

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002889.D
 Acq On : 26 Jun 2018 04:45
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 08:39:35 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	263580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231374	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	185889	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
35) Dibromofluoromethane	5.51	113	149034	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
50) Toluene-d8	8.72	98	539432	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.14	95	207518	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	114188	48.51	ug/l	100
3) Chloromethane	1.32	50	123849	50.70	ug/l	99
4) Vinyl Chloride	1.41	62	136014	45.63	ug/l #	87
5) Bromomethane	1.64	94	40551	27.94	ug/l	100
6) Chloroethane	1.72	64	116928	67.61	ug/l	98
7) Trichlorofluoromethane	1.93	101	242354	48.20	ug/l	98
8) Diethyl Ether	2.19	74	88654	48.50	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	134820	46.27	ug/l	99
10) Methyl Iodide	2.51	142	81372	30.34	ug/l	99
11) Tert butyl alcohol	3.08	59	181148	249.60	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123002	47.32	ug/l	96
13) Acrolein	2.29	56	82812	206.57	ug/l	99
14) Allyl chloride	2.73	41	242628	47.35	ug/l	98
15) Acrylonitrile	3.15	53	384758	248.20	ug/l	99
16) Acetone	2.45	43	360318	238.82	ug/l	99
17) Carbon Disulfide	2.57	76	345785	49.93	ug/l	99
18) Methyl Acetate	2.78	43	225681	53.50	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	460403	49.27	ug/l	99
20) Methylene Chloride	2.86	84	138747	47.26	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	131867	46.57	ug/l	97
22) Diisopropyl ether	3.88	45	489887	50.01	ug/l	98
23) Vinyl Acetate	3.83	43	2037676	245.68	ug/l	98
24) 1,1-Dichloroethane	3.70	63	260148	48.87	ug/l	99
25) 2-Butanone	4.71	43	559966	250.08	ug/l	98
26) 2,2-Dichloropropane	4.59	77	152044	35.12	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	152312	47.98	ug/l	94
28) Bromochloromethane	5.03	49	132094	51.84	ug/l	95
29) Tetrahydrofuran	5.17	42	358314	249.54	ug/l	97
30) Chloroform	5.22	83	273793	50.11	ug/l	97
31) Cyclohexane	5.58	56	219599	48.06	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	243204	50.59	ug/l	100
36) 1,1-Dichloropropene	5.80	75	192444	47.17	ug/l	99
37) Ethyl Acetate	4.87	43	218984	49.85	ug/l	100
38) Carbon Tetrachloride	5.79	117	218002	48.69	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	221879	46.69	ug/l	97
40) Benzene	6.15	78	568766	47.98	ug/l	99
41) Methacrylonitrile	5.07	41	124307	49.14	ug/l	98
42) 1,2-Dichloroethane	6.20	62	227437	47.50	ug/l	100
43) Isopropyl Acetate	6.47	43	360503	48.93	ug/l	99
44) Trichloroethene	7.21	130	168020	47.54	ug/l	99
45) 1,2-Dichloropropane	7.52	63	153526	48.82	ug/l	99
46) Dibromomethane	7.67	93	105801	48.48	ug/l	98
47) Bromodichloromethane	7.90	83	208164	51.60	ug/l	97
48) Methyl methacrylate	7.78	41	191026	50.32	ug/l	98
49) 1,4-Dioxane	7.76	88	70196	950.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1180366	256.08	ug/l	99
52) Toluene	8.79	92	371433	48.91	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	224686	49.18	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	208265	47.37	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154674	49.57	ug/l	98
56) Ethyl methacrylate	9.18	69	232389	50.95	ug/l	97
57) 1,3-Dichloropropane	9.38	76	252358	49.24	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	552221	250.98	ug/l	99
59) 2-Hexanone	9.50	43	905195	258.39	ug/l	98
60) Dibromochloromethane	9.59	129	173290	52.75	ug/l	99
61) 1,2-Dibromoethane	9.68	107	163949	50.09	ug/l	100
64) Tetrachloroethene	9.34	164	177353	44.23	ug/l	97
65) Chlorobenzene	10.14	112	429733	46.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163644	49.19	ug/l	99
67) Ethyl Benzene	10.26	91	740120	48.92	ug/l	99
68) m/p-Xylenes	10.36	106	574567	98.54	ug/l	100
69) o-Xylene	10.70	106	280106	49.34	ug/l	99
70) Styrene	10.71	104	459325	49.79	ug/l	99
71) Bromoform	10.86	173	138562	46.40	ug/l	100
73) Isopropylbenzene	11.02	105	765764	49.20	ug/l	100
74) N-amyl acetate	6.47	43	360503	47.34	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	242625	50.60	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	254669	60.77	ug/l	80
77) Bromobenzene	11.26	156	211531	47.72	ug/l	98
78) n-propylbenzene	11.37	91	875434	49.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	520902	48.56	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	651329	49.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	51202	36.43	ug/l	97
82) 4-Chlorotoluene	11.51	91	614394	48.38	ug/l	99
83) tert-Butylbenzene	11.77	119	653087	50.55	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	668074	49.18	ug/l	99
85) sec-Butylbenzene	11.95	105	768116	49.01	ug/l	100
86) p-Isopropyltoluene	12.07	119	697601	49.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	385656	47.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	394047	47.30	ug/l	99
89) n-Butylbenzene	12.39	91	592557	48.31	ug/l	100
90) Hexachloroethane	12.60	117	97753	46.64	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	389091	47.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54213	50.30	ug/l	97

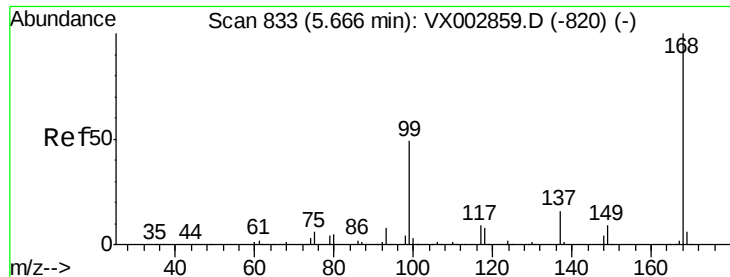
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286405	48.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	138433	46.67	ug/l	100
95) Naphthalene	13.83	128	813447	51.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	292684	49.28	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

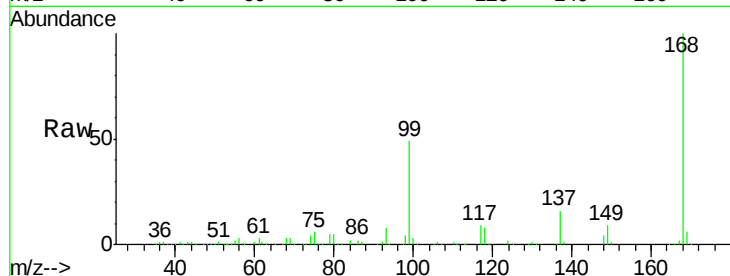
ClientSampleId :

Tot Ion:168 Resp: 263580

Ion Ratio Lower Upper

168 100

99 49.1 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

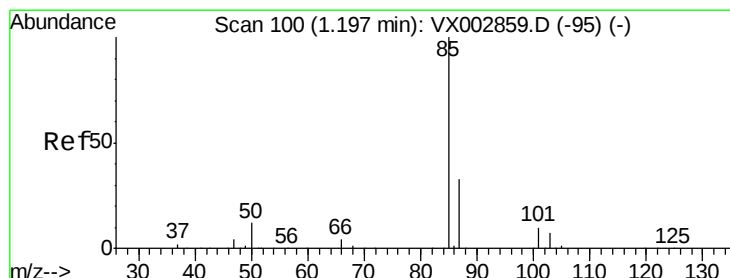
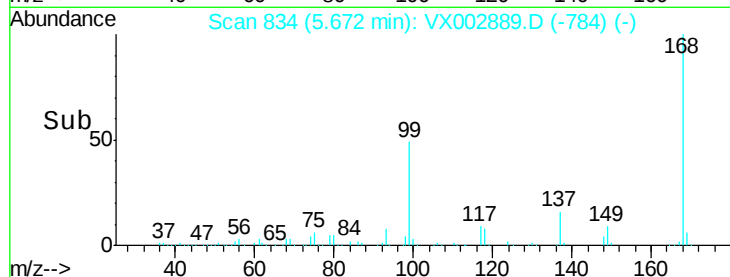
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.51 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002889.D

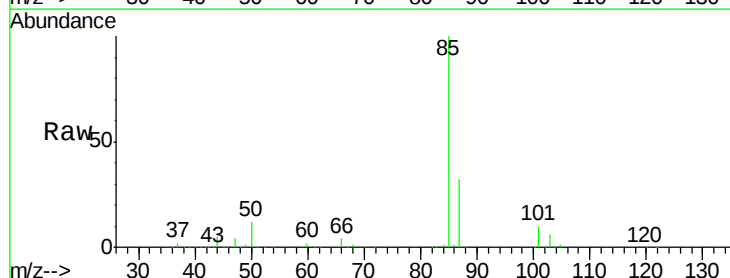
Acq: 26 Jun 2018 04:45

Tgt Ion: 85 Resp: 114188

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

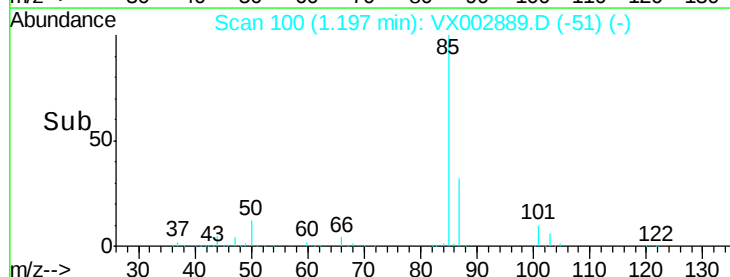
1.20

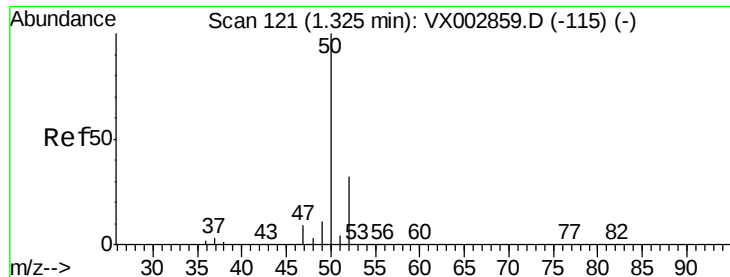
100000

50000

0

Time--> 1.10 1.20 1.30

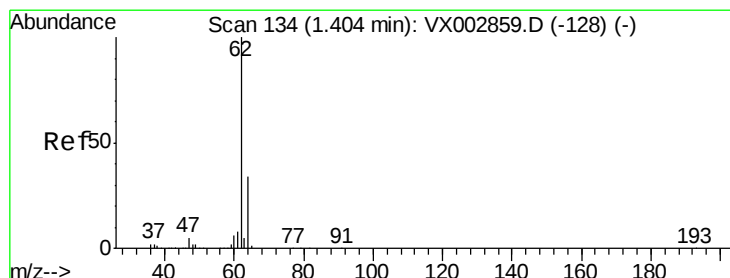
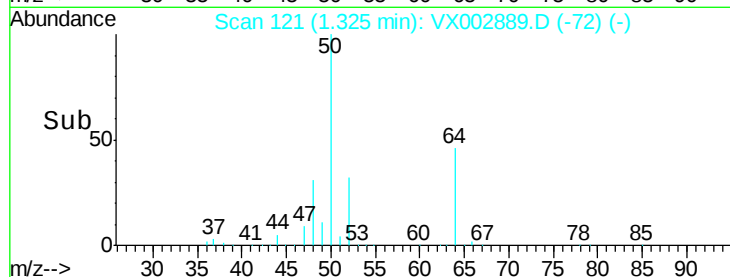
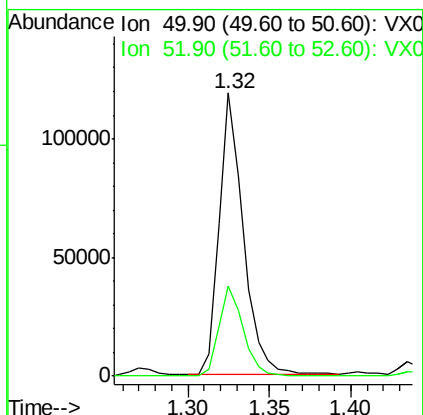
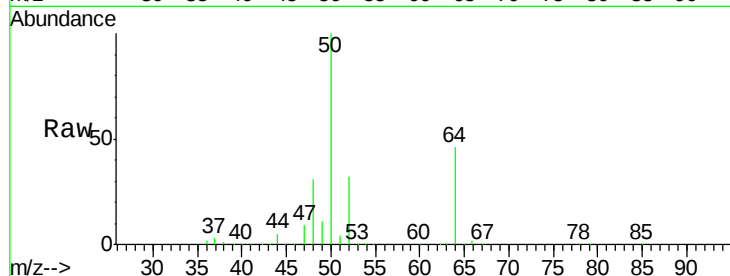




#3
Chloromethane
Concen: 50.70 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

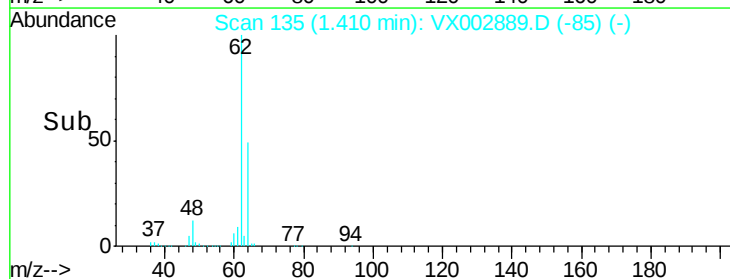
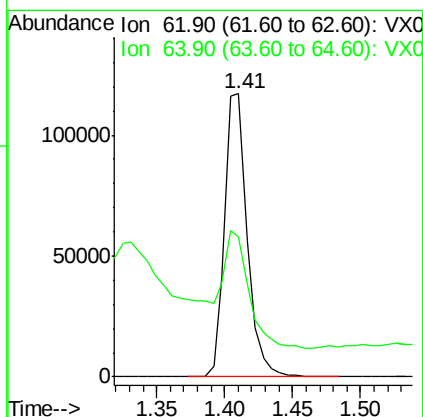
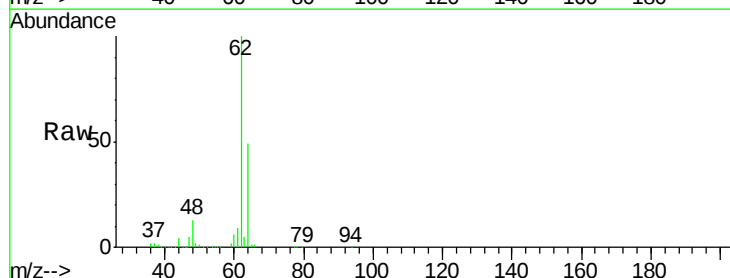
Instrument :
MSVOA_X
ClientSampled :

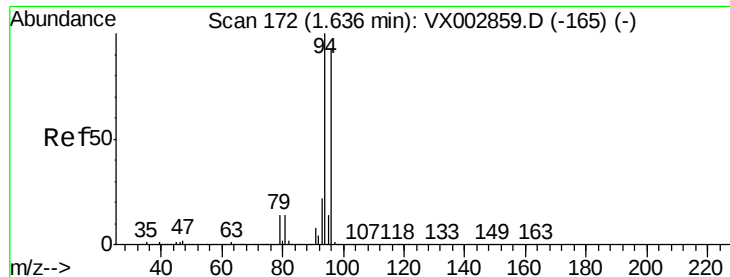
Tot Ion: 50 Resp: 123849
Ion Ratio Lower Upper
50 100
52 31.8 25.7 38.5



#4
Vinyl Chloride
Concen: 45.63 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 62 Resp: 136014
Ion Ratio Lower Upper
62 100
64 38.8 25.4 38.2#





#5

Bromomethane

Concen: 27.94 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

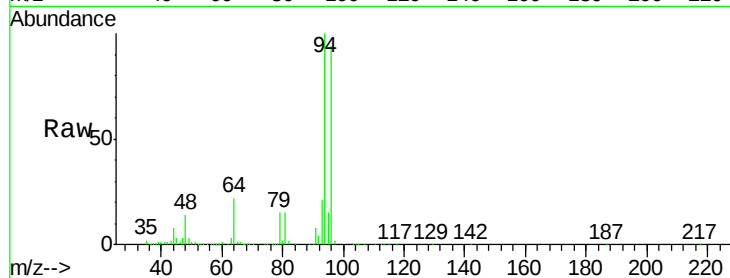
ClientSampleId :

Tot Ion: 94 Resp: 40551

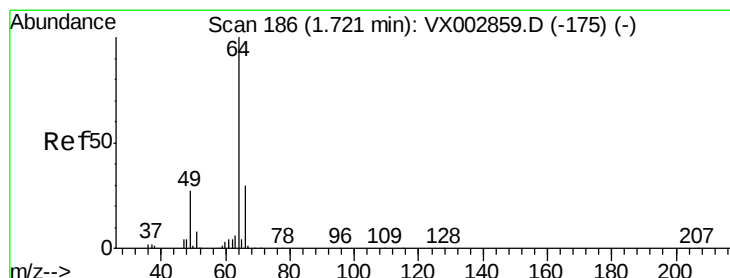
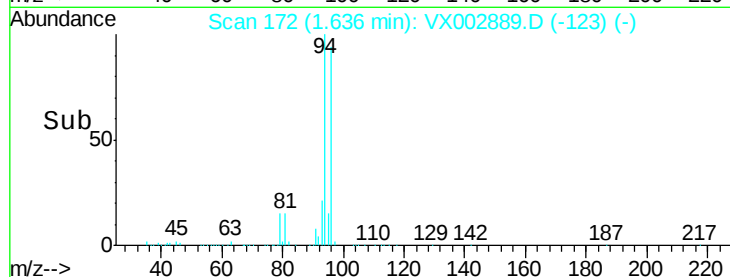
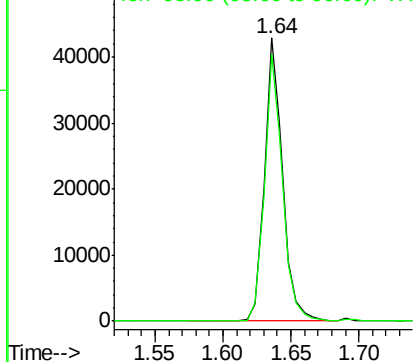
Ion Ratio Lower Upper

94 100

96 94.1 74.9 112.3



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



#6

Chloroethane

Concen: 67.61 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002889.D

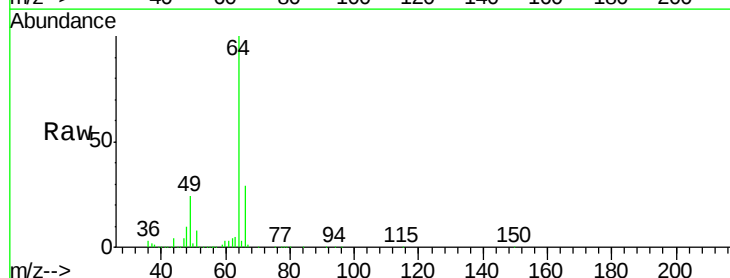
Acq: 26 Jun 2018 04:45

Tgt Ion: 64 Resp: 116928

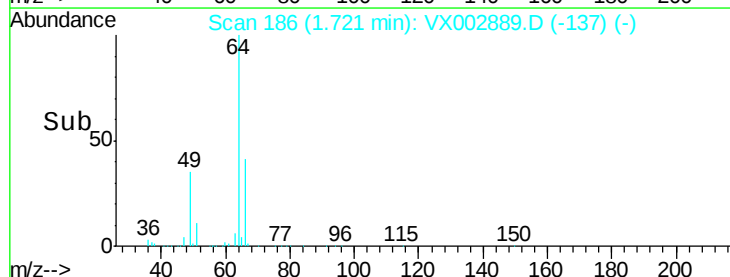
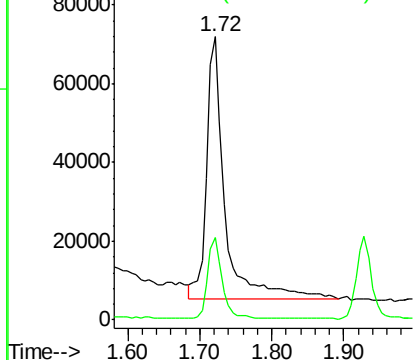
Ion Ratio Lower Upper

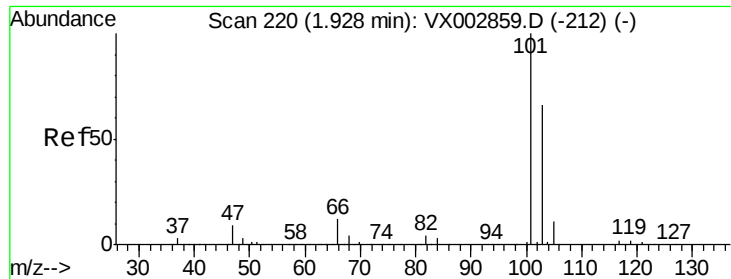
64 100

66 31.0 25.5 38.3



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



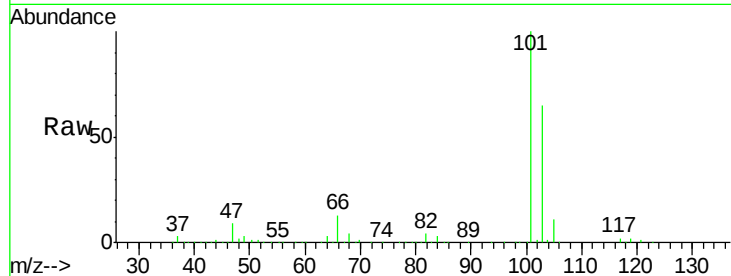


#7

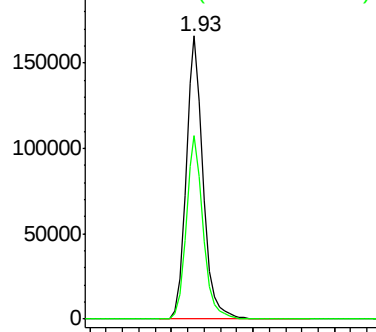
Trichlorofluoromethane
Concen: 48.20 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
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ClientSampleId :

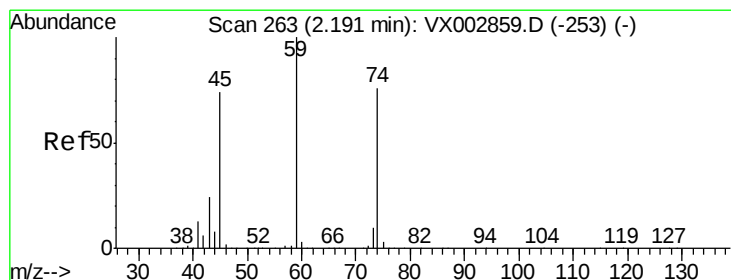
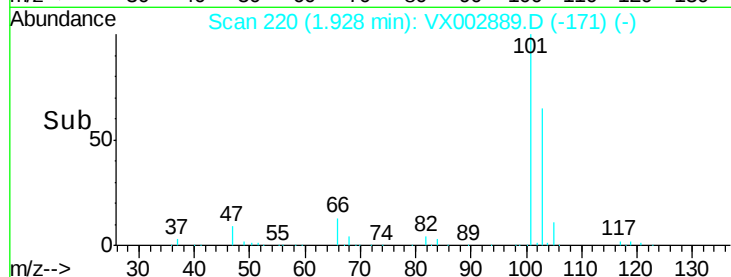
Tot Ion:101 Resp: 242354
Ion Ratio Lower Upper
101 100
103 64.7 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



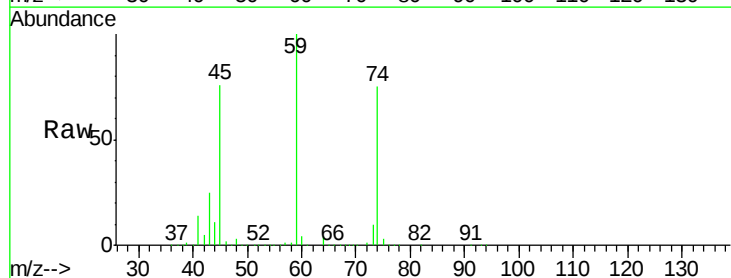
Time--> 1.80 1.90 2.00 2.10



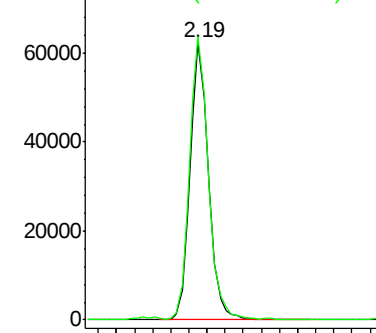
#8

Diethyl Ether
Concen: 48.50 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

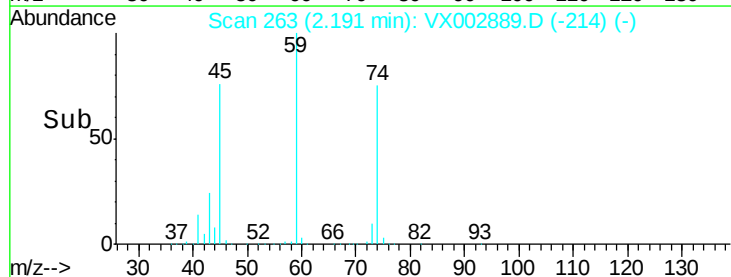
Tgt Ion: 74 Resp: 88654
Ion Ratio Lower Upper
74 100
45 103.2 53.1 159.4

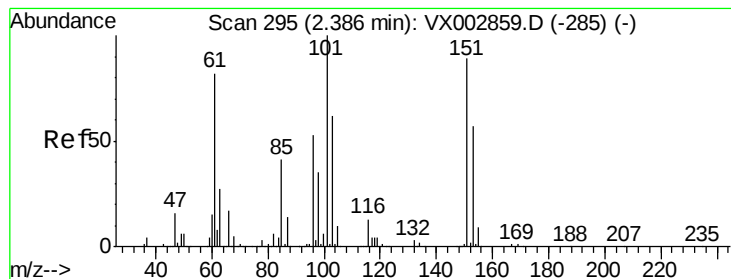


Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.27 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

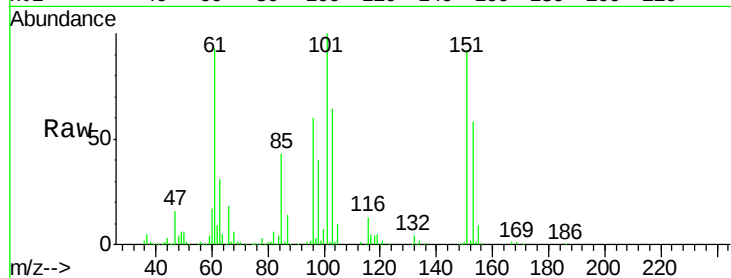
Tot Ion:101 Resp: 134820

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

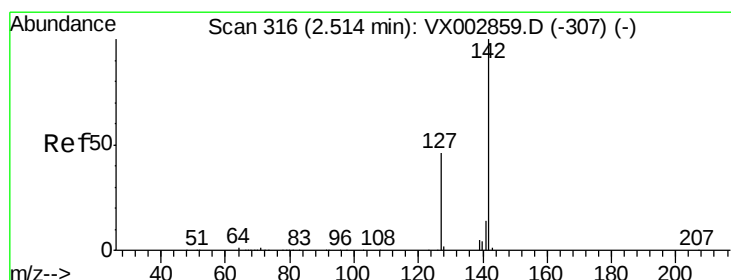
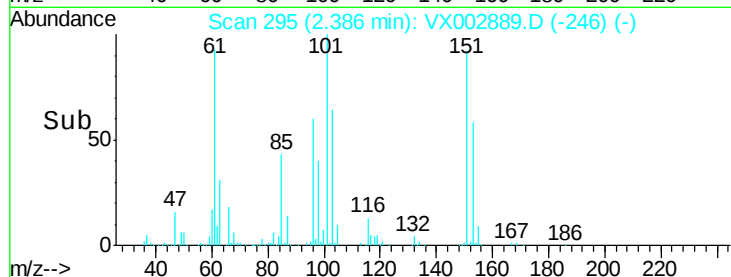
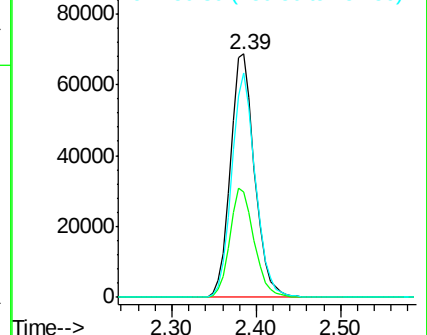
151 90.0 70.9 106.3



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: 30.34 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

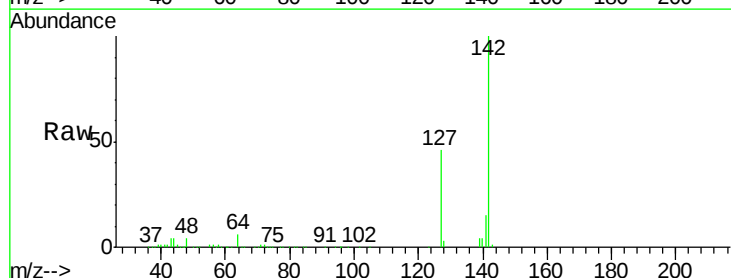
Tgt Ion:142 Resp: 81372

Ion Ratio Lower Upper

142 100

127 45.5 36.6 55.0

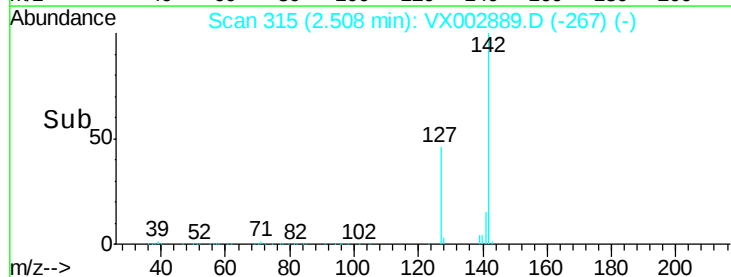
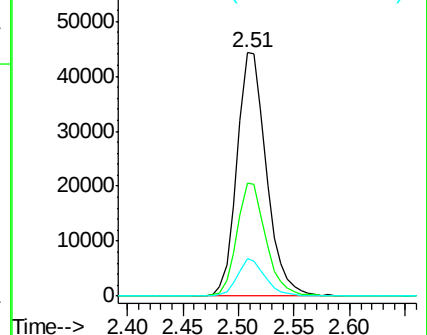
141 14.5 11.3 16.9

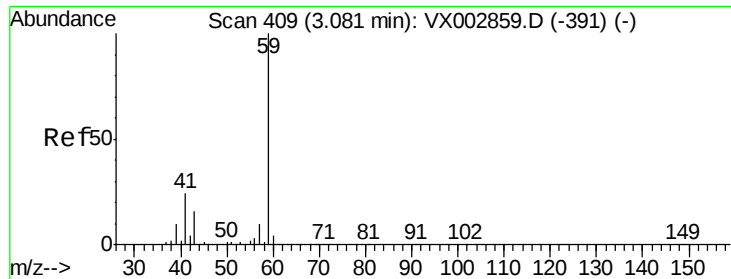


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

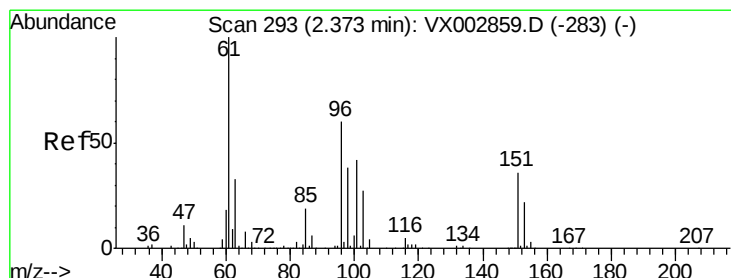
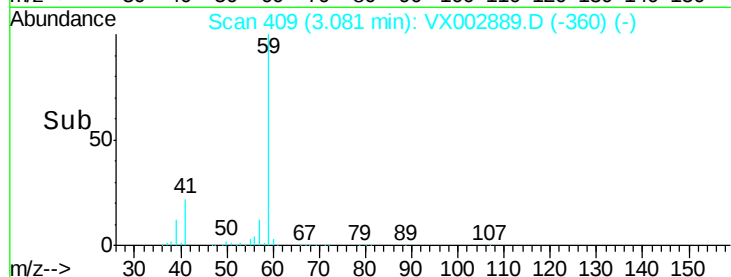
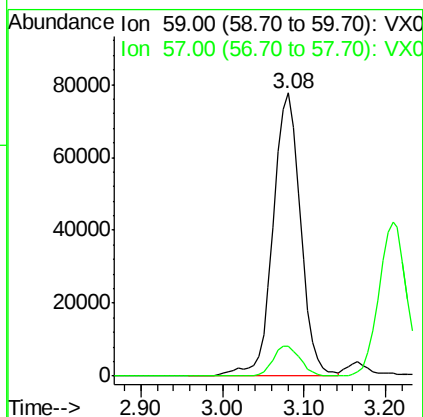
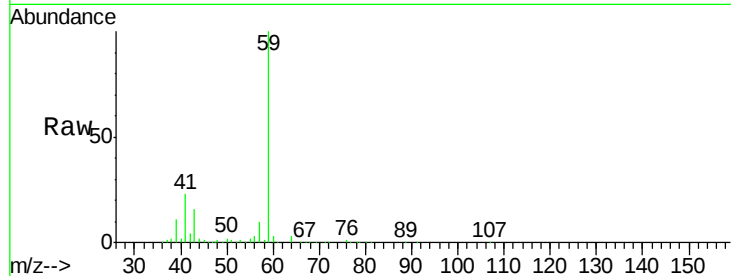




#11
Tert butyl alcohol
Concen: 249.60 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

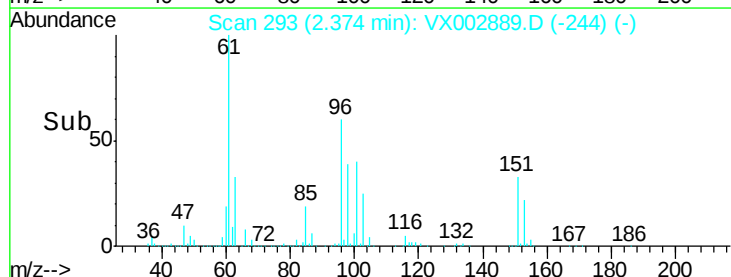
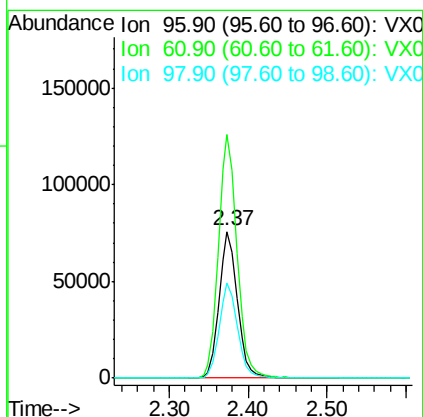
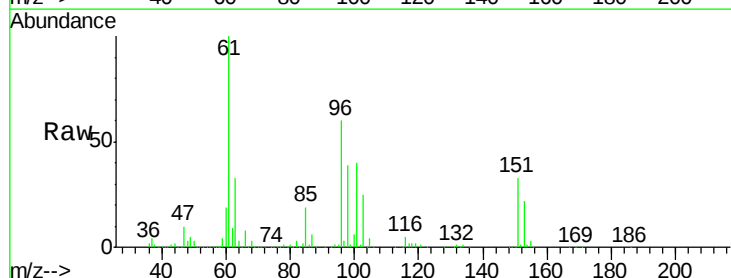
Instrument :
MSVOA_X
ClientSampled :

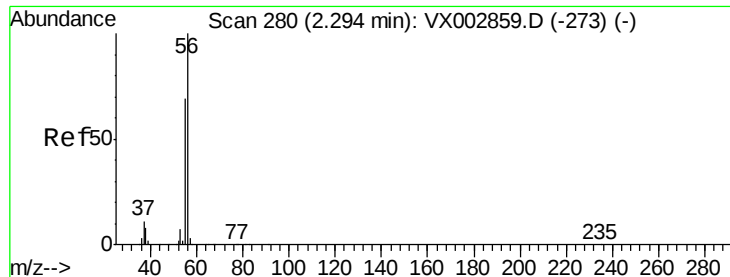
Tot Ion: 59 Resp: 181148
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.32 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 96 Resp: 123002
Ion Ratio Lower Upper
96 100
61 165.8 137.9 206.9
98 65.0 51.6 77.4





#13

Acrolein

Concen: 206.57 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

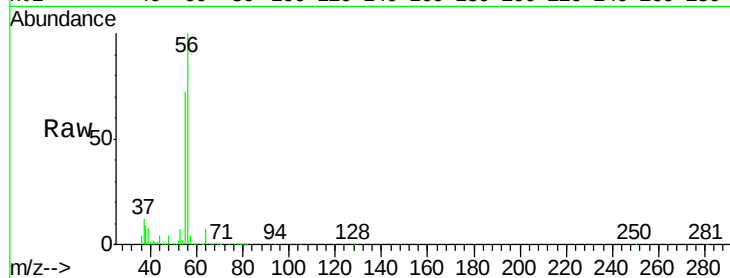
ClientSampleId :

Tot Ion: 56 Resp: 82812

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4

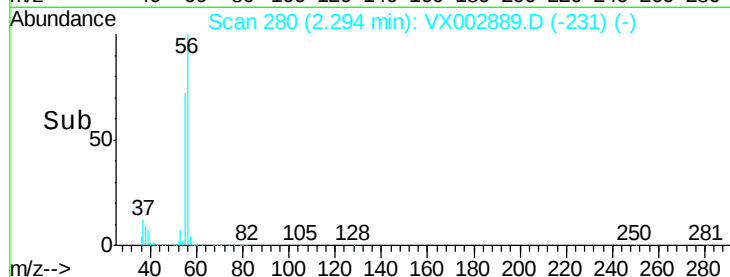


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

Time-->



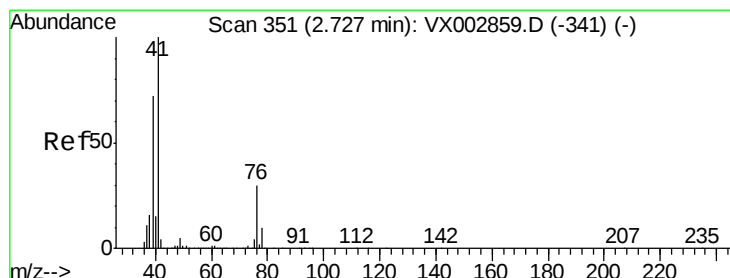
Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

Time-->



#14

Allyl chloride

Concen: 47.35 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

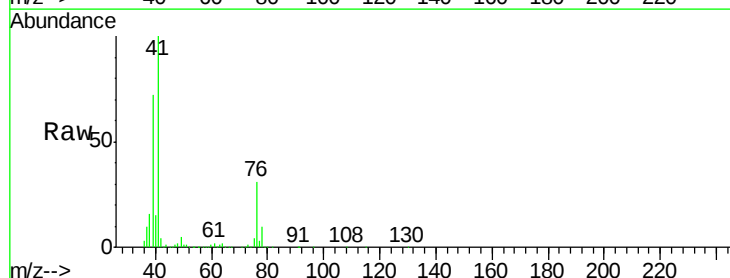
Tgt Ion: 41 Resp: 242628

Ion Ratio Lower Upper

41 100

39 68.6 56.8 85.2

76 29.8 23.8 35.8



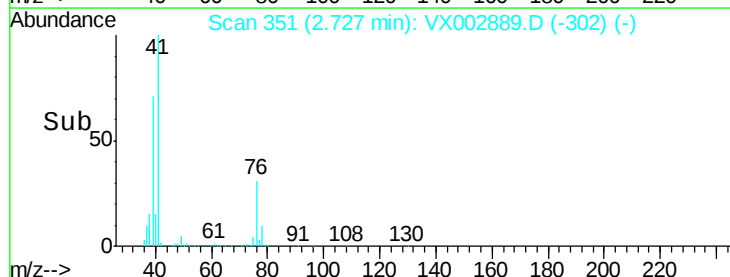
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

Time-->



Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

Time-->



#15

Acrylonitrile

Concen: 248.20 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampled :

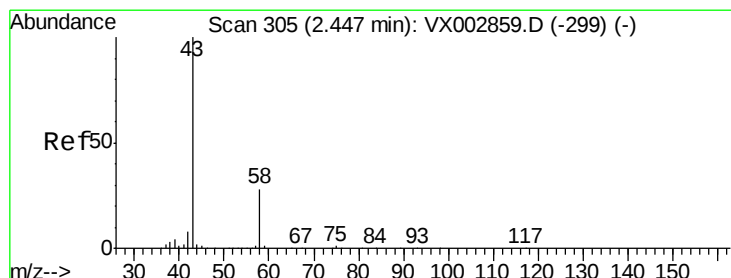
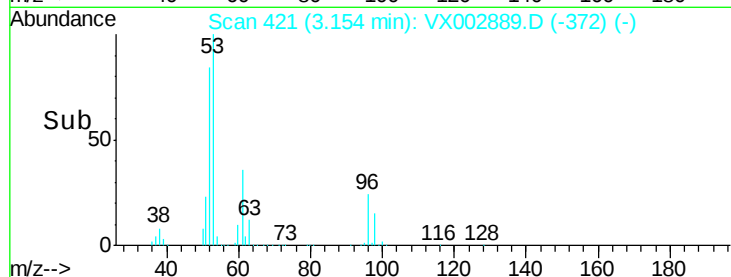
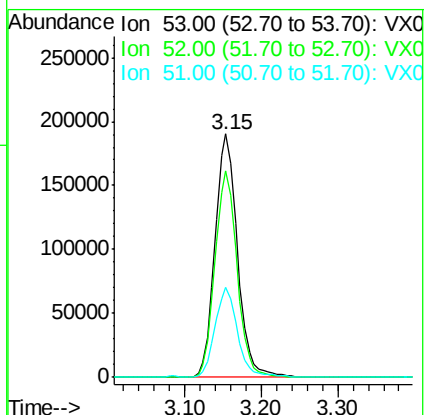
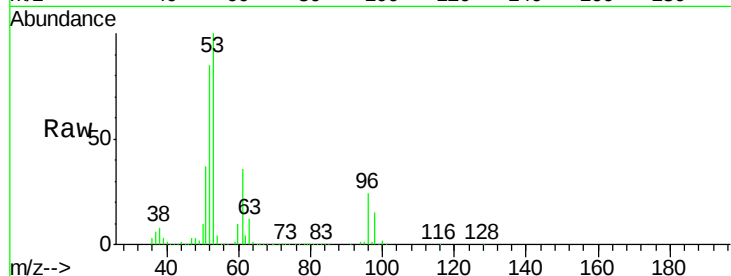
Tot Ion: 53 Resp: 384758

Ion Ratio Lower Upper

53 100

52 84.2 66.7 100.1

51 37.1 29.9 44.9



#16

Acetone

Concen: 238.82 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX002889.D

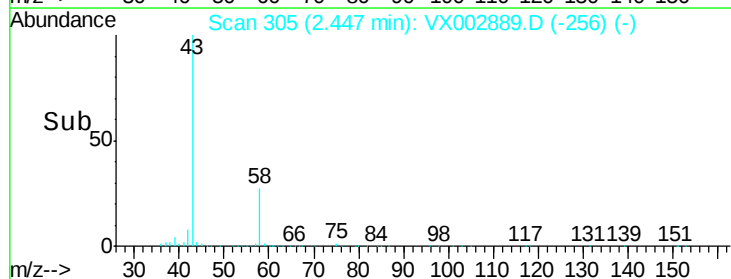
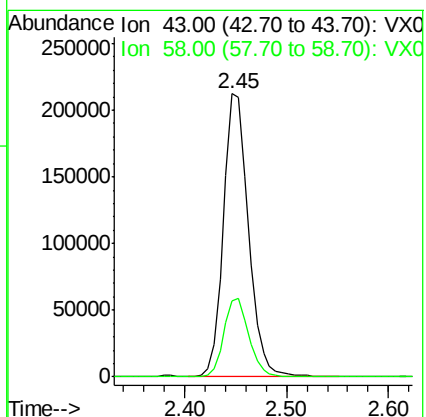
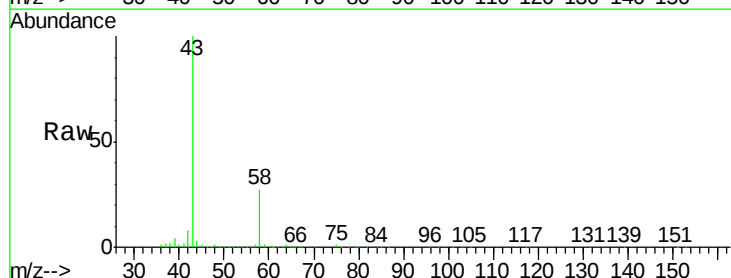
Acq: 26 Jun 2018 04:45

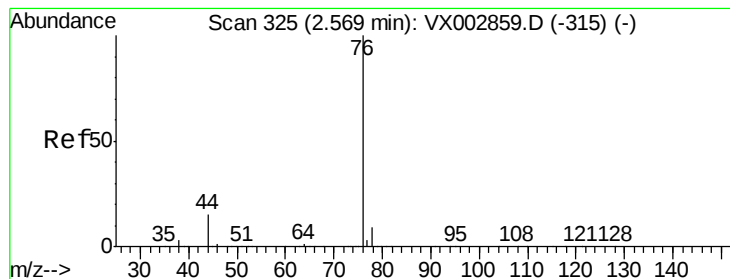
Tgt Ion: 43 Resp: 360318

Ion Ratio Lower Upper

43 100

58 26.9 22.1 33.1





#17

Carbon Disulfide

Concen: 49.93 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

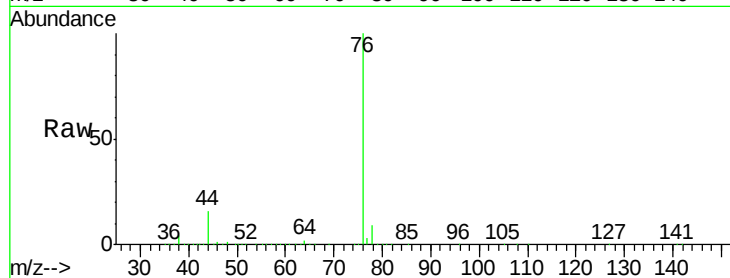
ClientSampled :

Tot Ion: 76 Resp: 345785

Ion Ratio Lower Upper

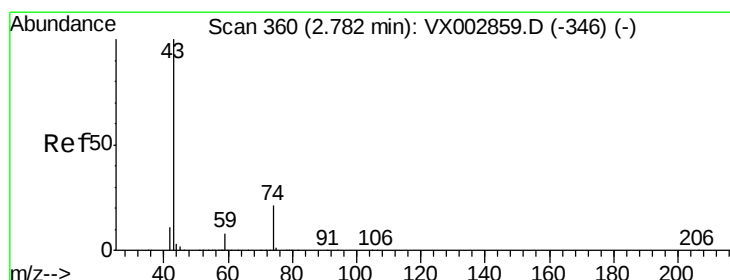
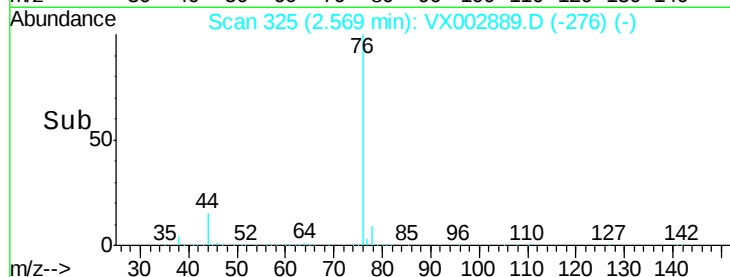
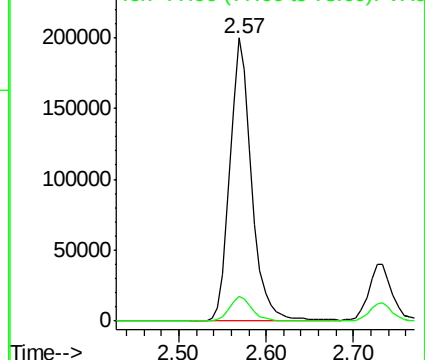
76 100

78 8.9 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: 53.50 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002889.D

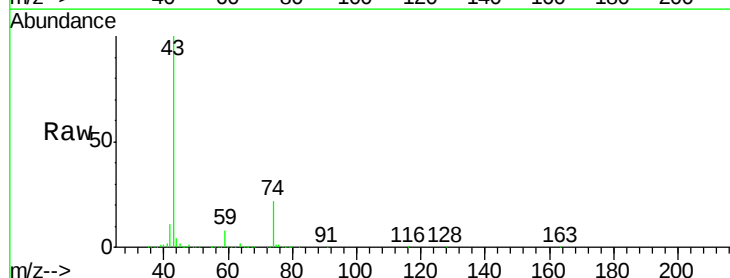
Acq: 26 Jun 2018 04:45

Tgt Ion: 43 Resp: 225681

Ion Ratio Lower Upper

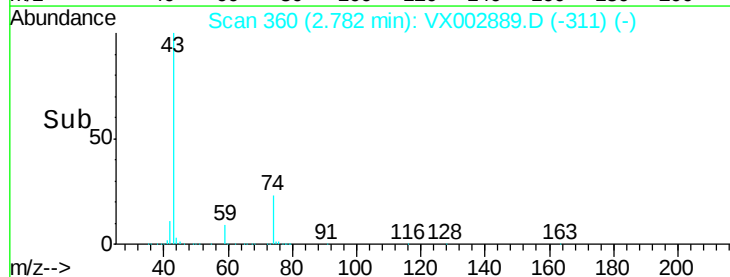
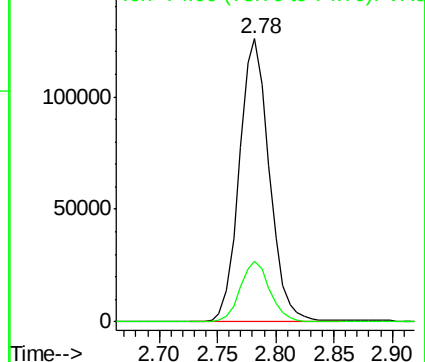
43 100

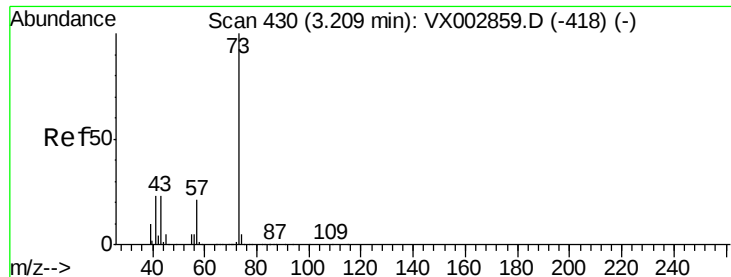
74 21.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

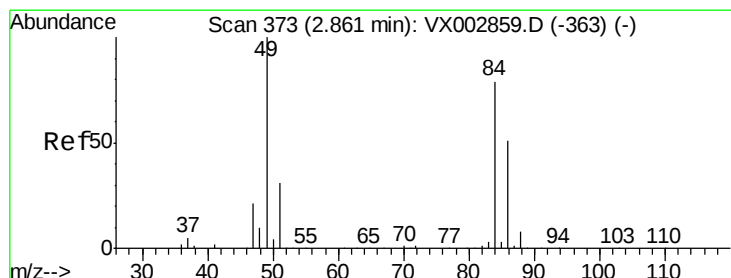
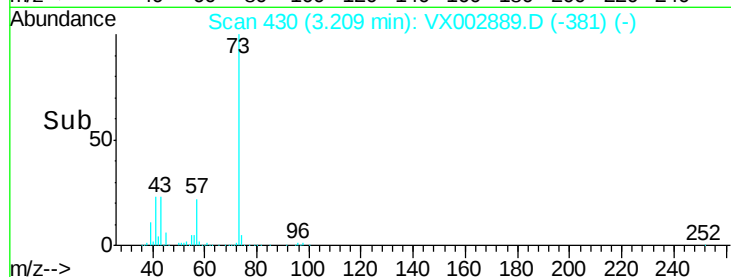
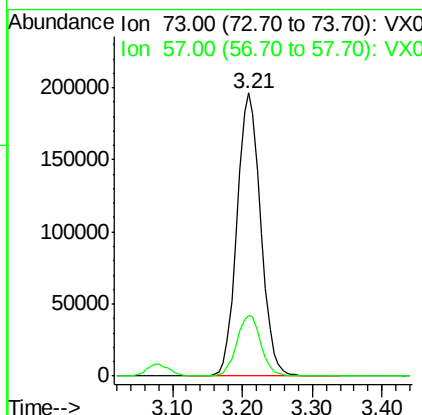
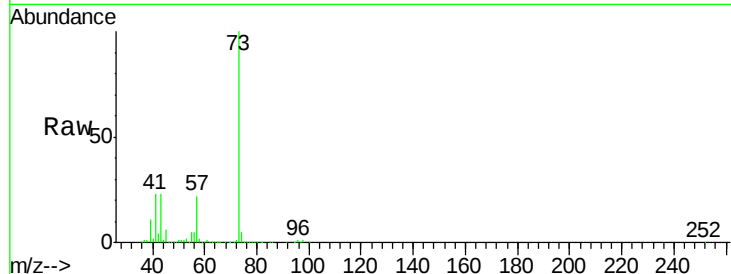




#19
Methvl tert-butvl Ether
Concen: 49.27 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

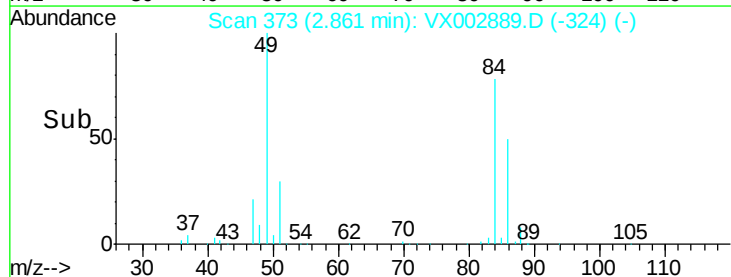
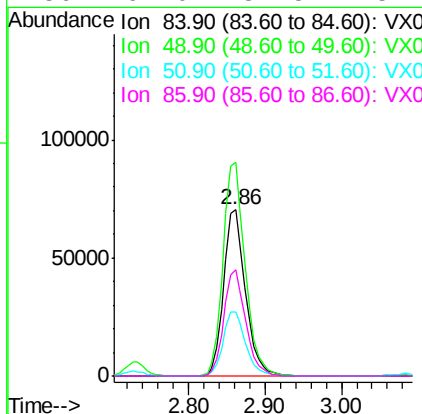
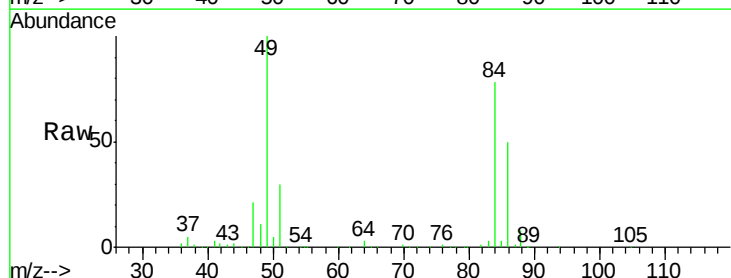
Instrument :
MSVOA_X
ClientSampleId :

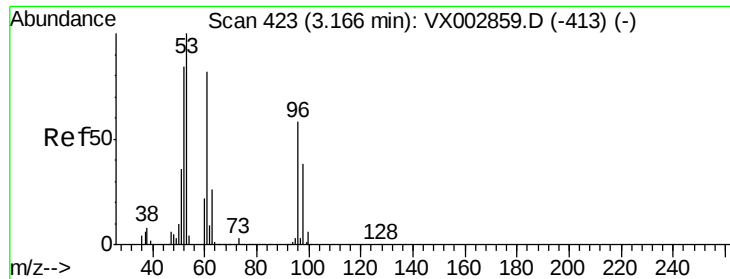
Tot Ion: 73 Resp: 460403
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 47.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 84 Resp: 138747
Ion Ratio Lower Upper
84 100
49 128.5 107.8 161.6
51 38.3 32.8 49.2
86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.57 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :

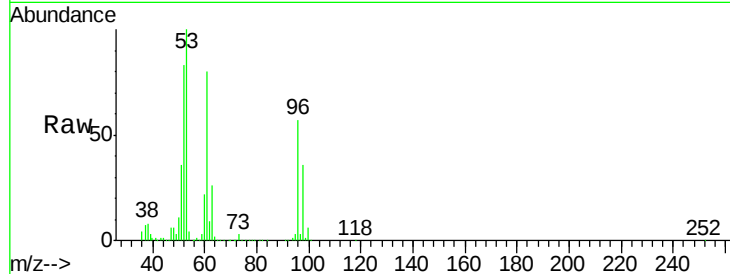
Tot Ion: 96 Resp: 131867

Ion Ratio Lower Upper

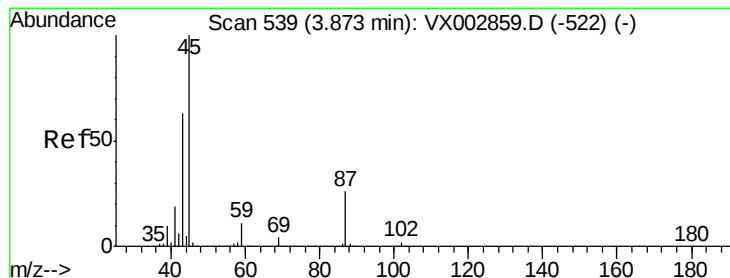
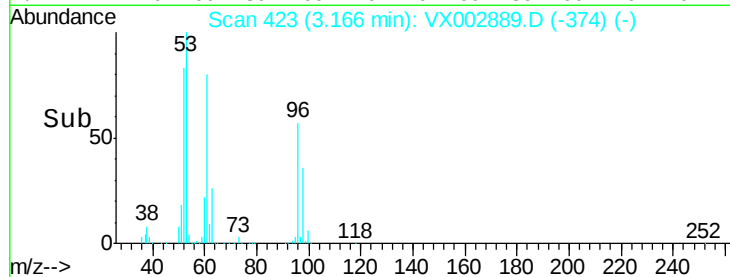
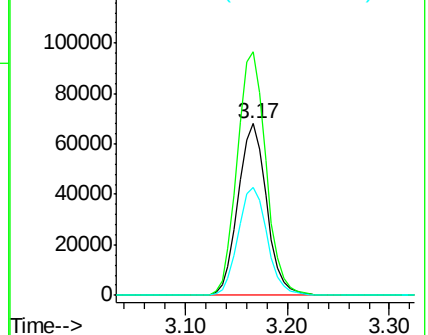
96 100

61 141.6 117.0 175.4

98 63.0 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: 50.01 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion: 45 Resp: 489887

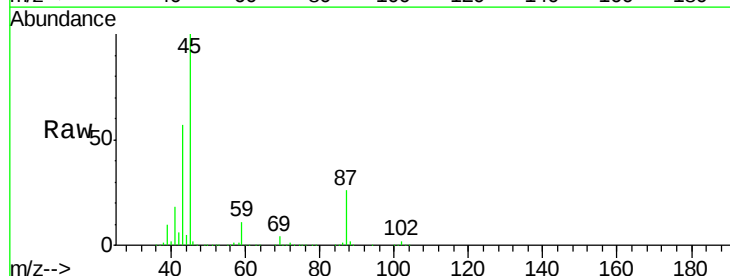
Ion Ratio Lower Upper

45 100

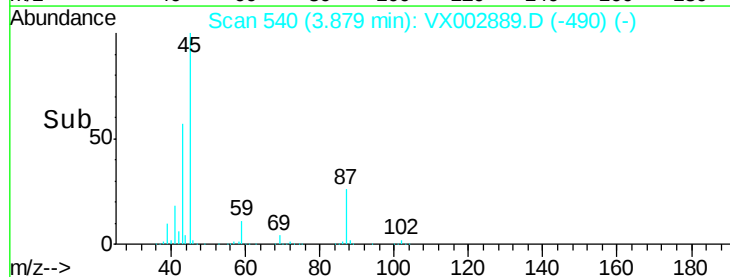
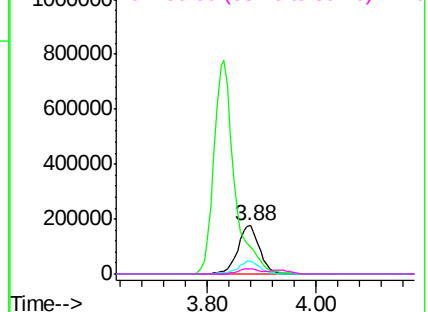
43 56.5 46.8 70.2

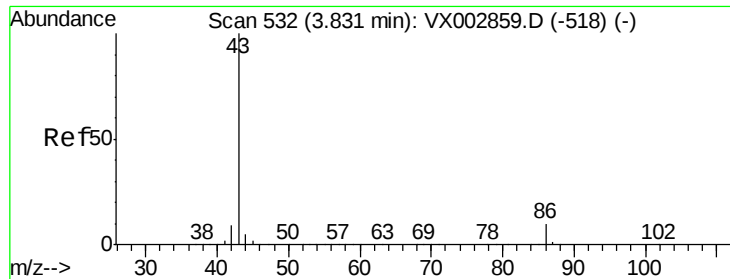
87 26.2 20.2 30.4

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

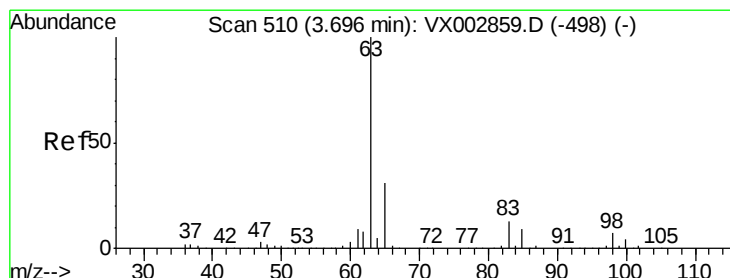
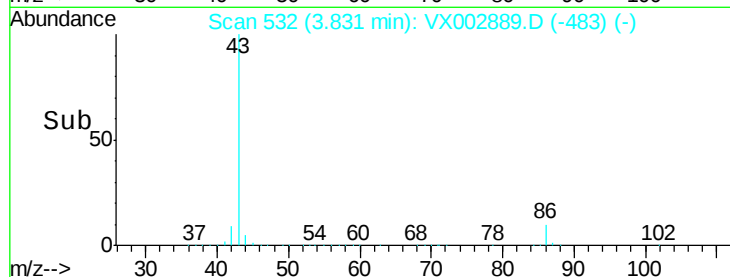
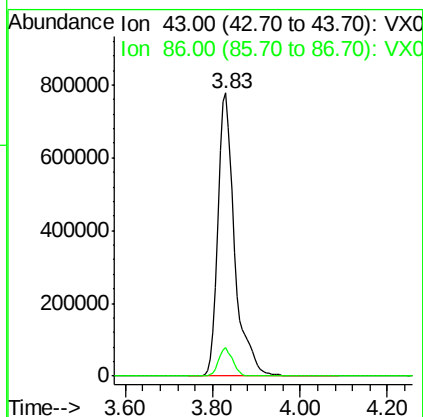
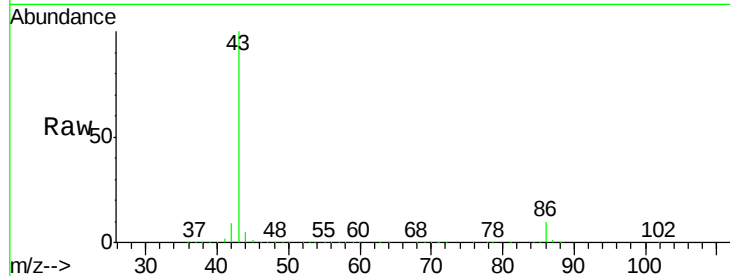




#23
 Vinyl Acetate
 Concen: 245.68 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

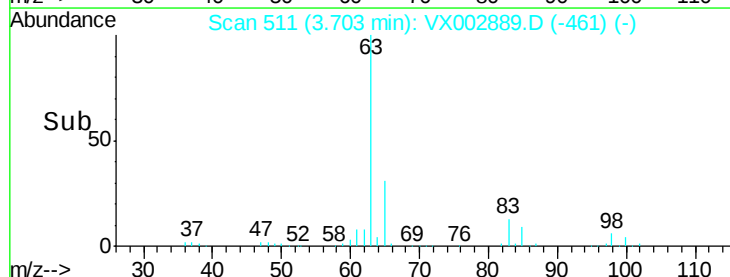
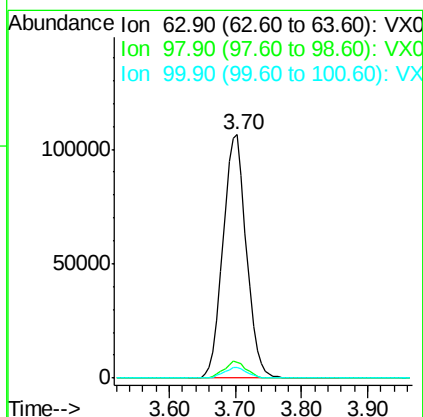
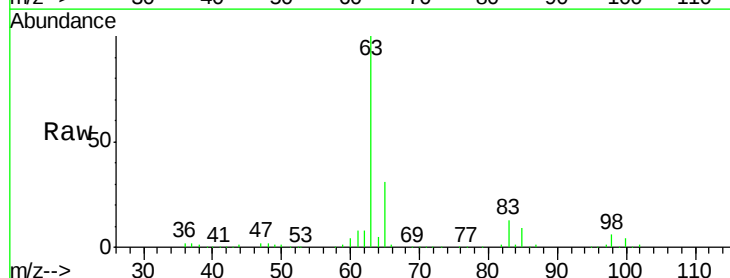
Instrument :
 MSVOA_X
 ClientSampleId :

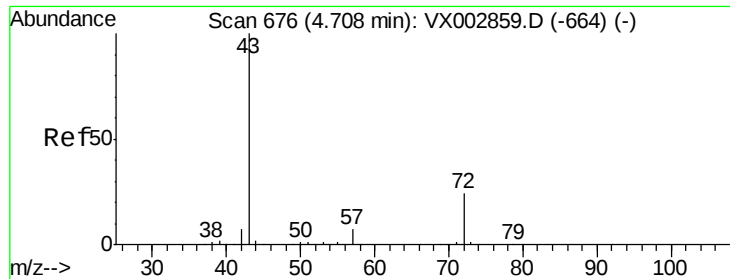
Tot Ion: 43 Resp: 2037676
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 48.87 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Tgt Ion: 63 Resp: 260148
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 250.08 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

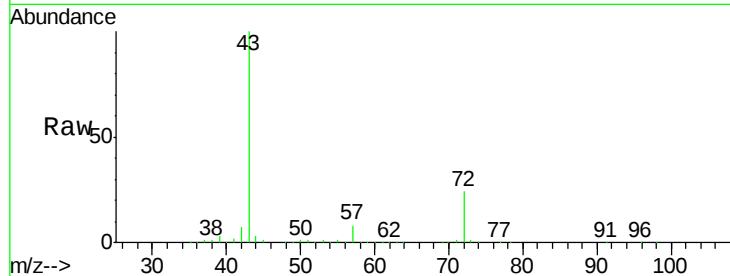
ClientSampleId :

Tot Ion: 43 Resp: 559966

Ion Ratio Lower Upper

43 100

72 23.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

200000

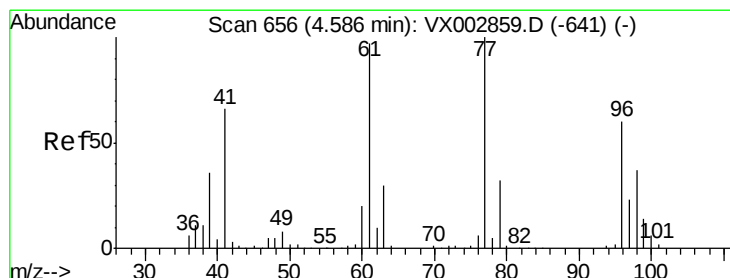
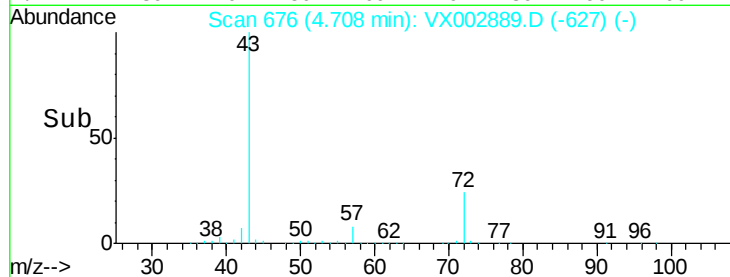
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 35.12 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002889.D

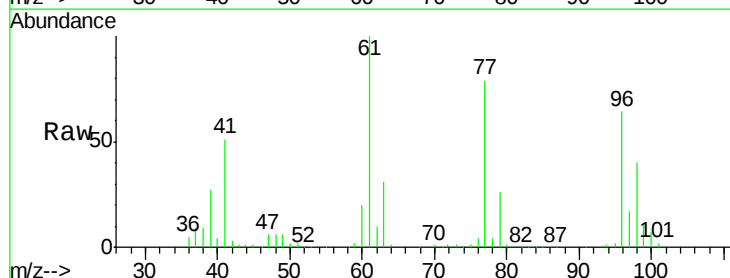
Acq: 26 Jun 2018 04:45

Tgt Ion: 77 Resp: 152044

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

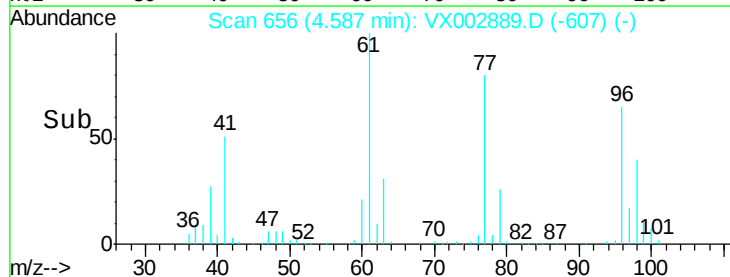
30000

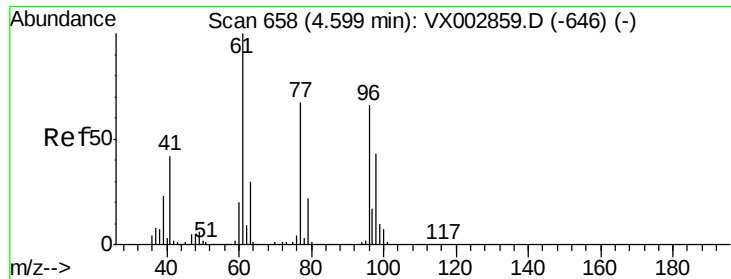
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.98 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampled :

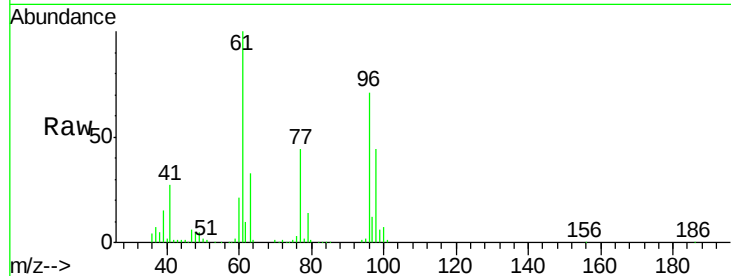
Tot Ion: 96 Resp: 152312

Ion Ratio Lower Upper

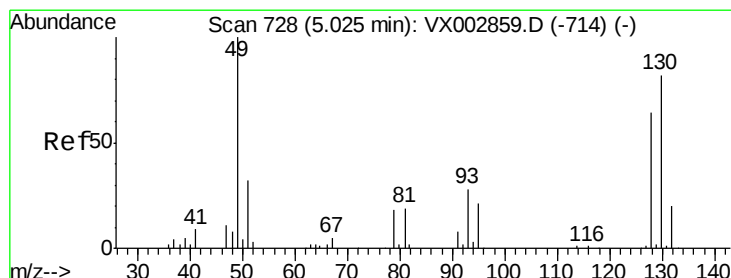
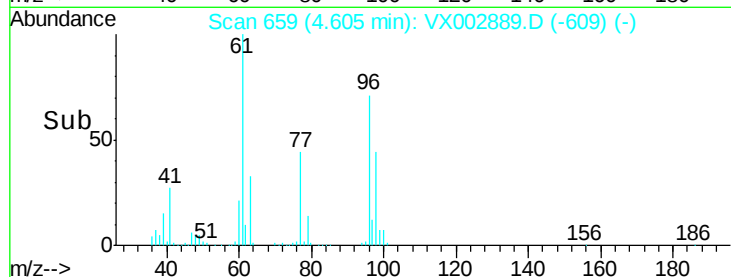
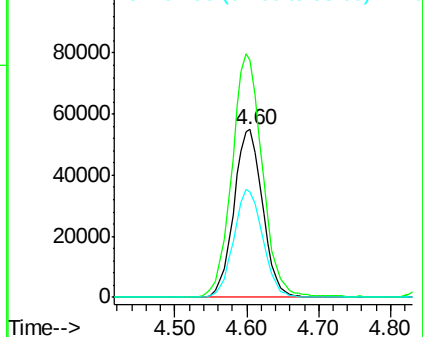
96 100

61 154.1 0.0 330.2

98 65.1 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: 51.84 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

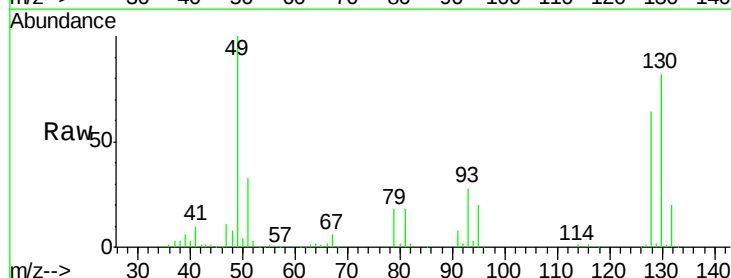
Tgt Ion: 49 Resp: 132094

Ion Ratio Lower Upper

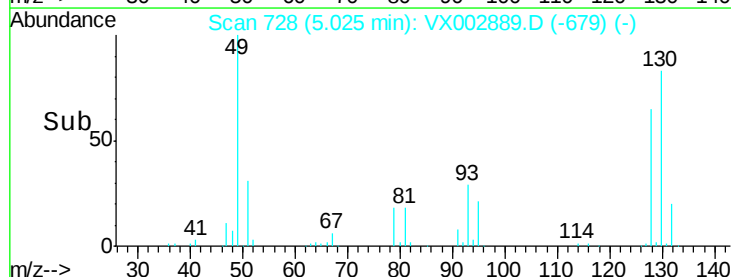
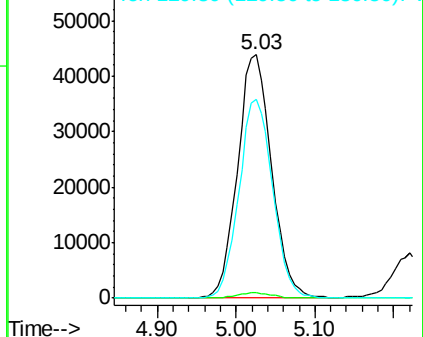
49 100

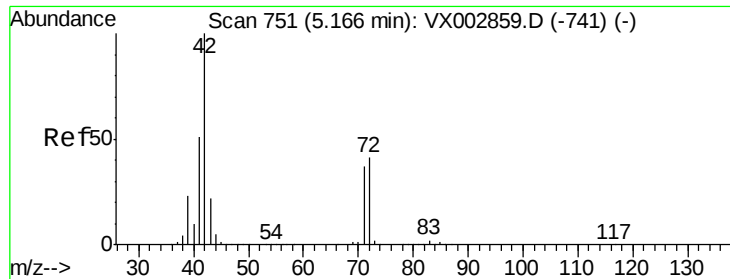
129 2.3 0.0 4.2

130 80.7 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: 249.54 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampled :

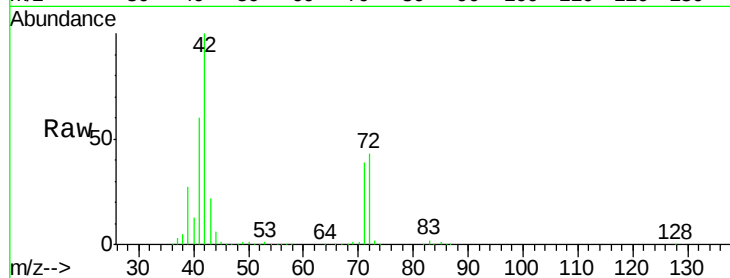
Tot Ion: 42 Resp: 358314

Ion Ratio Lower Upper

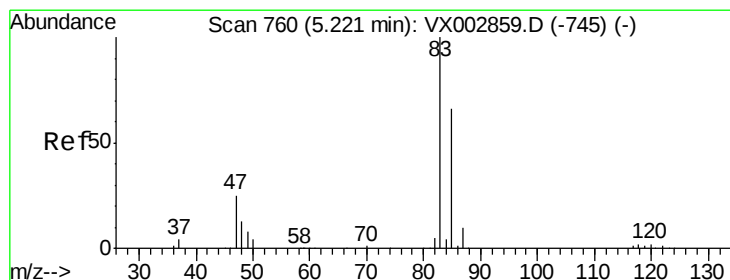
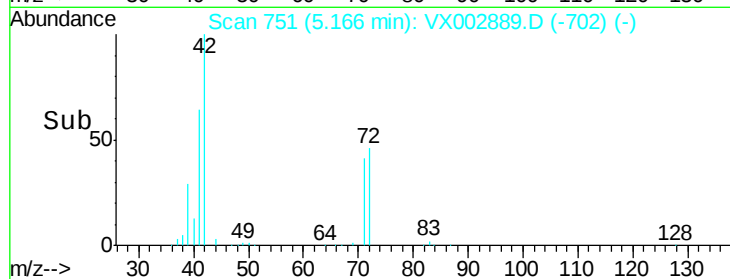
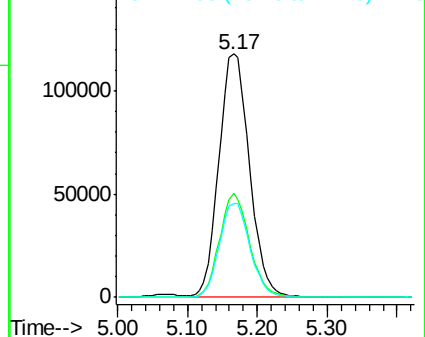
42 100

72 42.0 32.0 48.0

71 39.0 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.11 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002889.D

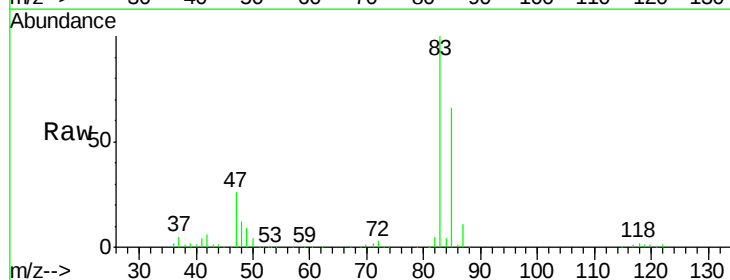
Acq: 26 Jun 2018 04:45

Tgt Ion: 83 Resp: 273793

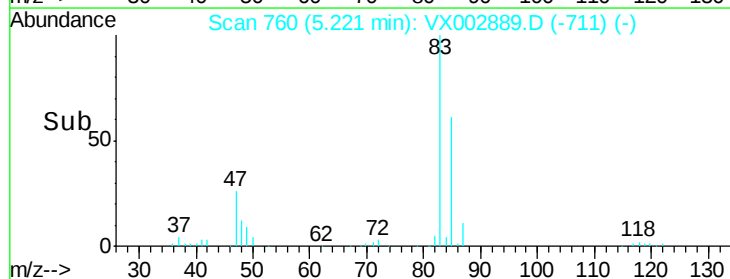
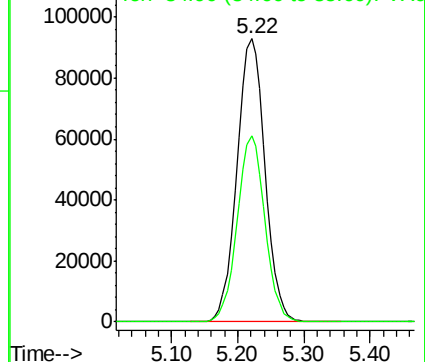
Ion Ratio Lower Upper

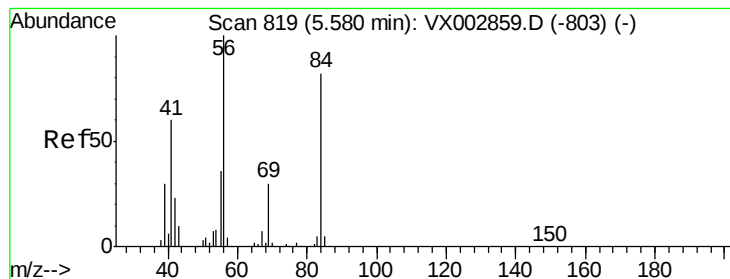
83 100

85 65.6 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.06 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

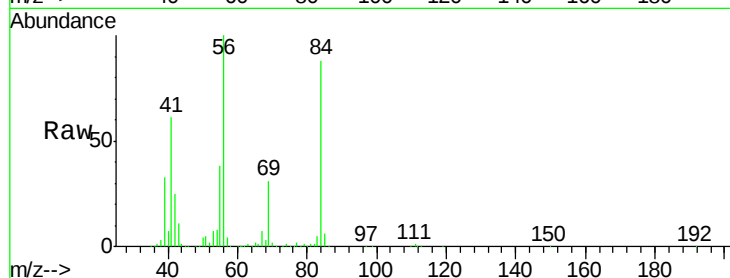
Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 219599

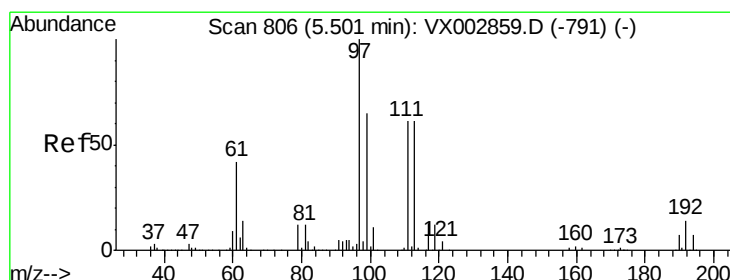
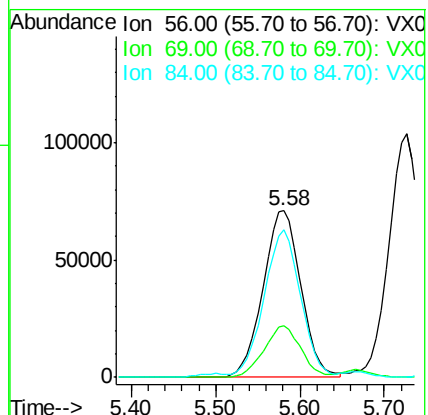
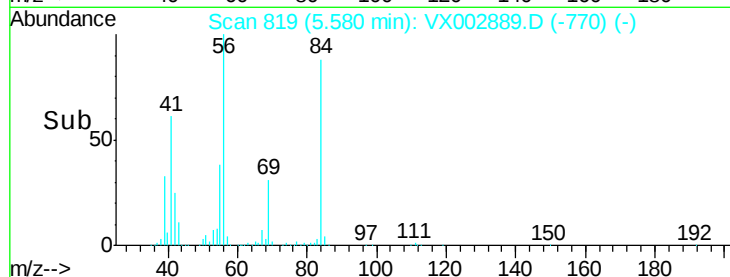
Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.7	35.5
84	87.5	64.1	96.1



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: 50.59 ug/l

RT: 5.50 min Scan# 806

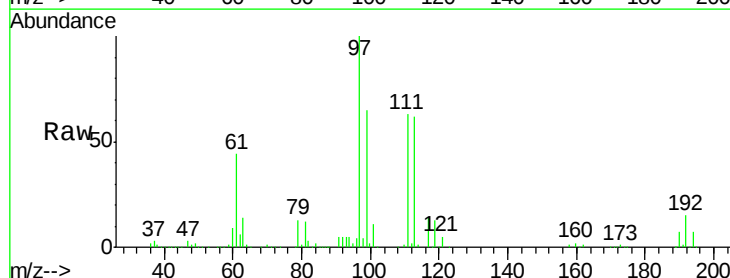
Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion: 97 Resp: 243204

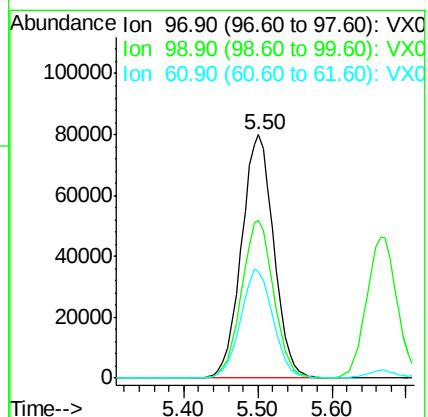
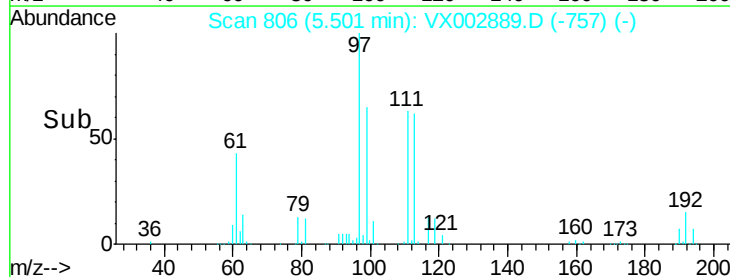
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	44.9	36.4	54.6



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: 51.02 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

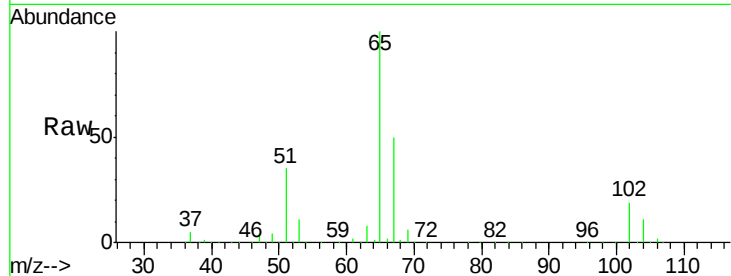
ClientSampleId :

Tot Ion: 65 Resp: 185889

Ion Ratio Lower Upper

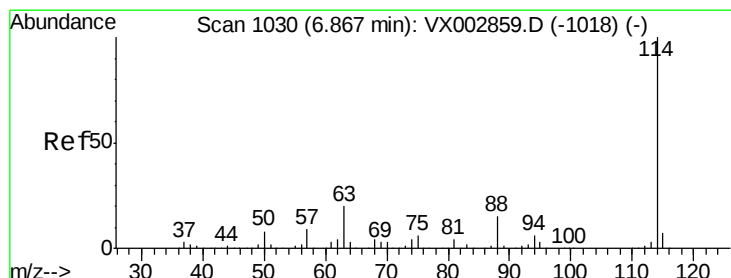
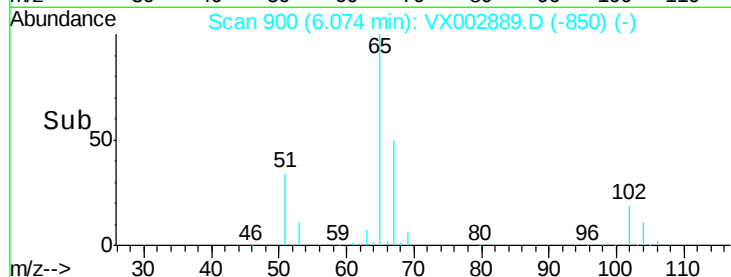
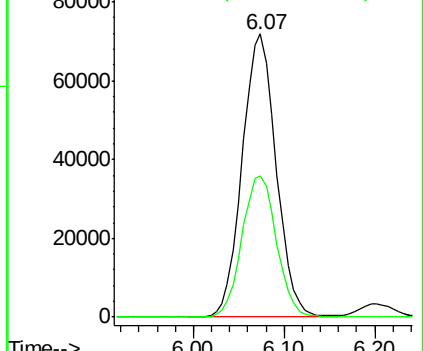
65 100

67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

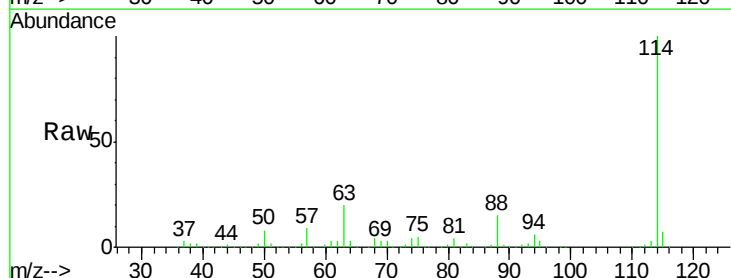
Tgt Ion: 114 Resp: 372040

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

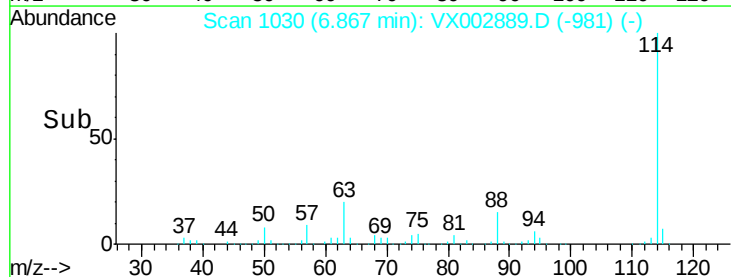
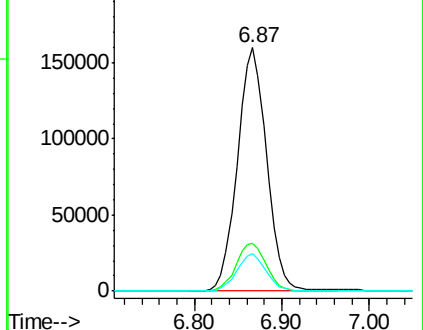
88 15.4 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

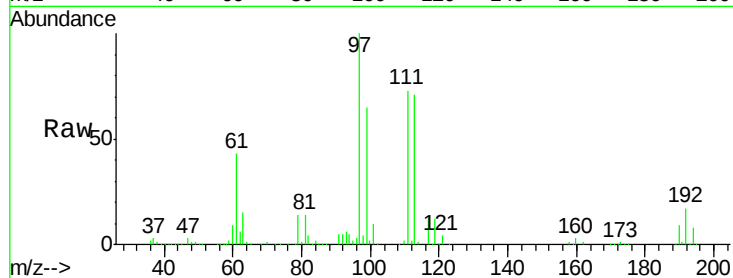




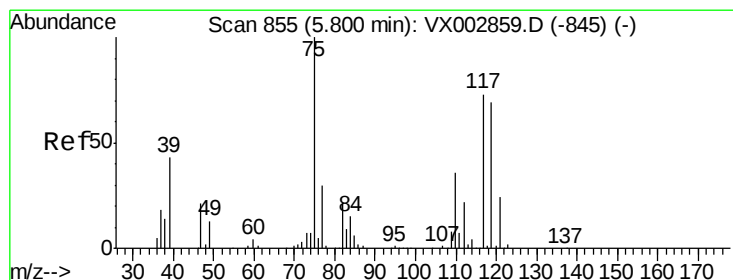
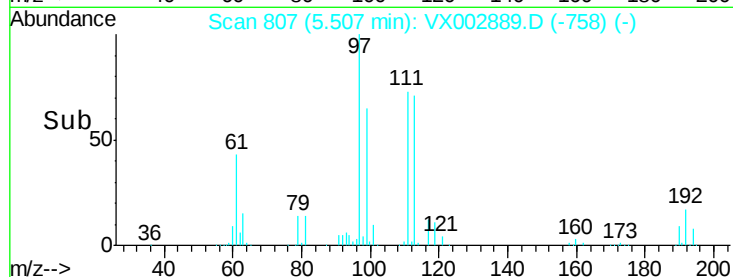
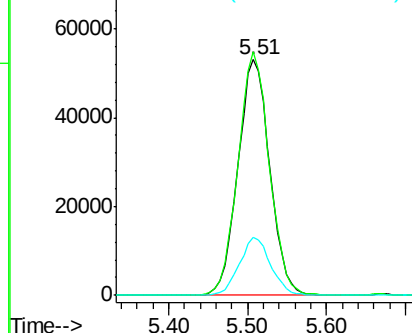
#35
Dibromofluoromethane
Concen: 50.58 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 149034
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 24.1 19.1 28.7

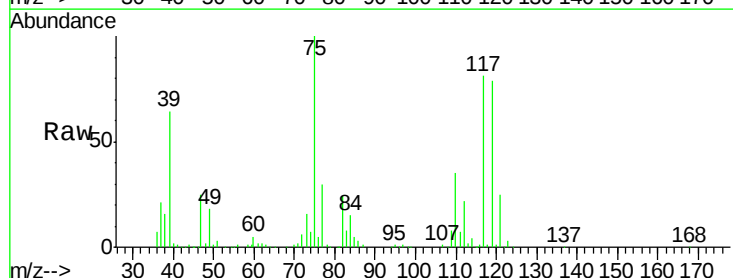


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

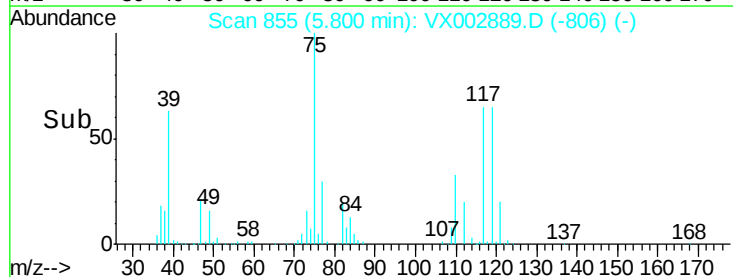
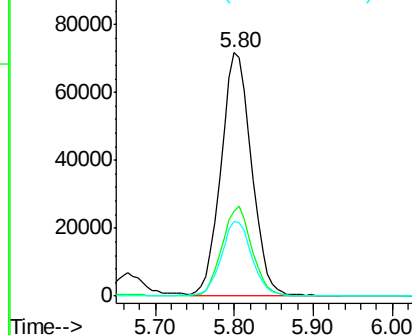


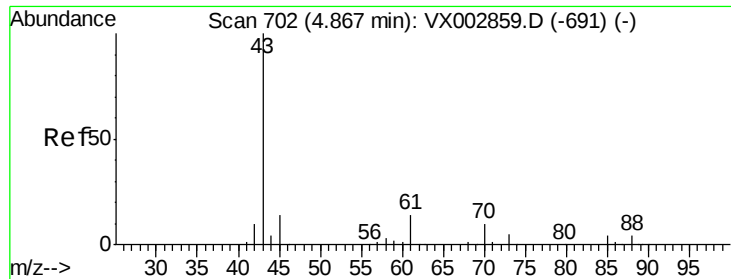
#36
1,1-Dichloropropene
Concen: 47.17 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 75 Resp: 192444
Ion Ratio Lower Upper
75 100
110 36.4 18.1 54.4
77 31.2 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

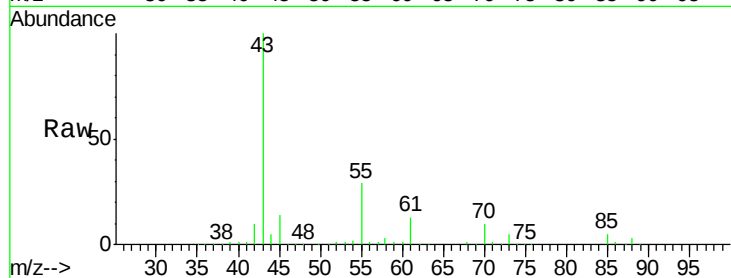




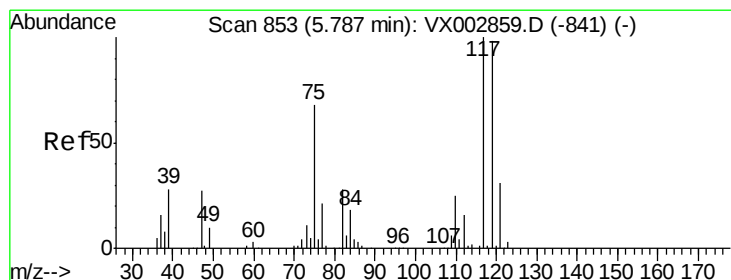
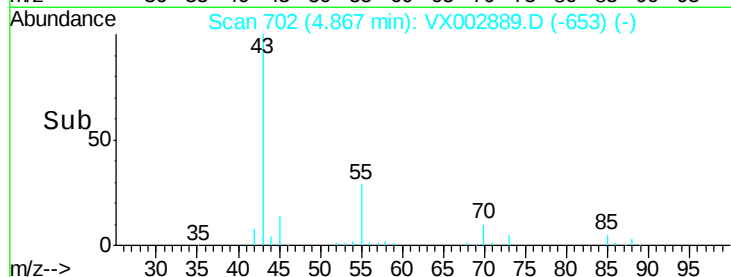
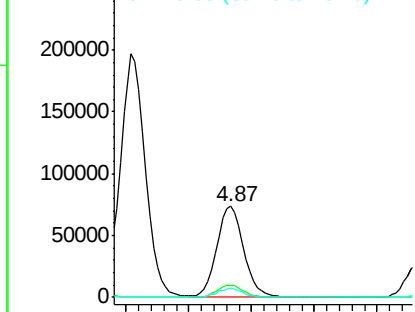
#37
Ethyl Acetate
Concen: 49.85 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 218984
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.7 7.6 11.4

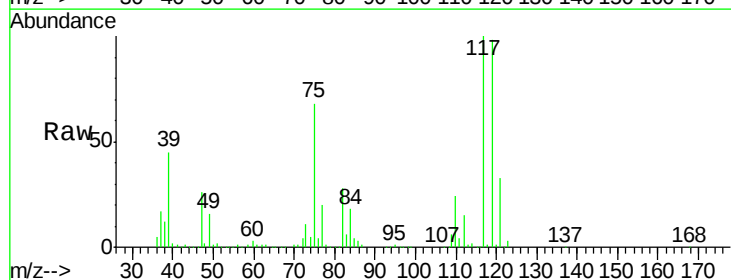


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

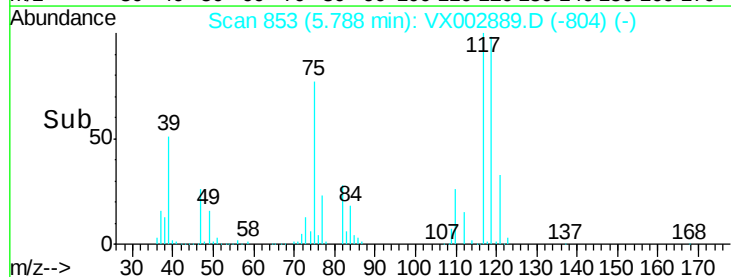
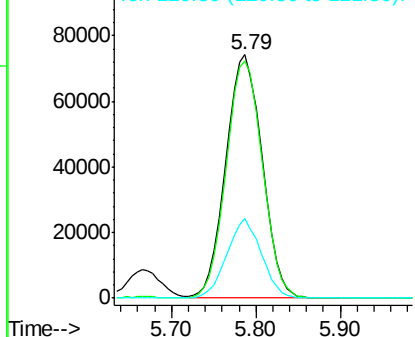


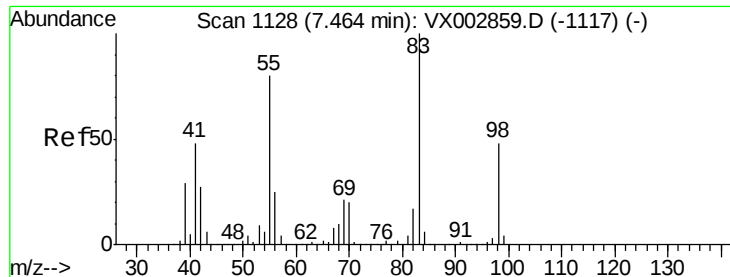
#38
Carbon Tetrachloride
Concen: 48.69 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 117 Resp: 218002
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.0
121 32.7 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

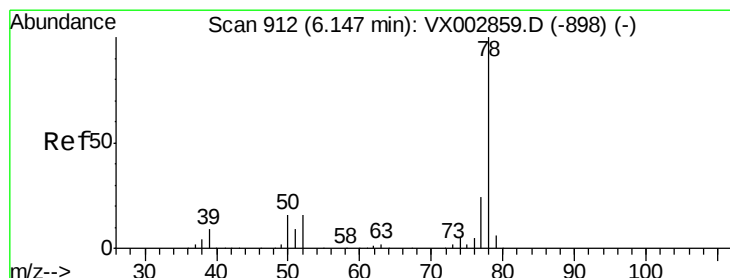
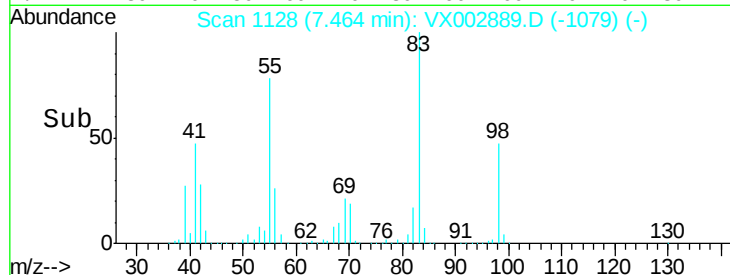
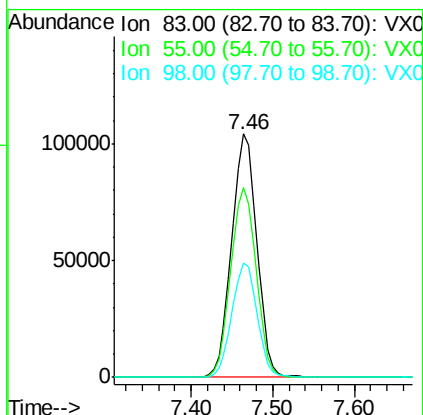
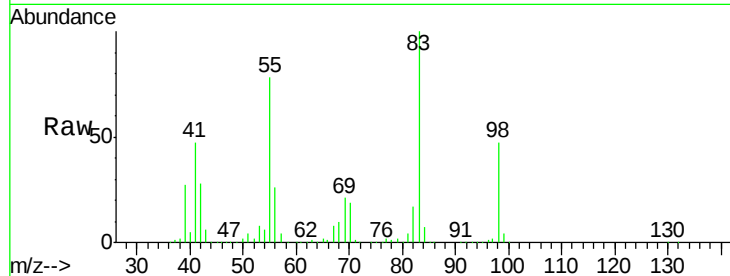




#39
Methvlcvclohexane
Concen: 46.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

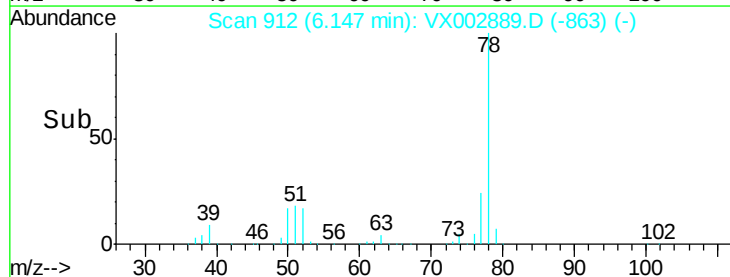
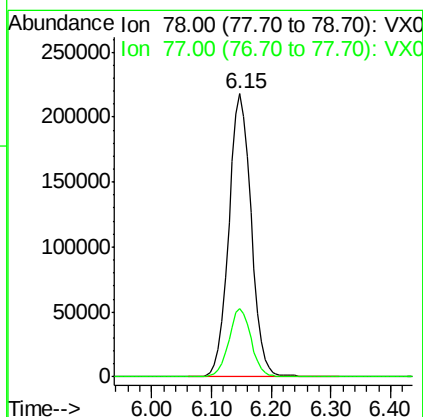
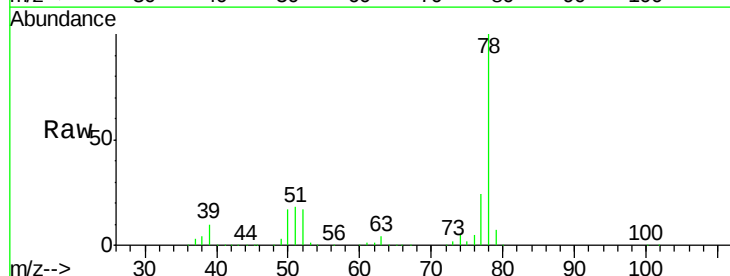
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 221879
Ion Ratio Lower Upper
83 100
55 77.8 65.4 98.0
98 46.8 37.4 56.0



#40
Benzene
Concen: 47.98 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 78 Resp: 568766
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

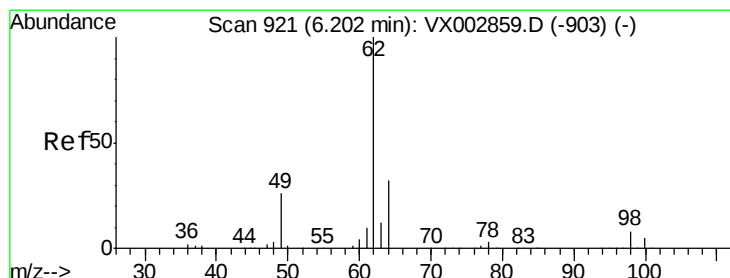
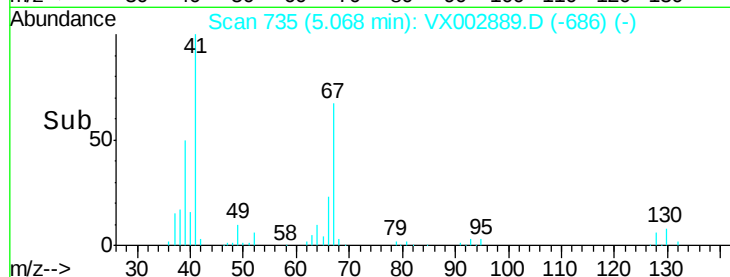
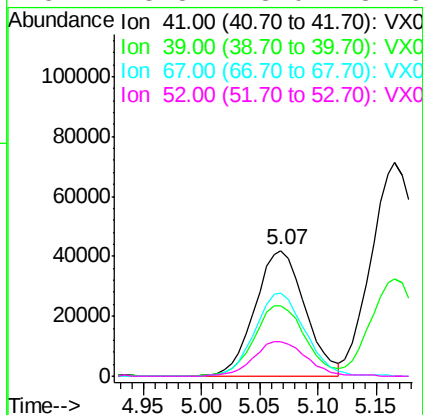
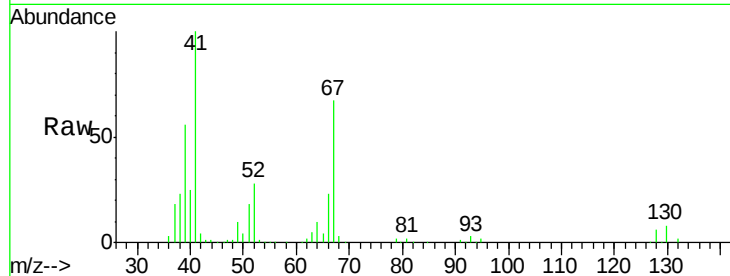




#41
Methacrylonitrile
Concen: 49.14 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

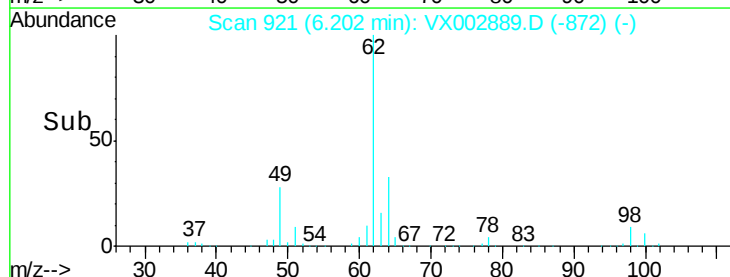
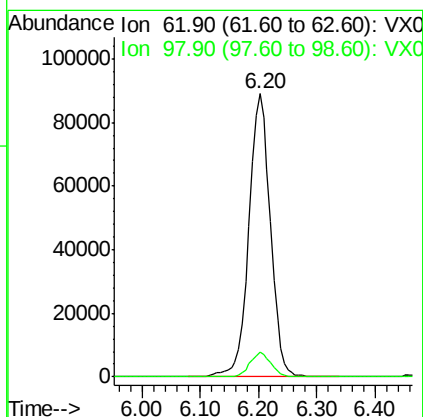
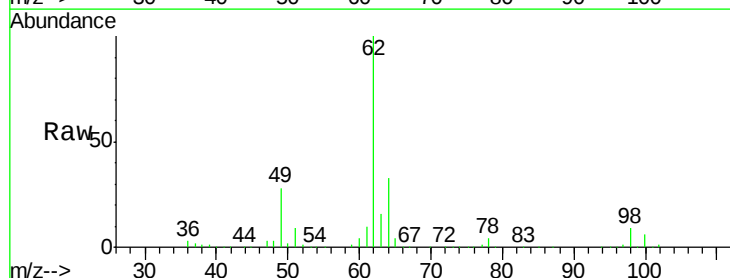
Instrument :
MSVOA_X
ClientSampleId :

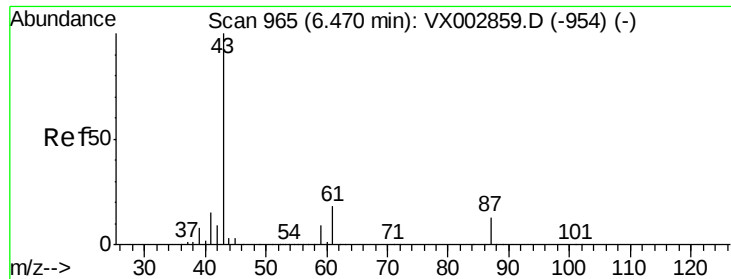
Tot Ion:	41	Resp:	124307
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.8	68.6
67	66.8	51.3	76.9
52	28.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 47.50 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion:	62	Resp:	227437
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



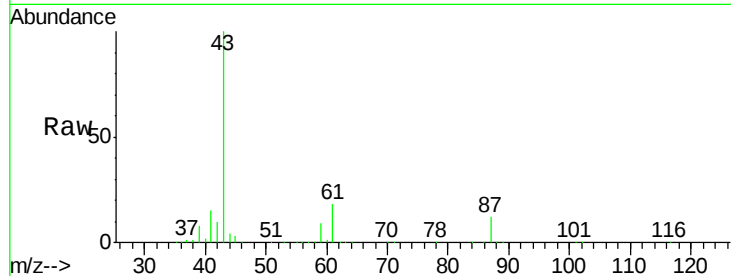


#43

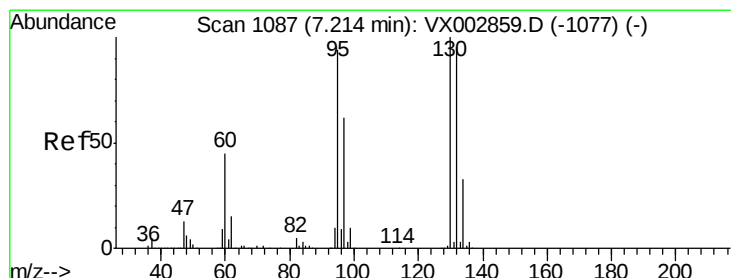
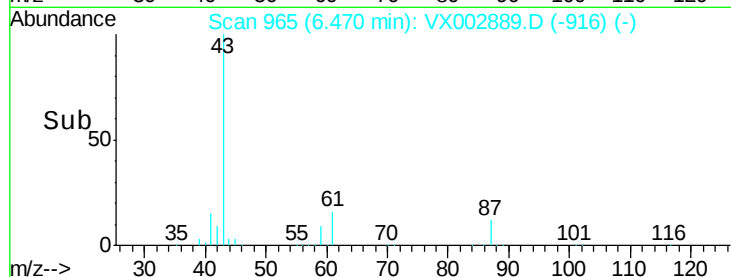
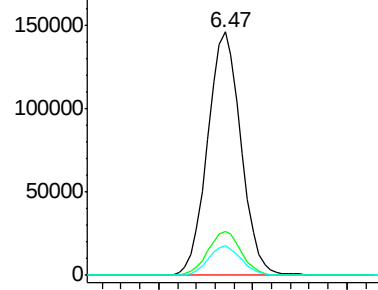
Isopropyl Acetate
 Concen: 48.93 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.2	9.5	14.3



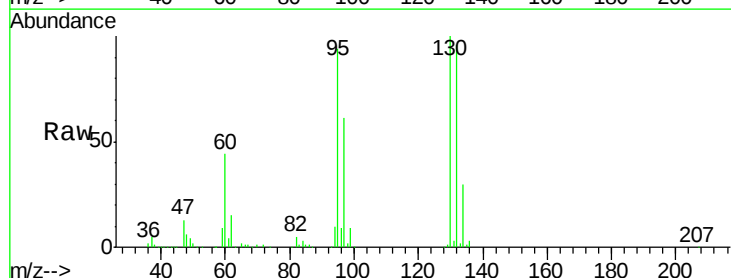
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



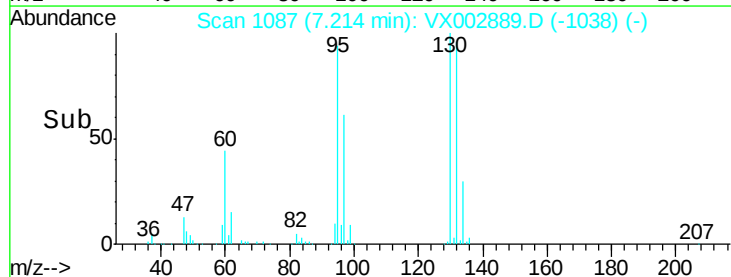
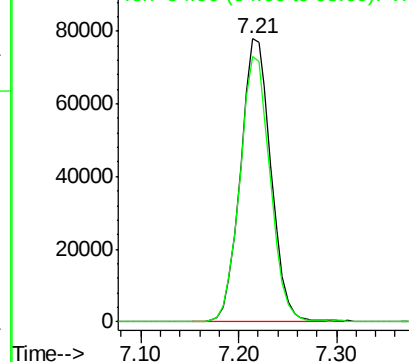
#44

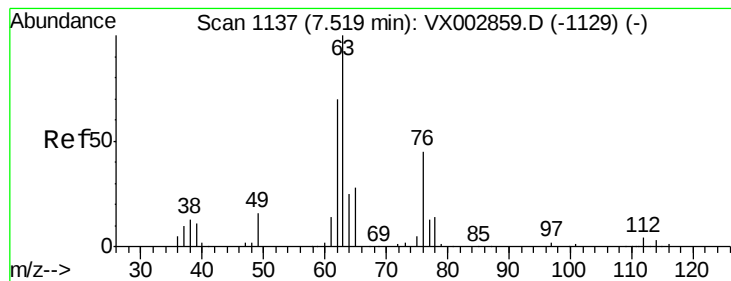
Trichloroethene
 Concen: 47.54 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.82 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

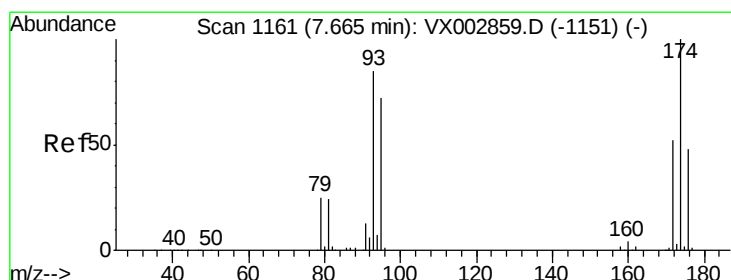
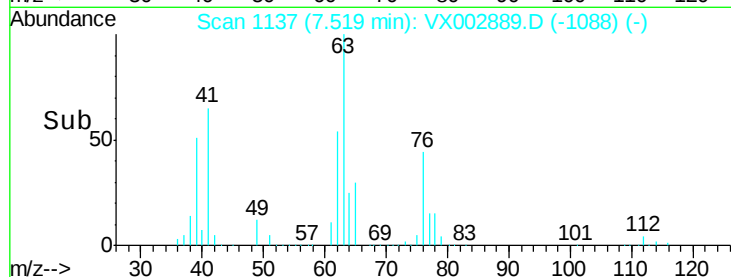
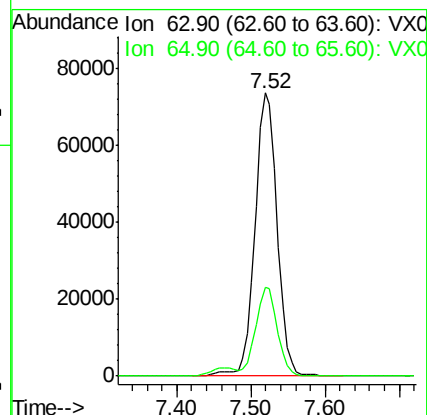
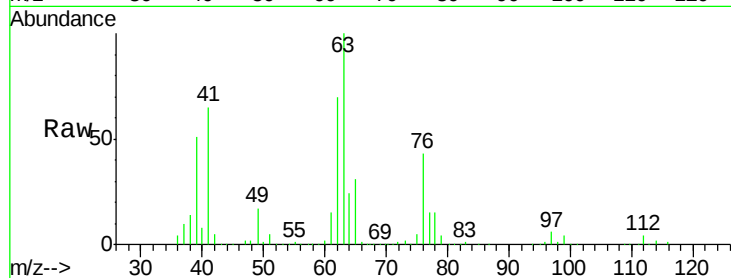
ClientSampleId :

Tot Ion: 63 Resp: 153526

Ion Ratio Lower Upper

63 100

65 31.2 24.7 37.1



#46

Dibromomethane

Concen: 48.48 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

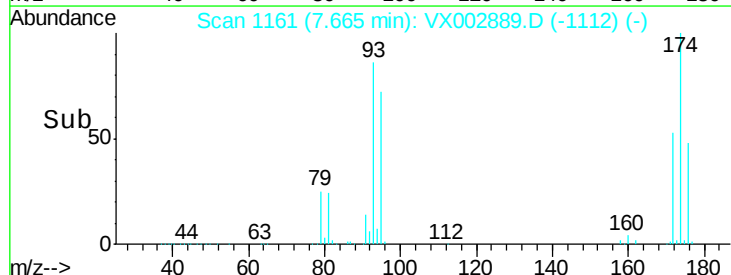
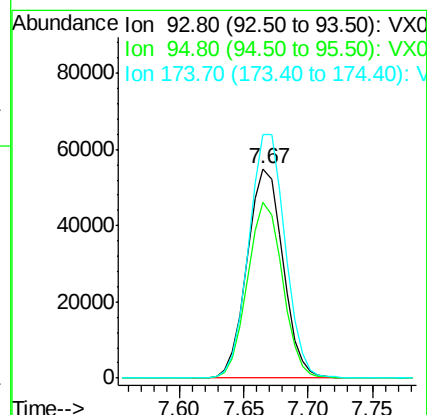
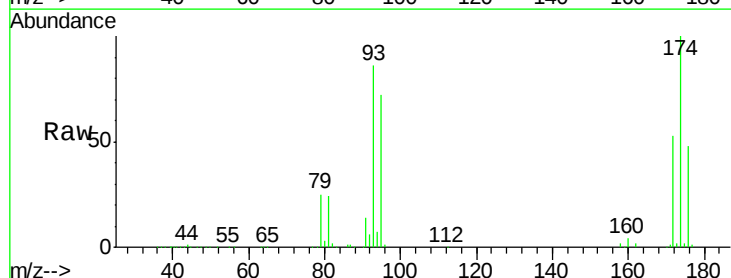
Tgt Ion: 93 Resp: 105801

Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

174 118.2 92.4 138.6





#47

Bromodichloromethane

Concen: 51.60 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

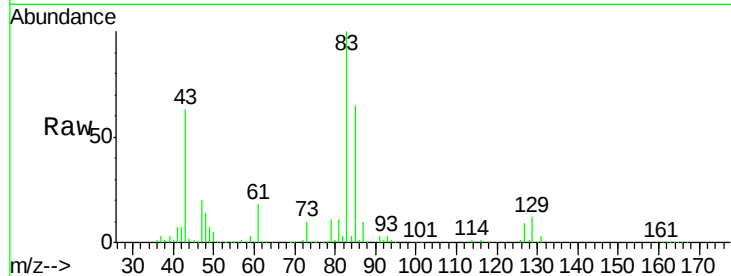
Tot Ion: 83 Resp: 208164

Ion Ratio Lower Upper

83 100

85 65.0 50.3 75.5

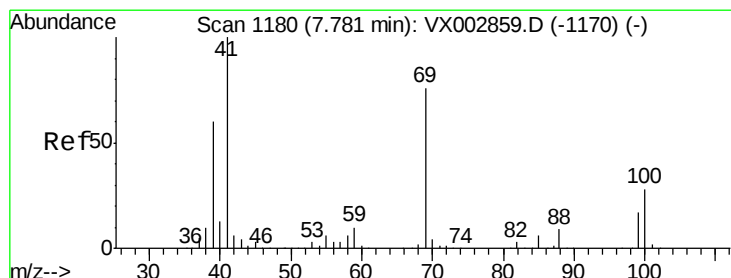
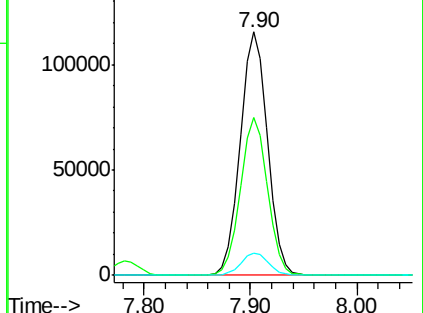
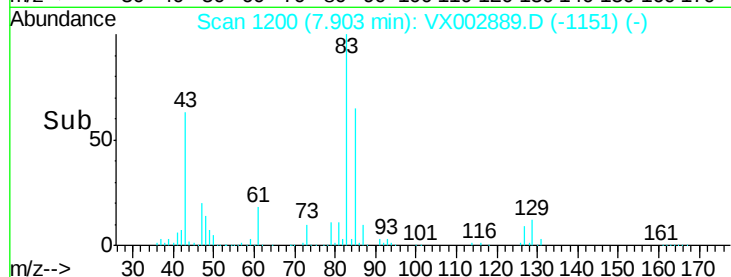
127 9.0 7.0 10.4



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: 50.32 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

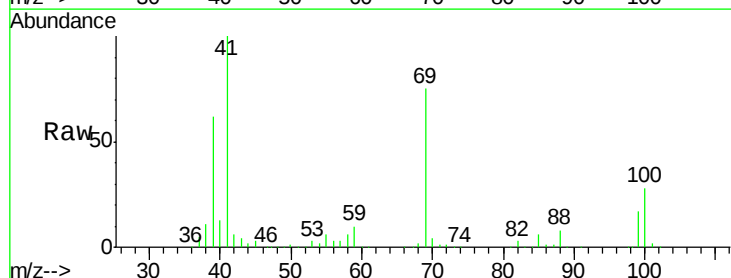
Tgt Ion: 41 Resp: 191026

Ion Ratio Lower Upper

41 100

69 76.4 59.1 88.7

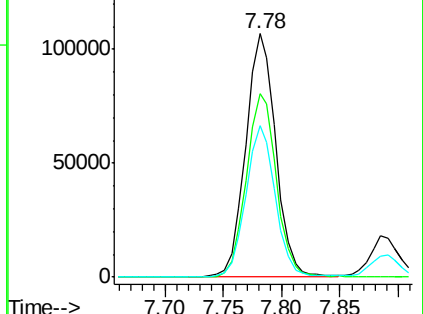
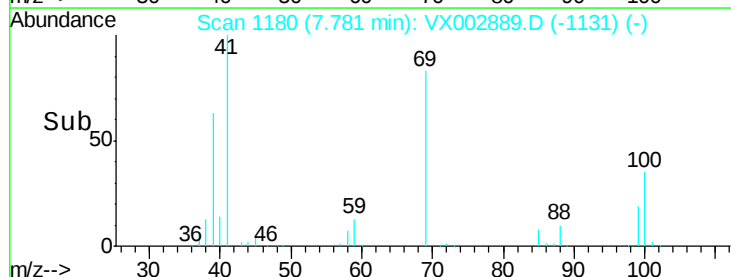
39 60.9 48.9 73.3

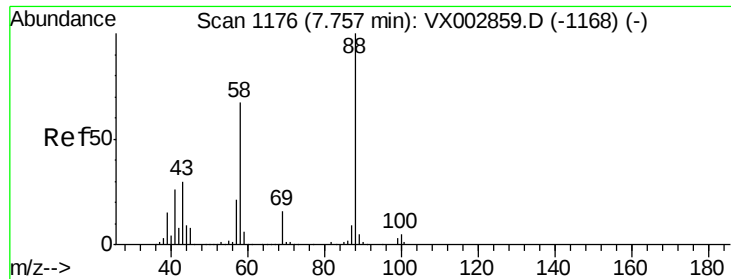


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

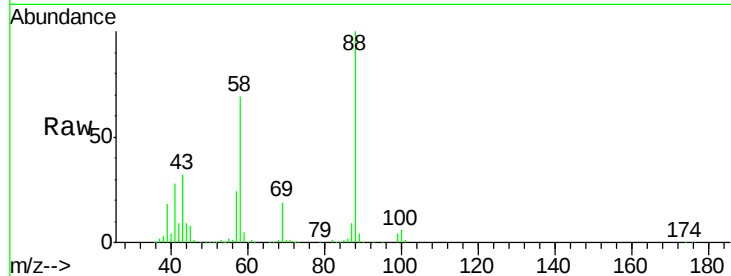




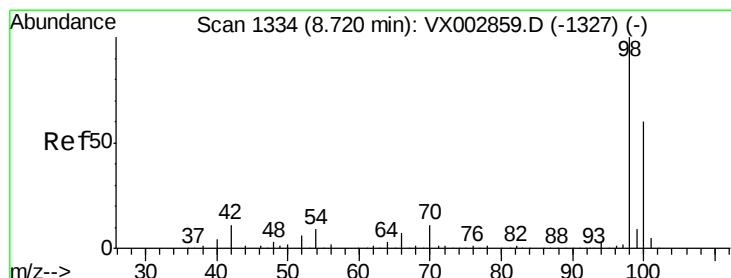
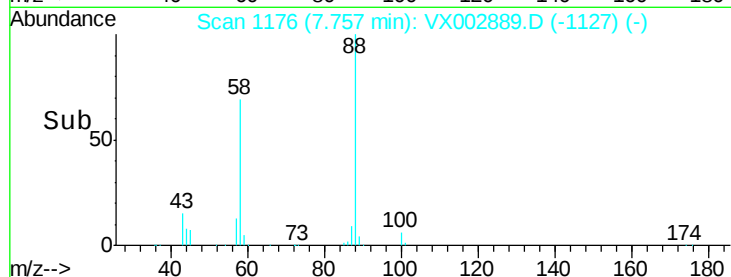
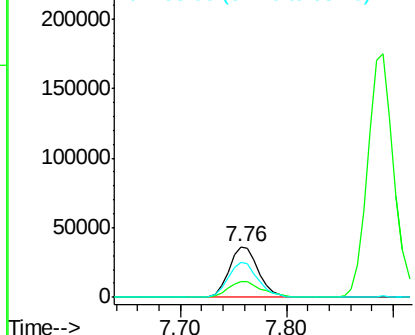
#49
1,4-Dioxane
Concen: 950.45 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 70196
Ion Ratio Lower Upper
88 100
43 36.0 29.8 44.6
58 70.5 57.1 85.7

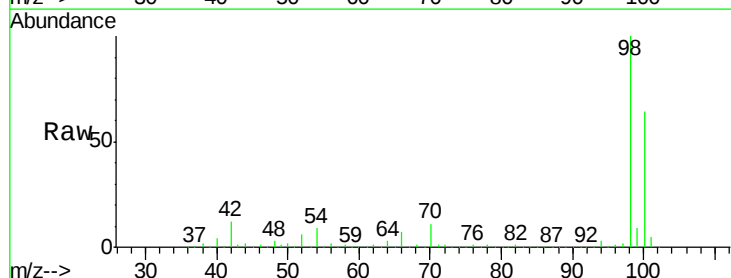


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

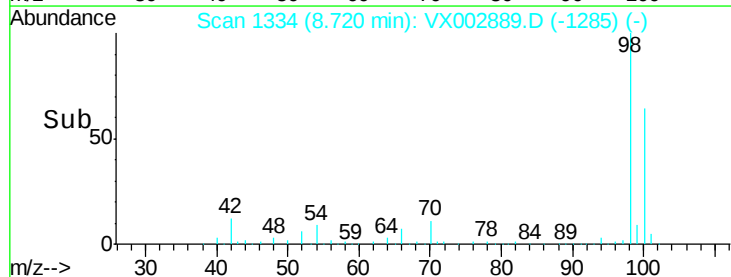
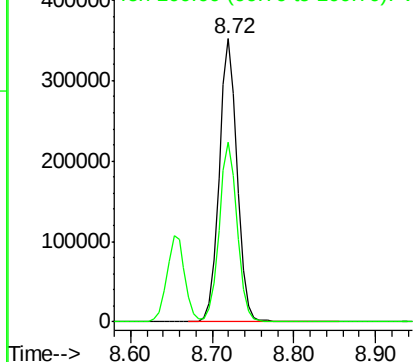


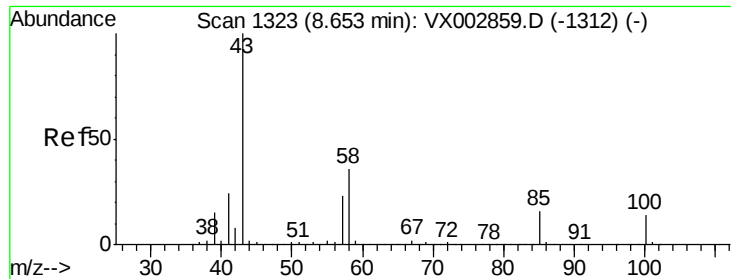
#50
Toluene-d8
Concen: 50.14 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 98 Resp: 539432
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 256.08 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

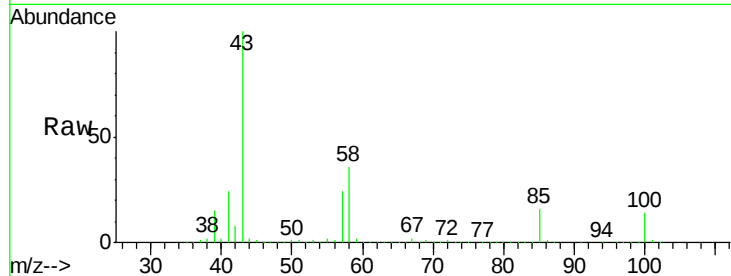
ClientSampleId :

Tot Ion: 43 Resp: 1180366

Ion Ratio Lower Upper

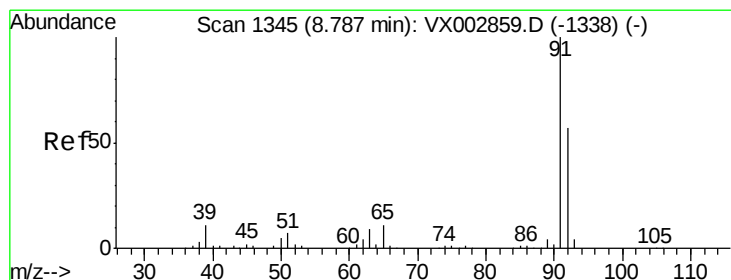
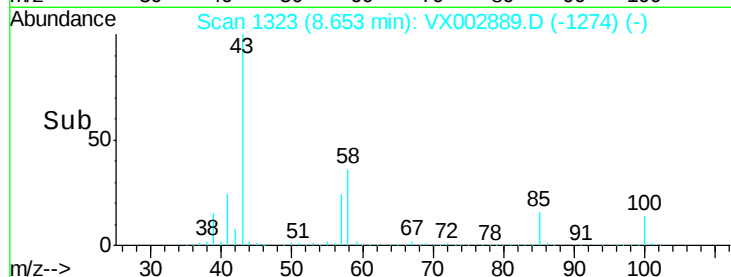
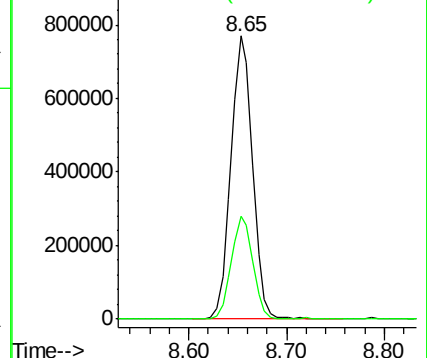
43 100

58 36.2 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: 48.91 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002889.D

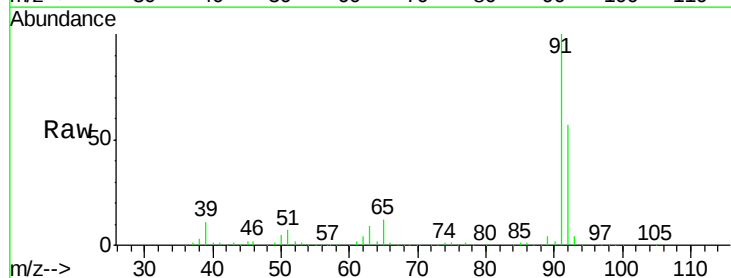
Acq: 26 Jun 2018 04:45

Tgt Ion: 92 Resp: 371433

Ion Ratio Lower Upper

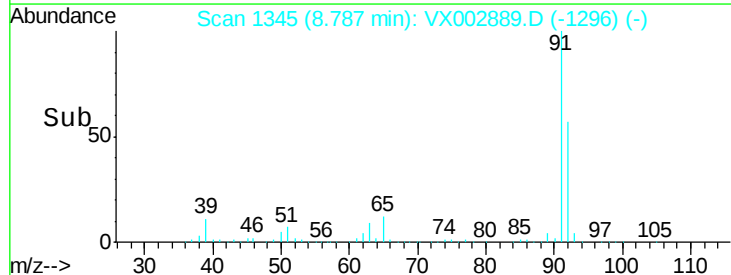
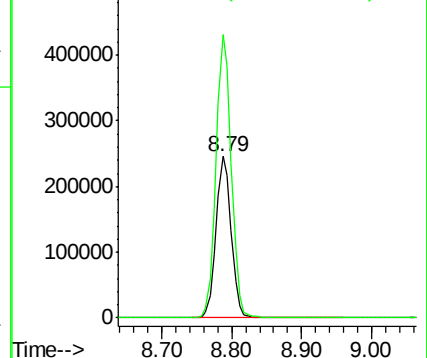
92 100

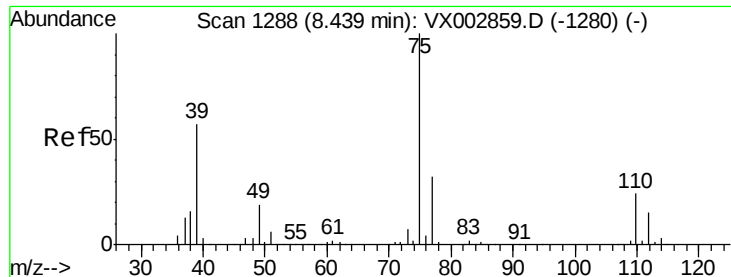
91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

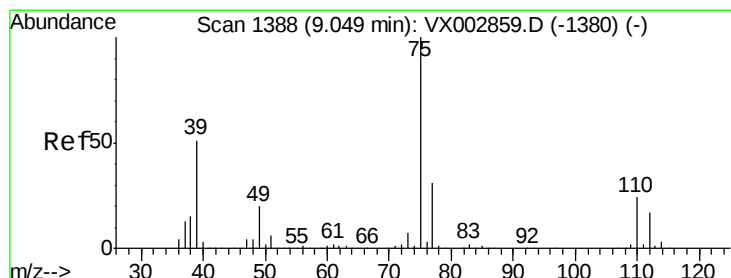
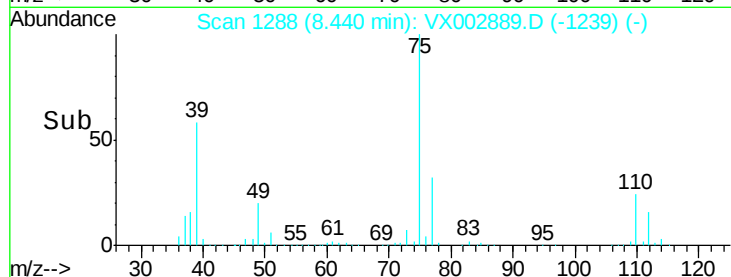
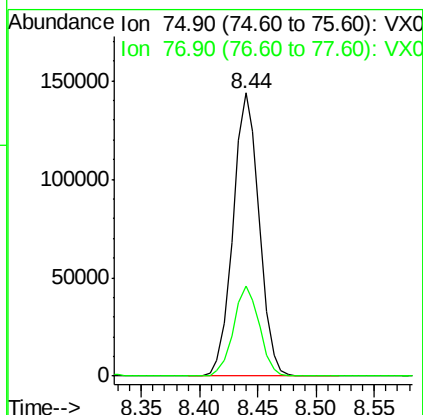
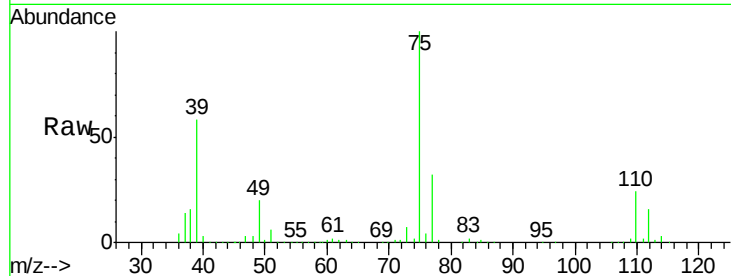




#53
t-1,3-Dichloropropene
Concen: 49.18 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

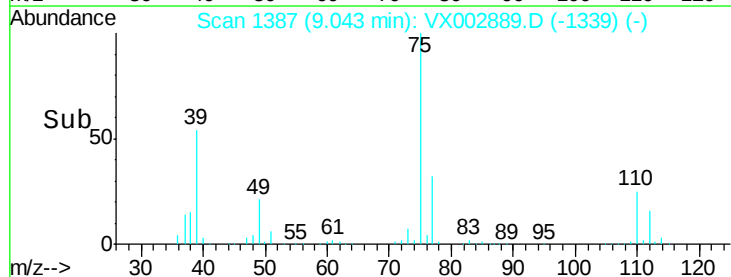
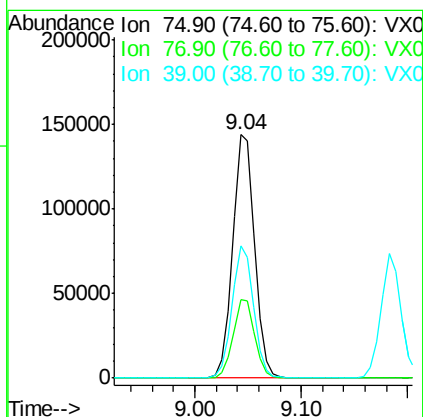
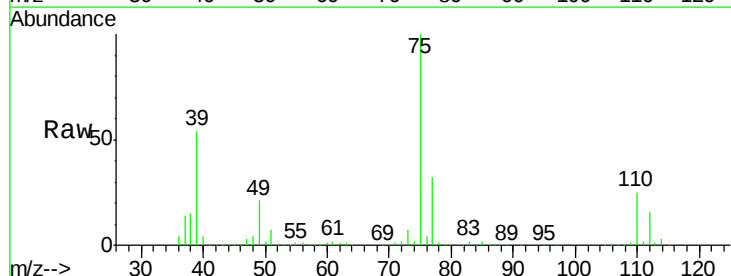
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 224686
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 47.37 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 75 Resp: 208265
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 54.1 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 49.57 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 154674

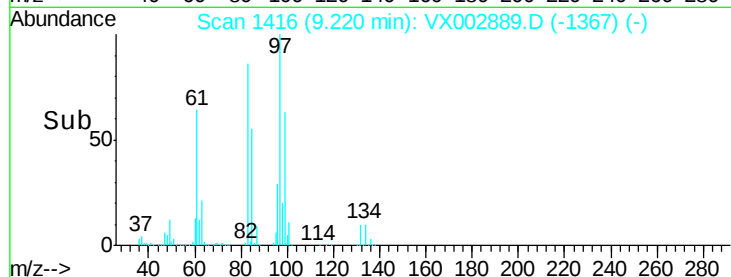
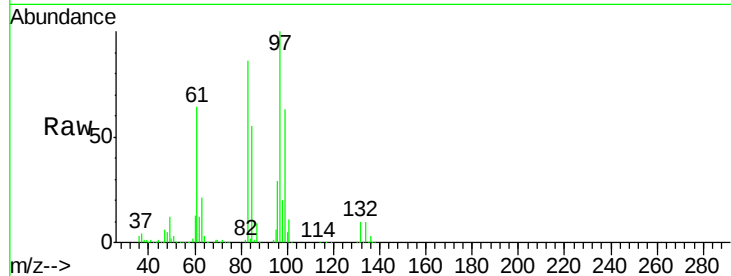
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.2	105.2
85	55.1	44.9	67.3
99	63.2	49.8	74.8

97 100

83 85.9 70.2 105.2

85 55.1 44.9 67.3

99 63.2 49.8 74.8

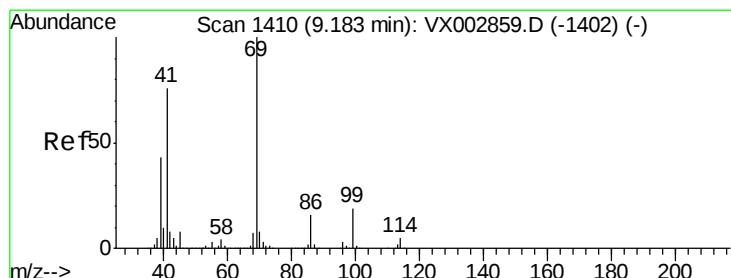
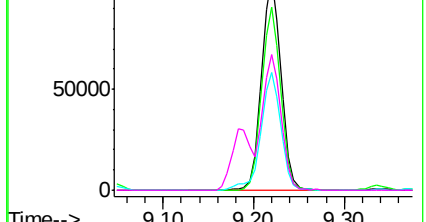


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.95 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

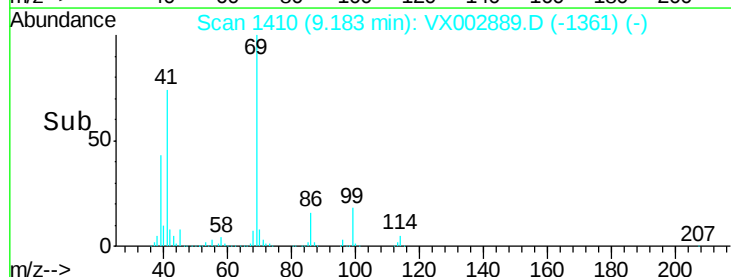
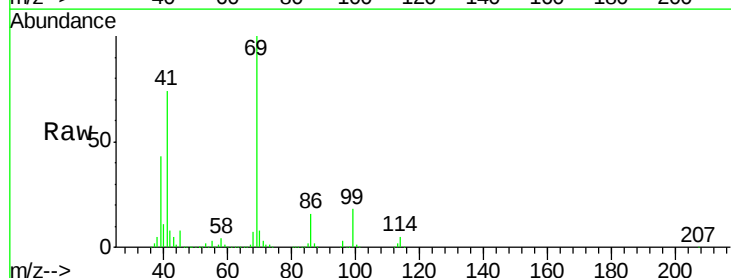
Tgt Ion: 69 Resp: 232389

Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	42.1	35.8	53.8

69 100

41 73.4 60.3 90.5

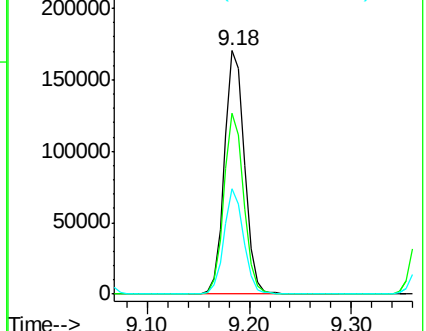
39 42.1 35.8 53.8

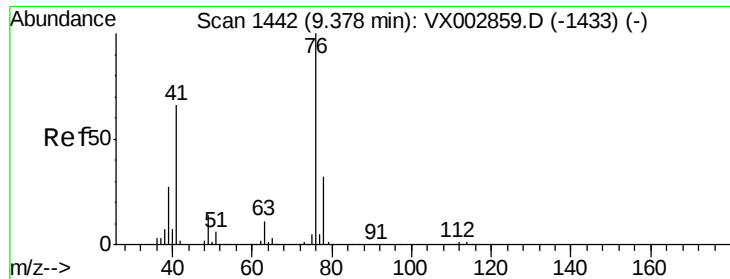


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.24 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

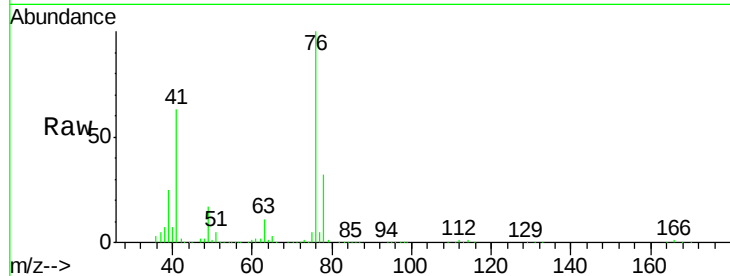
ClientSampleId :

Tot Ion: 76 Resp: 252358

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

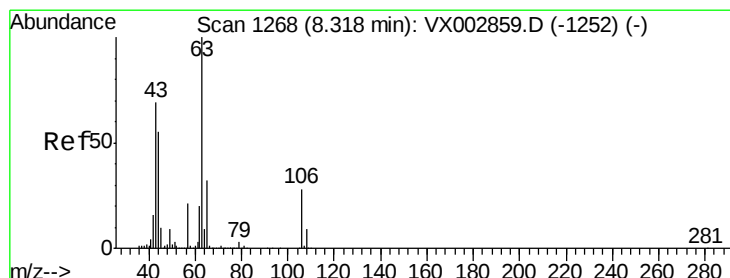
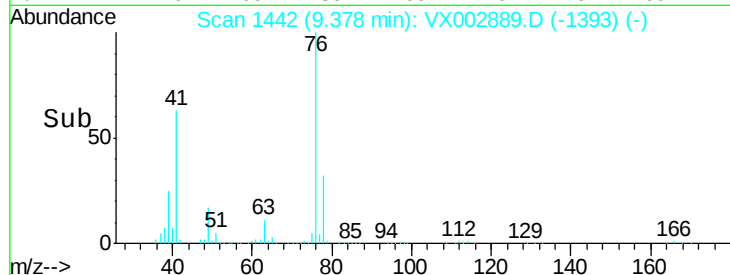
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 250.98 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002889.D

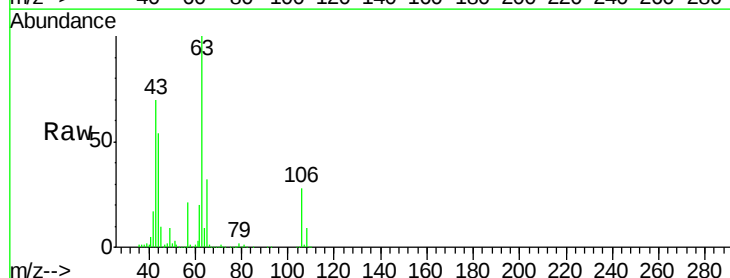
Acq: 26 Jun 2018 04:45

Tgt Ion: 63 Resp: 552221

Ion Ratio Lower Upper

63 100

106 27.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

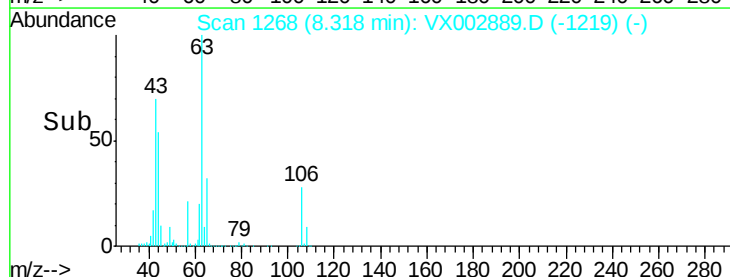
300000

200000

100000

0

Time-->

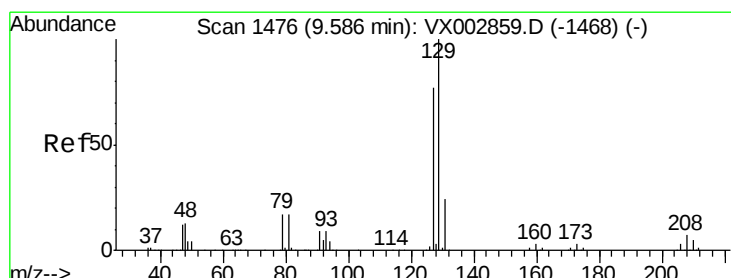
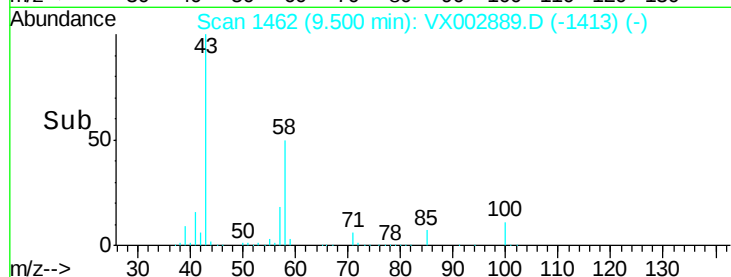
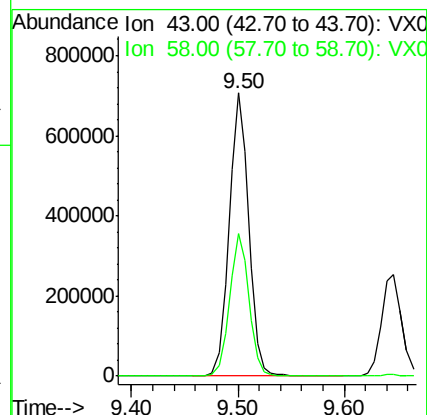
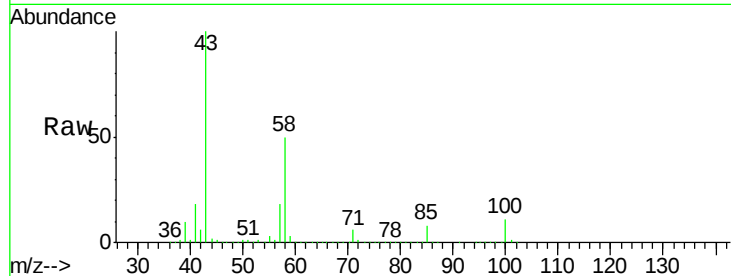




#59
2-Hexanone
Concen: 258.39 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

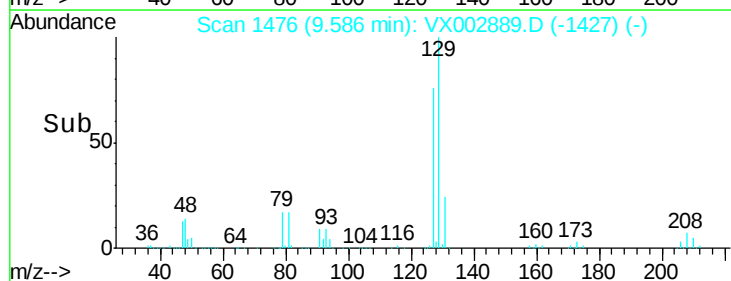
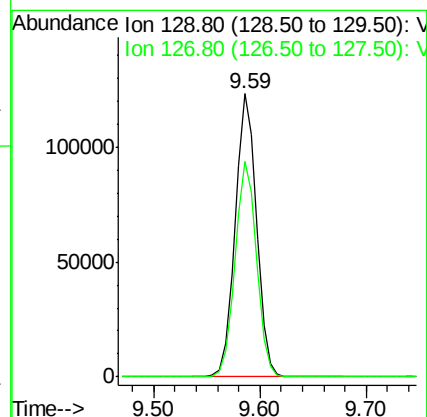
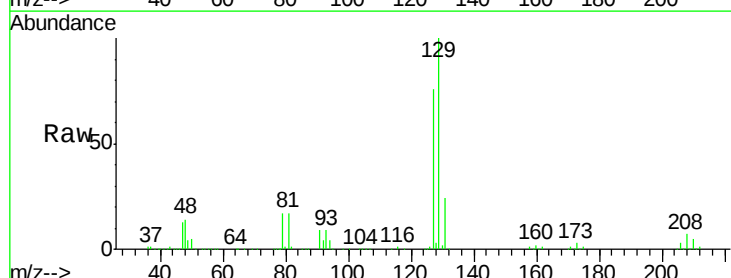
Instrument :
MSVOA_X
ClientSampleId :

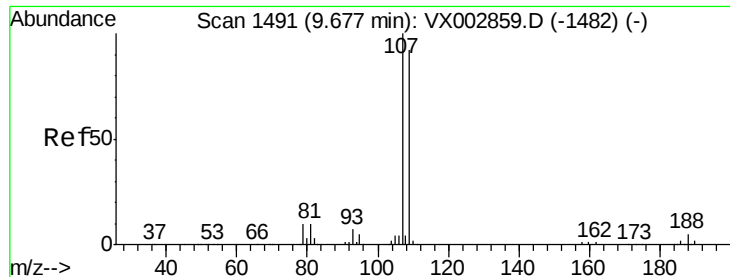
Tot Ion: 43 Resp: 905195
Ion Ratio Lower Upper
43 100
58 50.2 24.6 73.6



#60
Dibromochloromethane
Concen: 52.75 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 129 Resp: 173290
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.09 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

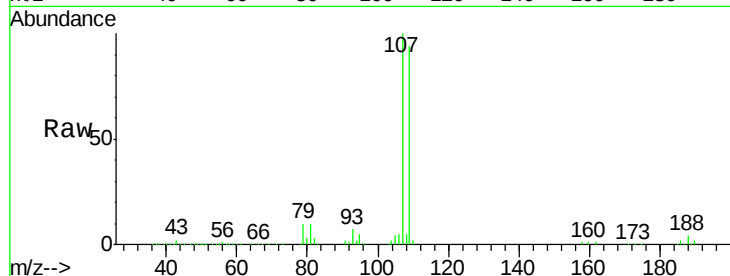
ClientSampleId :

Tot Ion:107 Resp: 163949

Ion Ratio Lower Upper

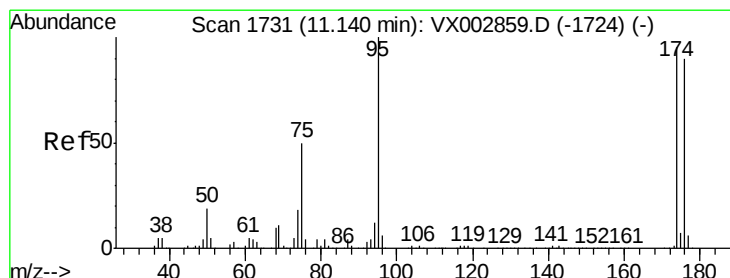
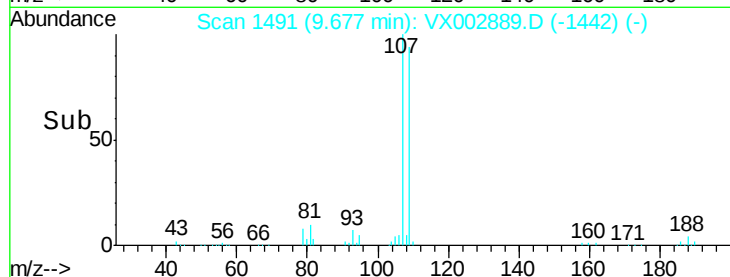
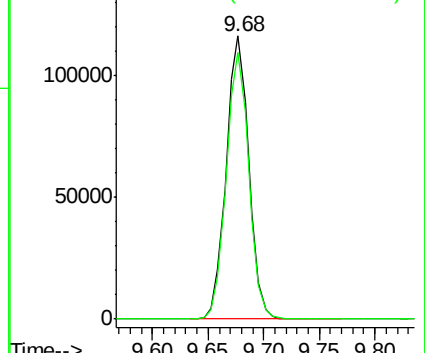
107 100

109 93.9 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: 50.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

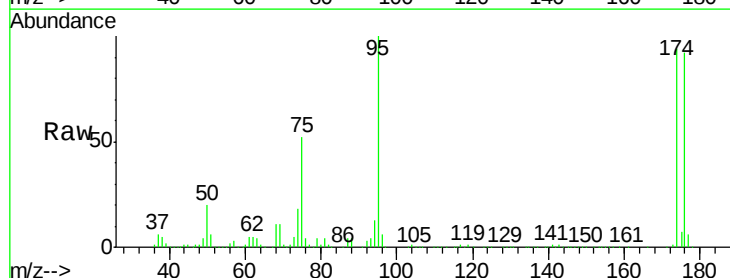
Tgt Ion: 95 Resp: 207518

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

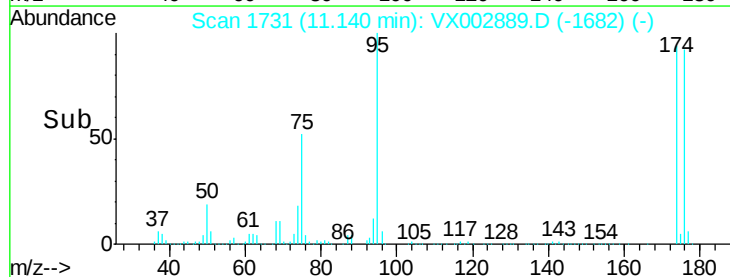
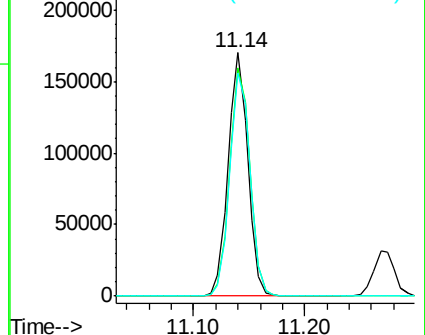
176 95.2 0.0 181.0

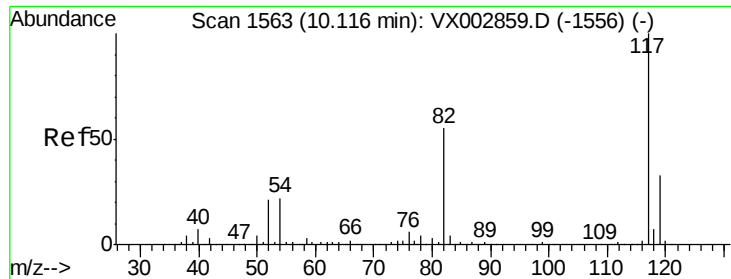


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

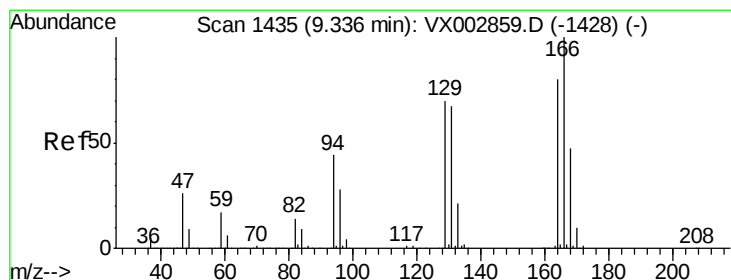
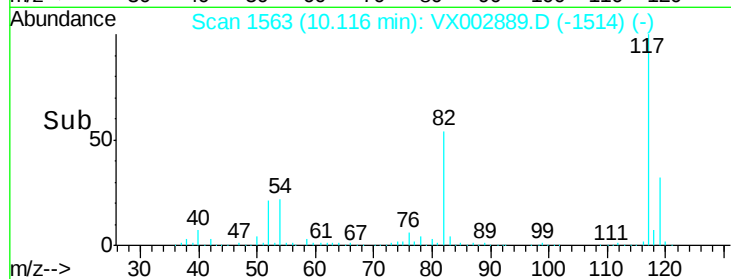
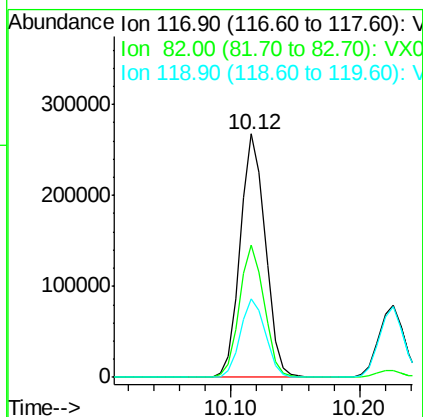
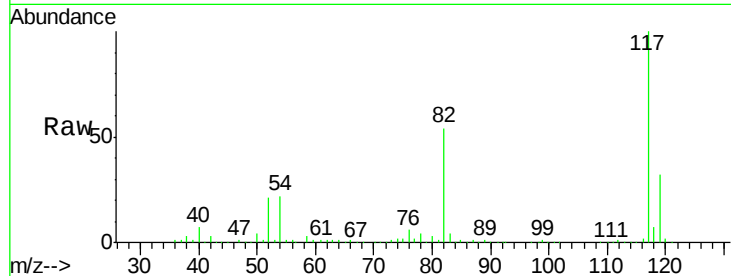




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

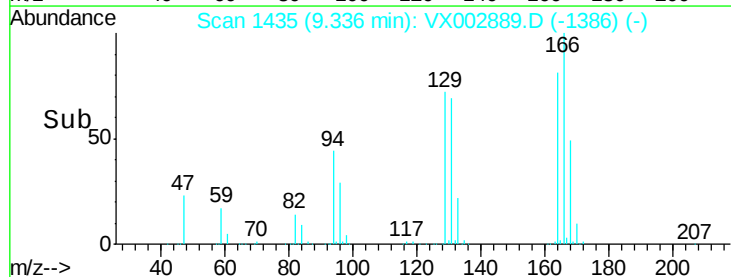
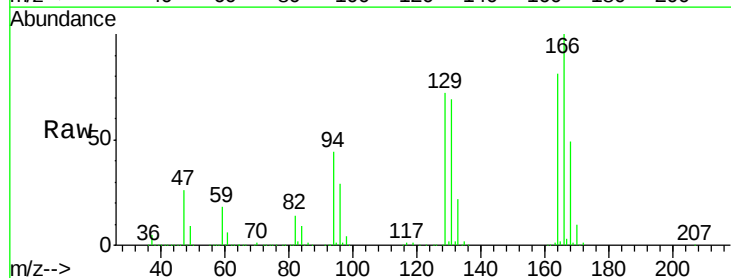
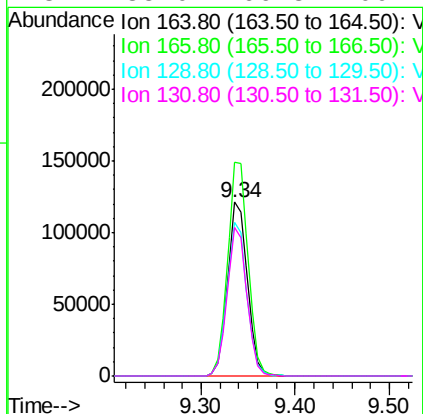
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 360578
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 44.23 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion:164 Resp: 177353
Ion Ratio Lower Upper
164 100
166 122.8 102.9 154.3
129 88.2 68.6 102.8
131 85.0 66.8 100.2





#65

Chlorobenzene

Concen: 46.92 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

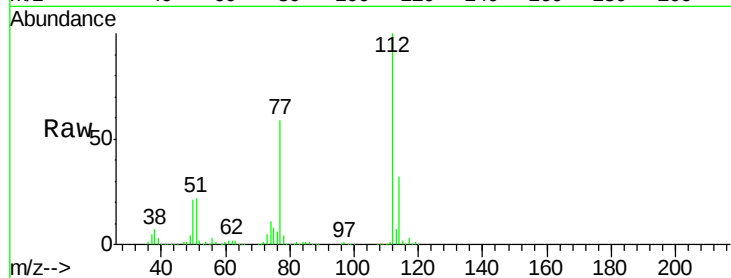
ClientSampleId :

Tot Ion:112 Resp: 429733

Ion Ratio Lower Upper

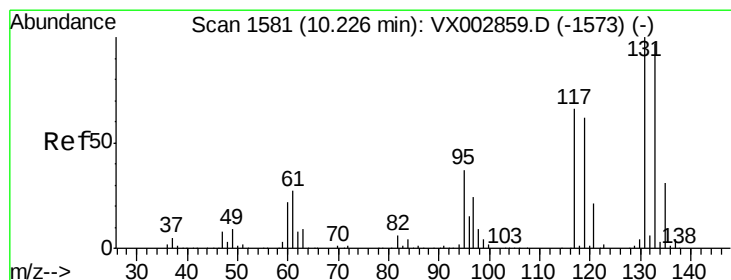
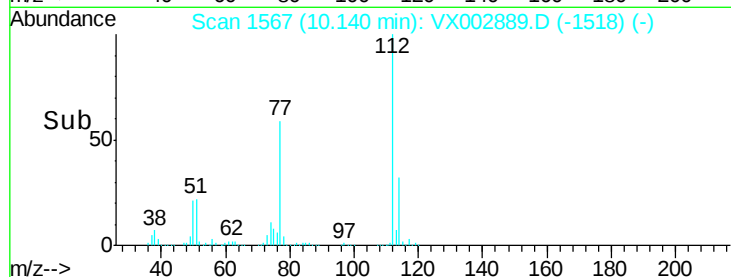
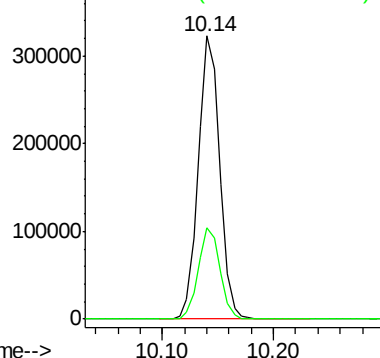
112 100

114 32.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.19 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

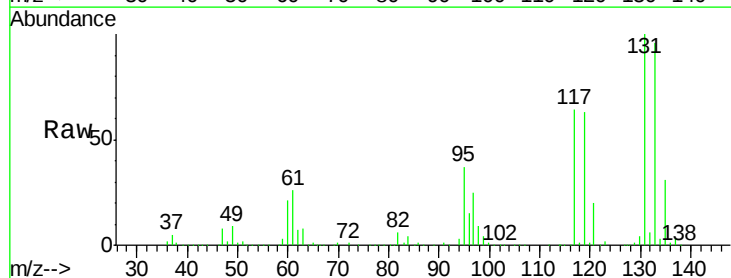
Tgt Ion:131 Resp: 163644

Ion Ratio Lower Upper

131 100

133 96.2 47.9 143.6

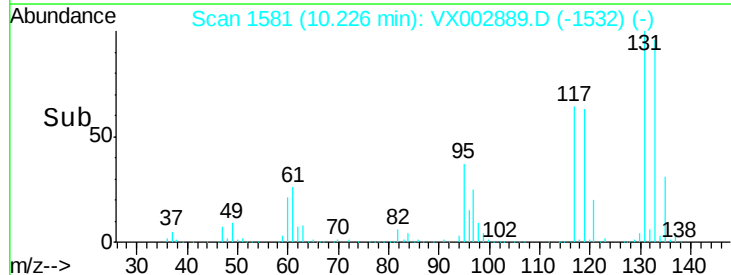
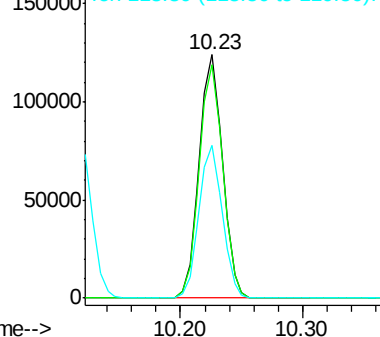
119 62.6 31.8 95.3

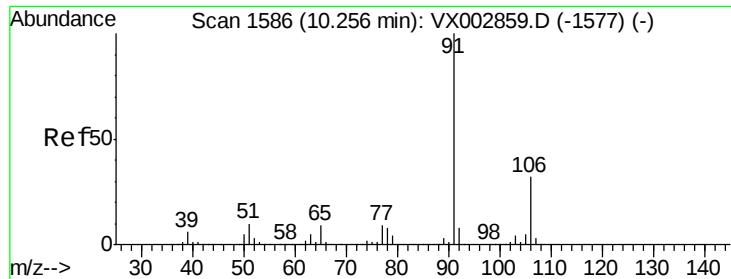


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

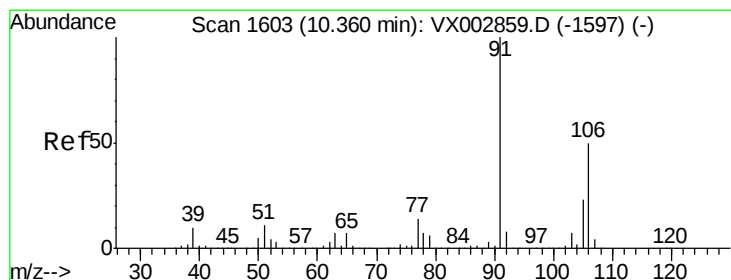
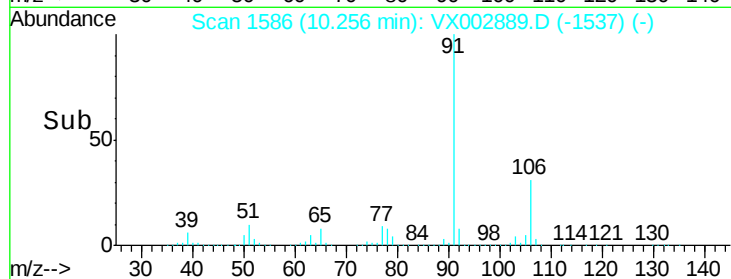
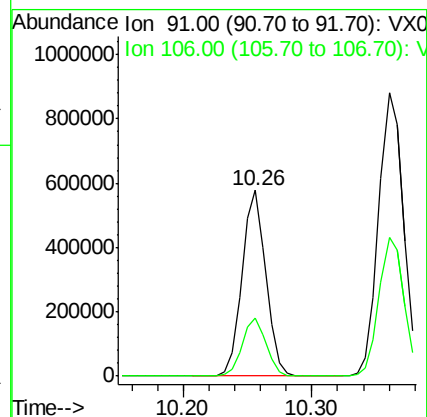
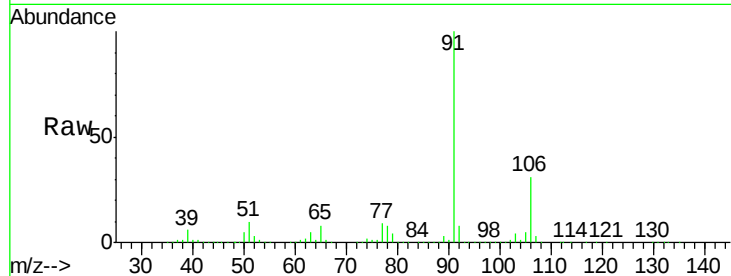




#67
Ethyl Benzene
Concen: 48.92 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

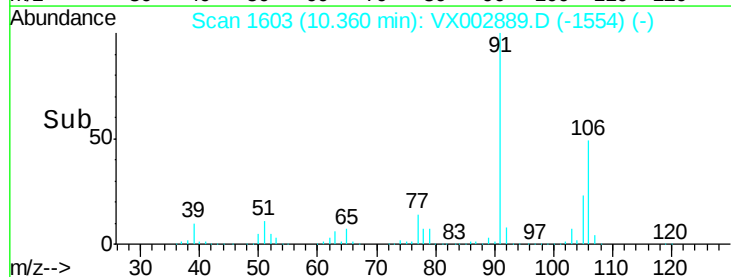
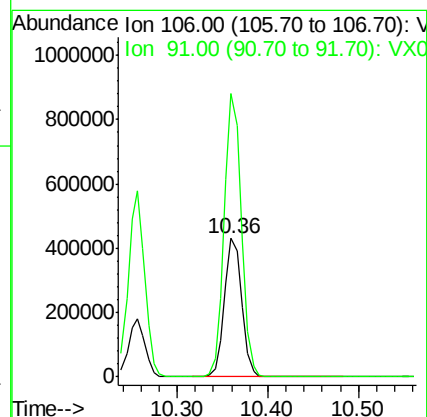
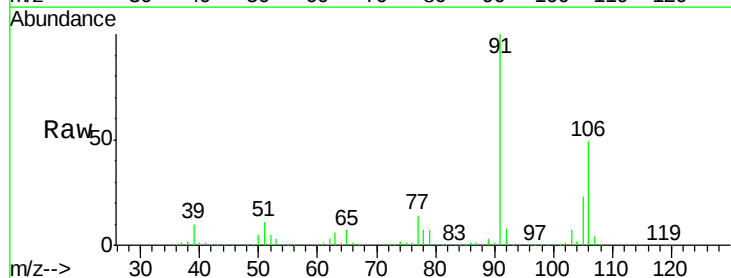
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 740120
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 98.54 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion: 106 Resp: 574567
Ion Ratio Lower Upper
106 100
91 203.8 163.4 245.2

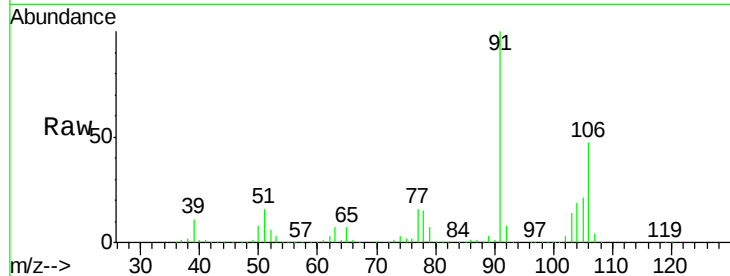




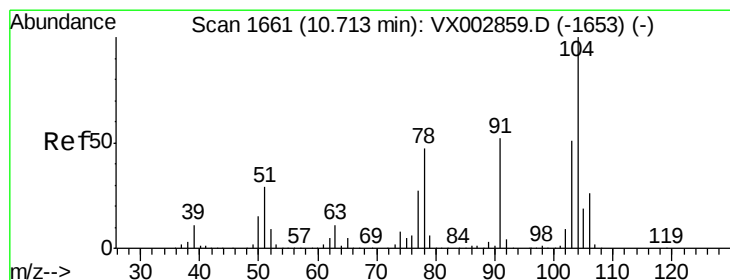
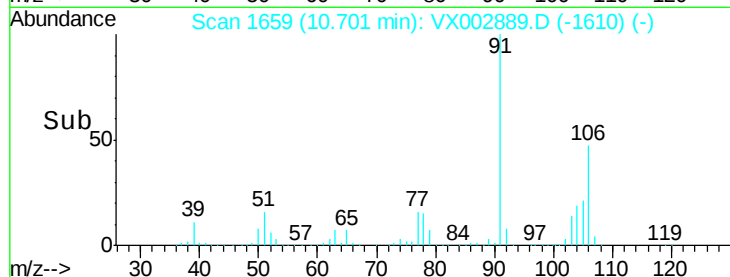
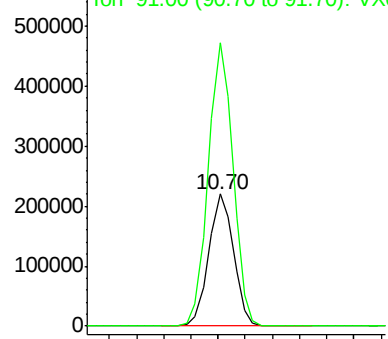
#69
o-Xylene
Concen: 49.34 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 280106
Ion Ratio Lower Upper
106 100
91 214.2 108.2 324.6

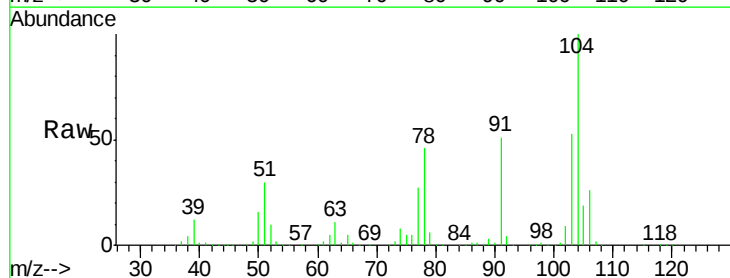


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

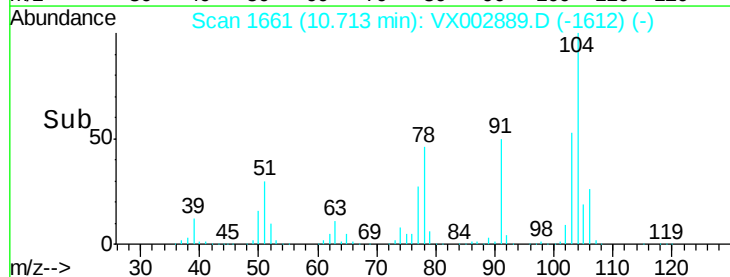
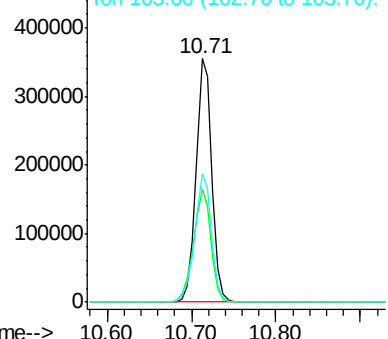


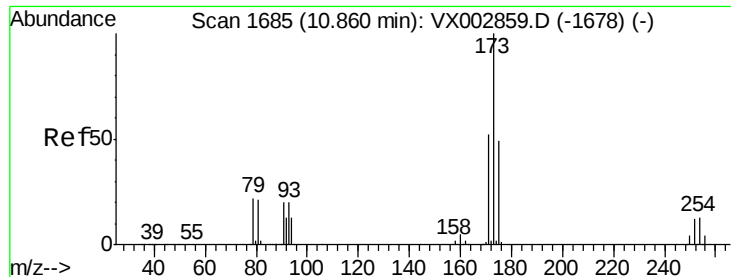
#70
Styrene
Concen: 49.79 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion:104 Resp: 459325
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 56.5 44.2 66.4



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





#71

Bromoform

Concen: 46.40 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampled :

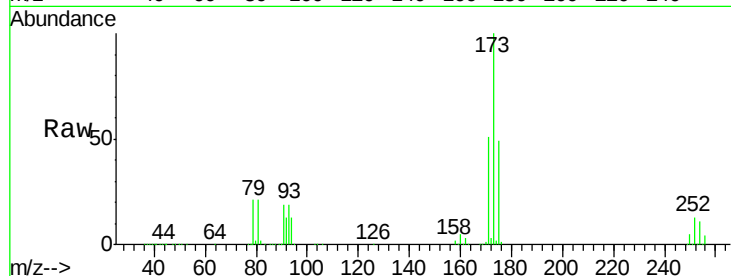
Tot Ion:173 Resp: 138562

Ion Ratio Lower Upper

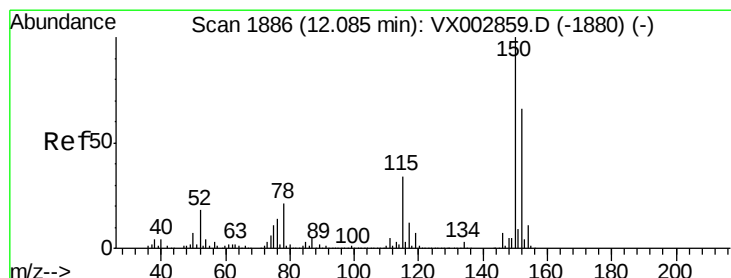
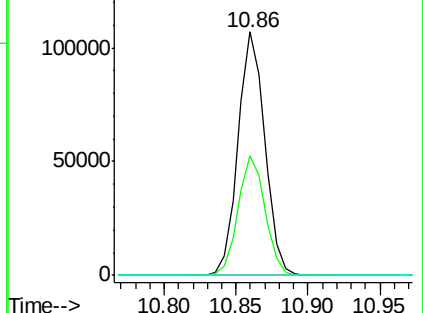
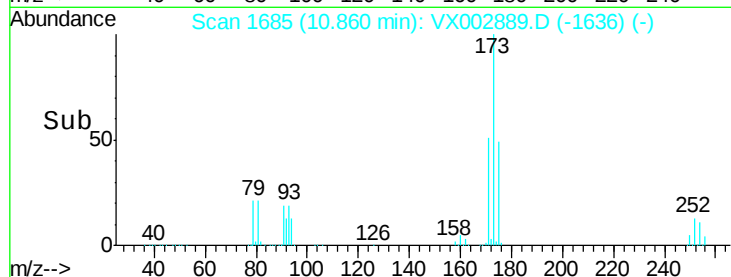
173 100

175 49.5 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: VX002889.D

Acq: 26 Jun 2018 04:45

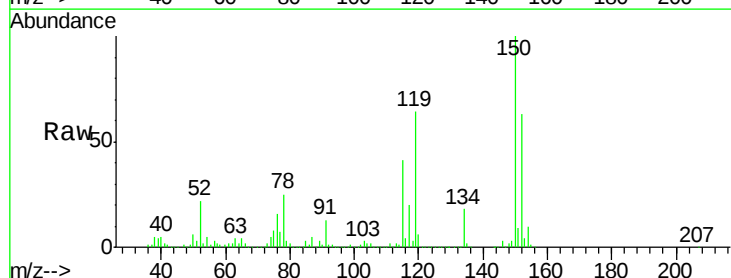
Tgt Ion:152 Resp: 231374

Ion Ratio Lower Upper

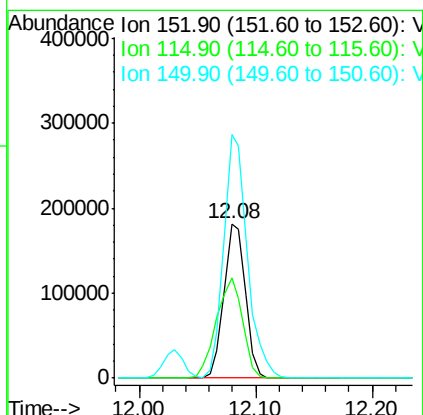
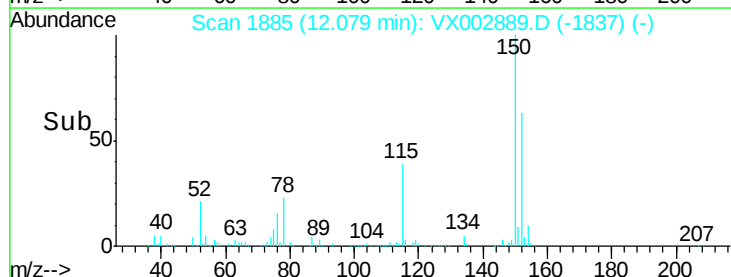
152 100

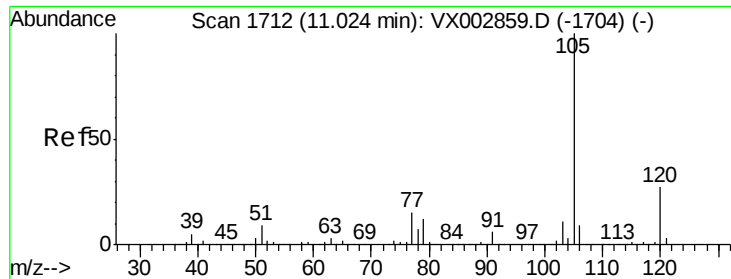
115 78.5 40.1 120.2

150 172.7 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: 49.20 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

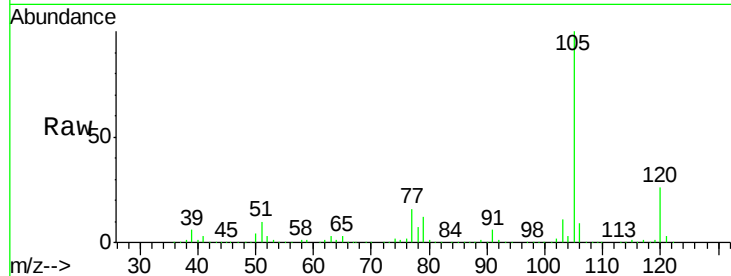
ClientSampleId :

Tot Ion:105 Resp: 765764

Ion Ratio Lower Upper

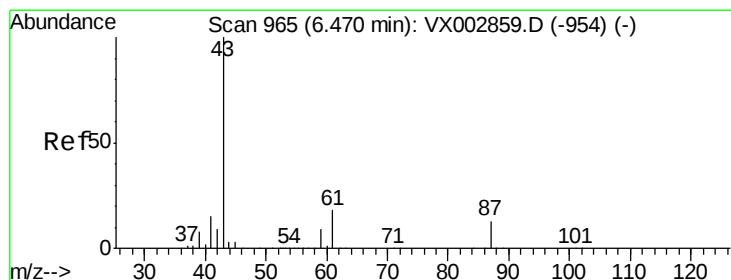
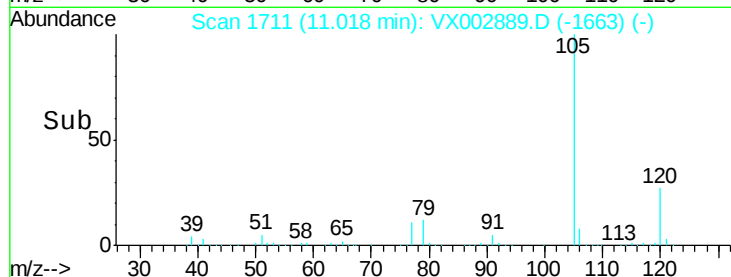
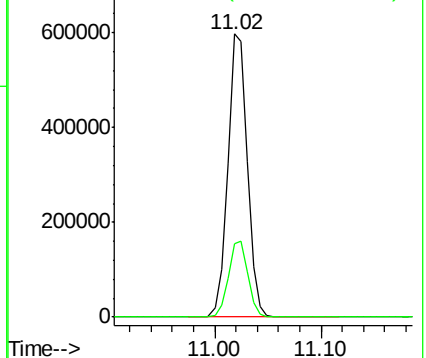
105 100

120 26.9 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: 47.34 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion: 43 Resp: 360503

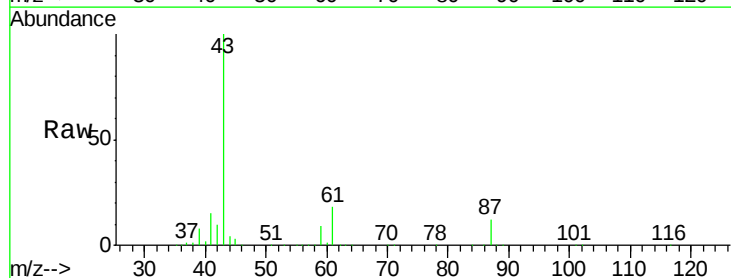
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.2 14.4 21.6

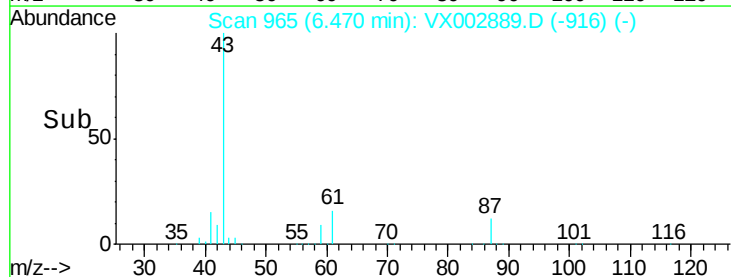
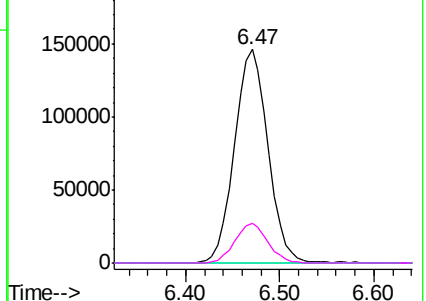


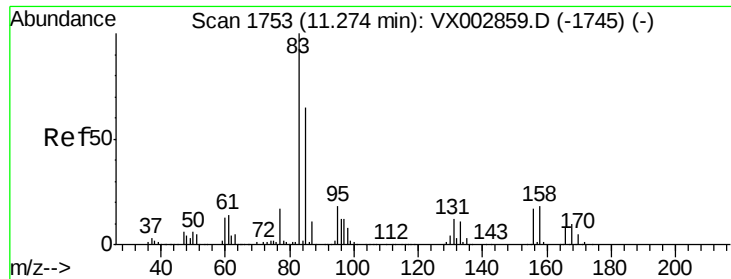
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.60 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

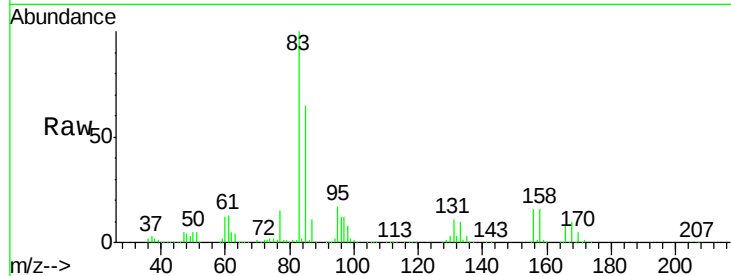
Tot Ion: 83 Resp: 242625

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

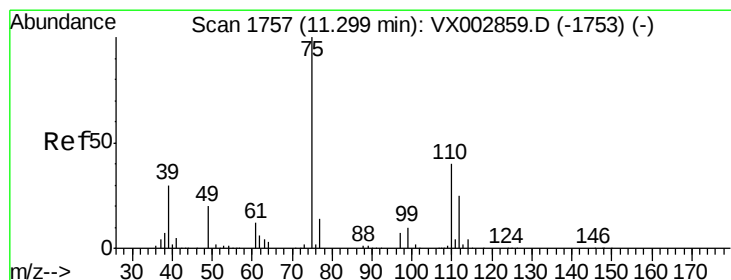
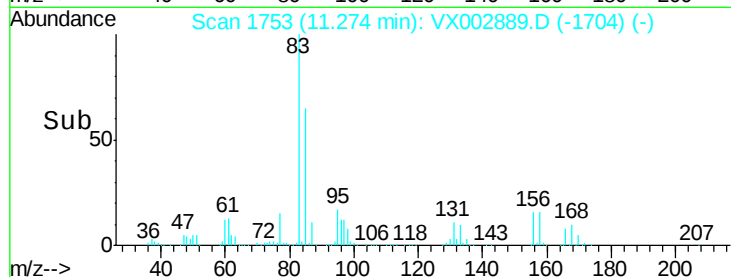
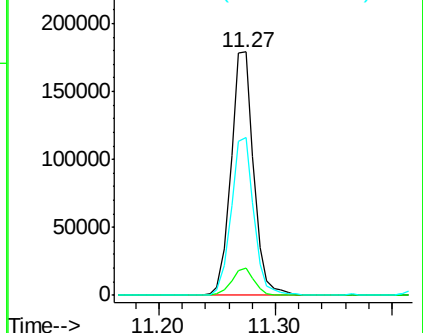
85 64.8 32.4 97.2



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: 60.77 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002889.D

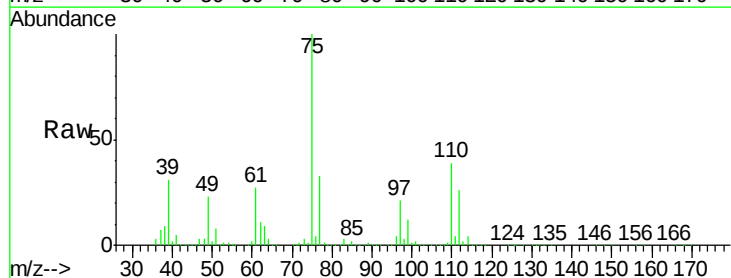
Acq: 26 Jun 2018 04:45

Tgt Ion: 75 Resp: 254669

Ion Ratio Lower Upper

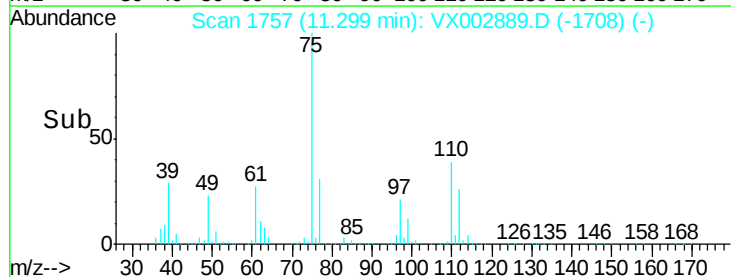
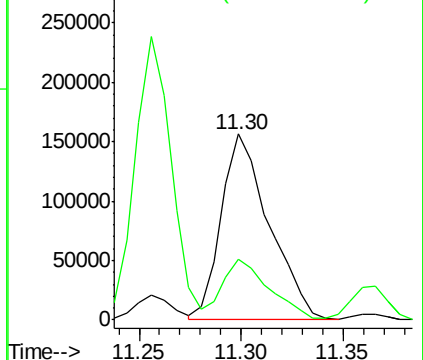
75 100

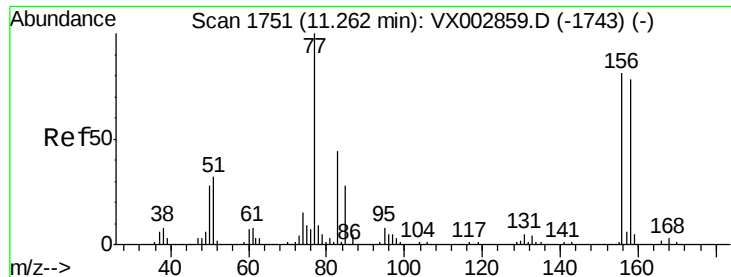
77 32.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.72 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampled :

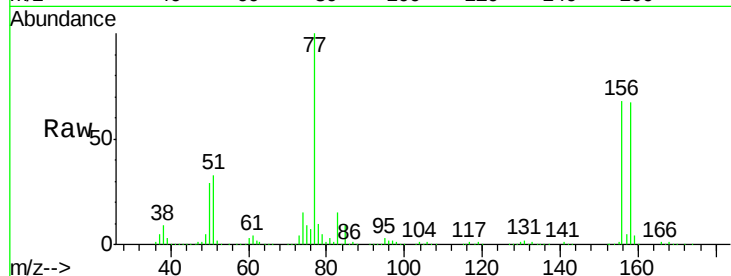
Tot Ion:156 Resp: 211531

Ion Ratio Lower Upper

156 100

77 139.6 71.4 214.2

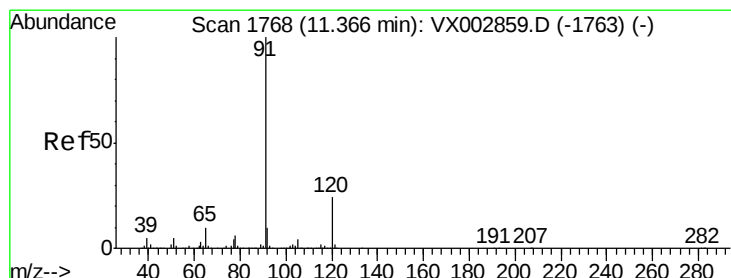
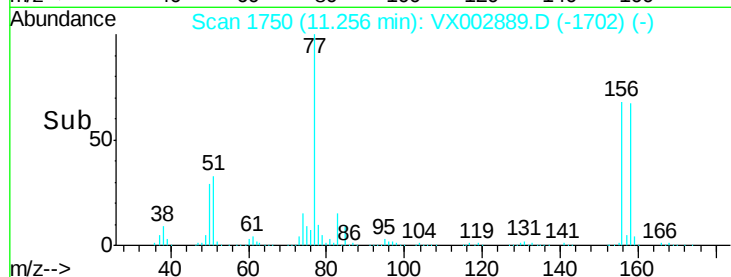
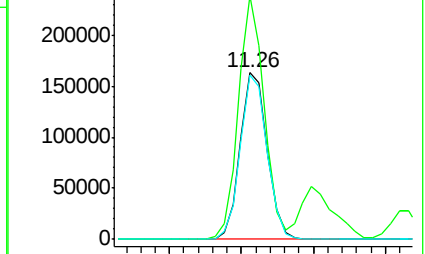
158 98.1 48.9 146.6



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: 49.41 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002889.D

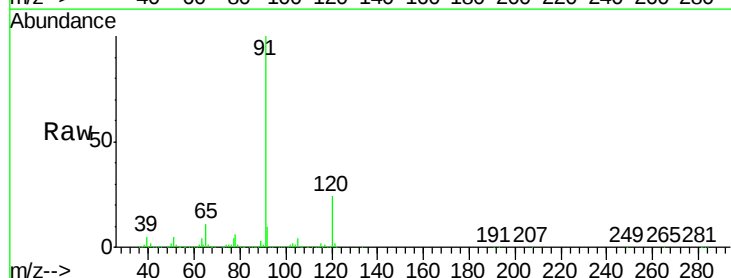
Acq: 26 Jun 2018 04:45

Tgt Ion: 91 Resp: 875434

Ion Ratio Lower Upper

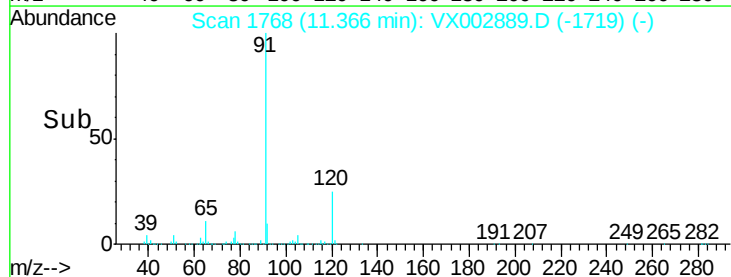
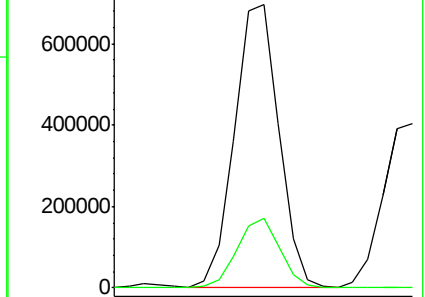
91 100

120 23.9 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: 48.56 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

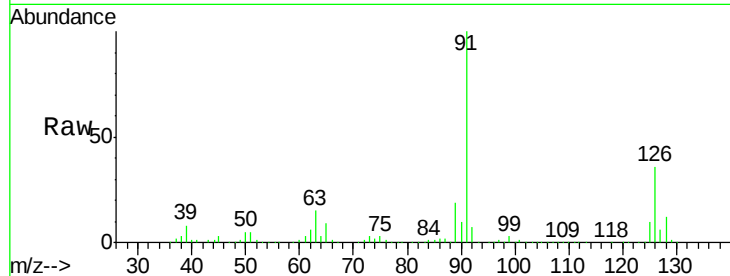
ClientSampleId :

Tot Ion: 91 Resp: 520902

Ion Ratio Lower Upper

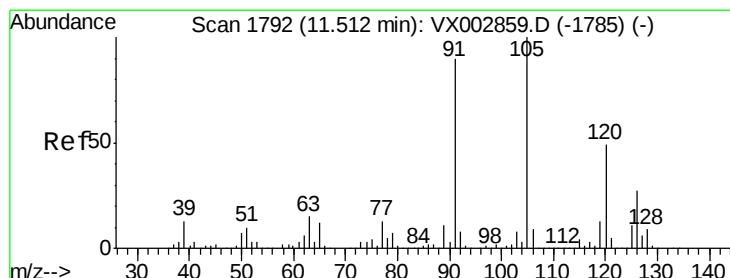
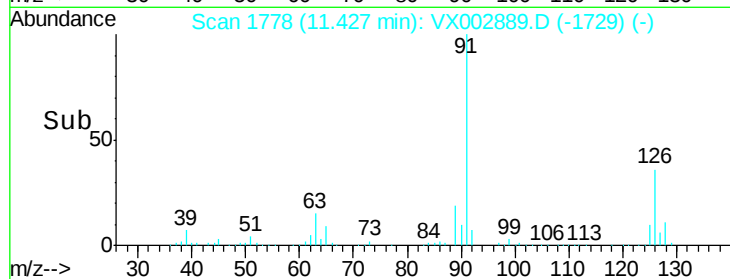
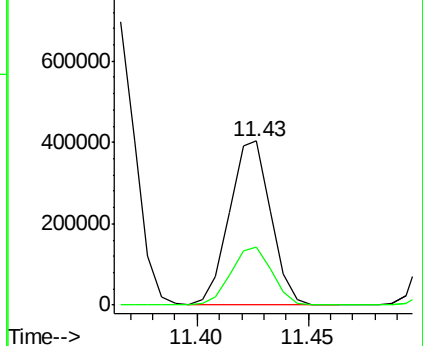
91 100

126 35.3 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.68 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002889.D

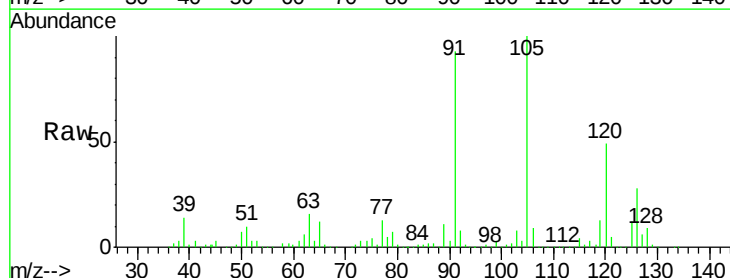
Acq: 26 Jun 2018 04:45

Tgt Ion:105 Resp: 651329

Ion Ratio Lower Upper

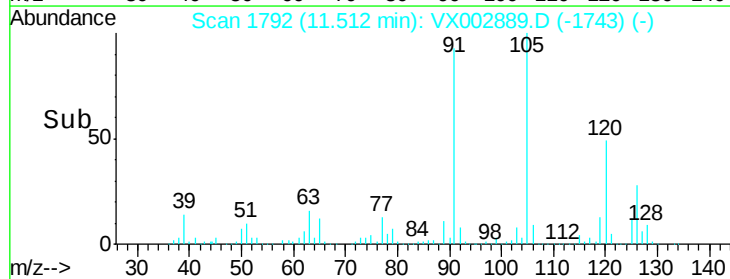
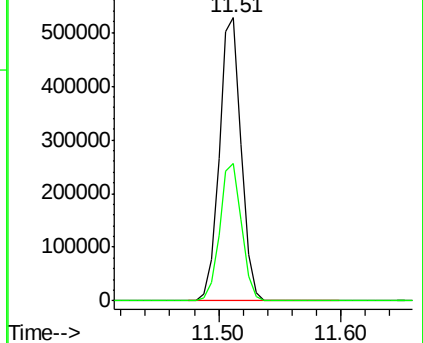
105 100

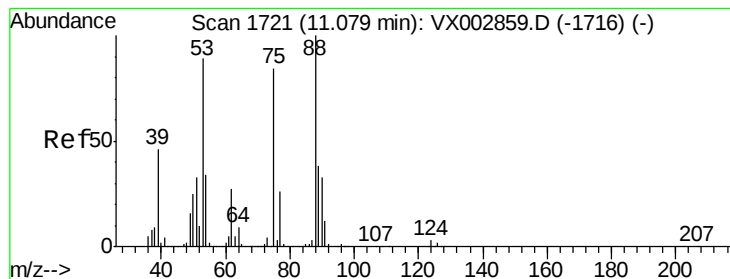
120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 36.43 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

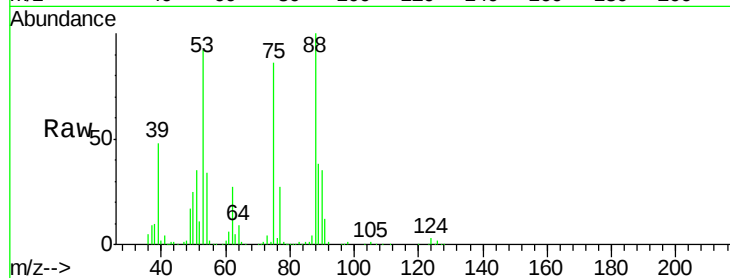
Tot Ion: 75 Resp: 51202

Ion Ratio Lower Upper

75 100

53 112.6 86.8 130.2

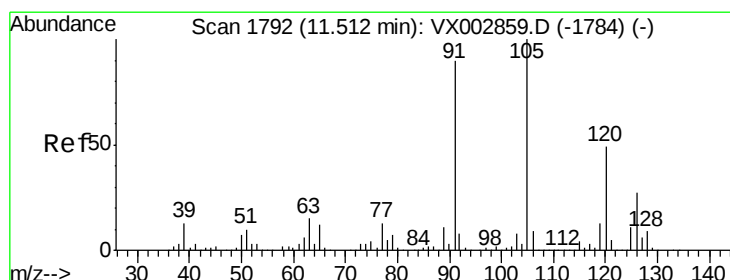
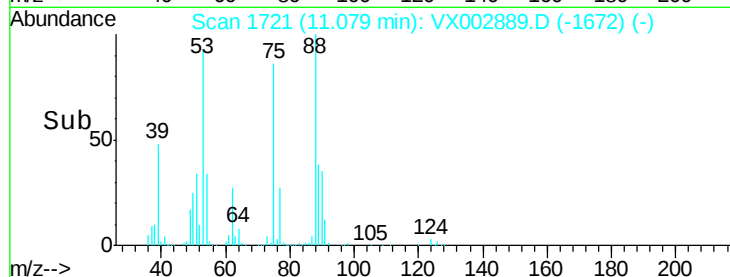
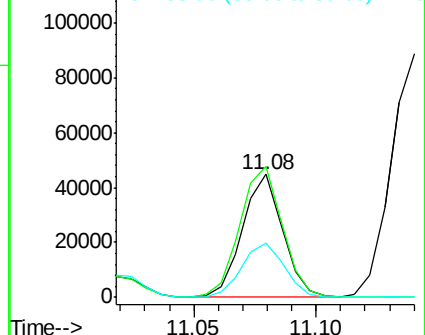
89 47.4 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.38 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002889.D

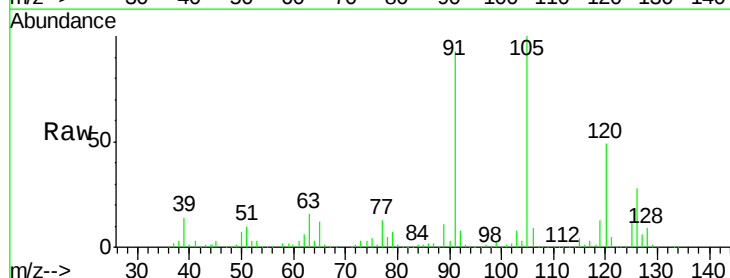
Acq: 26 Jun 2018 04:45

Tgt Ion: 91 Resp: 614394

Ion Ratio Lower Upper

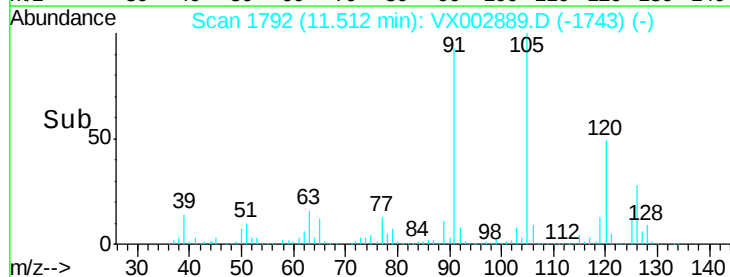
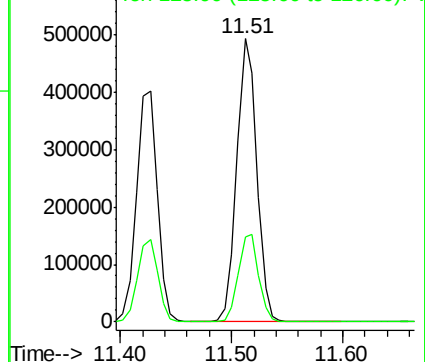
91 100

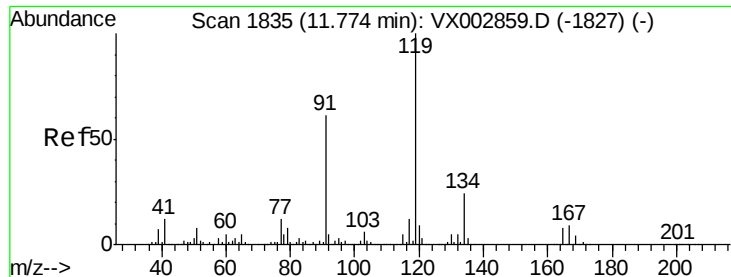
126 31.2 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

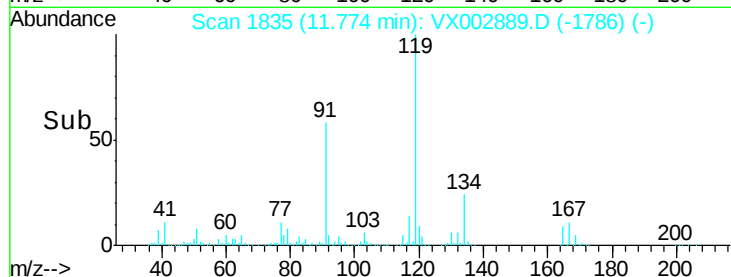
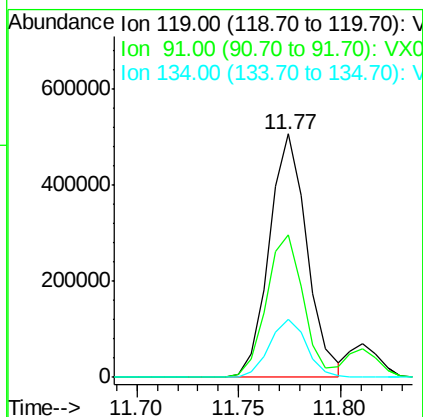
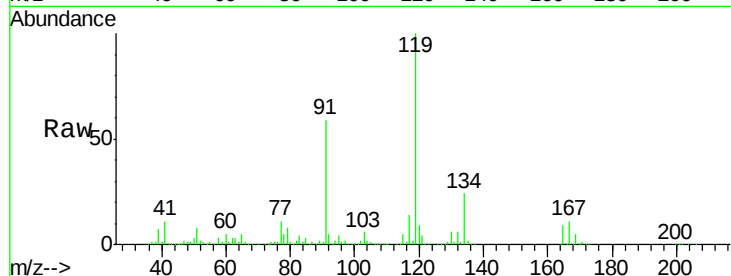




#83
tert-Butylbenzene
Concen: 50.55 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

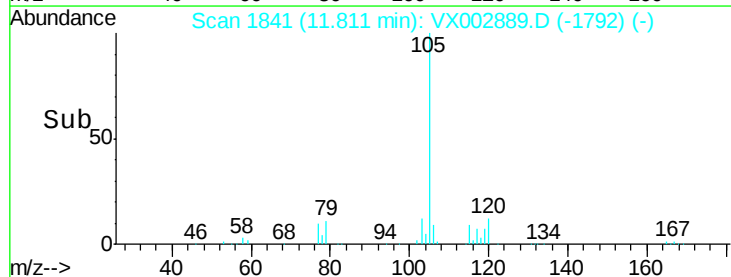
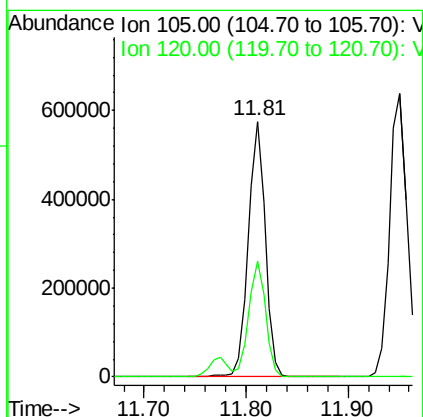
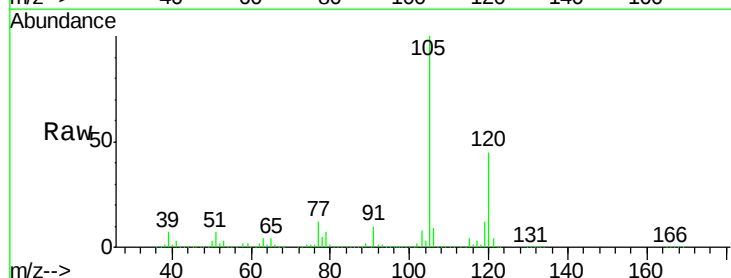
Instrument :
MSVOA_X
ClientSampleId :

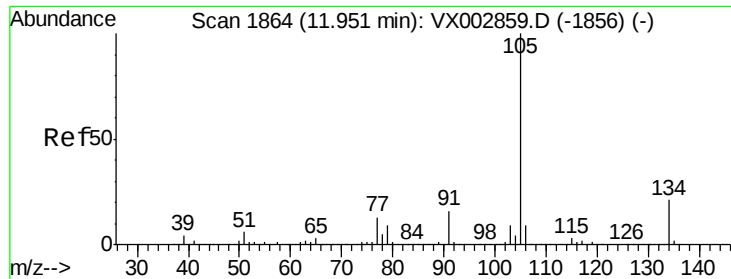
Tot Ion:119 Resp: 653087
Ion Ratio Lower Upper
119 100
91 56.9 30.3 90.9
134 23.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 49.18 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002889.D
Acq: 26 Jun 2018 04:45

Tgt Ion:105 Resp: 668074
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.01 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

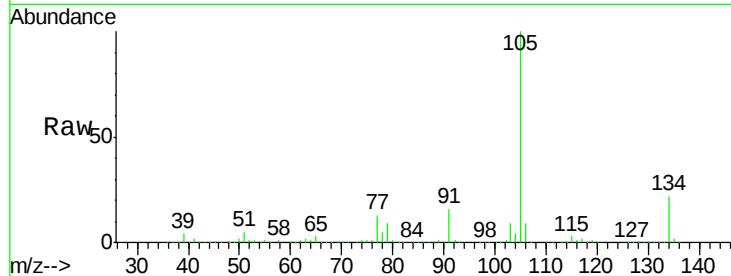
ClientSampleId :

Tot Ion:105 Resp: 768116

Ion Ratio Lower Upper

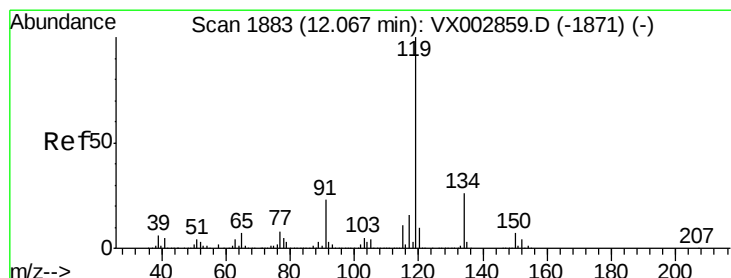
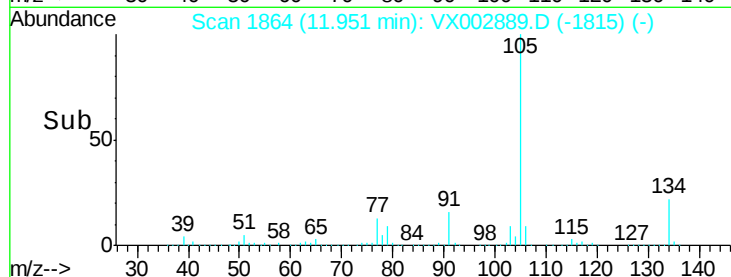
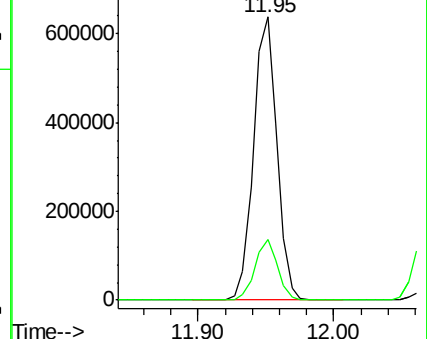
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.51 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

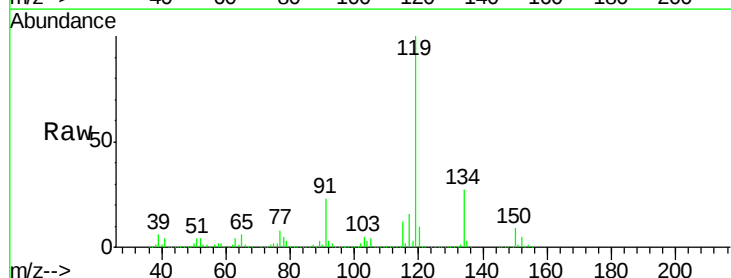
Tgt Ion:119 Resp: 697601

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

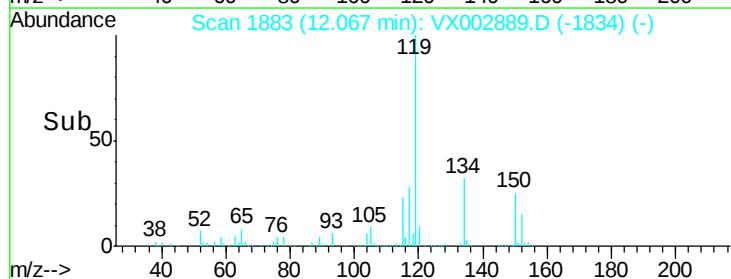
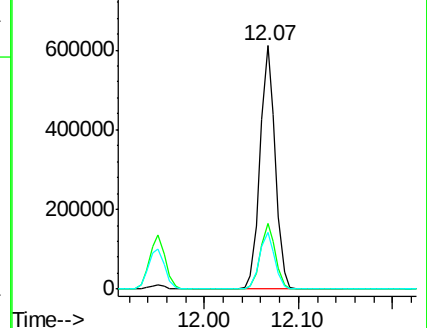
91 23.4 11.9 35.7

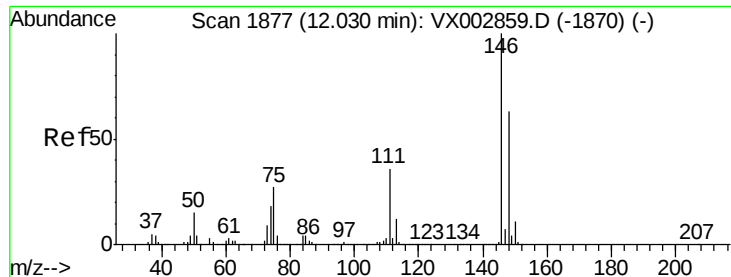


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.64 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

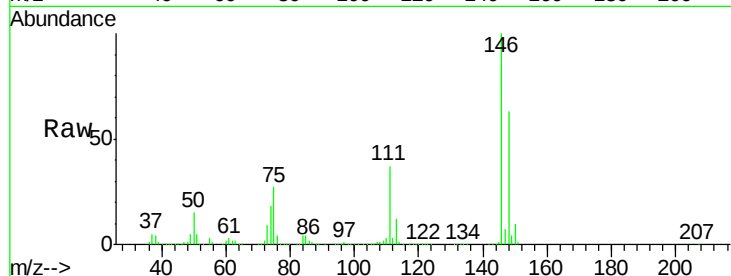
Tot Ion:146 Resp: 385656

Ion Ratio Lower Upper

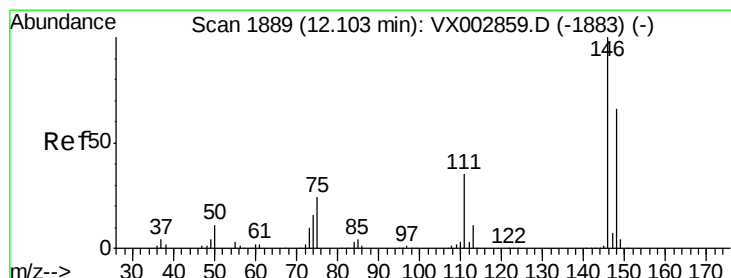
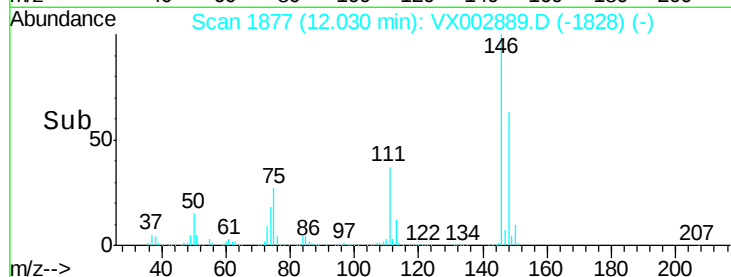
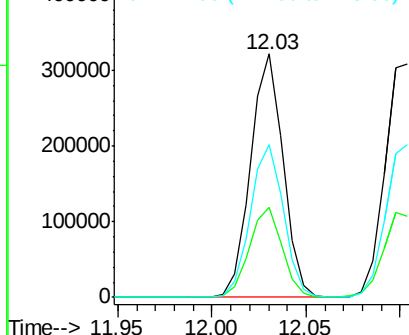
146 100

111 37.2 18.9 56.7

148 63.8 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 47.30 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

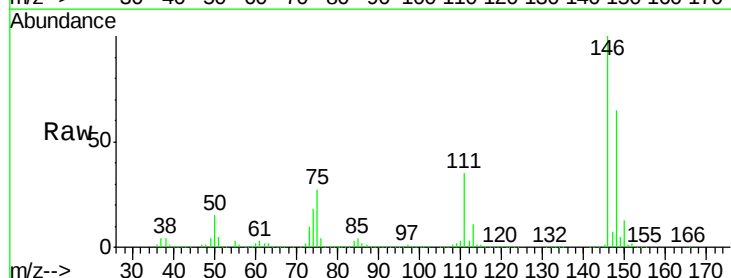
Tgt Ion:146 Resp: 394047

Ion Ratio Lower Upper

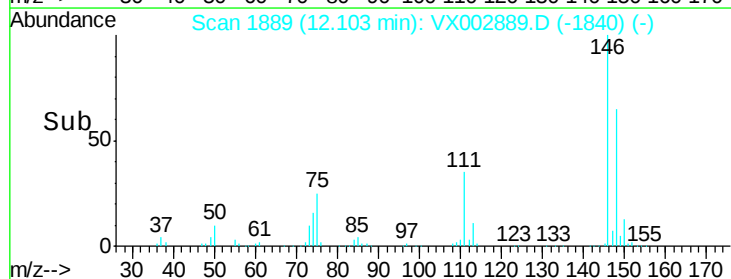
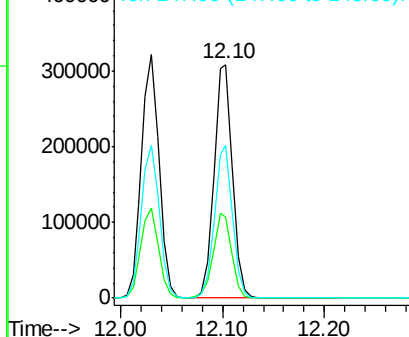
146 100

111 36.4 18.7 56.1

148 64.0 32.4 97.0



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





#89

n-Butylbenzene

Concen: 48.31 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampleId :

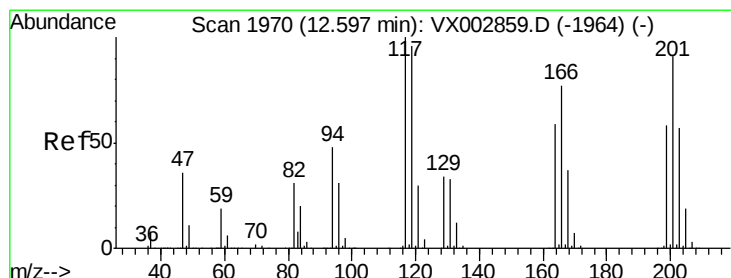
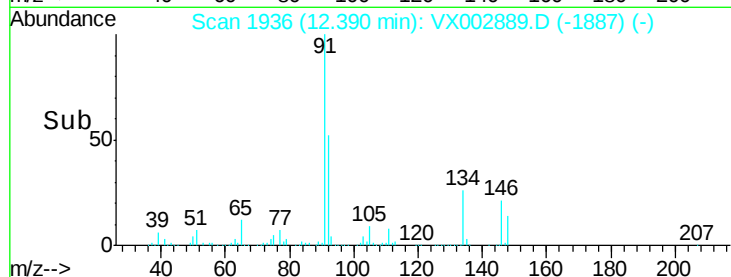
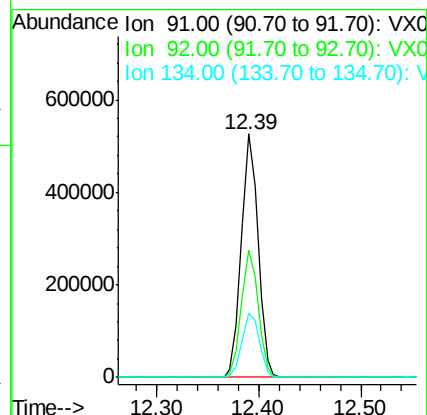
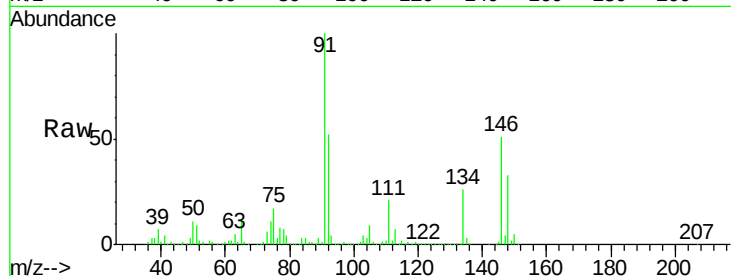
Tot Ion: 91 Resp: 592557

Ion Ratio Lower Upper

91 100

92 52.4 26.0 78.0

134 27.2 13.5 40.5



#90

Hexachloroethane

Concen: 46.64 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002889.D

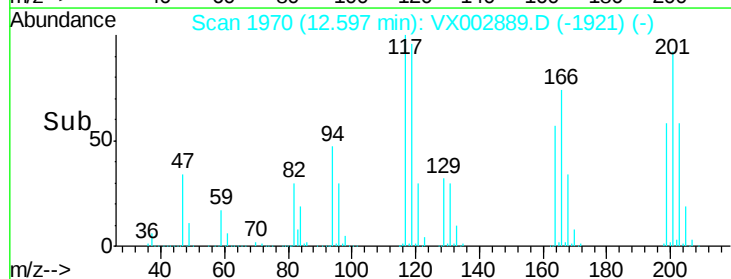
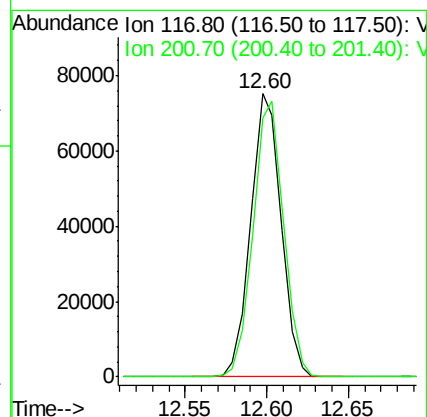
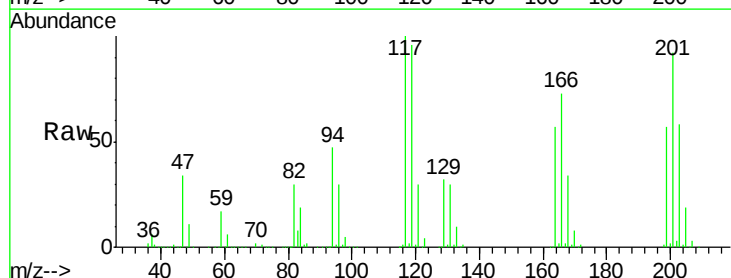
Acq: 26 Jun 2018 04:45

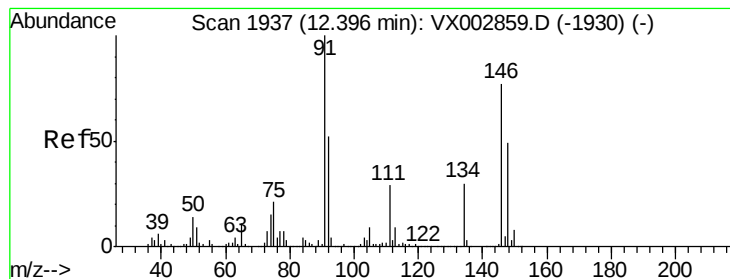
Tgt Ion: 117 Resp: 97753

Ion Ratio Lower Upper

117 100

201 98.0 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 47.62 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Instrument :

MSVOA_X

ClientSampled :

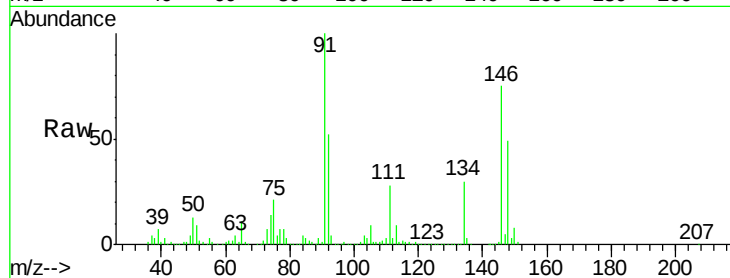
Tot Ion:146 Resp: 389091

Ion Ratio Lower Upper

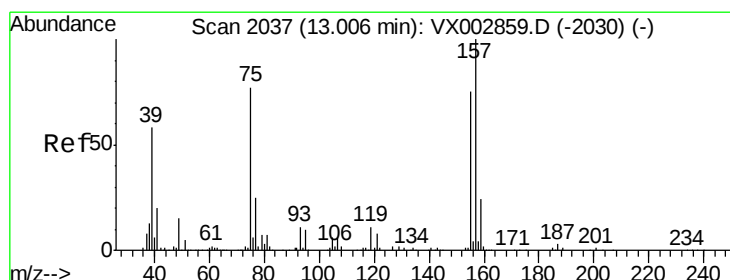
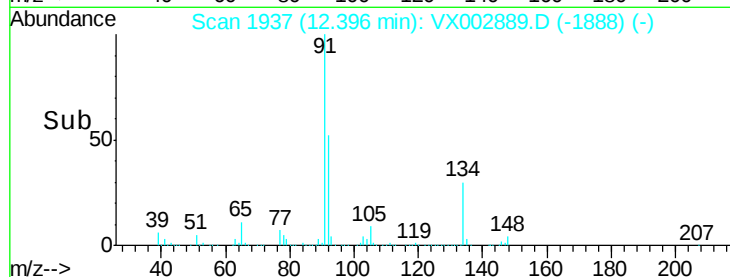
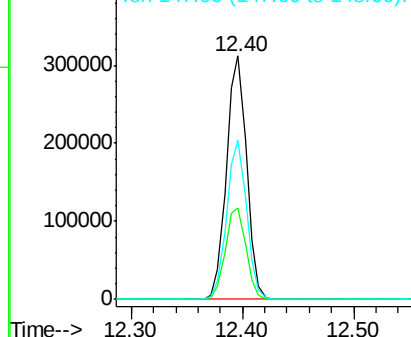
146 100

111 38.7 19.4 58.1

148 64.5 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.30 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

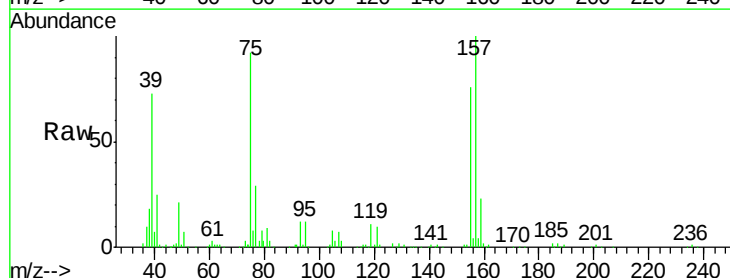
Tgt Ion: 75 Resp: 54213

Ion Ratio Lower Upper

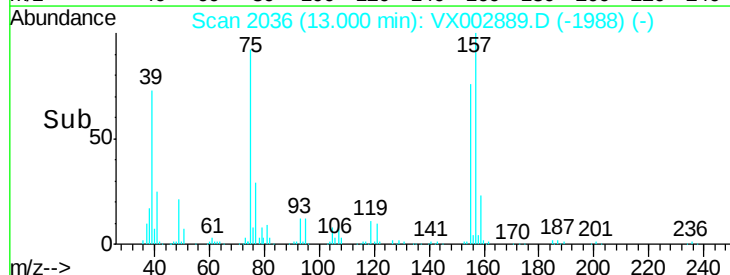
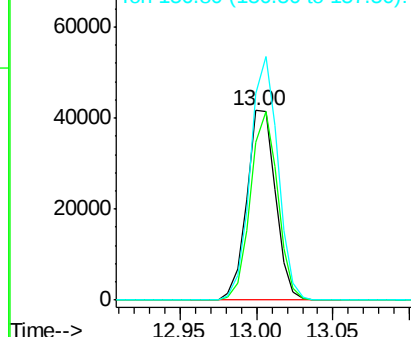
75 100

155 94.3 45.8 137.4

157 123.4 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

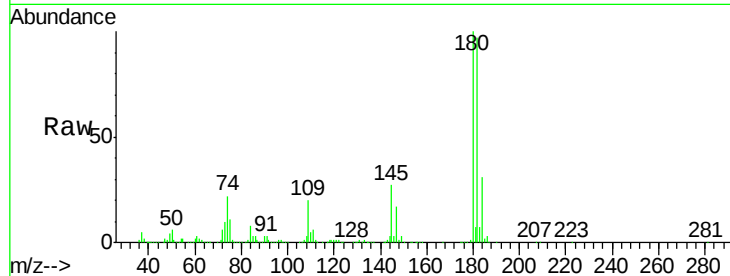




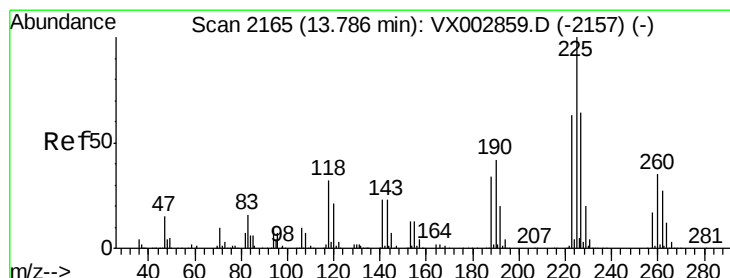
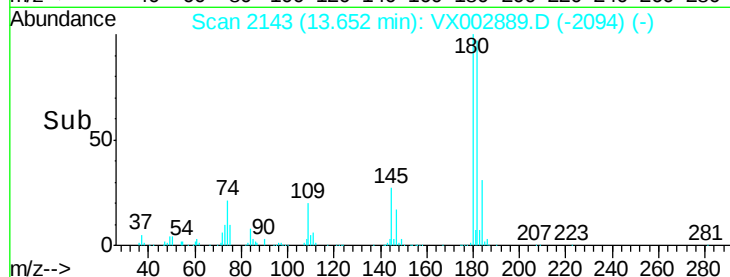
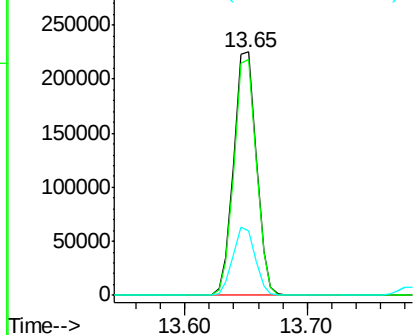
#93
 1,2,4-Trichlorobenzene
 Concen: 48.16 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 286405
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.7 143.1
 145 27.7 14.1 42.4

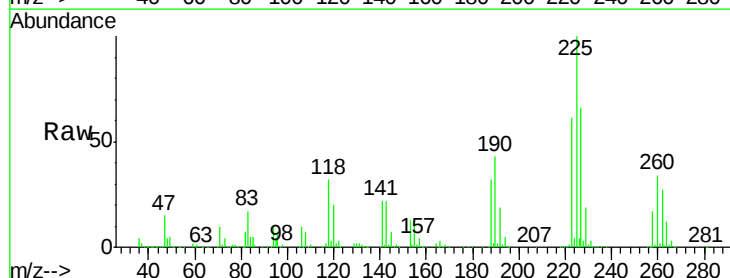


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

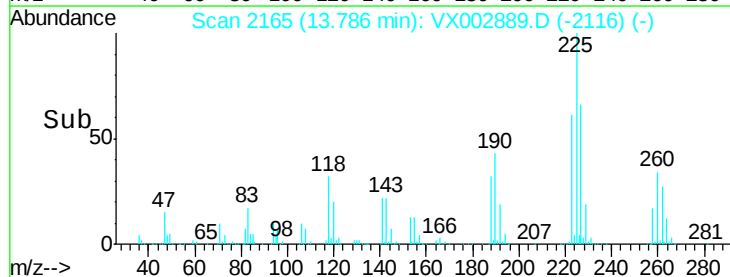
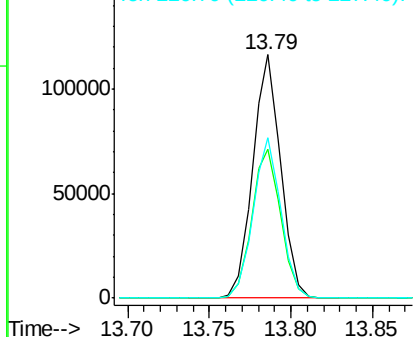


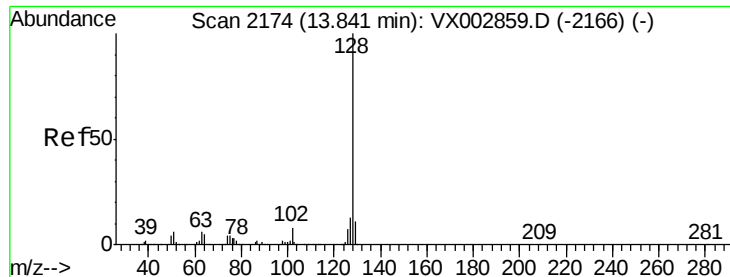
#94
 Hexachlorobutadiene
 Concen: 46.67 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002889.D
 Acq: 26 Jun 2018 04:45

Tgt Ion:225 Resp: 138433
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 95.0
 227 65.2 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.36 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

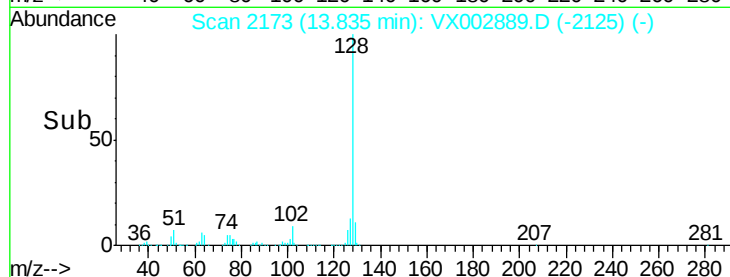
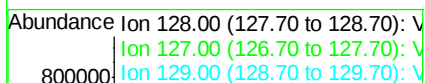
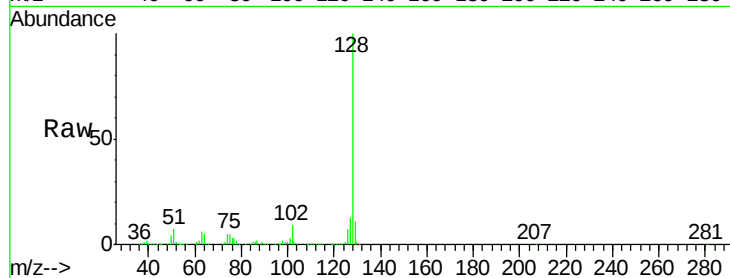
Instrument :

MSVOA_X

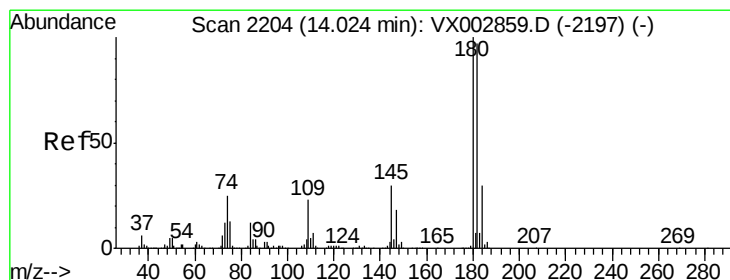
ClientSampleId :

Tot Ion:128 Resp: 813447

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 49.28 ug/l

RT: 14.02 min Scan# 2204

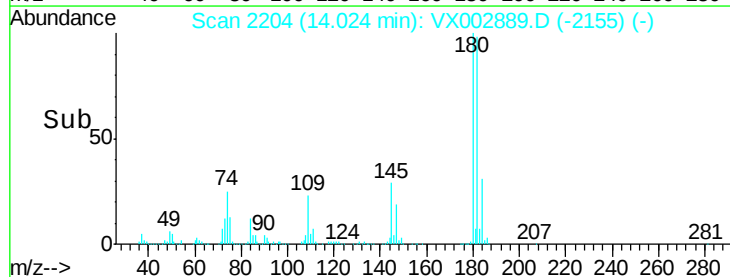
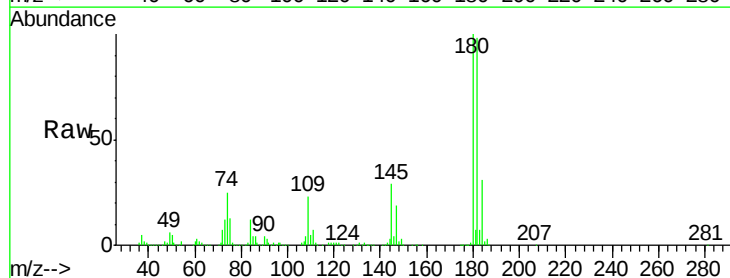
Delta R.T. 0.00 min

Lab File: VX002889.D

Acq: 26 Jun 2018 04:45

Tgt Ion:180 Resp: 292684

Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.0
145	29.5	14.8	44.3



Time-->