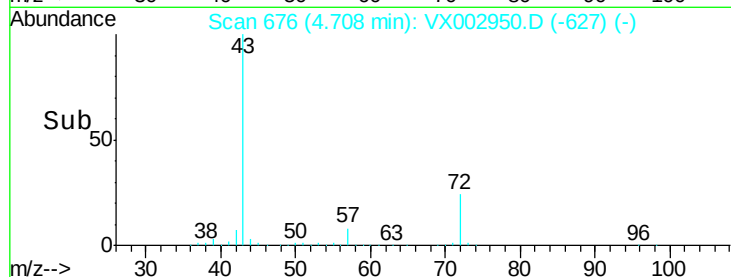


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 40.12 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002950.D

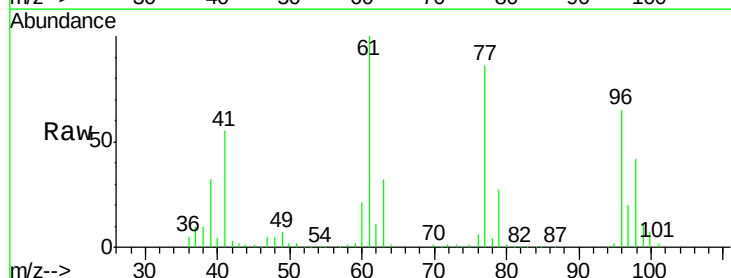
Acq: 27 Jun 2018 21:22

Tgt Ion: 77 Resp: 176110

Ion Ratio Lower Upper

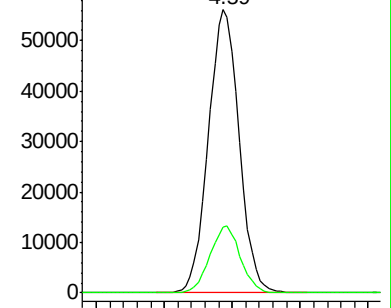
77 100

97 23.3 11.2 33.5

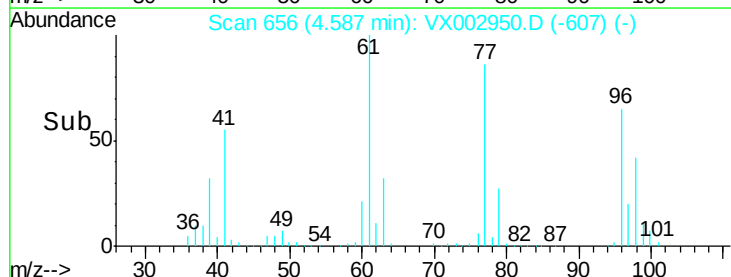


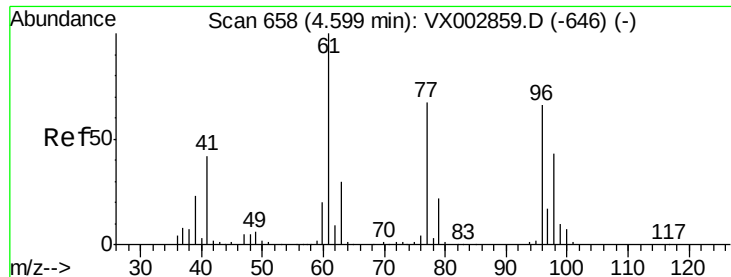
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



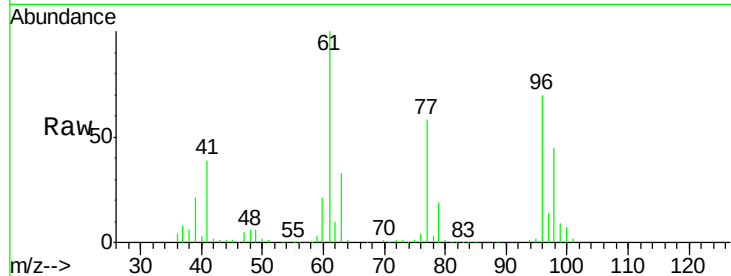


#27

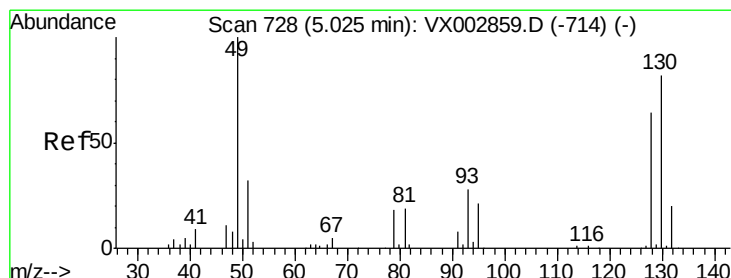
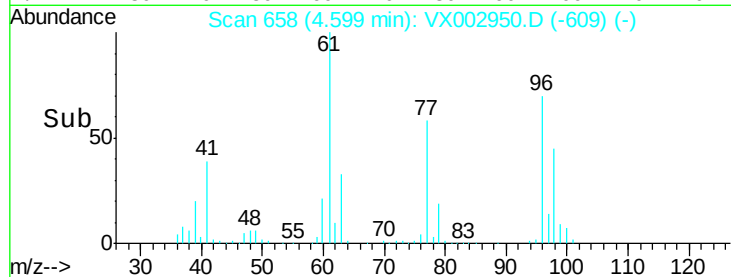
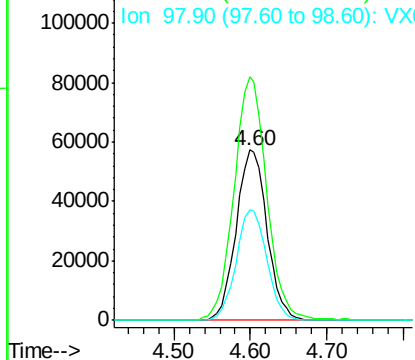
cis-1,2-Dichloroethene
Concen: 49.92 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 160689
Ion Ratio Lower Upper
96 100
61 151.1 0.0 330.2
98 64.8 0.0 130.2



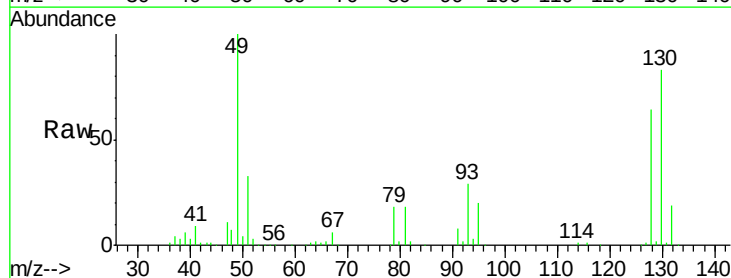
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



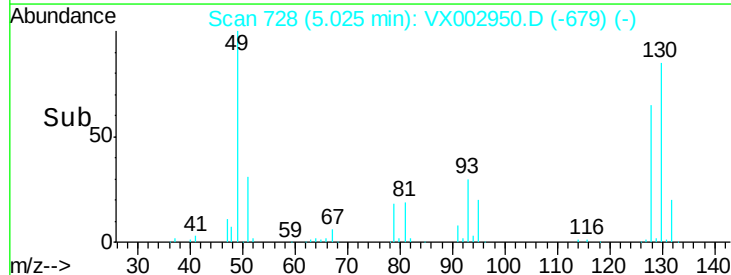
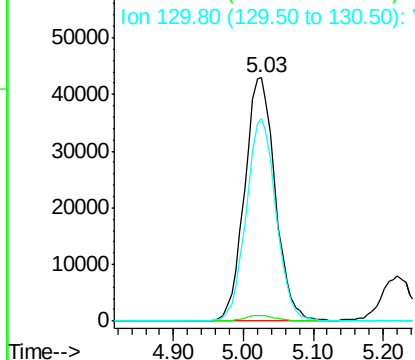
#28

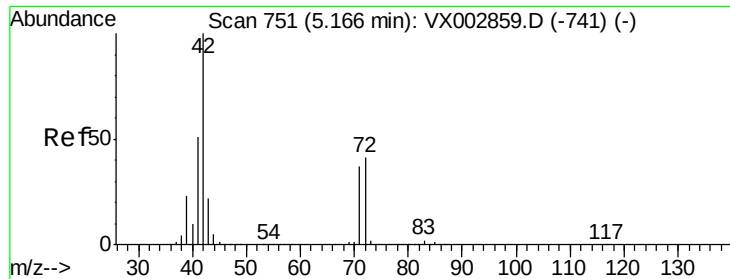
Bromochloromethane
Concen: 50.45 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion: 49 Resp: 130340
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 81.5 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

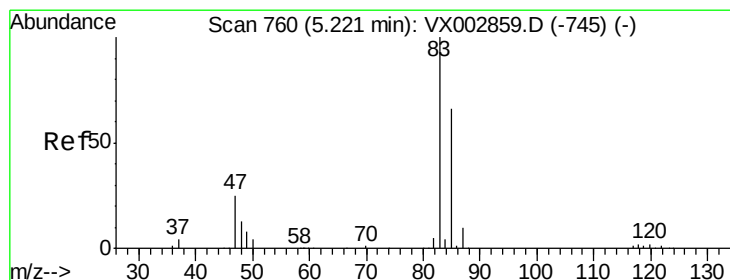
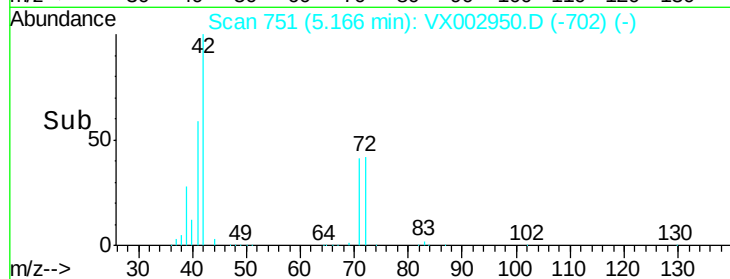
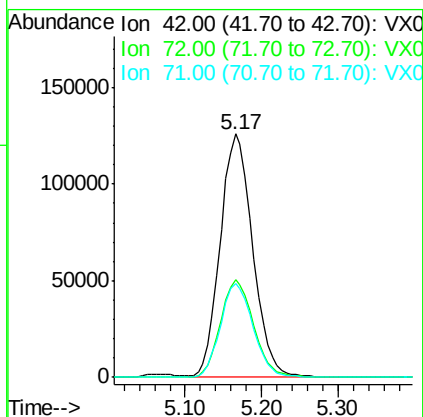
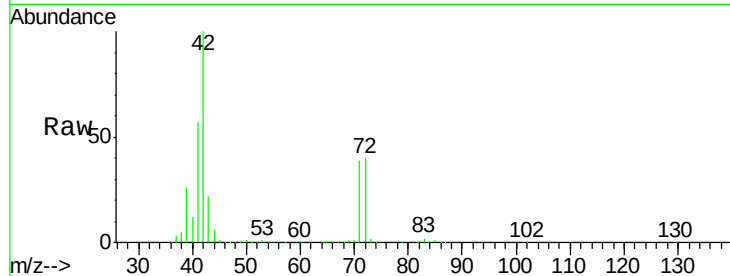




#29
Tetrahydrofuran
Concen: 253.03 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

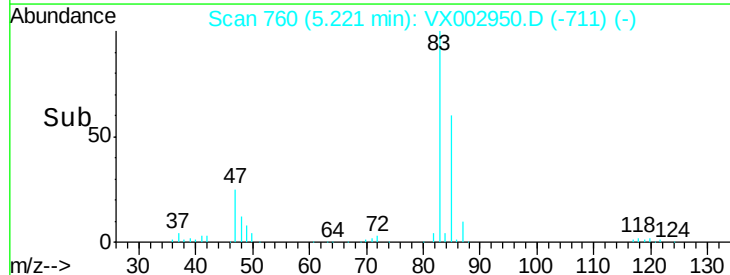
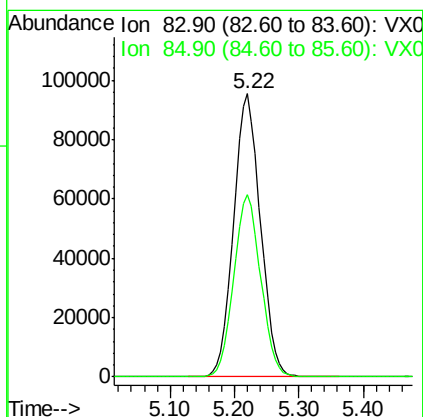
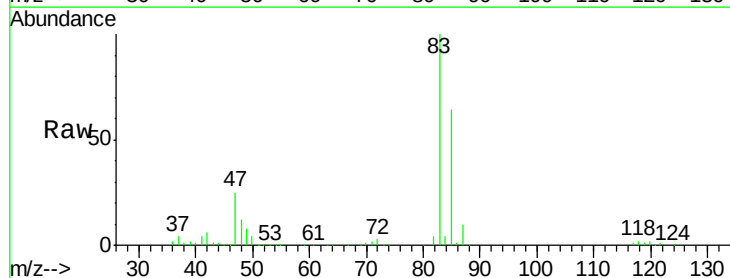
Instrument :
MSVOA_X
ClientSampleId :

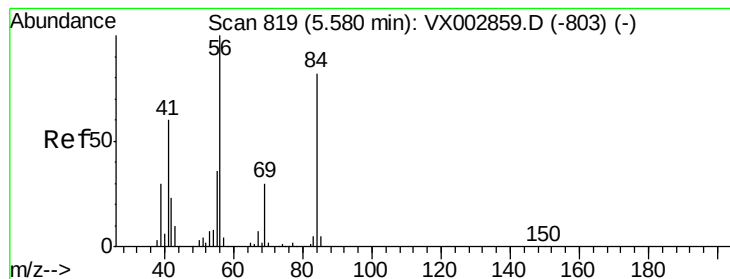
Tot Ion: 42 Resp: 368382
Ion Ratio Lower Upper
42 100
72 41.2 32.0 48.0
71 38.8 30.1 45.1



#30
Chloroform
Concen: 49.96 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion: 83 Resp: 276742
Ion Ratio Lower Upper
83 100
85 64.4 50.4 75.6





#31

Cyclohexane

Concen: 51.68 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampled :

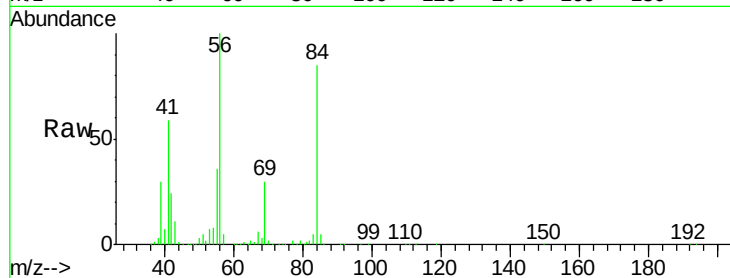
Tot Ion: 56 Resp: 239384

Ion Ratio Lower Upper

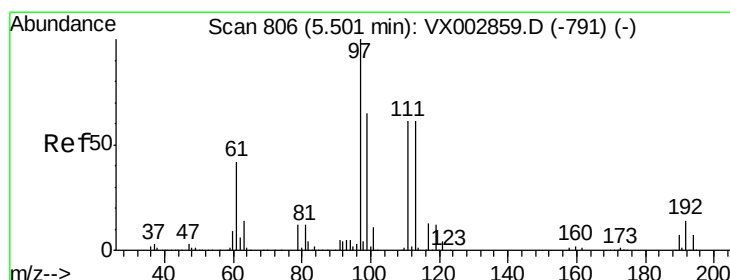
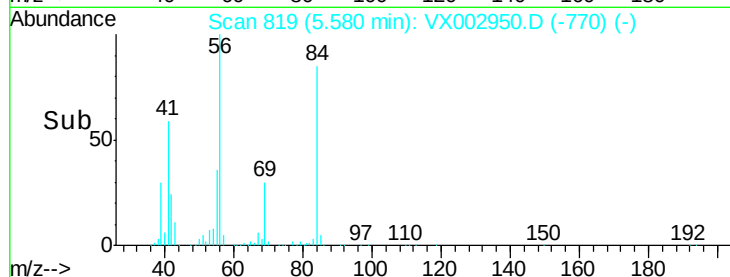
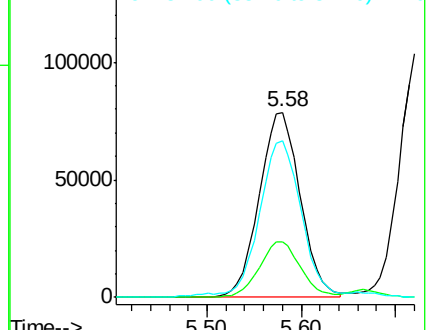
56 100

69 29.8 23.7 35.5

84 83.6 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: 50.55 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

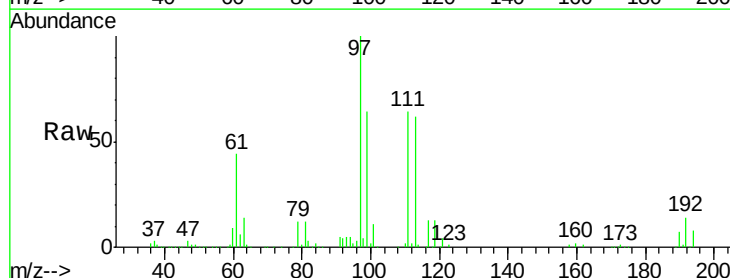
Tgt Ion: 97 Resp: 246380

Ion Ratio Lower Upper

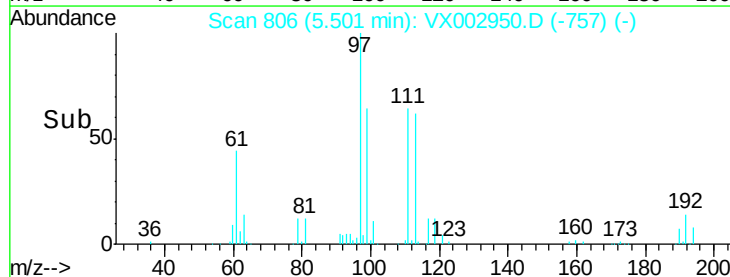
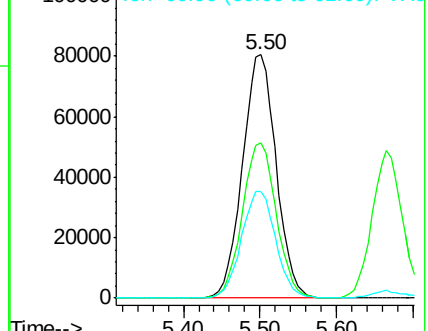
97 100

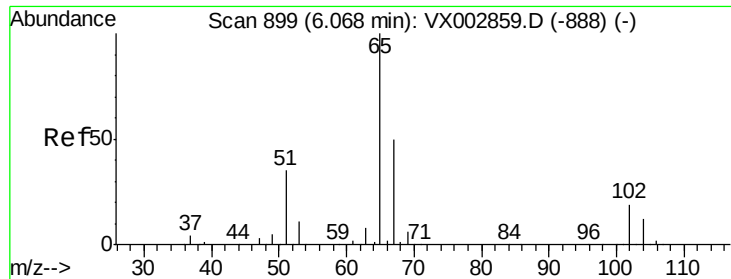
99 64.3 51.6 77.4

61 44.9 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

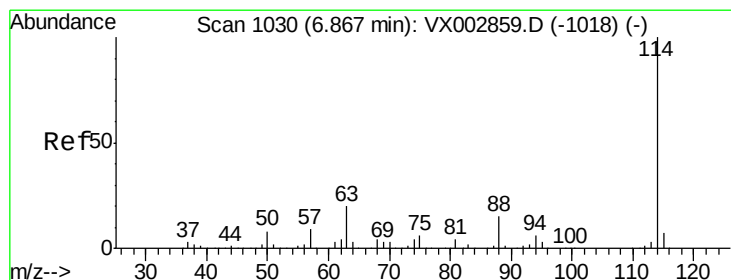
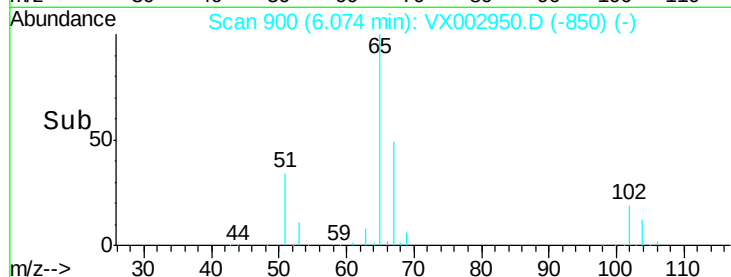
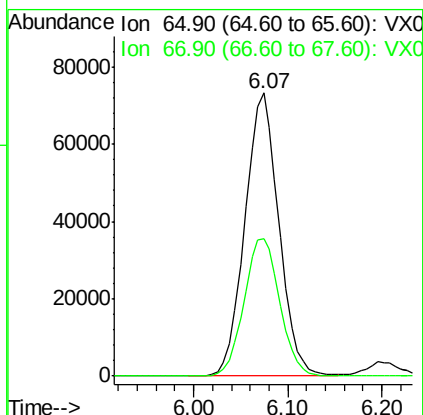
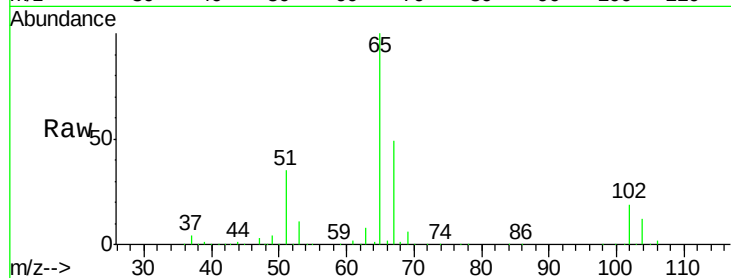




#33
 1,2-Dichloroethane-d4
 Concen: 50.17 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

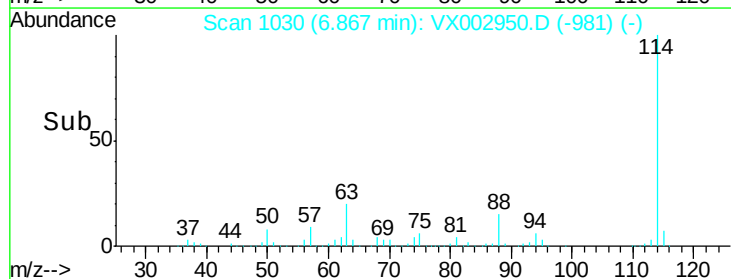
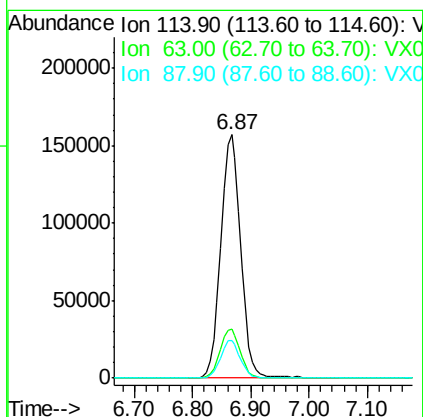
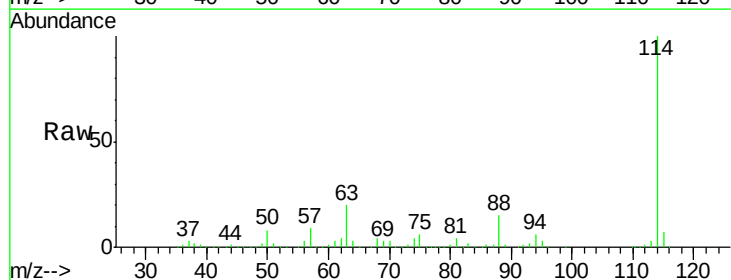
Instrument :
 MSVOA_X
 ClientSampleId :

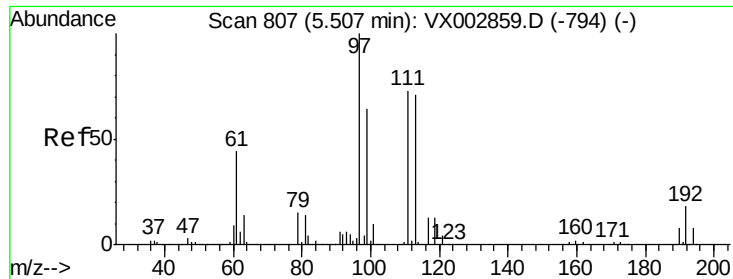
Tot Ion: 65 Resp: 185325
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion: 114 Resp: 372251
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.4 0.0 30.0

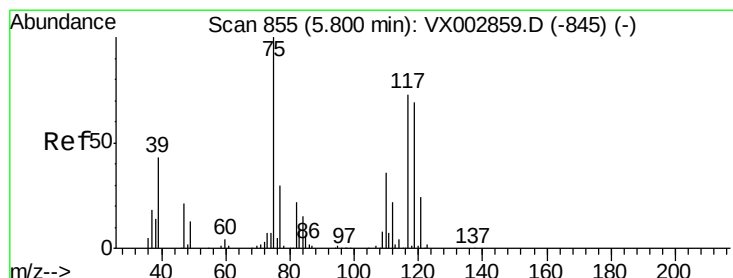
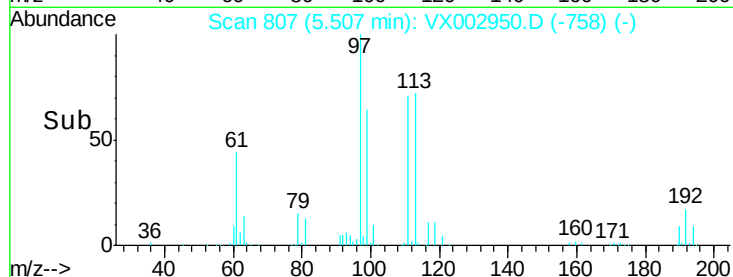
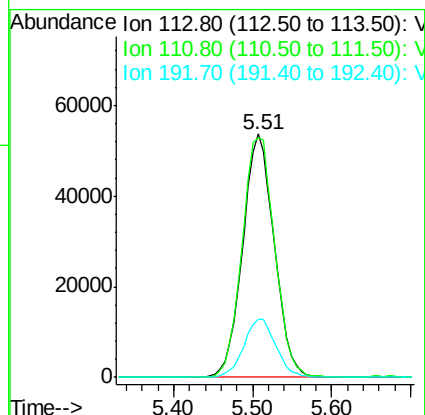
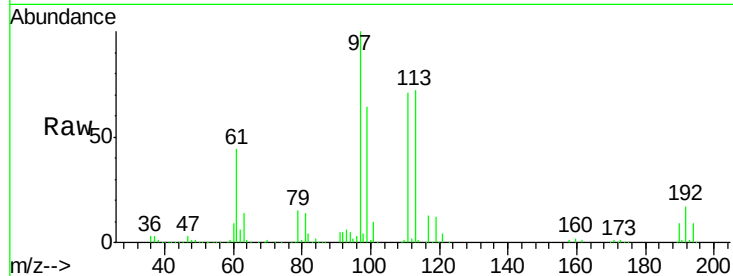




#35
 Dibromofluoromethane
 Concen: 50.45 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

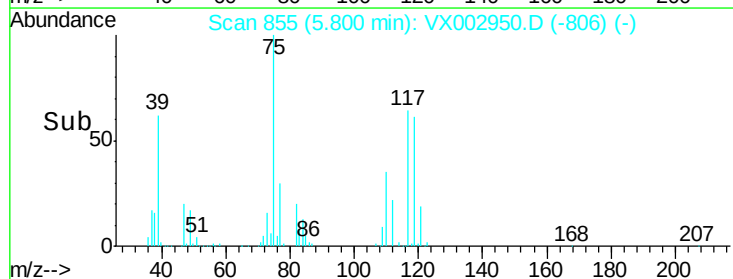
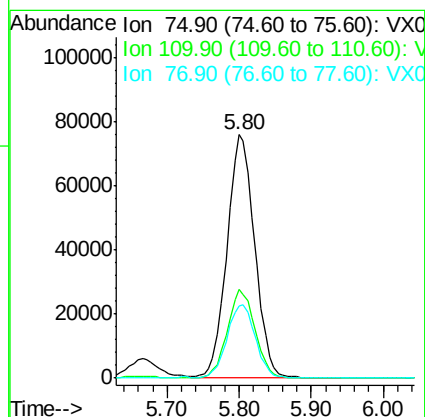
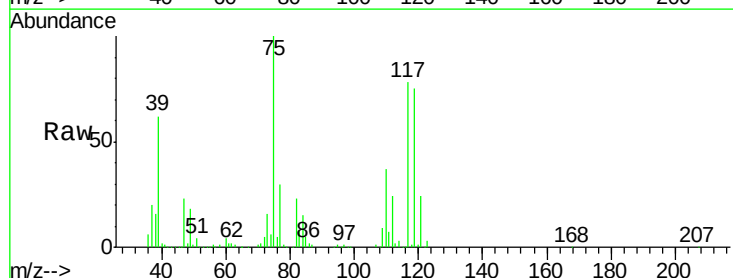
Instrument :
 MSVOA_X
 ClientSampleId :

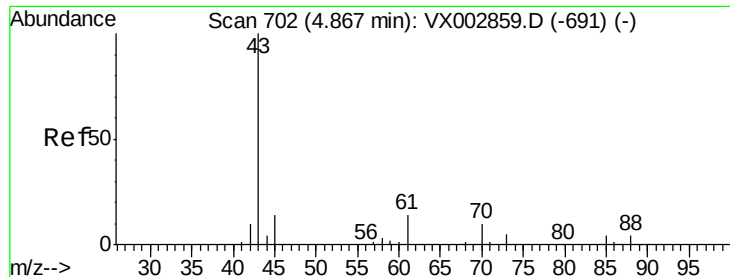
Tot Ion:113 Resp: 148735
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 24.3 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 49.80 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion: 75 Resp: 203282
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.1 54.4
 77 30.9 24.3 36.5

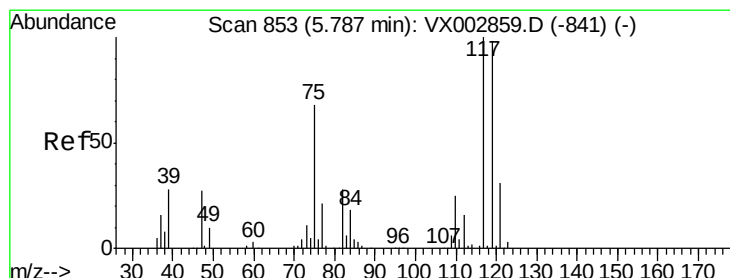
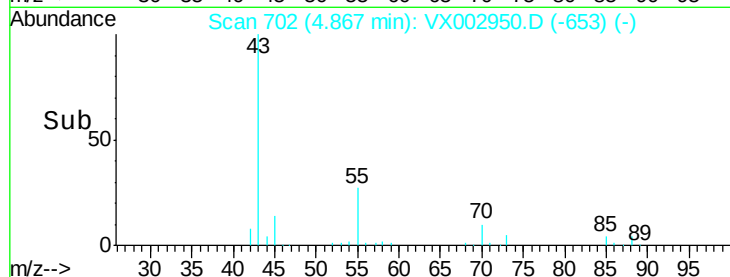
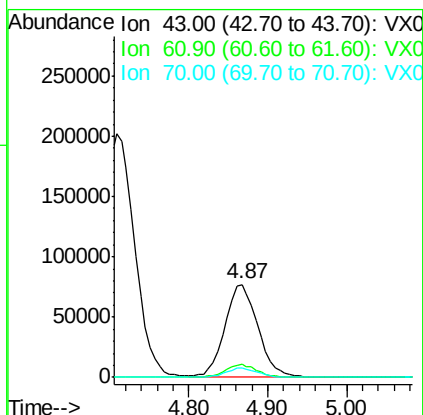
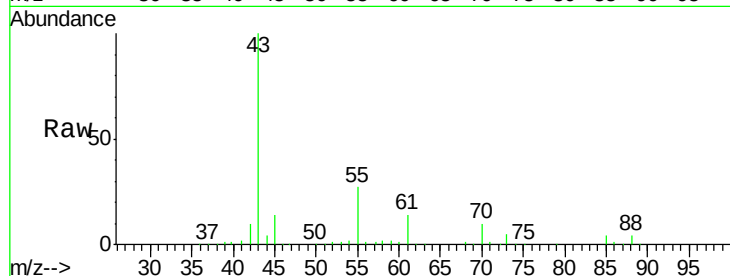




#37
Ethyl Acetate
Concen: 50.93 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

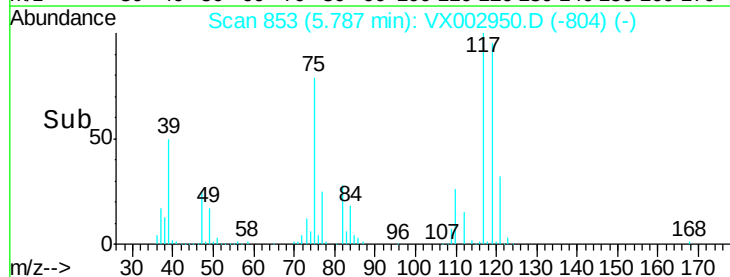
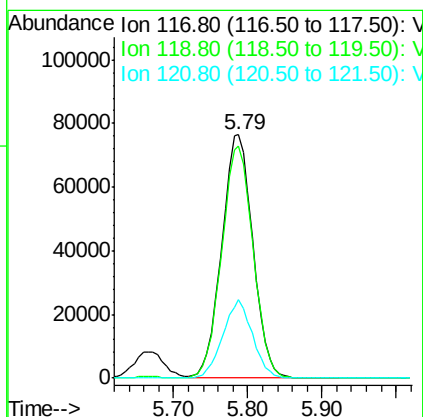
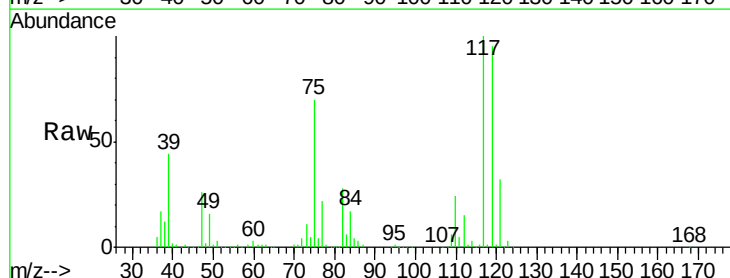
Instrument :
MSVOA_X
ClientSampled :

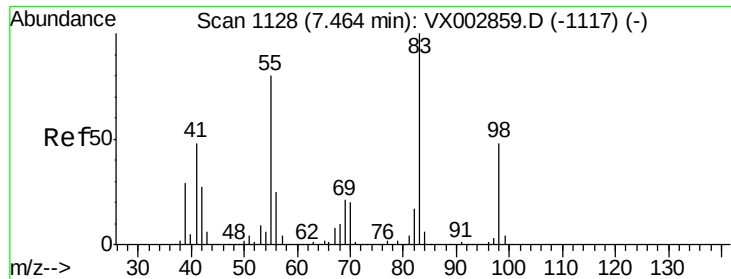
Tot Ion: 43 Resp: 223836
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.84 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion: 117 Resp: 223266
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
121 32.1 24.4 36.6

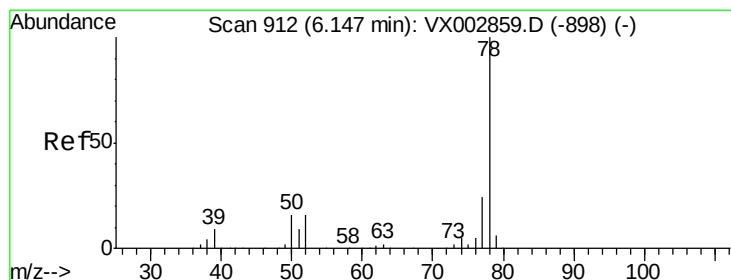
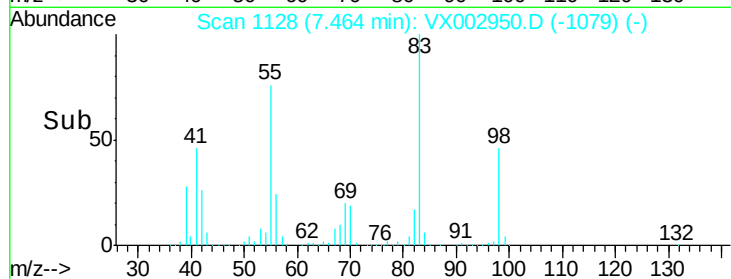
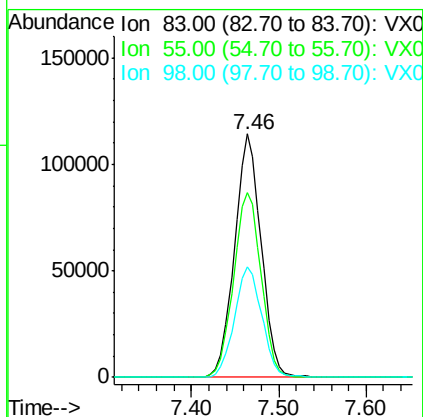
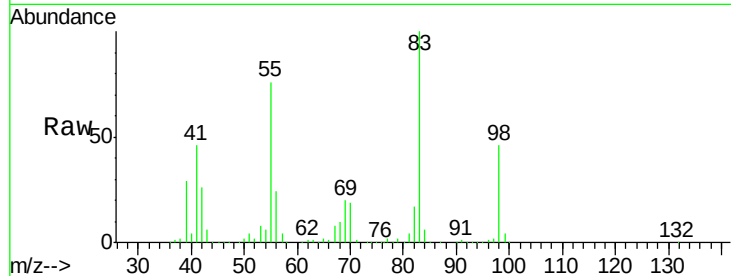




#39
Methylvlcyclohexane
Concen: 50.73 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

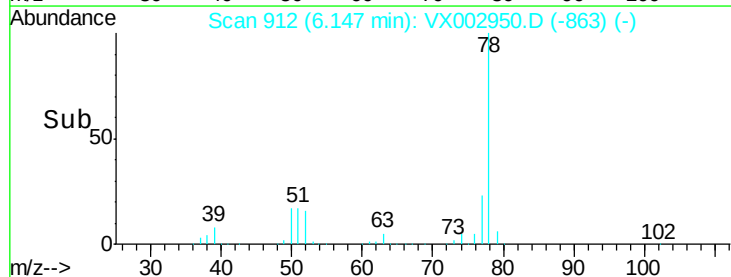
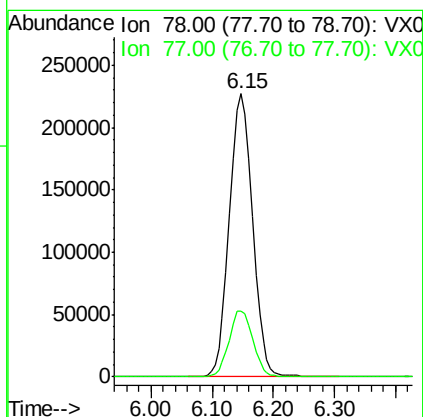
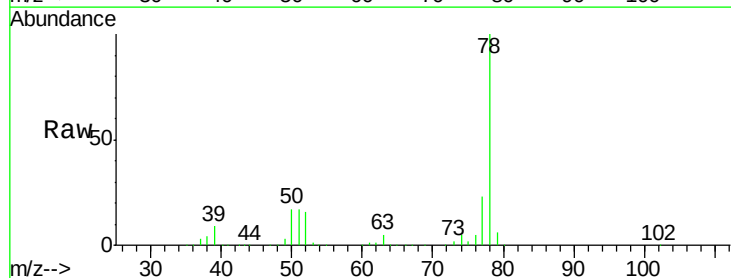
Instrument :
MSVOA_X
ClientSampleId :

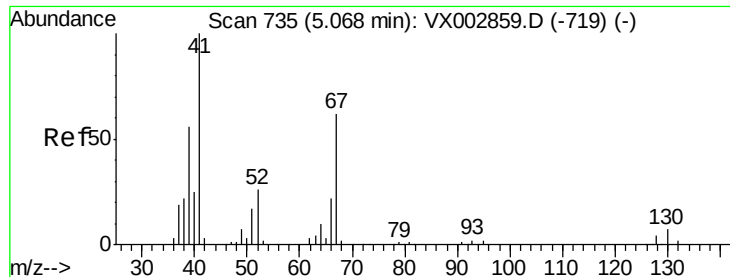
Tot Ion: 83 Resp: 241223
Ion Ratio Lower Upper
83 100
55 75.8 65.4 98.0
98 45.5 37.4 56.0



#40
Benzene
Concen: 50.13 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion: 78 Resp: 594577
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7





#41

Methacrylonitrile

Concen: 50.15 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 126918

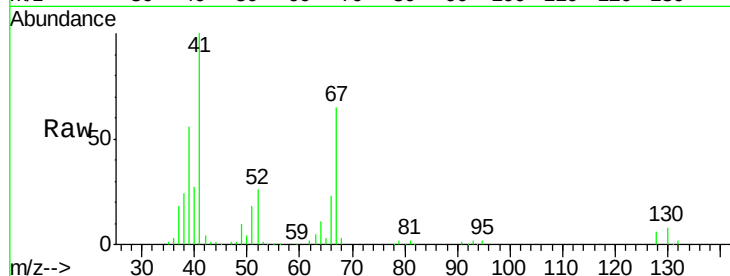
Ion Ratio Lower Upper

41 100

39 56.6 45.8 68.6

67 66.1 51.3 76.9

52 28.6 23.0 34.6

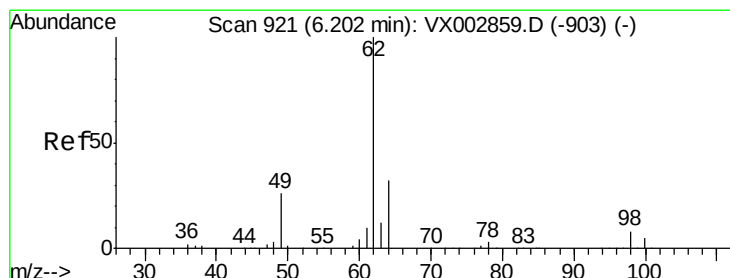
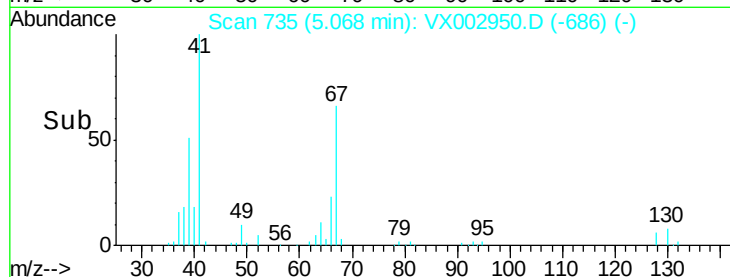
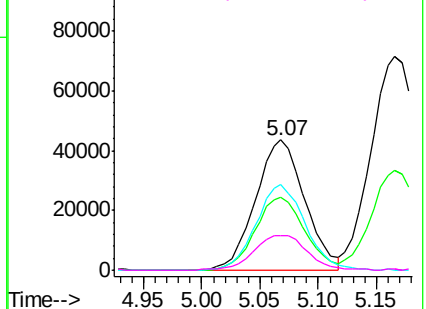


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.21 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX002950.D

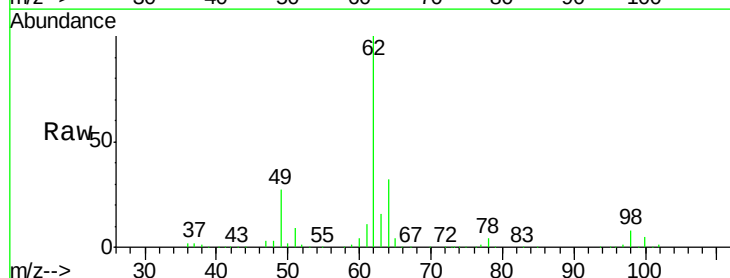
Acq: 27 Jun 2018 21:22

Tgt Ion: 62 Resp: 231009

Ion Ratio Lower Upper

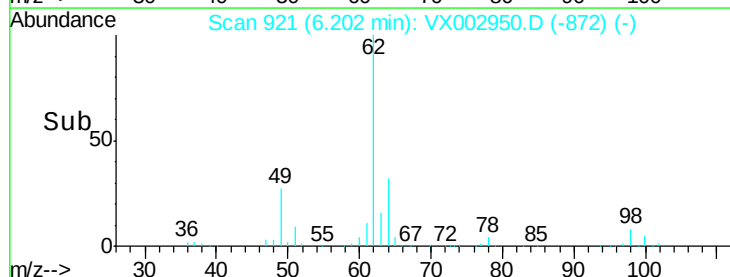
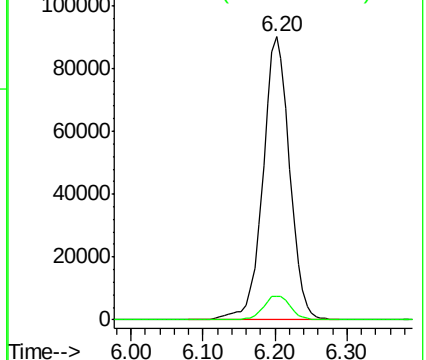
62 100

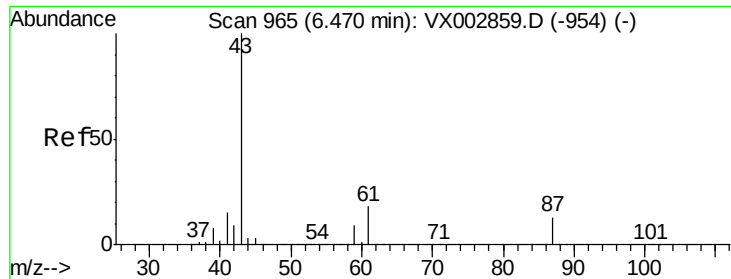
98 8.6 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



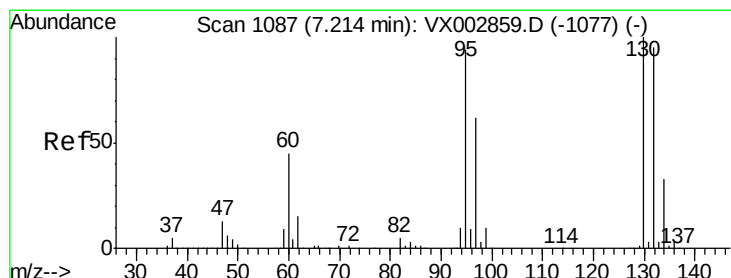
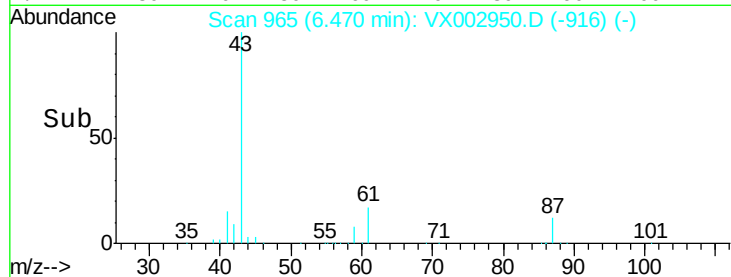
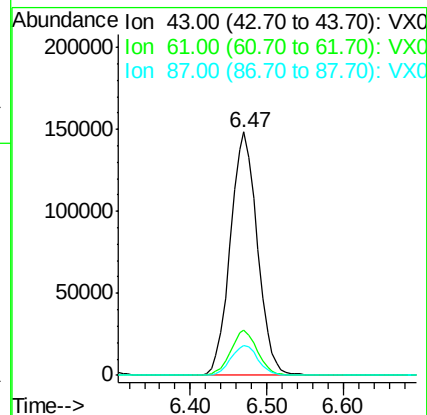
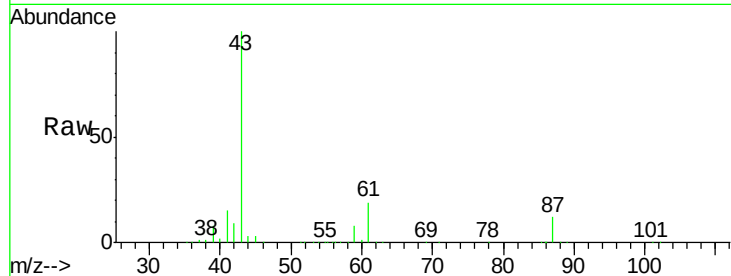


#43

Isopropyl Acetate
 Concen: 48.96 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :

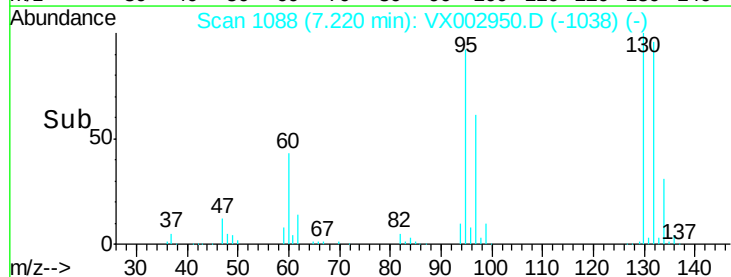
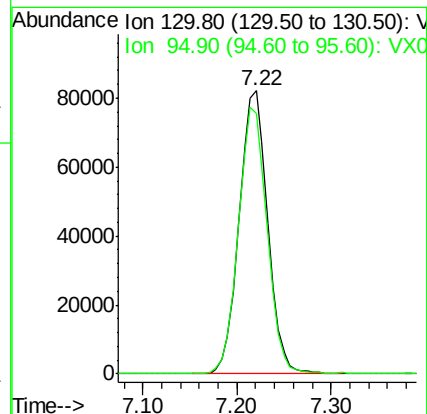
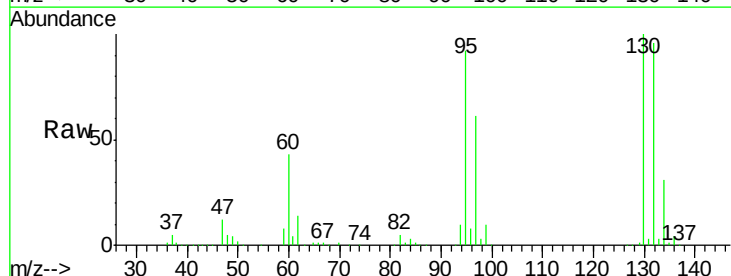
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	12.5	9.5	14.3

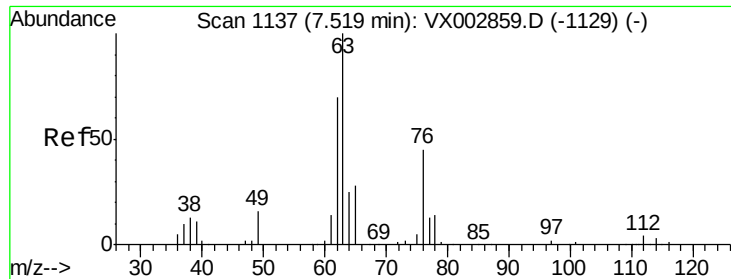


#44

Trichloroethene
 Concen: 49.00 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	185.4

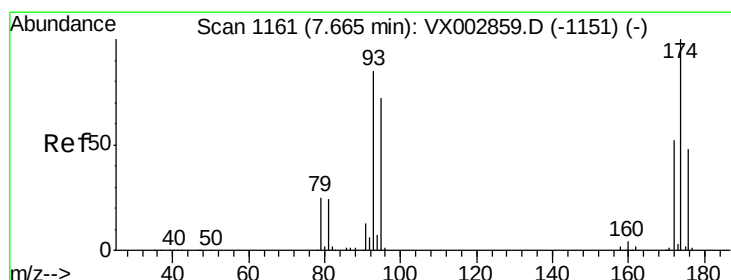
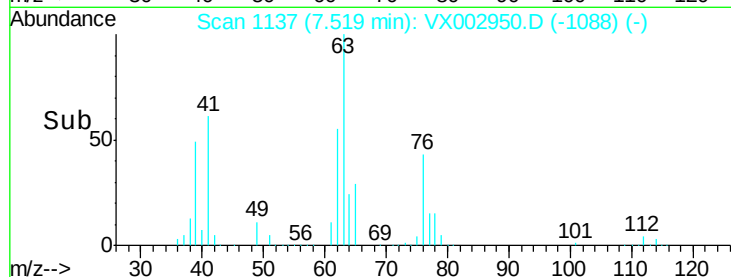
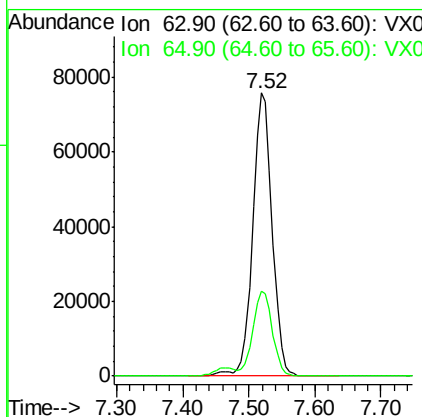
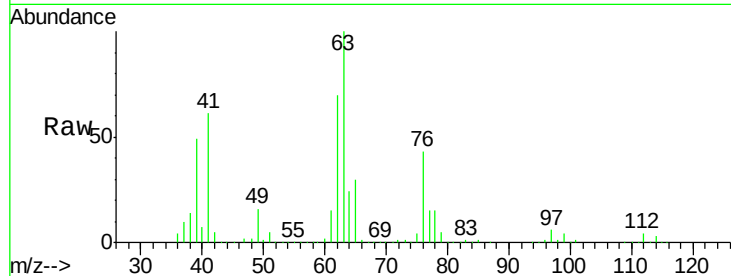




#45
 1,2-Dichloropropane
 Concen: 49.67 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

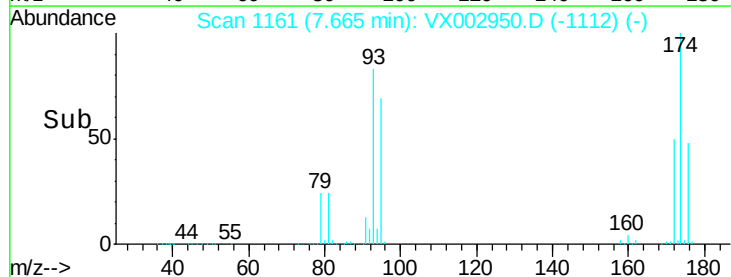
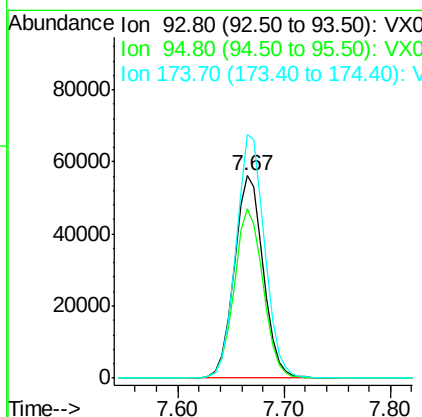
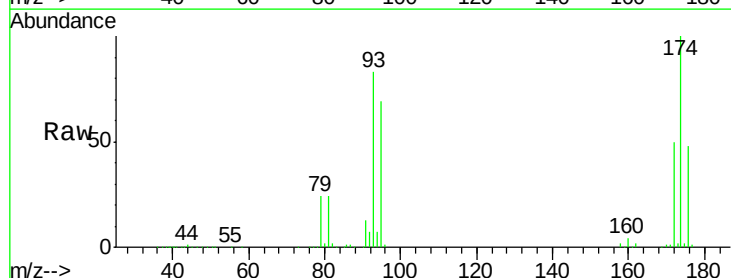
Instrument :
 MSVOA_X
 ClientSampled :

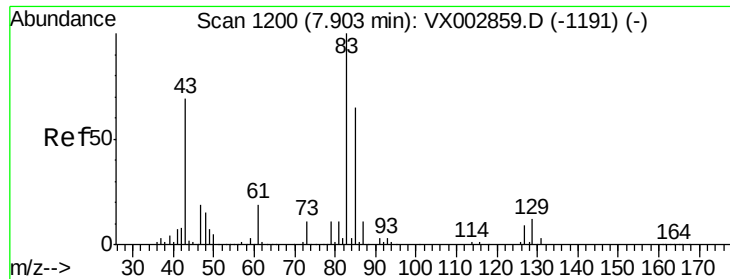
Tot Ion: 63 Resp: 156276
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1



#46
 Dibromomethane
 Concen: 49.05 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion: 93 Resp: 107109
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 119.7 92.4 138.6





#47

Bromodichloromethane

Concen: 50.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

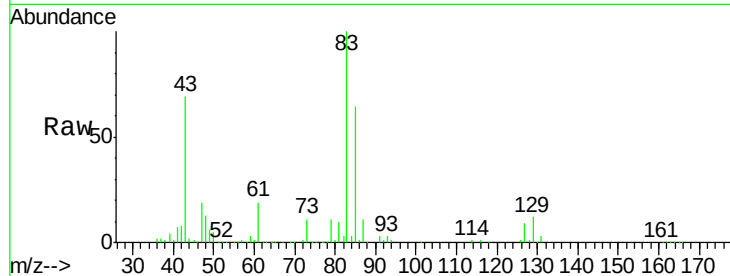
Tot Ion: 83 Resp: 203242

Ion Ratio Lower Upper

83 100

85 63.8 50.3 75.5

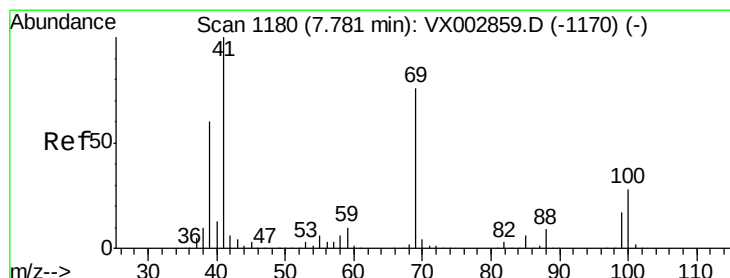
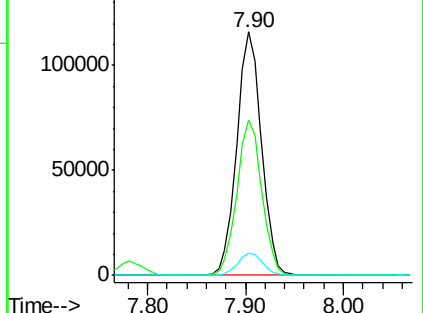
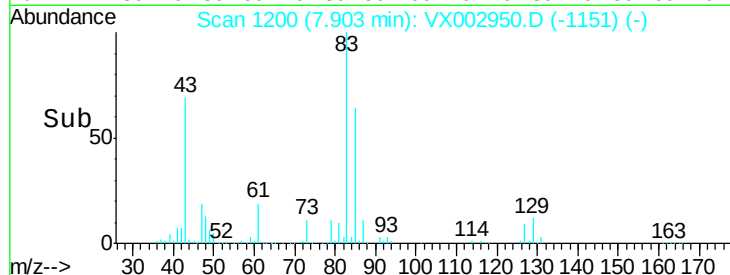
127 9.2 7.0 10.4



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: 49.74 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

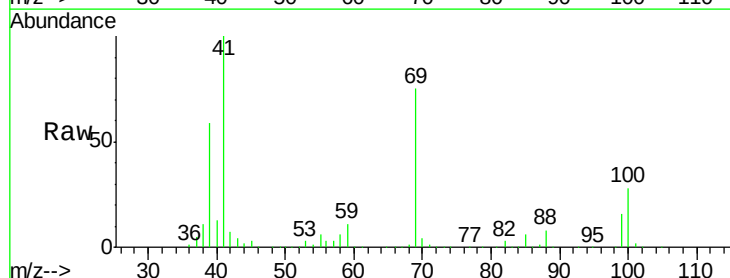
Tgt Ion: 41 Resp: 188933

Ion Ratio Lower Upper

41 100

69 76.6 59.1 88.7

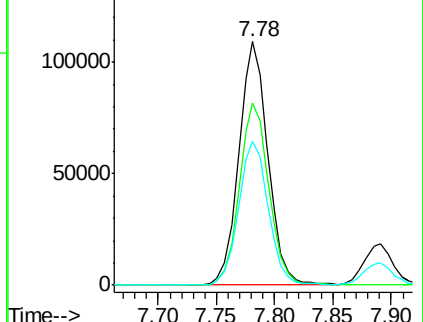
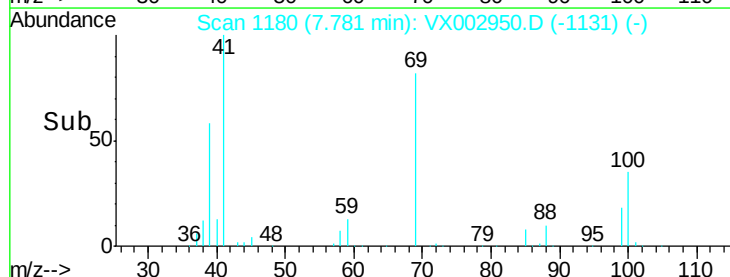
39 60.1 48.9 73.3

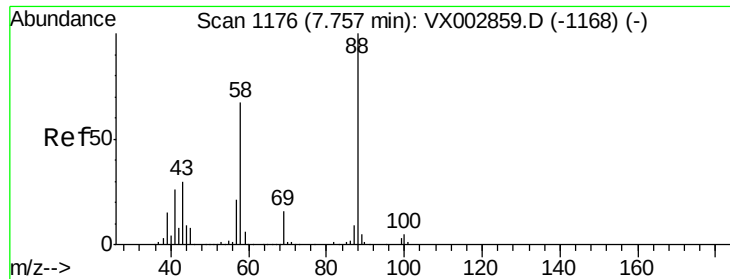


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

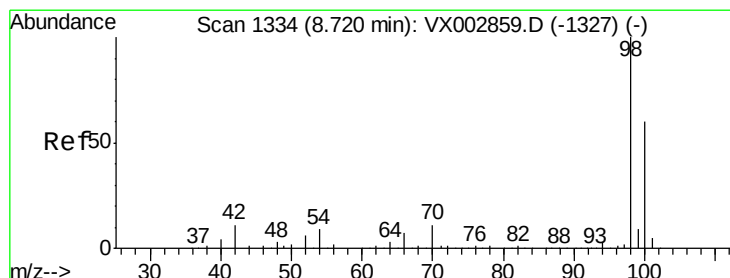
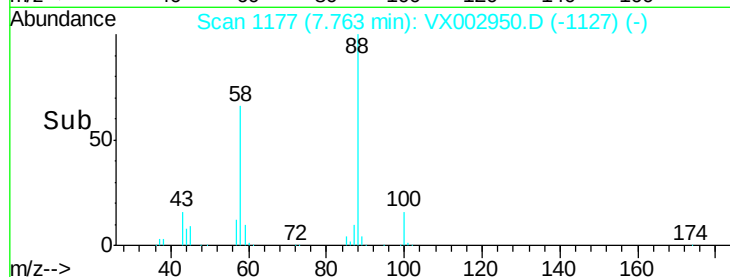
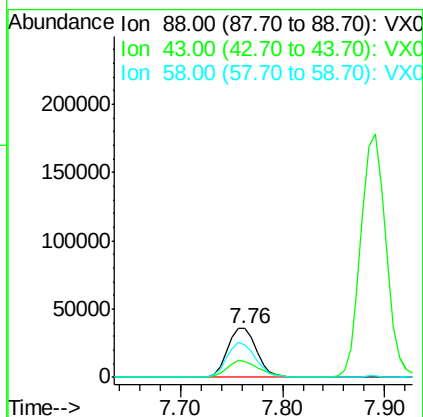
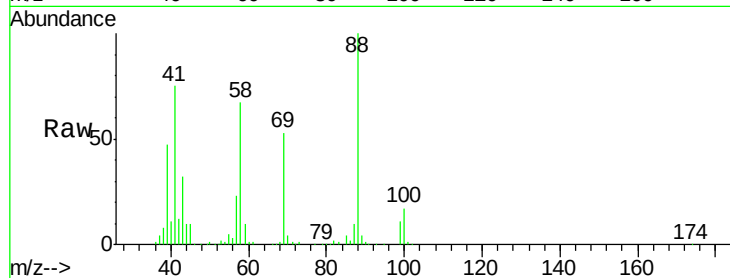




#49
1,4-Dioxane
Concen: 960.66 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

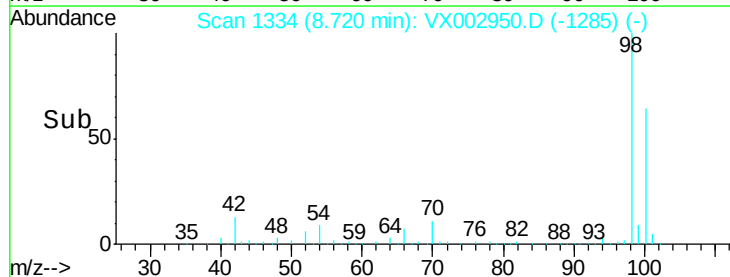
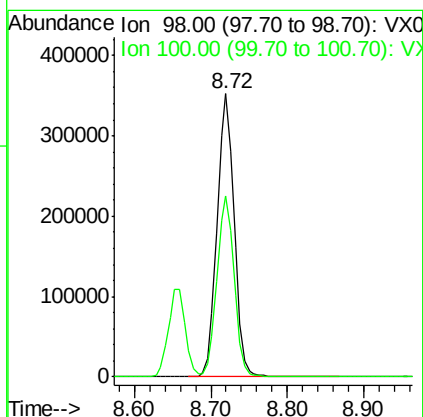
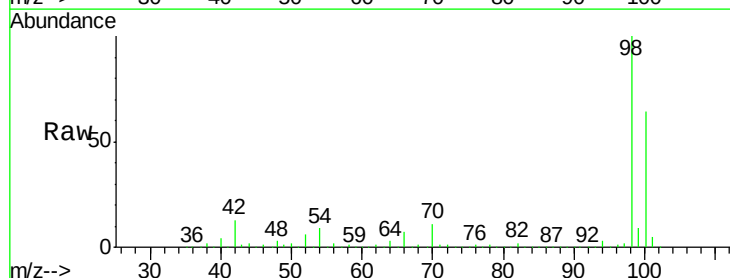
Instrument :
MSVOA_X
ClientSampleId :

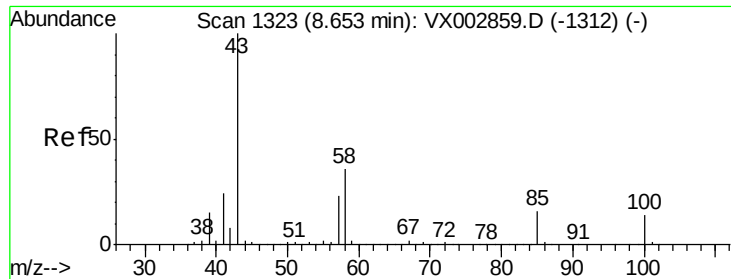
Tot Ion: 88 Resp: 70990
Ion Ratio Lower Upper
88 100
43 36.4 29.8 44.6
58 71.7 57.1 85.7



#50
Toluene-d8
Concen: 50.45 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion: 98 Resp: 543122
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 257.02 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

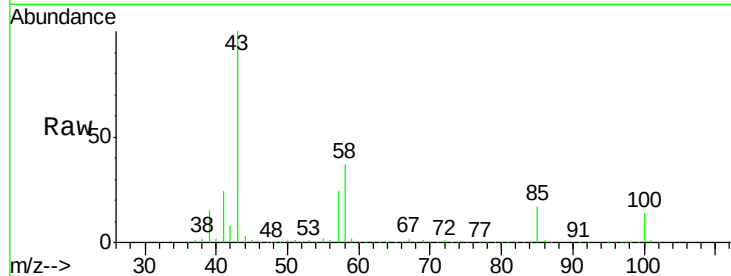
ClientSampled :

Tot Ion: 43 Resp: 1185386

Ion Ratio Lower Upper

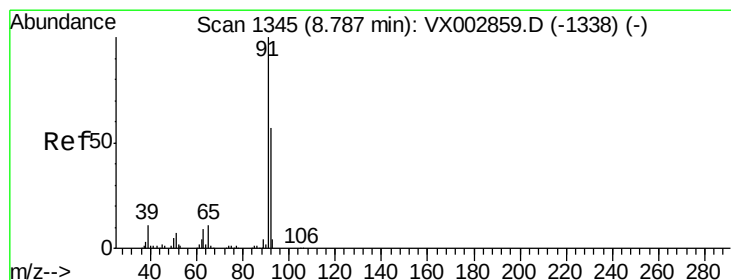
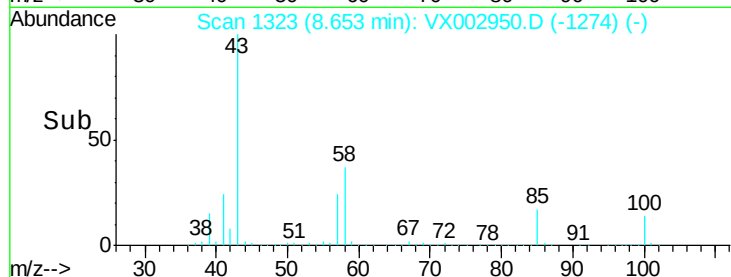
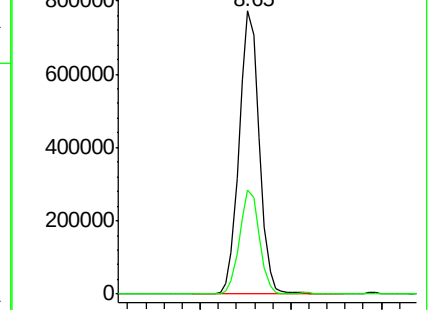
43 100

58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.24 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002950.D

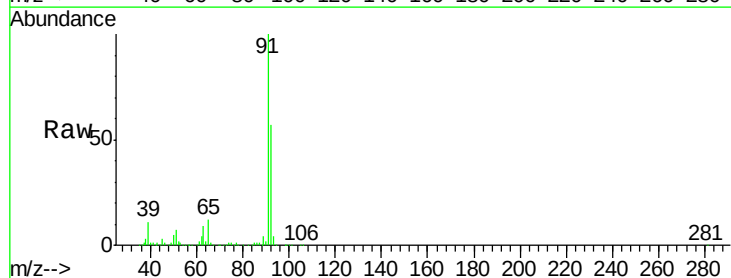
Acq: 27 Jun 2018 21:22

Tgt Ion: 92 Resp: 389307

Ion Ratio Lower Upper

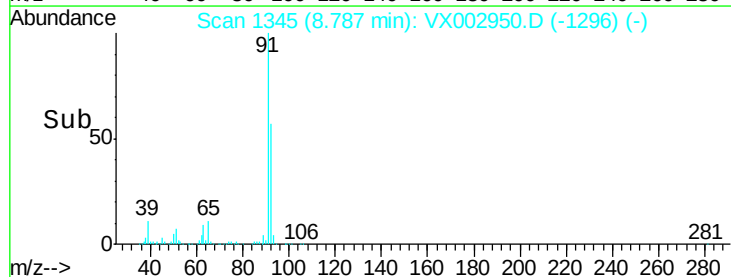
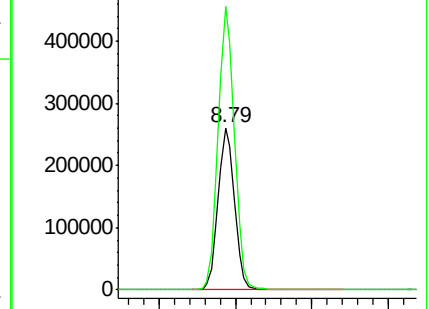
92 100

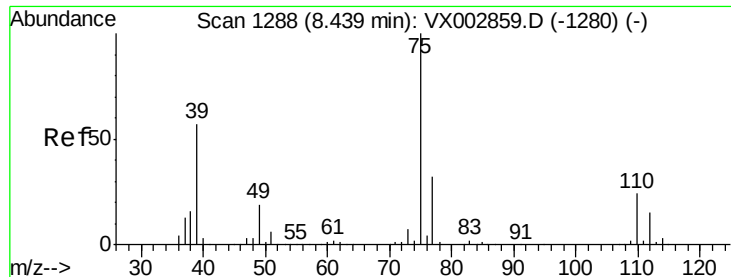
91 173.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.71 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

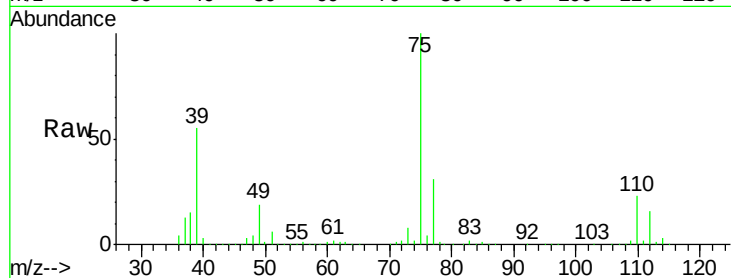
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 231822

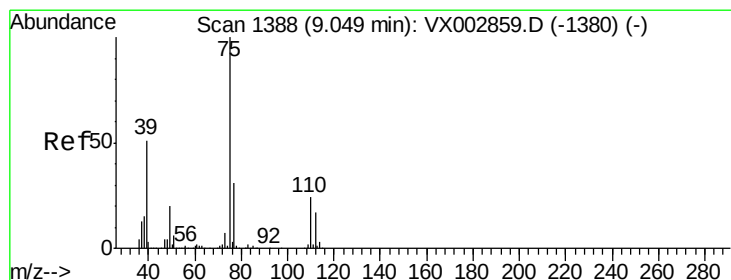
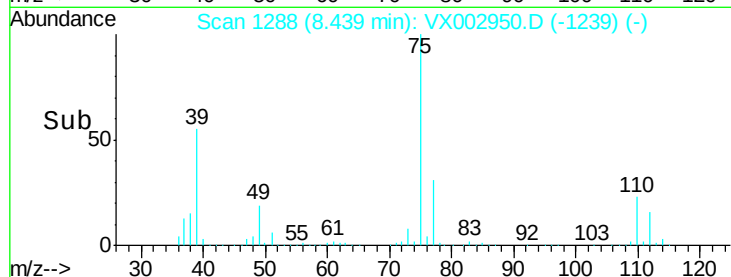
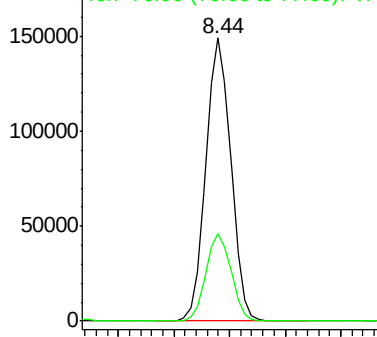
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.04 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

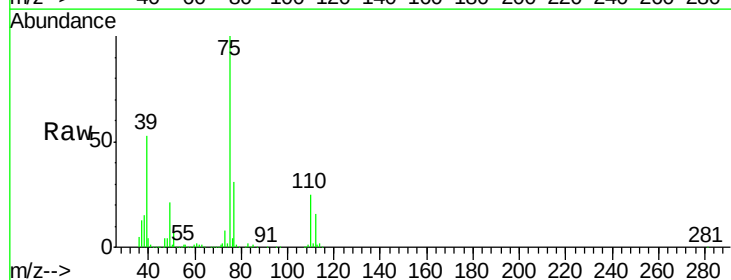
Tgt Ion: 75 Resp: 215700

Ion Ratio Lower Upper

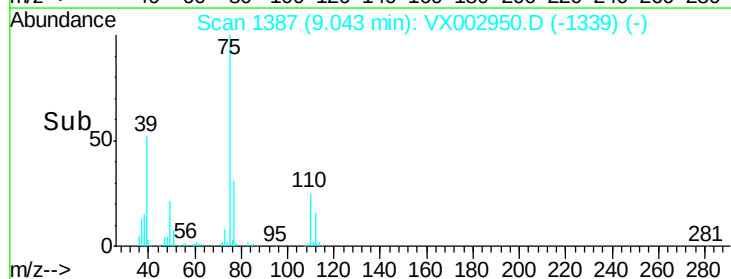
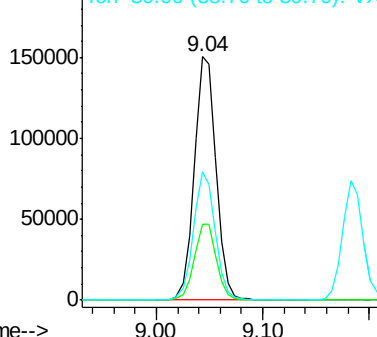
75 100

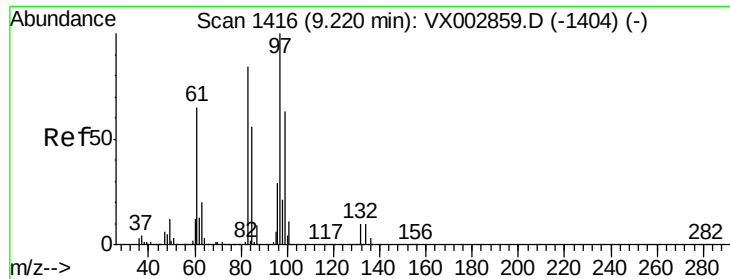
77 31.3 24.8 37.2

39 52.6 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

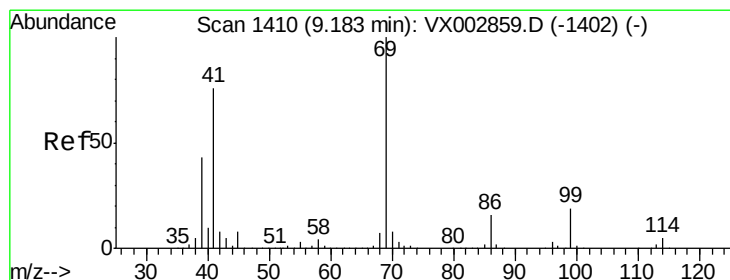
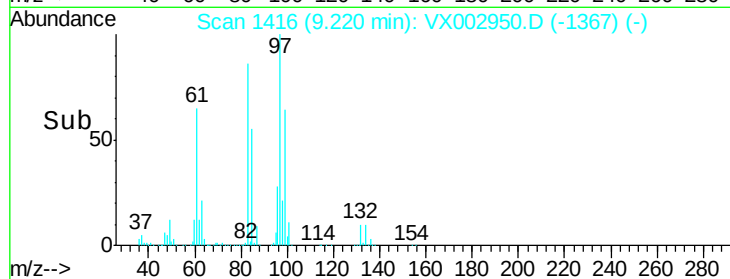
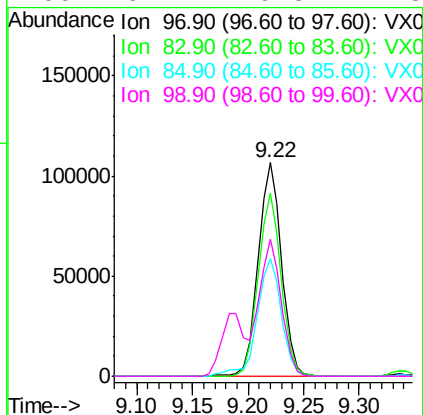
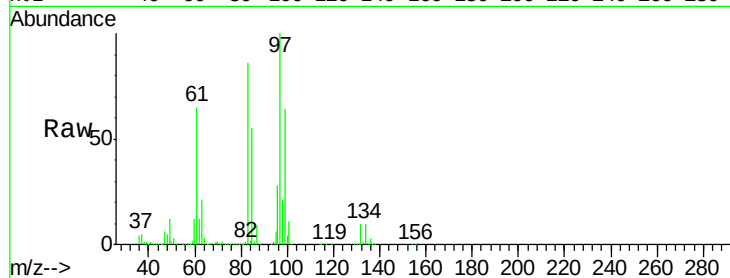




#55
 1,1,2-Trichloroethane
 Concen: 50.01 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

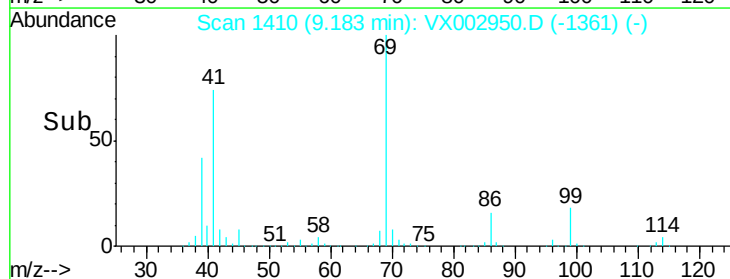
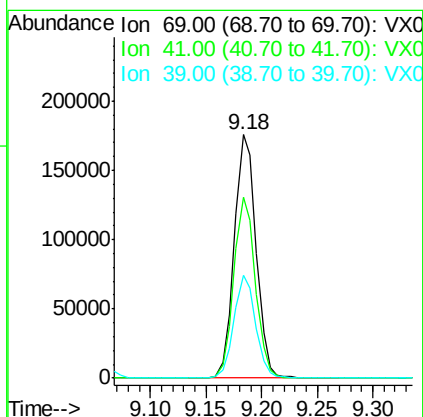
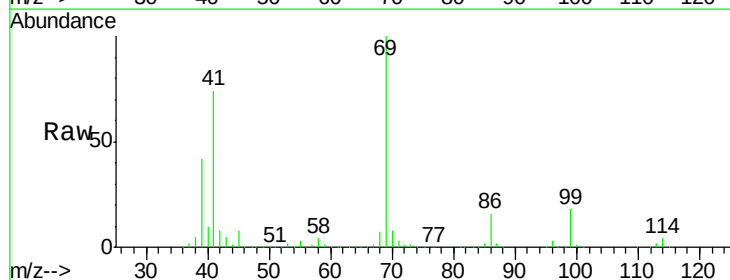
Instrument :
 MSVOA_X
 ClientSampleId :

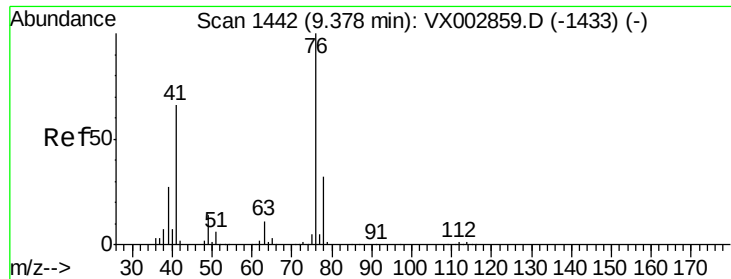
Tot Ion	97	Resp	156143
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.2	105.2
85	55.4	44.9	67.3
99	64.4	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 52.33 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion	69	Resp	238817
Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	41.7	35.8	53.8

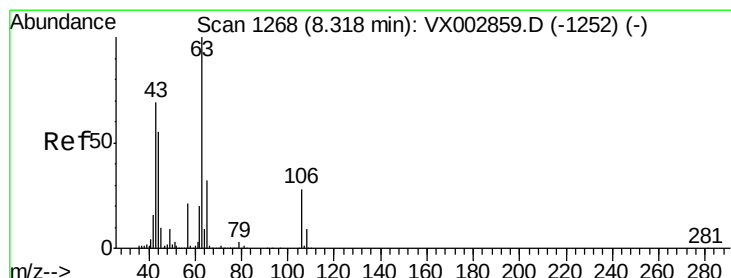
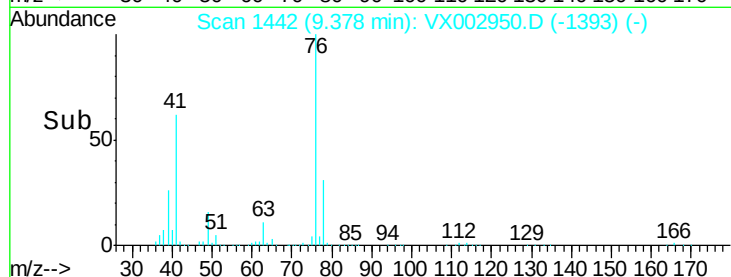
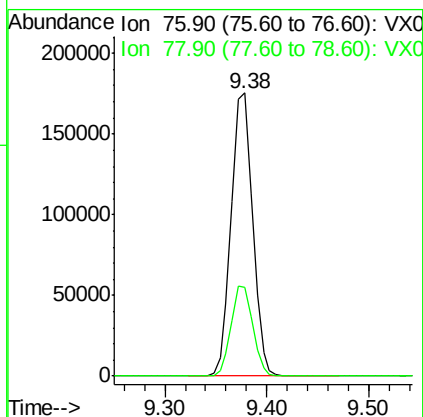
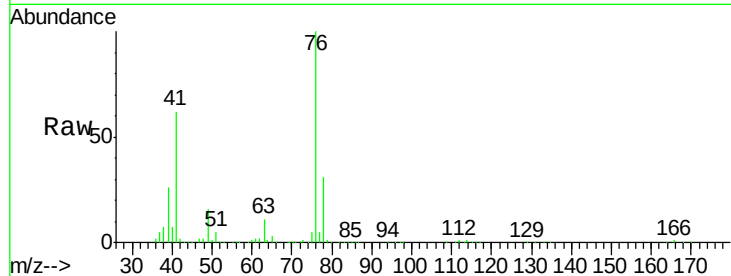




#57
 1,3-Dichloropropane
 Concen: 49.90 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

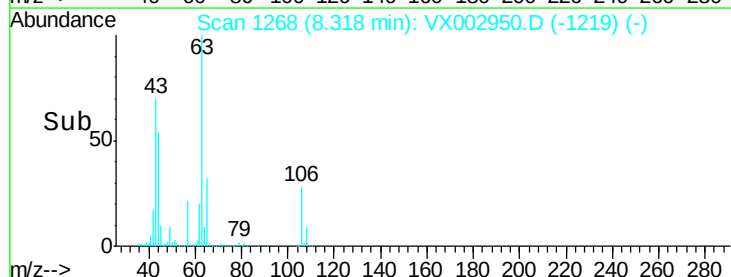
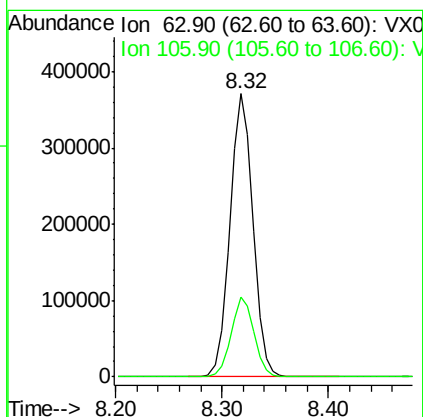
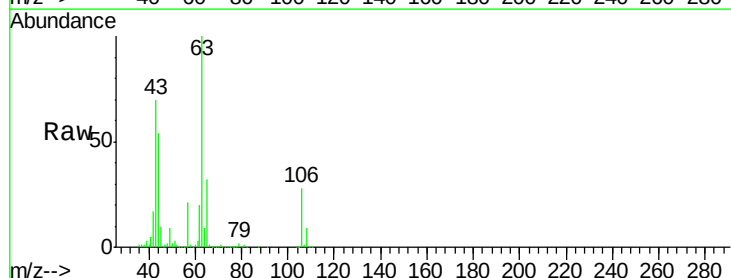
Instrument :
 MSVOA_X
 ClientSampled :

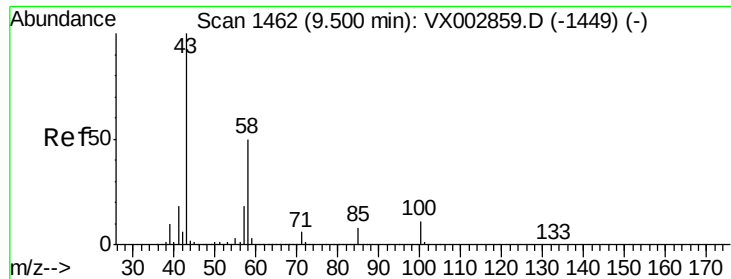
Tot Ion: 76 Resp: 255872
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.46 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion: 63 Resp: 562398
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.8 32.8

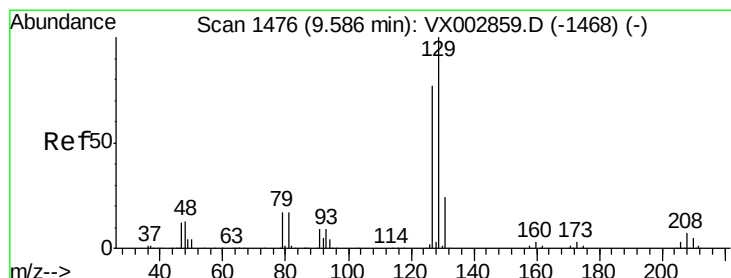
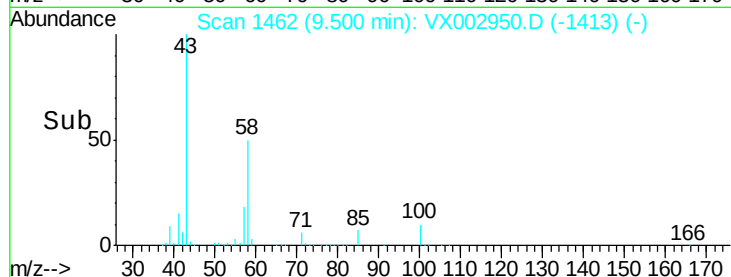
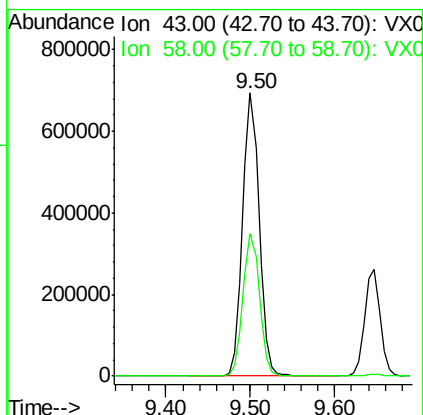
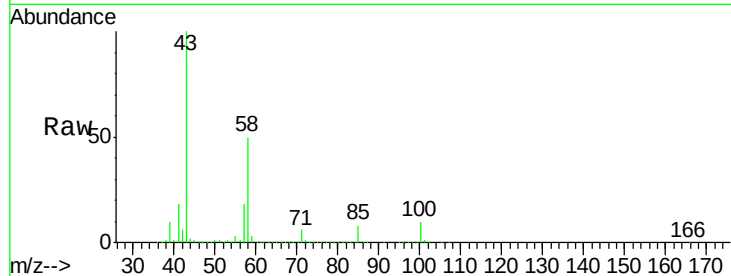




#59
2-Hexanone
Concen: 258.44 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

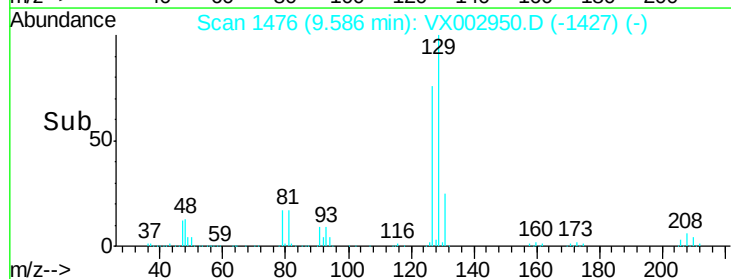
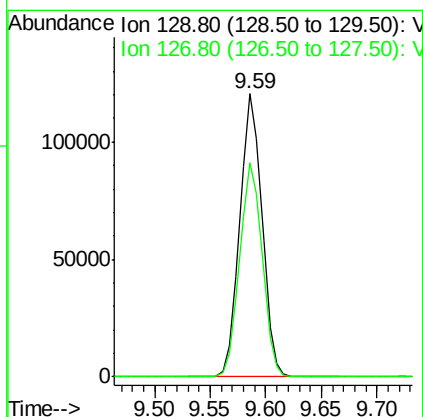
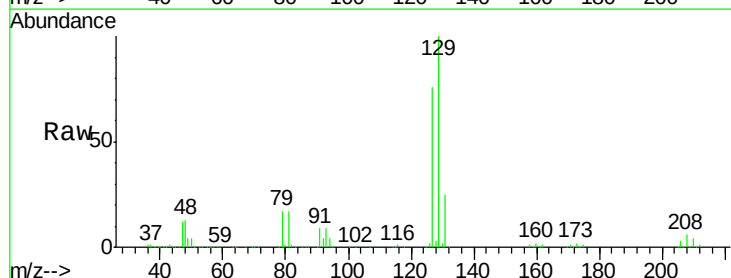
Instrument :
MSVOA_X
ClientSampleId :

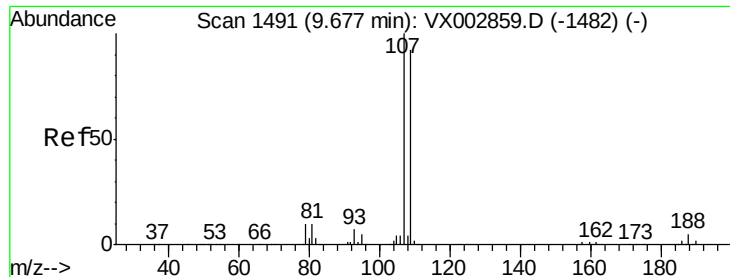
Tot Ion: 43 Resp: 905887
Ion Ratio Lower Upper
43 100
58 50.6 24.6 73.6



#60
Dibromochloromethane
Concen: 50.97 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion:129 Resp: 167520
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

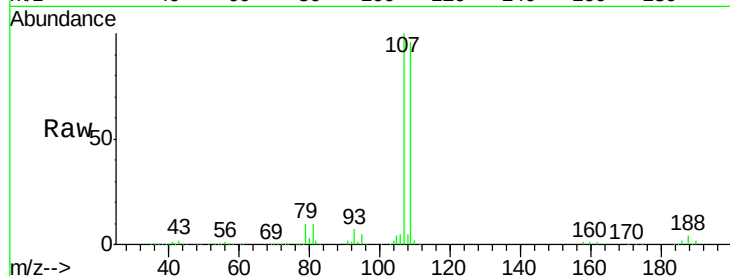
ClientSampleId :

Tot Ion:107 Resp: 165612

Ion Ratio Lower Upper

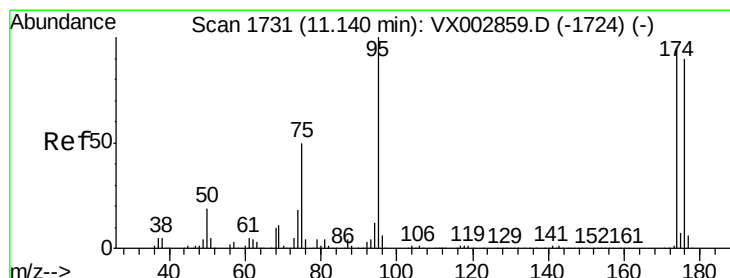
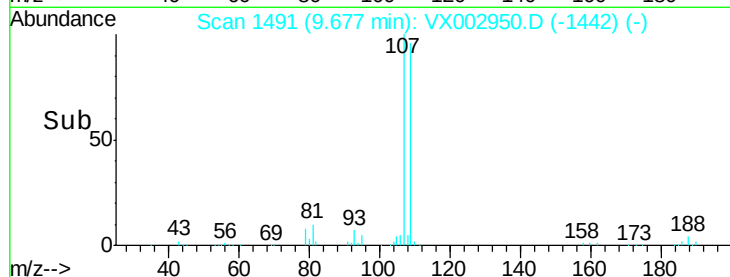
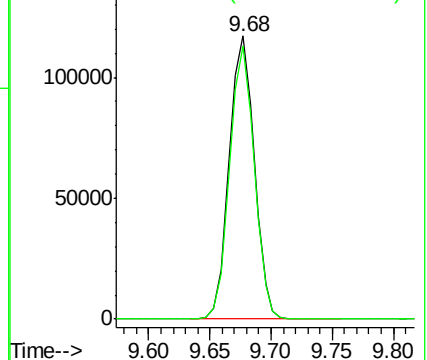
107 100

109 95.1 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: 50.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

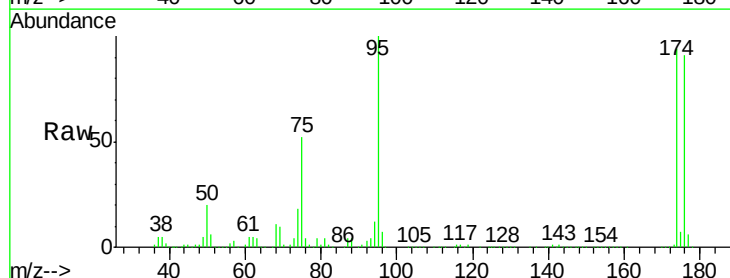
Tgt Ion: 95 Resp: 211059

Ion Ratio Lower Upper

95 100

174 96.6 0.0 187.4

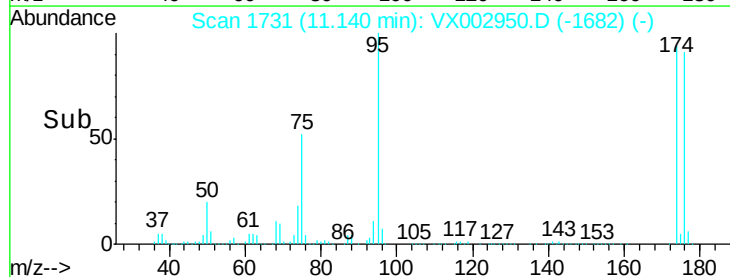
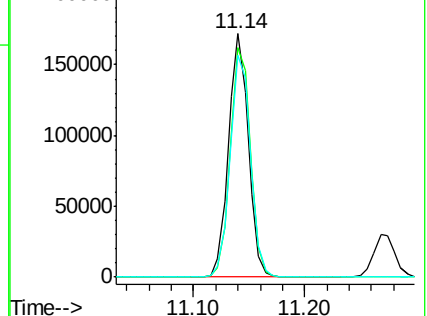
176 93.7 0.0 181.0

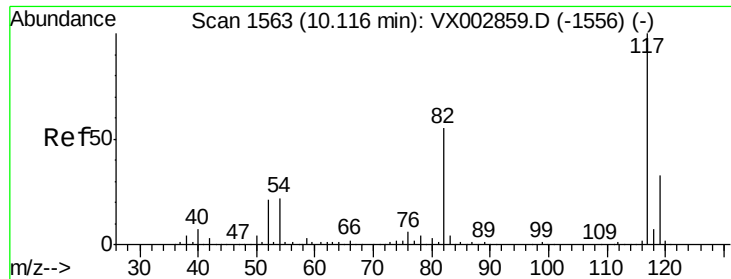


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

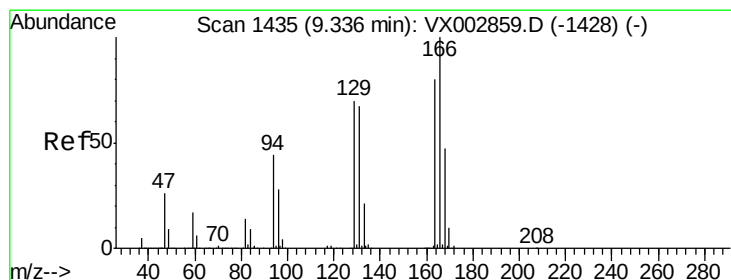
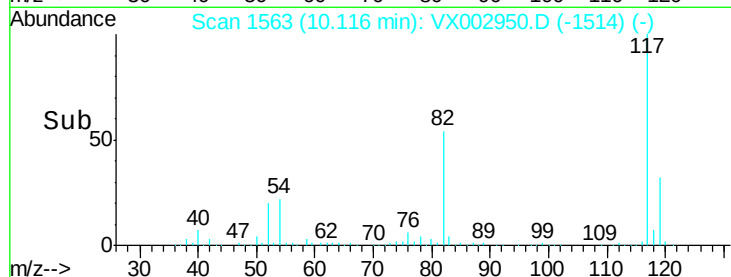
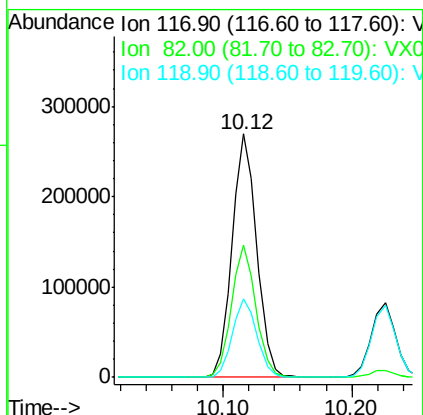
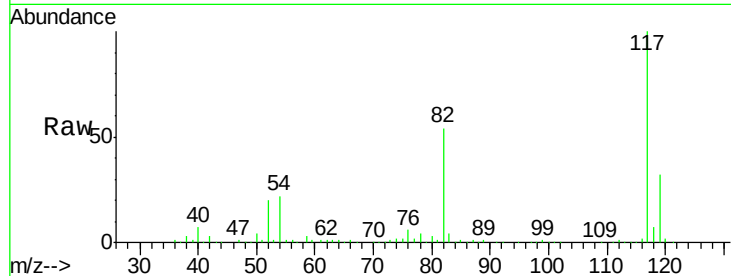




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

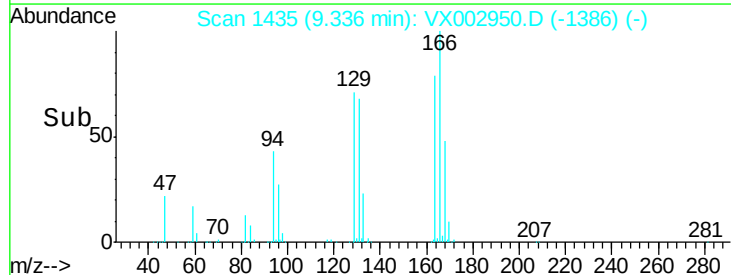
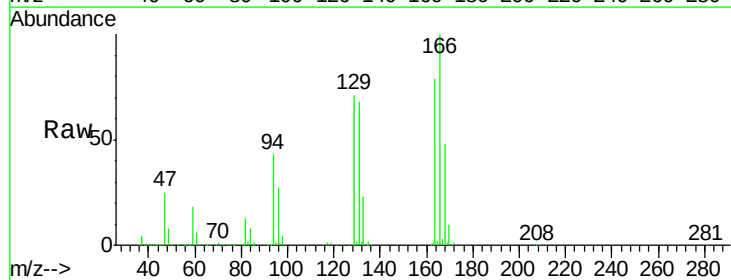
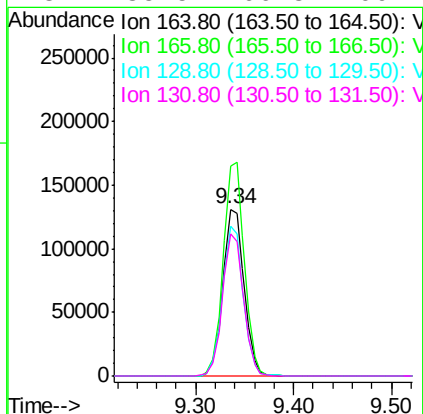
Instrument :
MSVOA_X
ClientSampleId :

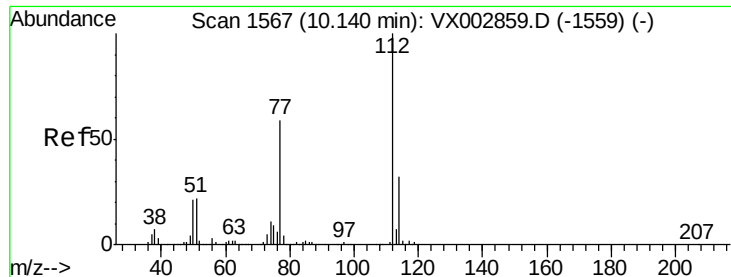
Tot Ion:117 Resp: 360272
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 49.20 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion:164 Resp: 197087
Ion Ratio Lower Upper
164 100
166 126.3 102.9 154.3
129 89.8 68.6 102.8
131 85.5 66.8 100.2

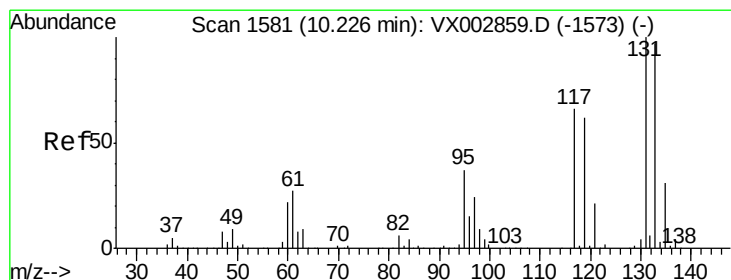
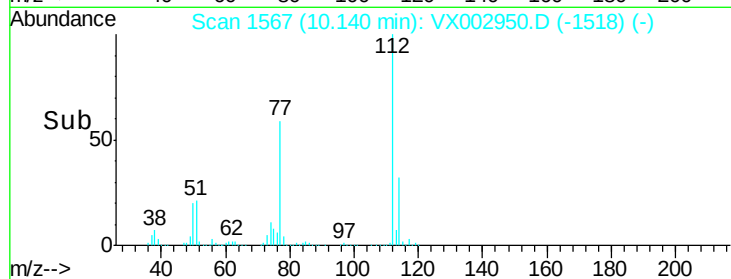
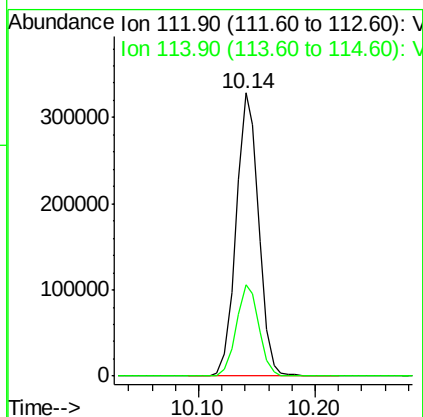
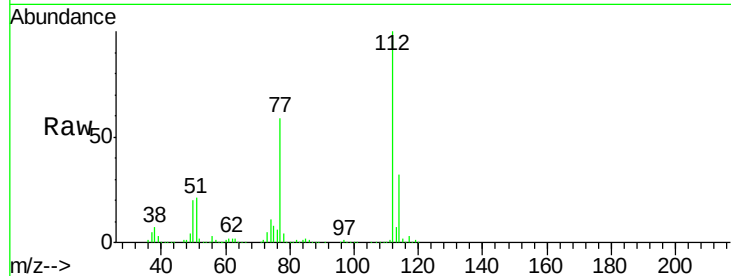




#65
Chlorobenzene
Concen: 48.36 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

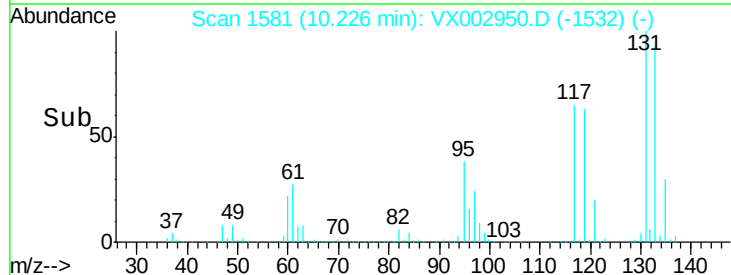
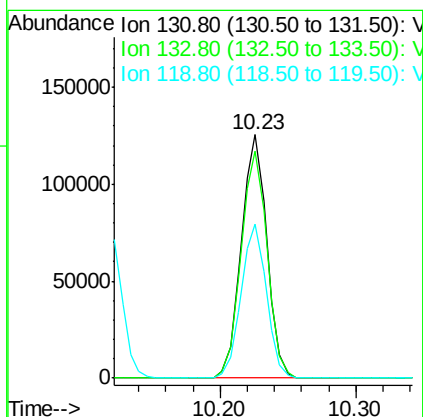
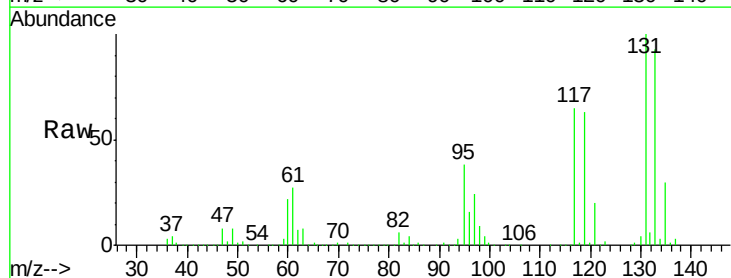
Instrument :
MSVOA_X
ClientSampled :

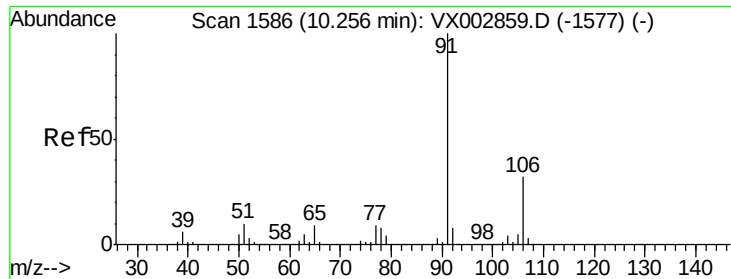
Tot Ion:112 Resp: 442517
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.35 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion:131 Resp: 164049
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 62.9 31.8 95.3

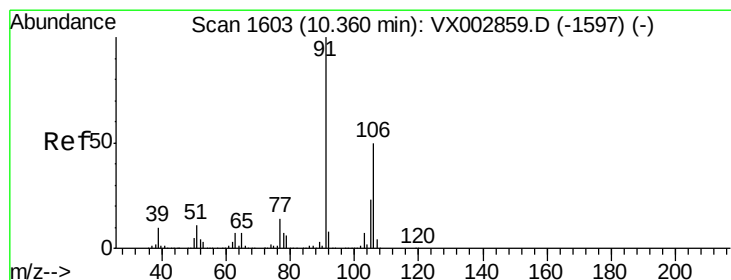
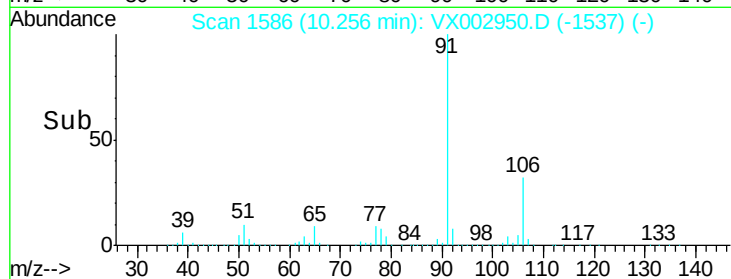
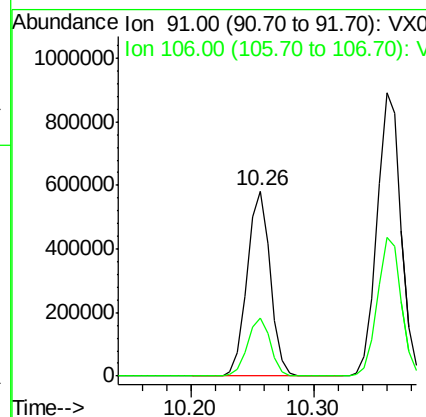
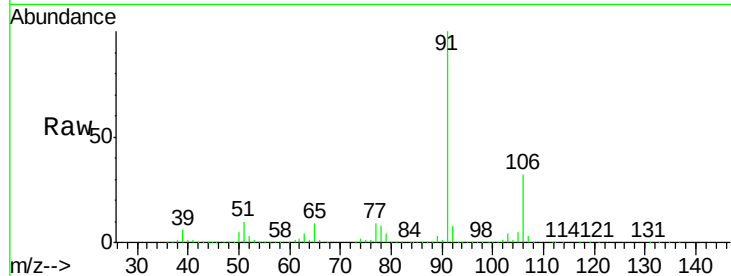




#67
Ethyl Benzene
Concen: 50.56 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

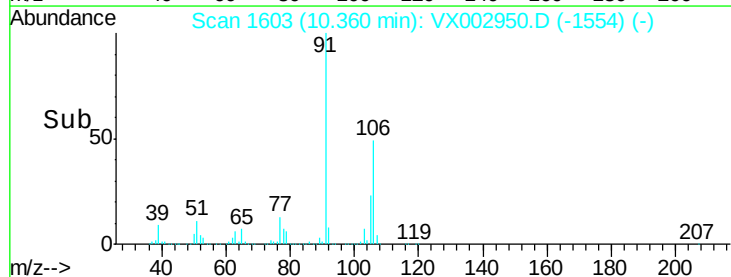
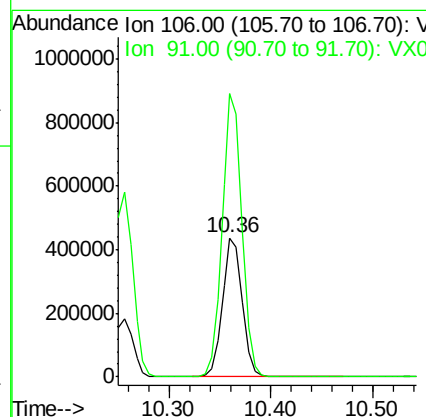
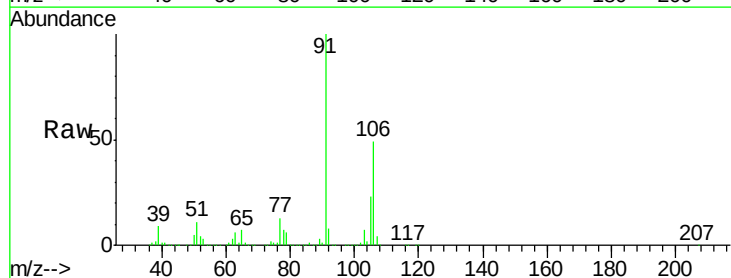
Instrument :
MSVOA_X
ClientSampled :

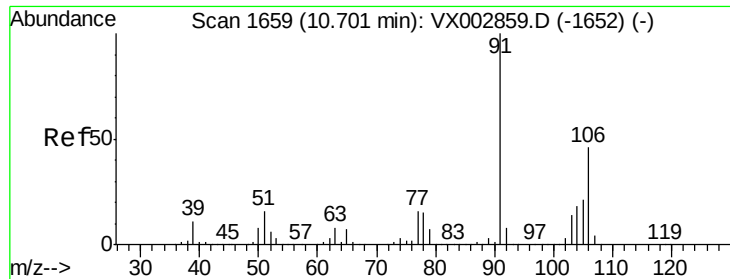
Tot Ion: 91 Resp: 764322
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 101.74 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion: 106 Resp: 592749
Ion Ratio Lower Upper
106 100
91 203.6 163.4 245.2

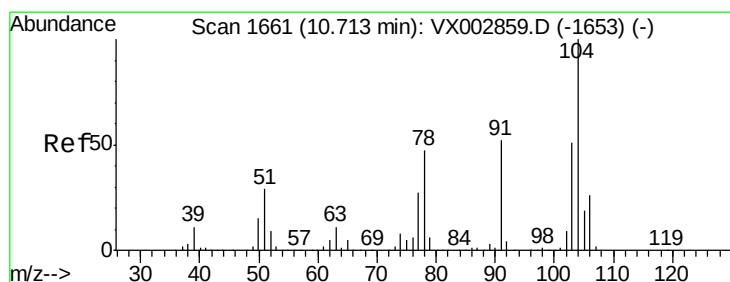
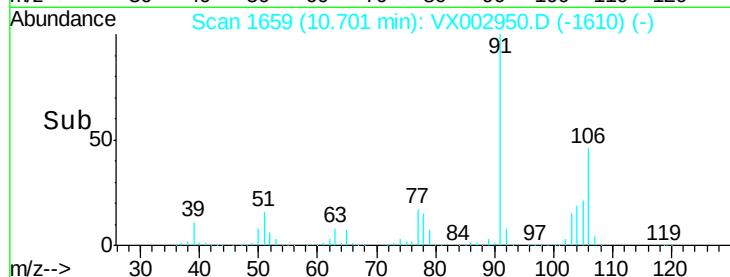
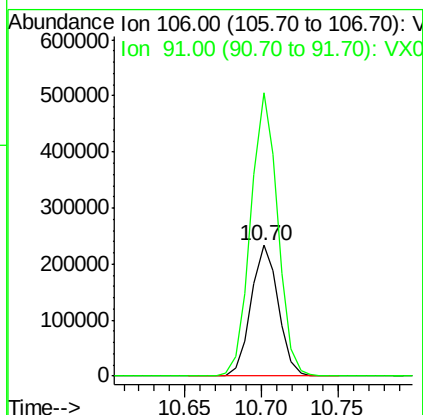
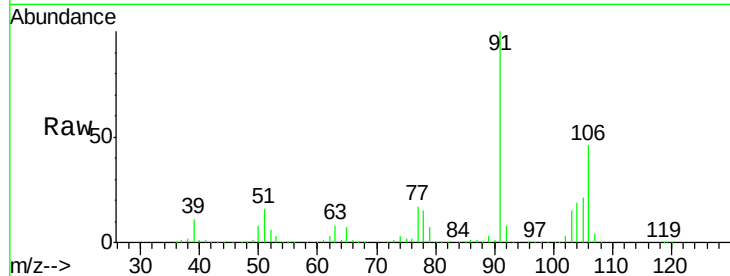




#69
o-Xylene
Concen: 51.09 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

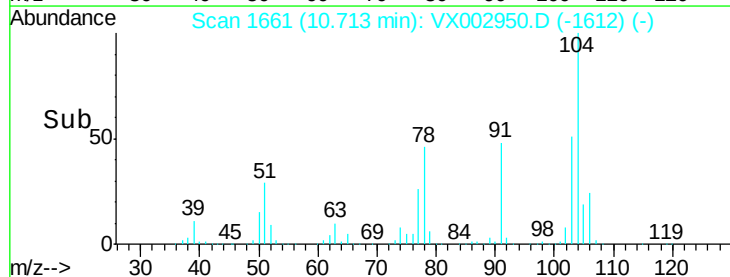
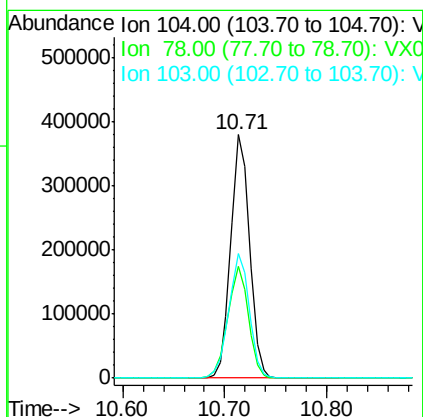
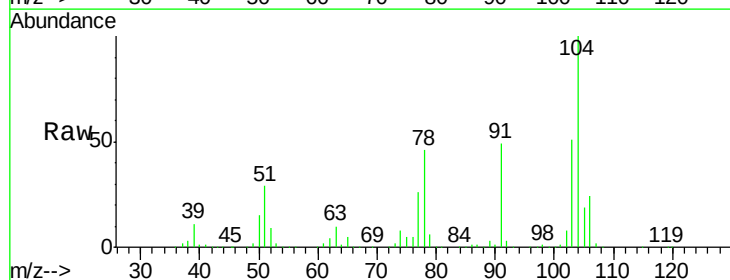
Instrument :
MSVOA_X
ClientSampleId :

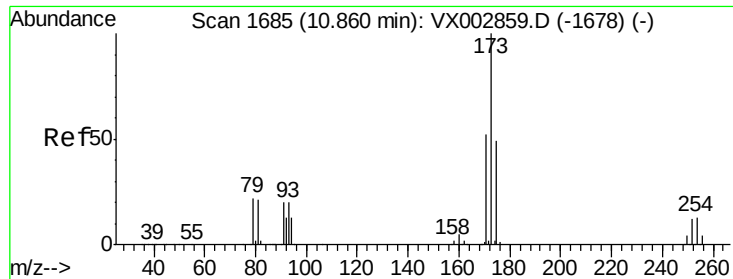
Tot Ion:106 Resp: 289795
Ion Ratio Lower Upper
106 100
91 214.1 108.2 324.6



#70
Styrene
Concen: 52.51 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion:104 Resp: 483990
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 44.13 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

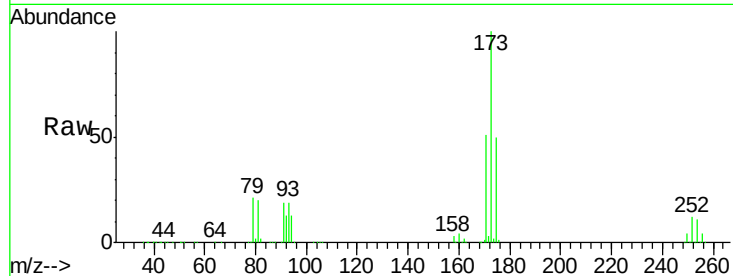
Tot Ion:173 Resp: 131039

Ion Ratio Lower Upper

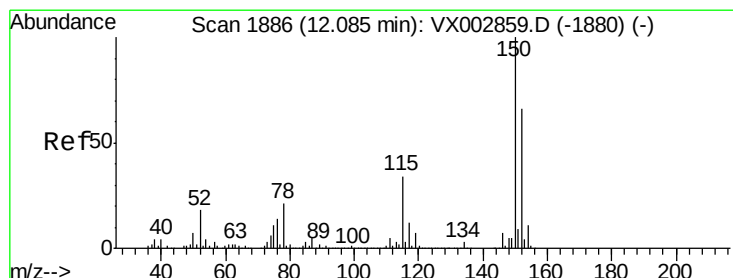
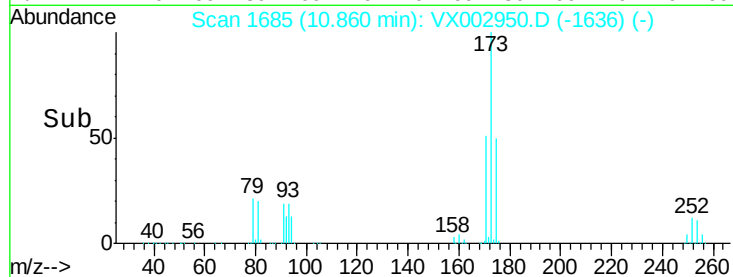
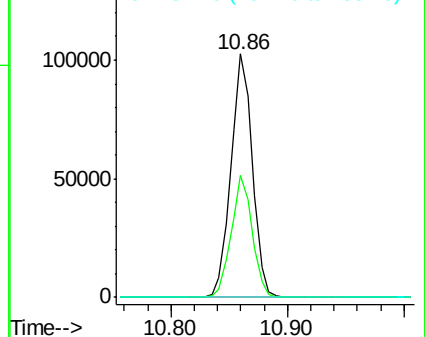
173 100

175 49.0 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: VX002950.D

Acq: 27 Jun 2018 21:22

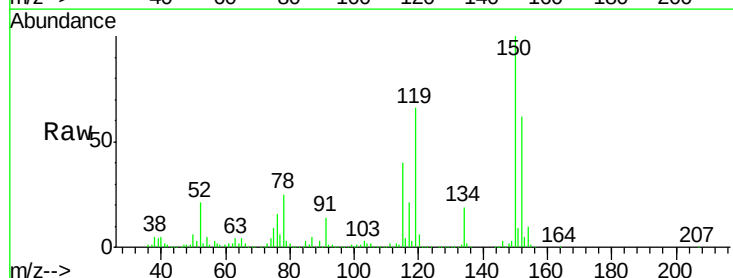
Tgt Ion:152 Resp: 229500

Ion Ratio Lower Upper

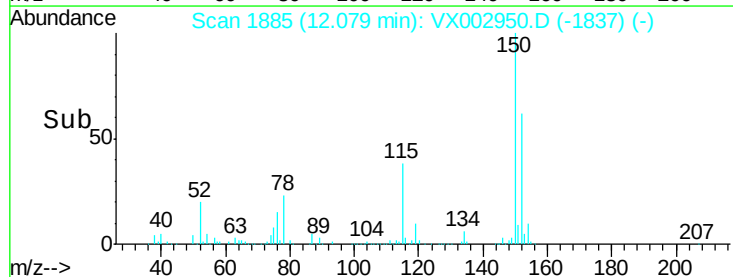
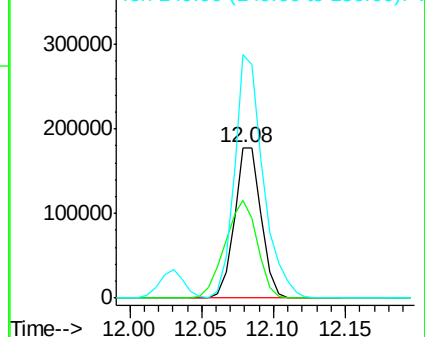
152 100

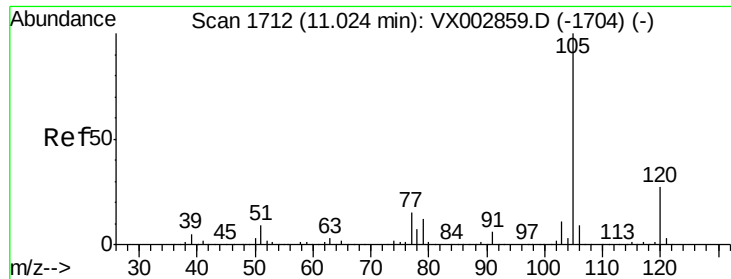
115 79.1 40.1 120.2

150 173.7 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: 51.00 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

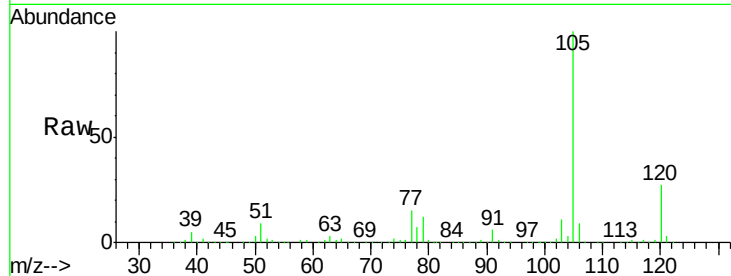
ClientSampleId :

Tot Ion:105 Resp: 787433

Ion Ratio Lower Upper

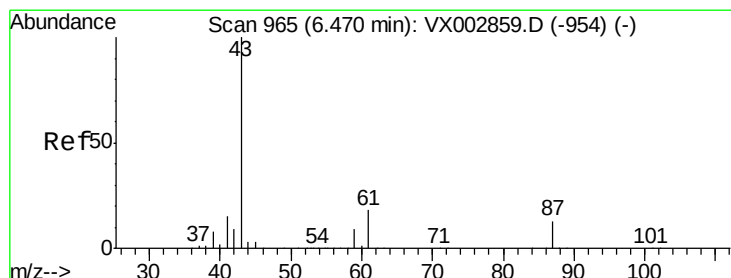
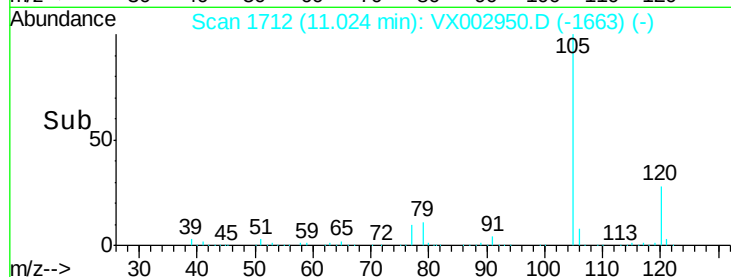
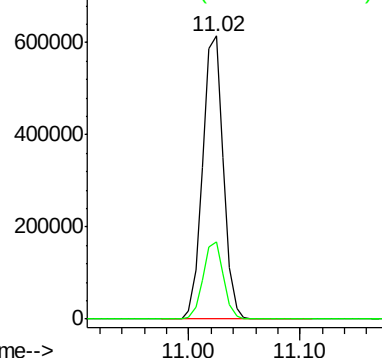
105 100

120 27.0 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: 47.78 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Tgt Ion: 43 Resp: 360940

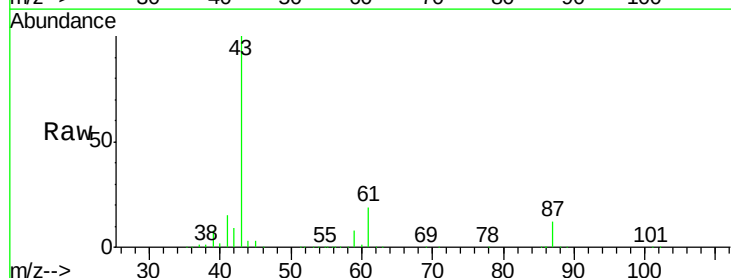
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.6 14.4 21.6

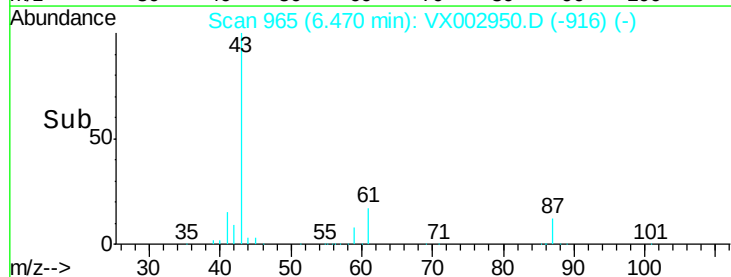
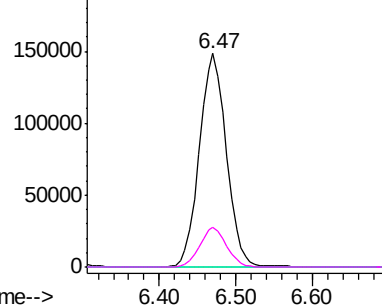


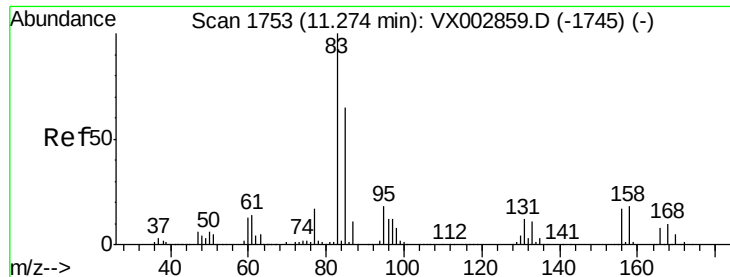
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.54 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

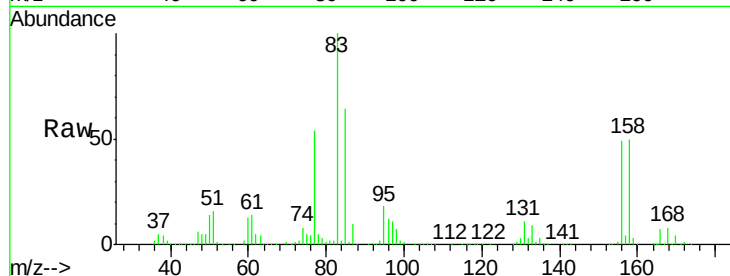
Tot Ion: 83 Resp: 230838

Ion Ratio Lower Upper

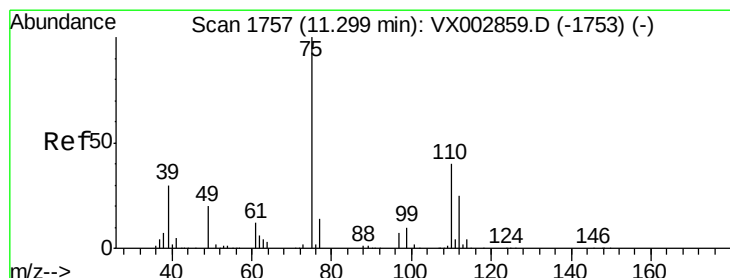
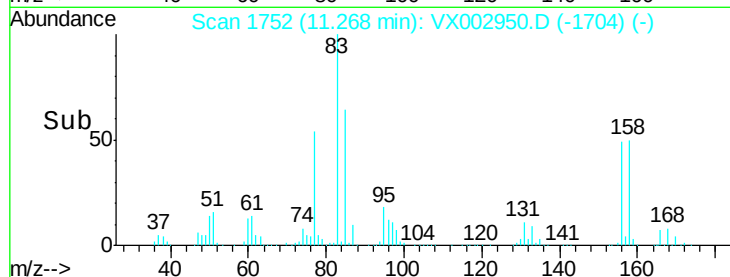
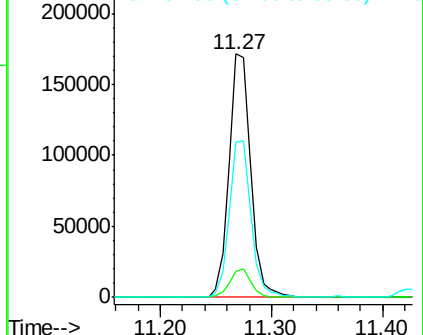
83 100

131 11.3 5.6 16.8

85 64.8 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: 64.51 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002950.D

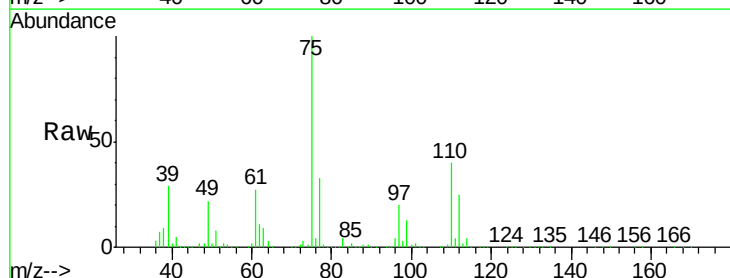
Acq: 27 Jun 2018 21:22

Tgt Ion: 75 Resp: 268163

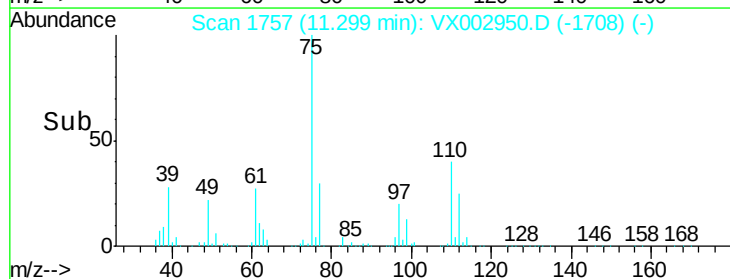
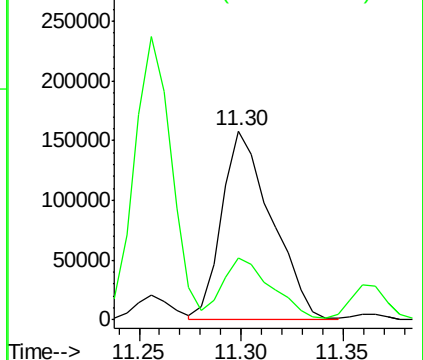
Ion Ratio Lower Upper

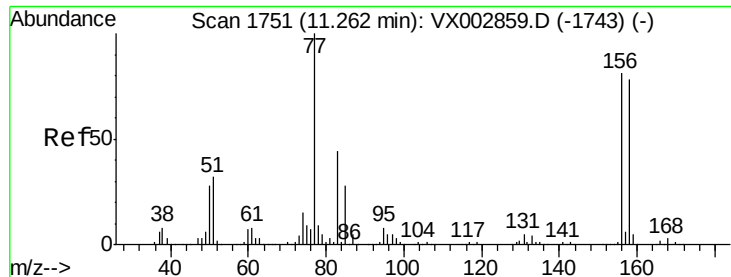
75 100

77 32.1 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: 48.94 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

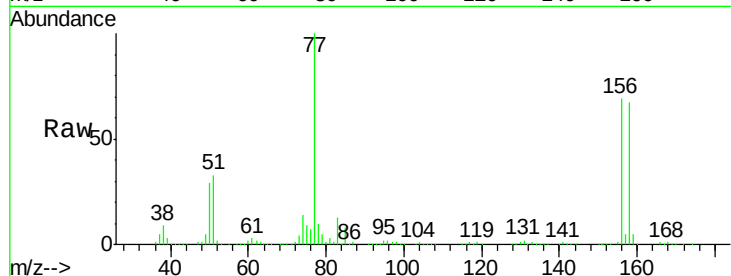
Tot Ion:156 Resp: 215186

Ion Ratio Lower Upper

156 100

77 139.4 71.4 214.2

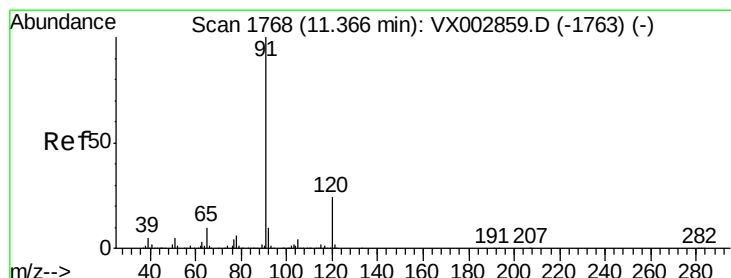
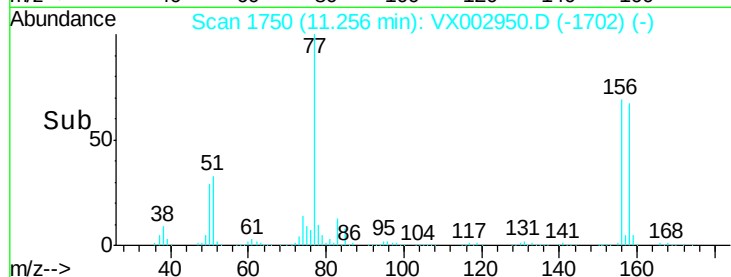
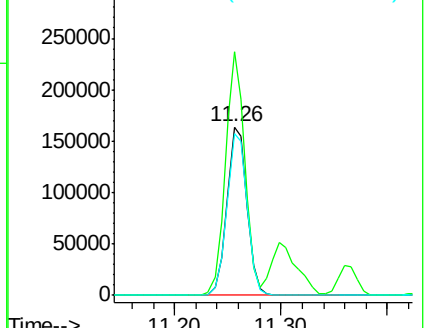
158 97.6 48.9 146.6



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: 50.82 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002950.D

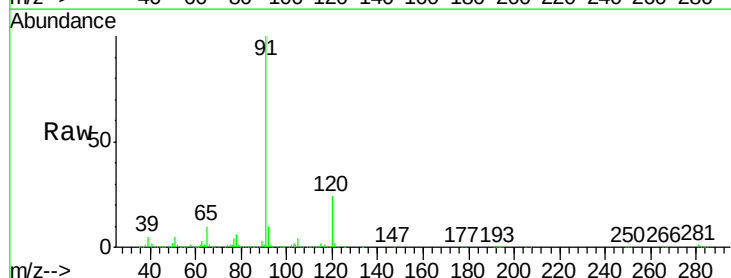
Acq: 27 Jun 2018 21:22

Tgt Ion: 91 Resp: 893123

Ion Ratio Lower Upper

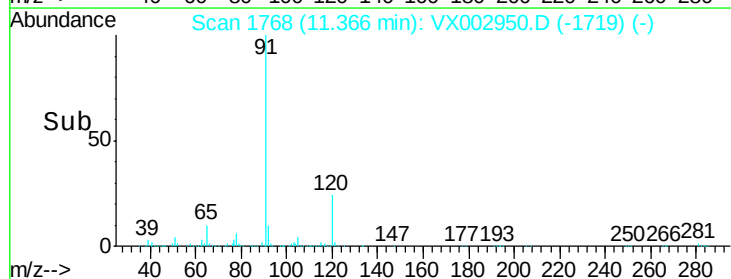
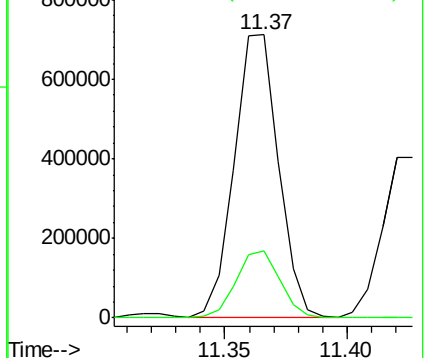
91 100

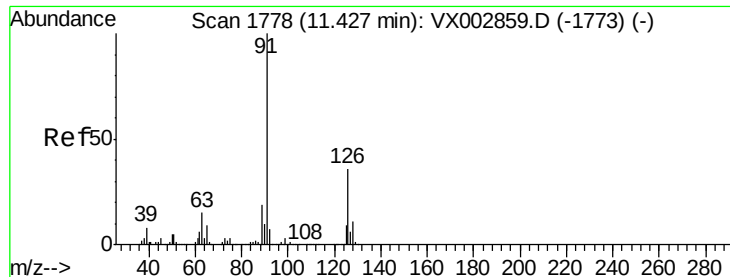
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.77 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

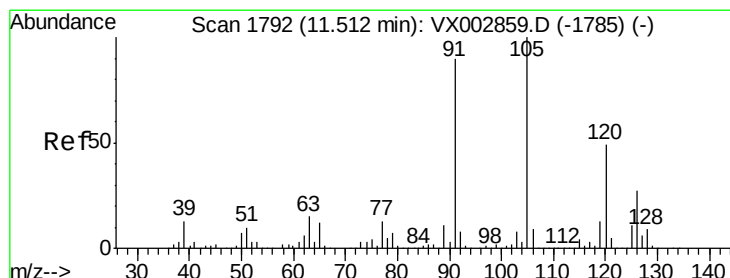
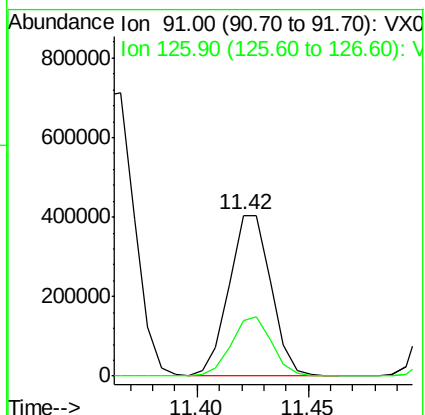
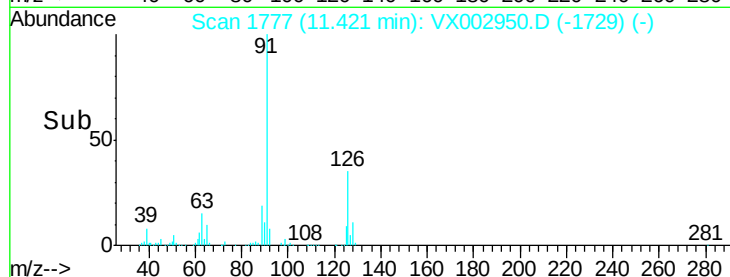
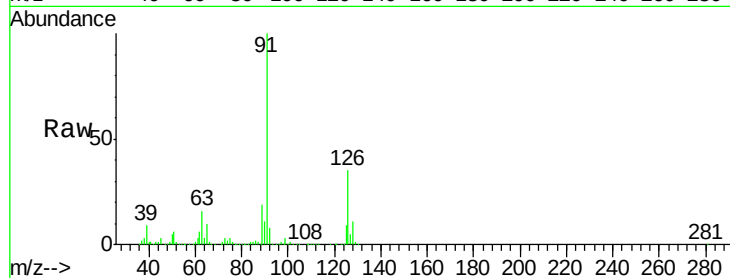
ClientSampled :

Tot Ion: 91 Resp: 529590

Ion Ratio Lower Upper

91 100

126 35.7 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 50.92 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002950.D

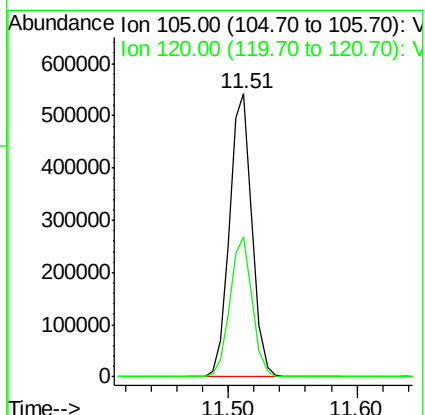
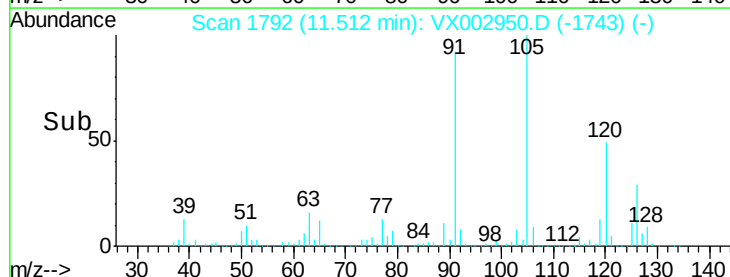
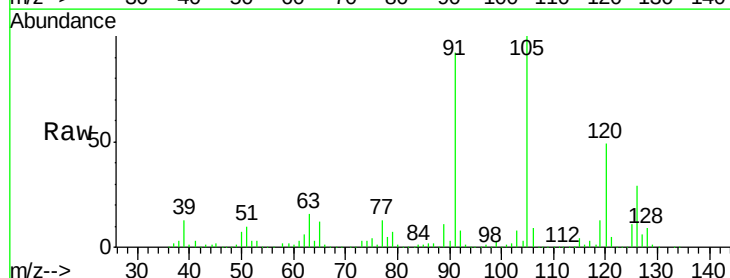
Acq: 27 Jun 2018 21:22

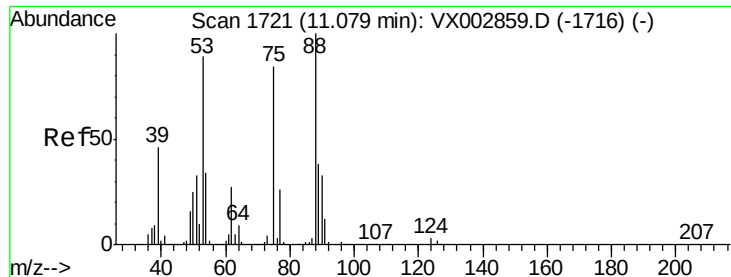
Tgt Ion: 105 Resp: 662122

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4

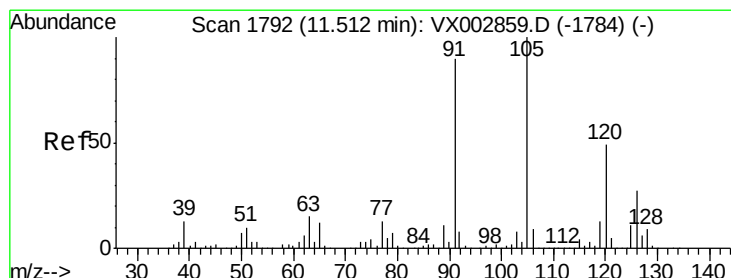
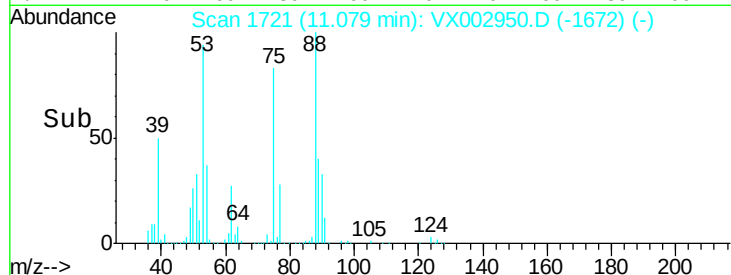
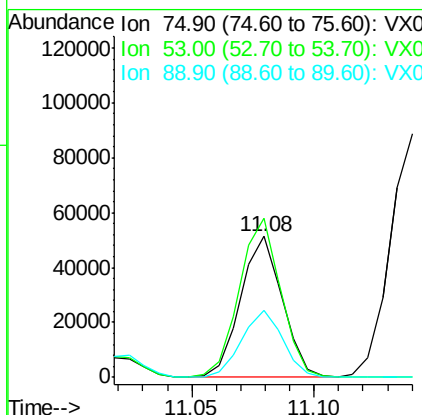
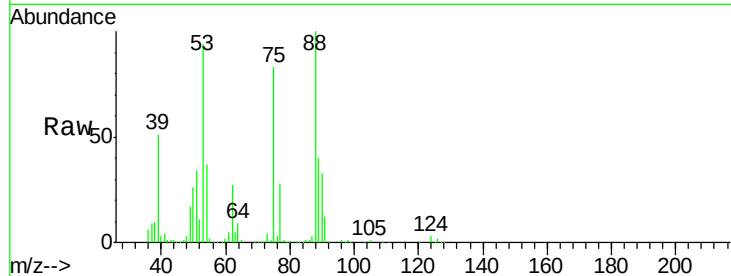




#81
trans-1,4-Dichloro-2-butene
Concen: 42.96 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

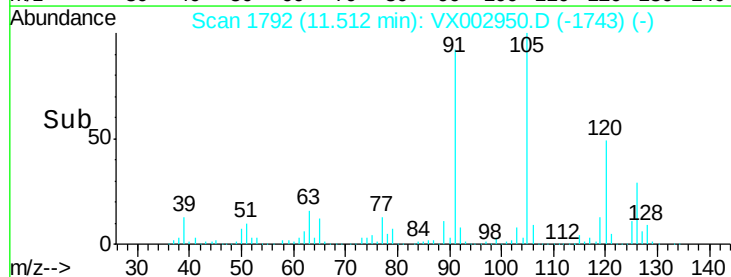
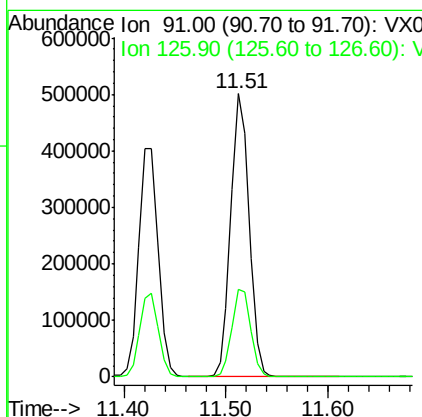
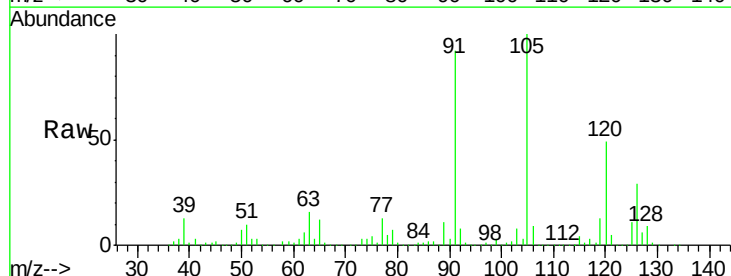
Instrument :
MSVOA_X
ClientSampled :

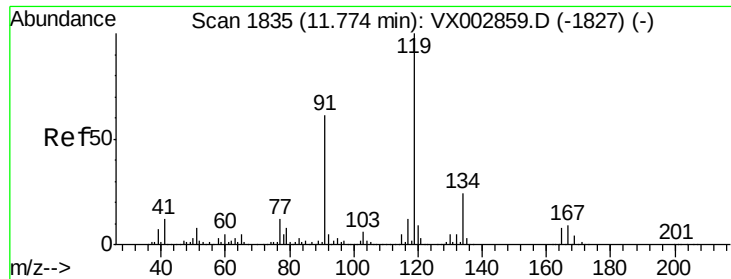
Tot Ion: 75 Resp: 60829
Ion Ratio Lower Upper
75 100
53 112.2 86.8 130.2
89 47.4 38.2 57.2



#82
4-Chlorotoluene
Concen: 49.46 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002950.D
Acq: 27 Jun 2018 21:22

Tgt Ion: 91 Resp: 623032
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.4

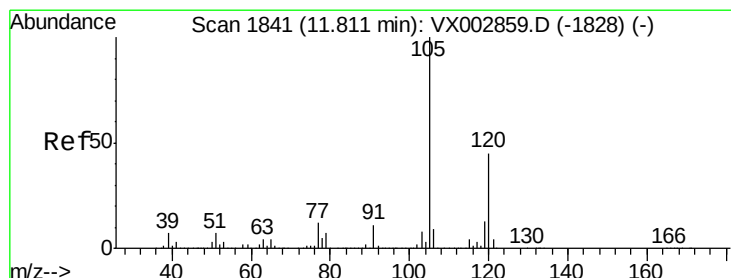
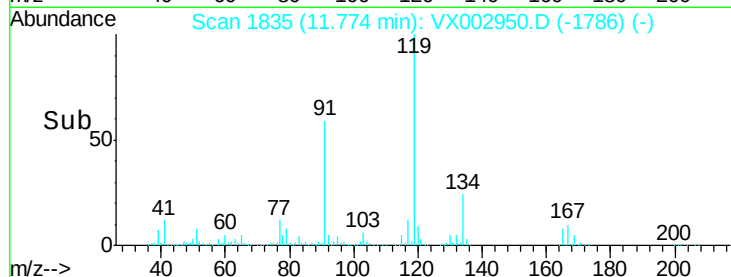
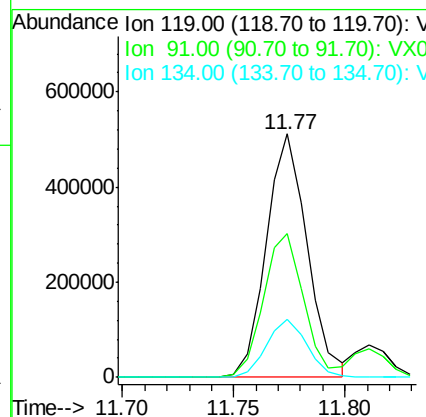
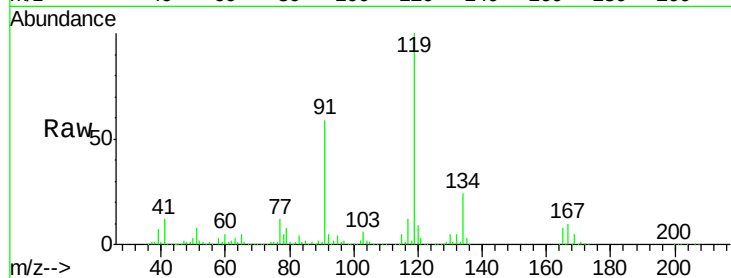




#83
 tert-Butylbenzene
 Concen: 50.96 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

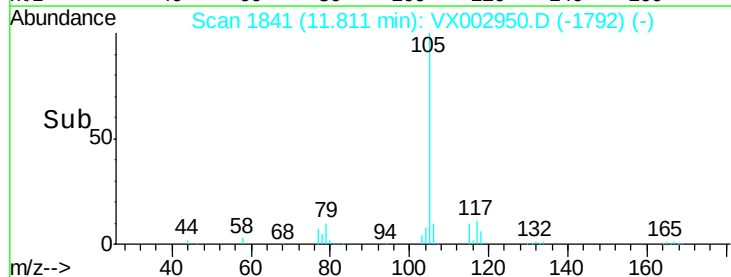
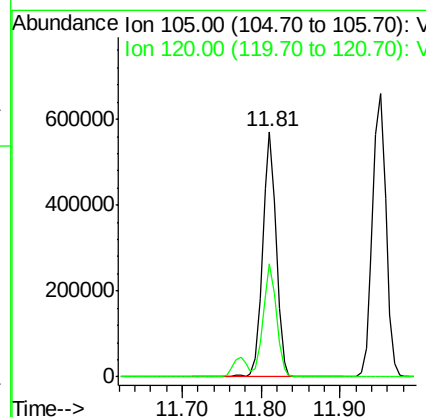
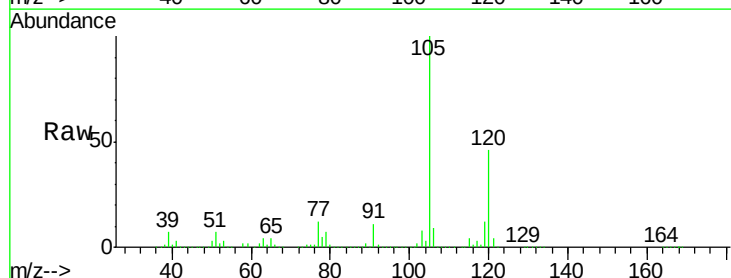
Instrument :
 MSVOA_X
 ClientSampleId :

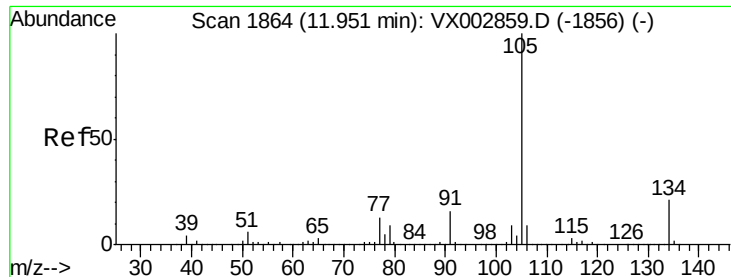
Tot Ion:119 Resp: 653117
 Ion Ratio Lower Upper
 119 100
 91 57.4 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.78 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion:105 Resp: 684208
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.84 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

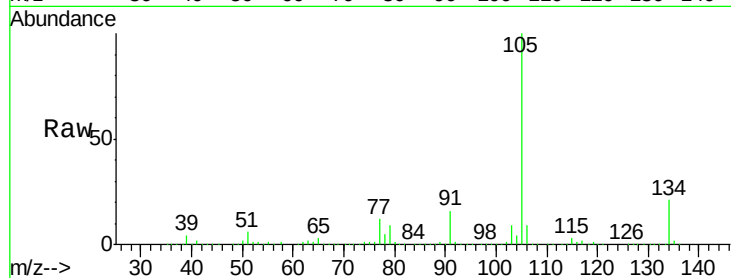
ClientSampleId :

Tot Ion:105 Resp: 790334

Ion Ratio Lower Upper

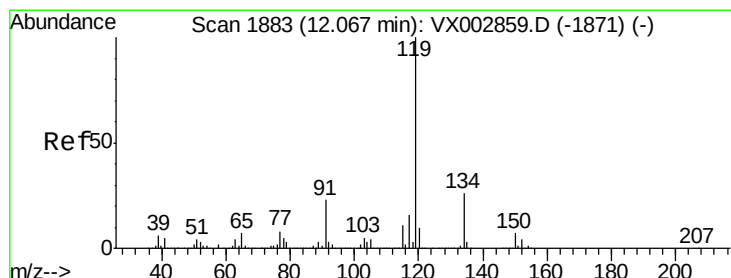
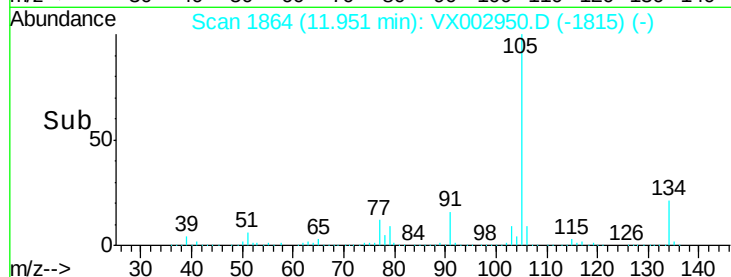
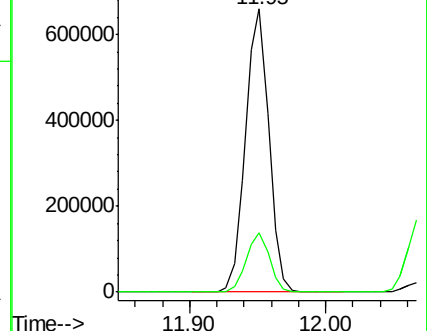
105 100

134 20.7 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: 51.02 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

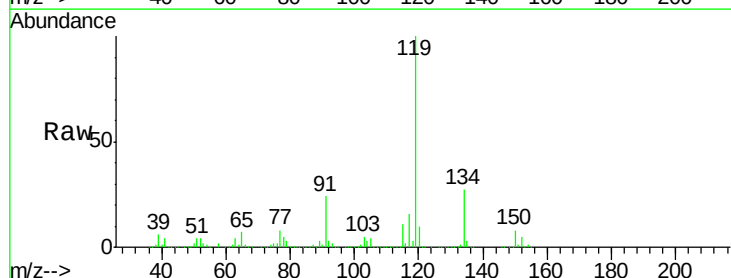
Tgt Ion:119 Resp: 713067

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

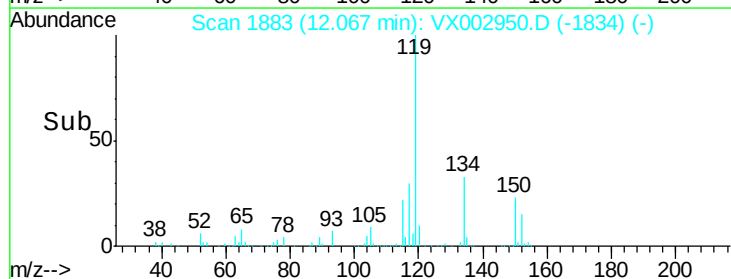
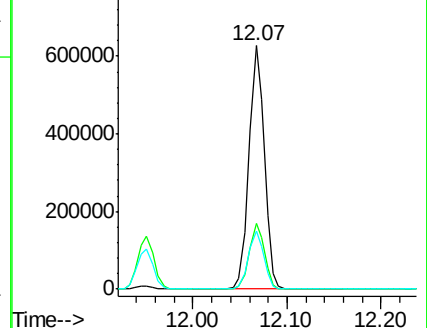
91 23.7 11.9 35.7

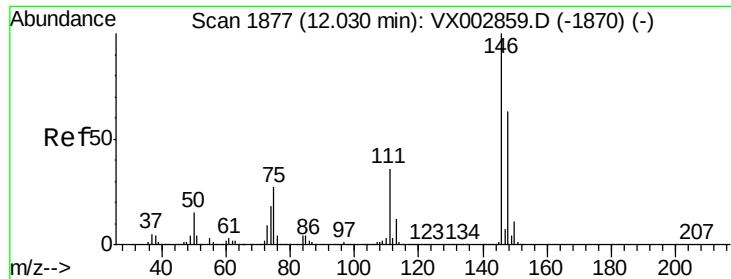


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

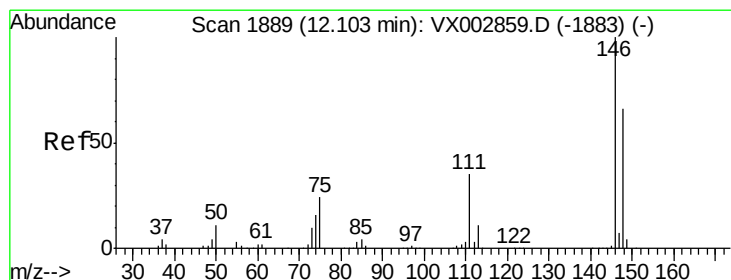
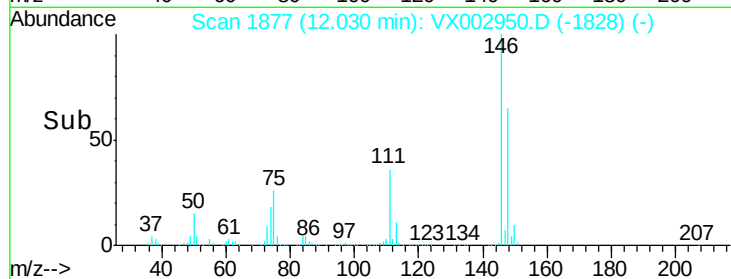
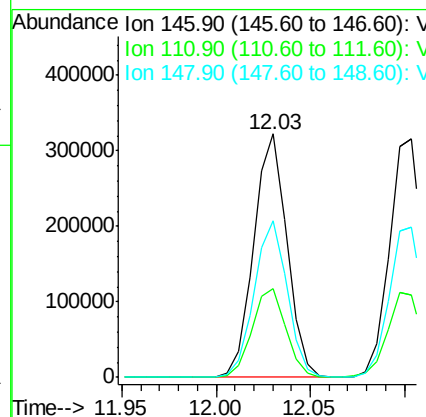
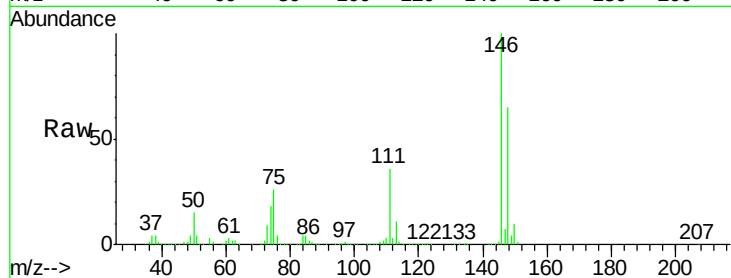




#87
 1,3-Dichlorobenzene
 Concen: 49.04 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

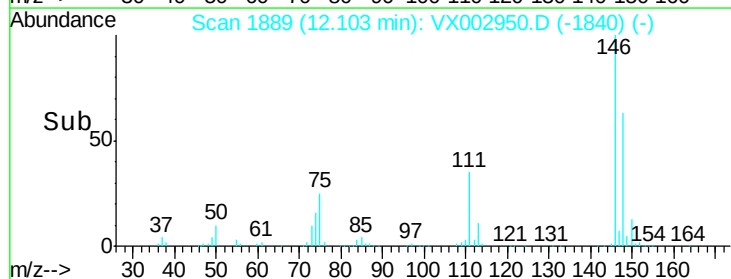
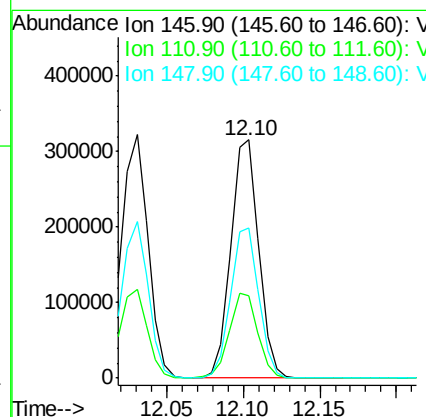
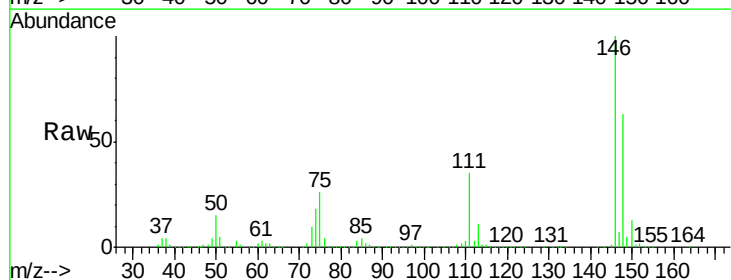
Instrument :
 MSVOA_X
 ClientSampleId :

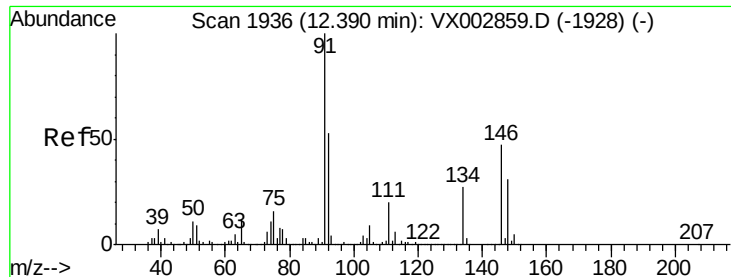
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.1	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.14 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.7	56.1
148	63.9	32.4	97.0





#89

n-Butylbenzene

Concen: 49.68 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

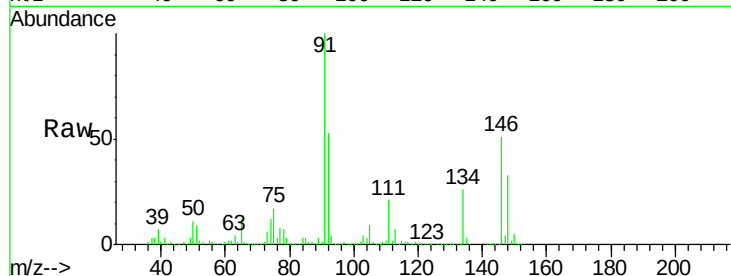
Tot Ion: 91 Resp: 604367

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

134 27.6 13.5 40.5

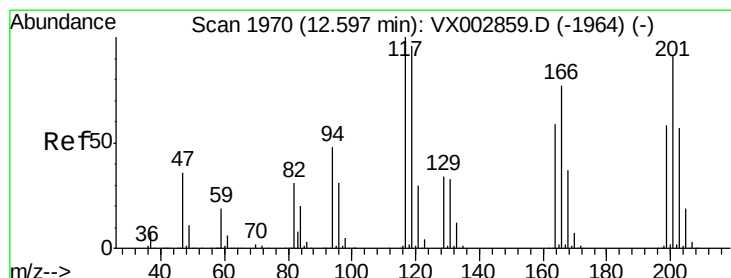
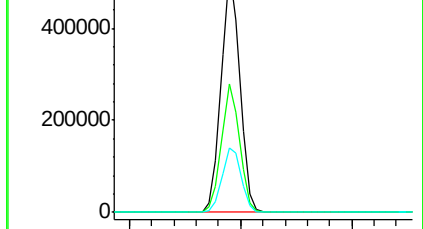
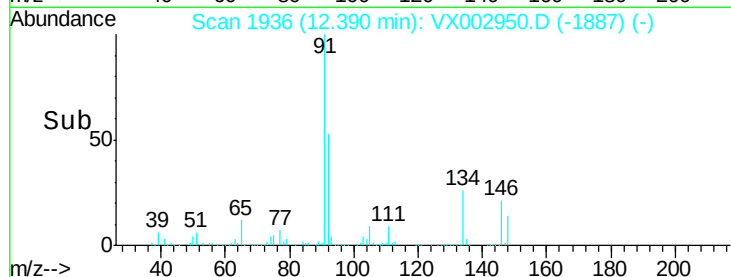


Abundance Ion 91.00 (90.70 to 91.70): VX002950.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX002950.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX002950.D (-1928) (-)

Time--> 12.30 12.40 12.50



#90

Hexachloroethane

Concen: 50.17 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002950.D

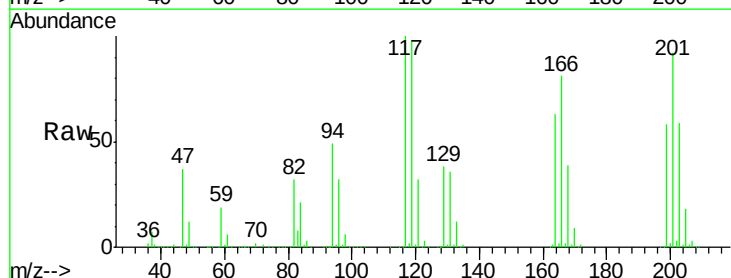
Acq: 27 Jun 2018 21:22

Tgt Ion: 117 Resp: 104310

Ion Ratio Lower Upper

117 100

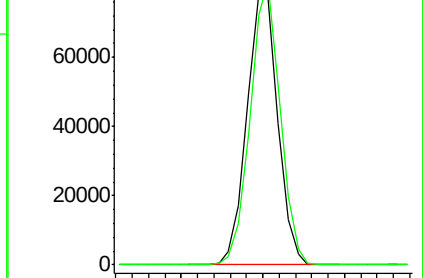
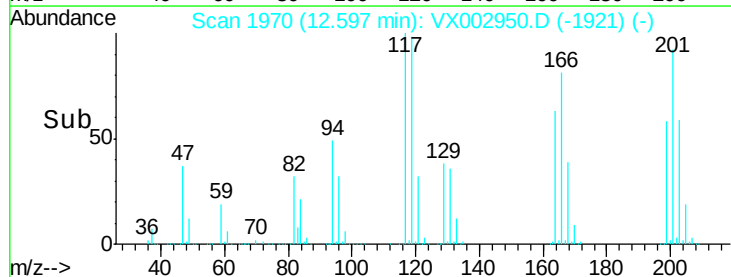
201 99.5 49.0 147.0

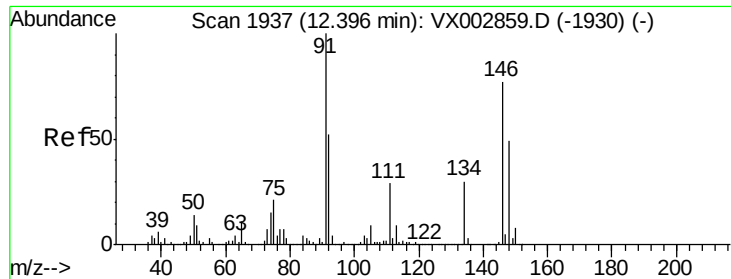


Abundance Ion 116.80 (116.50 to 117.50): VX002950.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX002950.D (-1921) (-)

Time--> 12.55 12.60 12.65

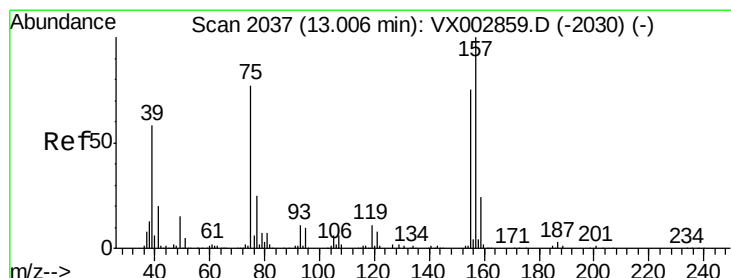
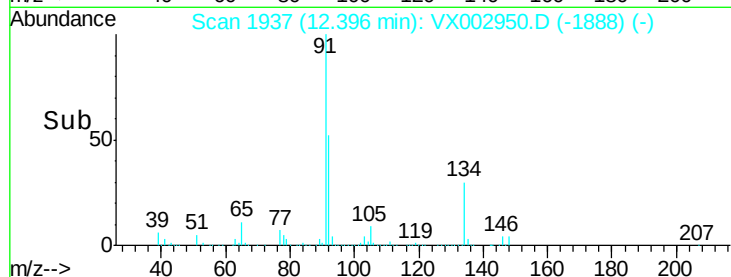
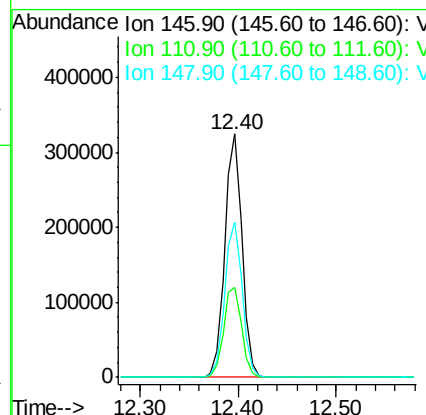
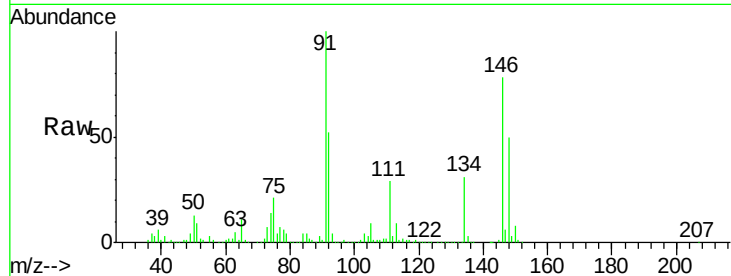




#91
 1,2-Dichlorobenzene
 Concen: 48.67 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

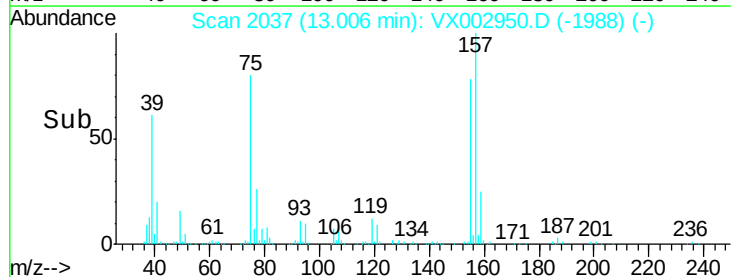
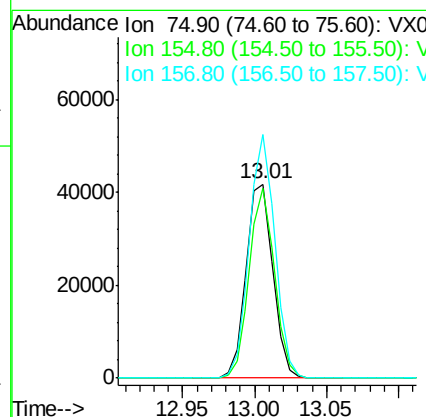
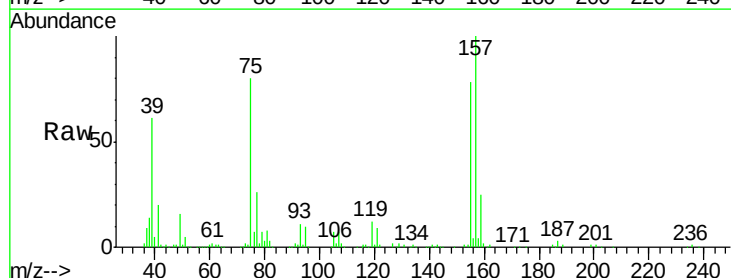
Instrument :
 MSVOA_X
 ClientSampleId :

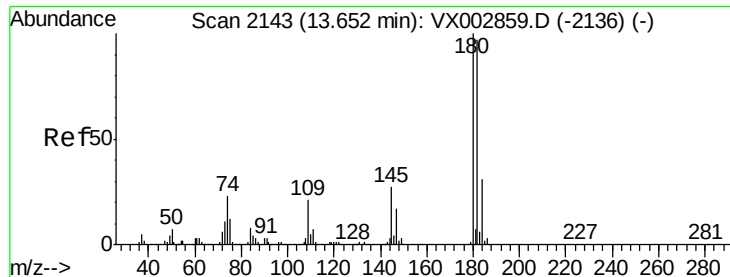
Tot Ion:146 Resp: 394460
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 64.8 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.44 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion: 75 Resp: 53930
 Ion Ratio Lower Upper
 75 100
 155 92.2 45.8 137.4
 157 119.6 60.1 180.3

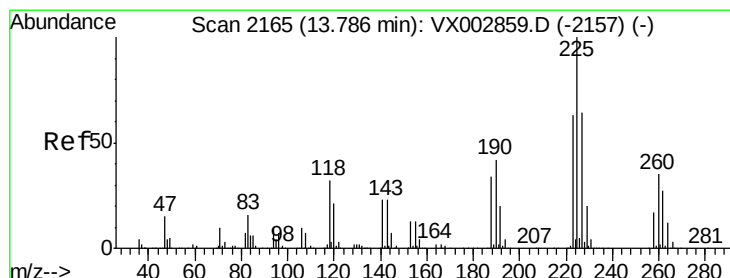
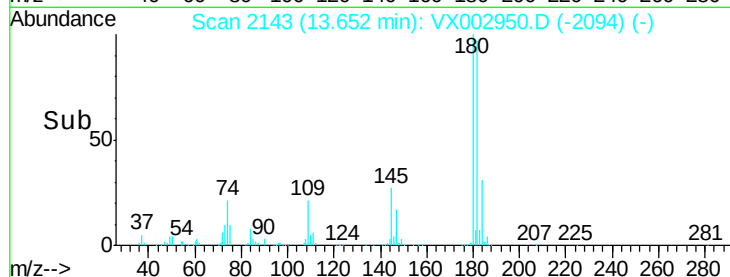
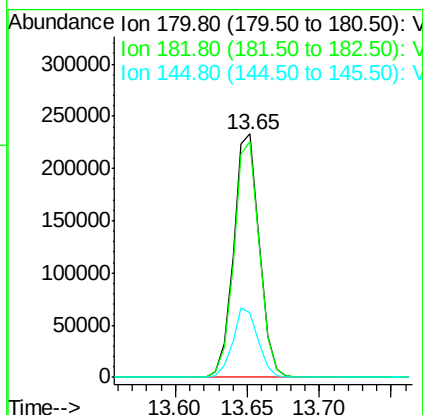
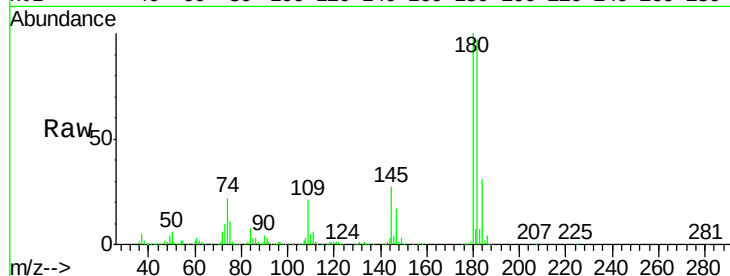




#93
 1,2,4-Trichlorobenzene
 Concen: 49.20 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

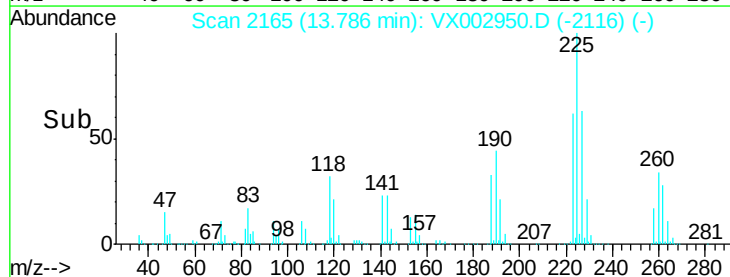
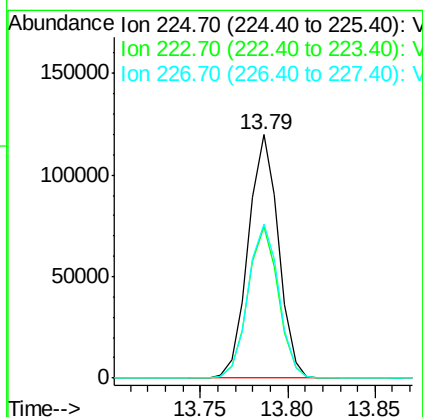
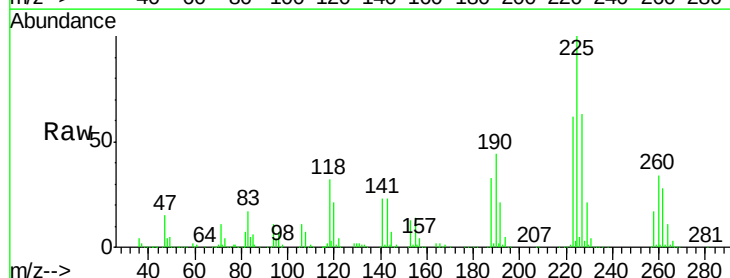
Instrument :
 MSVOA_X
 ClientSampleId :

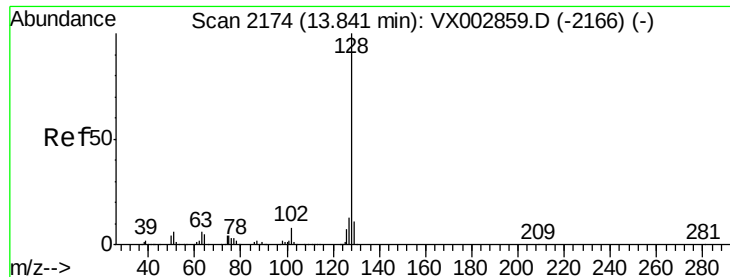
Tot Ion:180 Resp: 290236
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 48.77 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002950.D
 Acq: 27 Jun 2018 21:22

Tgt Ion:225 Resp: 143475
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 64.4 32.4 97.2





#95

Naphthalene

Concen: 51.79 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

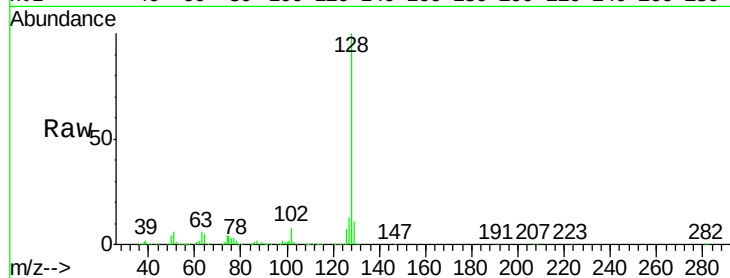
Tot Ion:128 Resp: 813609

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

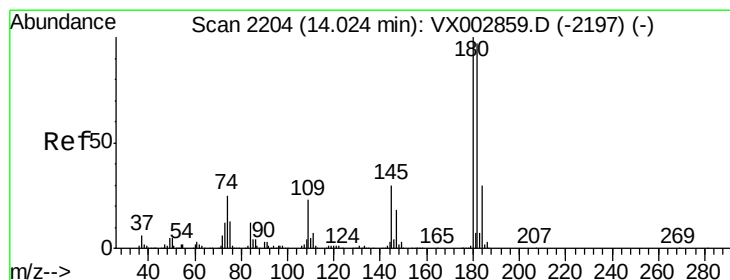
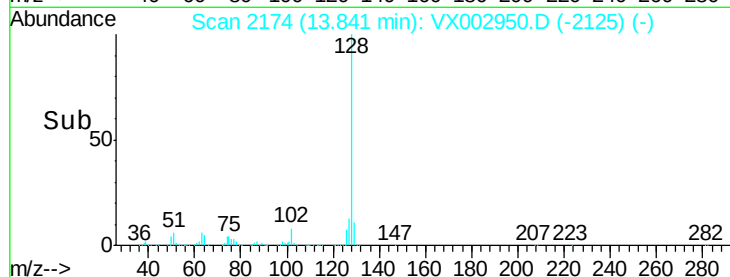
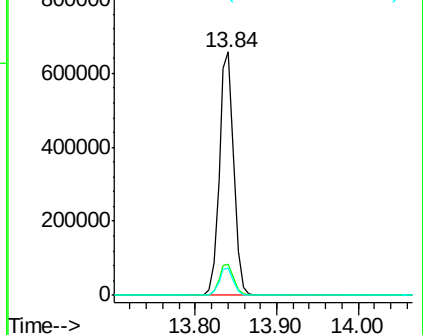
129 11.0 8.6 13.0



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: 49.86 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002950.D

Acq: 27 Jun 2018 21:22

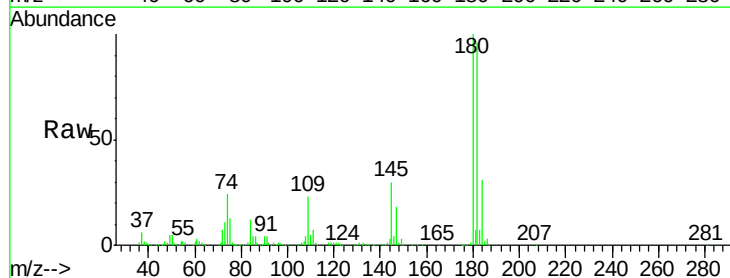
Tgt Ion:180 Resp: 293784

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.0

145 29.6 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

