

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003445.D
 Acq On : 18 Jul 2018 14:15
 Operator : JC/MD
 Sample : J3965-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 01:39:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	588850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	937523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	838513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	497009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	375388	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.51	113	340215	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	
50) Toluene-d8	8.72	98	1307369	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	11.14	95	462911	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	168163	25.30	ug/l	96
3) Chloromethane	1.32	50	174046	24.20	ug/l	98
4) Vinyl Chloride	1.40	62	194059	24.76	ug/l	99
5) Bromomethane	1.64	94	78825	26.95	ug/l	99
6) Chloroethane	1.71	64	116569	25.74	ug/l	99
7) Trichlorofluoromethane	1.92	101	263203	25.31	ug/l	99
8) Diethyl Ether	2.19	74	114303	25.69	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	156134	23.77	ug/l	96
10) Methyl Iodide	2.51	142	189670	26.99	ug/l	93
11) Tert butyl alcohol	3.09	59	223696	128.99	ug/l	99
12) 1,1-Dichloroethene	2.37	96	154911	24.96	ug/l	89
13) Acrolein	2.29	56	71599	86.07	ug/l	98
14) Allyl chloride	2.73	41	264444	23.49	ug/l	86
15) Acrylonitrile	3.15	53	496809	125.04	ug/l	97
16) Acetone	2.45	43	427045	133.14	ug/l #	88
17) Carbon Disulfide	2.57	76	403878	23.71	ug/l	98
18) Methyl Acetate	2.78	43	216996	20.77	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	530239	25.73	ug/l	100
20) Methylene Chloride	2.85	84	176810	30.74	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	162704	24.27	ug/l	94
22) Diisopropyl ether	3.88	45	517256	23.68	ug/l	92
23) Vinyl Acetate	3.83	43	1408150	78.18	ug/l	95
24) 1,1-Dichloroethane	3.70	63	317841	25.65	ug/l	99
25) 2-Butanone	4.71	43	638244	127.15	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	88153	10.14	ug/l	84
27) cis-1,2-Dichloroethene	4.60	96	182961	25.37	ug/l	95
28) Bromochloromethane	5.02	49	139756	25.98	ug/l	88
29) Tetrahydrofuran	5.17	42	412314	129.52	ug/l	92
30) Chloroform	5.22	83	302500	26.50	ug/l	93
31) Cyclohexane	5.57	56	244654	25.57	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	254808	26.24	ug/l	98
36) 1,1-Dichloropropene	5.80	75	213548	22.49	ug/l	98
37) Ethyl Acetate	4.87	43	167756	15.68	ug/l #	94
38) Carbon Tetrachloride	5.79	117	222192	23.00	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231359	21.29	ug/l	95
40) Benzene	6.15	78	679856	23.54	ug/l	99
41) Methacrylonitrile	5.06	41	137928	23.44	ug/l	91
42) 1,2-Dichloroethane	6.21	62	230890	23.31	ug/l	95
43) Isopropyl Acetate	6.47	43	321570	19.92	ug/l	93
44) Trichloroethene	7.21	130	197390	23.59	ug/l	97
45) 1,2-Dichloropropane	7.52	63	177600	23.64	ug/l	100
46) Dibromomethane	7.67	93	113751	22.74	ug/l	97
47) Bromodichloromethane	7.90	83	212838	23.23	ug/l	98
48) Methyl methacrylate	7.78	41	193490	23.49	ug/l	87
49) 1,4-Dioxane	7.76	88	85898	455.43	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1259290	118.48	ug/l	91
52) Toluene	8.79	92	432405	23.91	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	233235	21.56	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	212370	21.51	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	179845	23.80	ug/l	98
56) Ethyl methacrylate	9.18	69	260034	24.31	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	292434	24.09	ug/l	100
59) 2-Hexanone	9.50	43	966215	118.32	ug/l	89
60) Dibromochloromethane	9.59	129	184315	24.55	ug/l	100
61) 1,2-Dibromoethane	9.68	107	186145	23.90	ug/l	99
64) Tetrachloroethene	9.34	164	208760	23.80	ug/l	97
65) Chlorobenzene	10.14	112	488810	24.68	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	178154	25.30	ug/l	99
67) Ethyl Benzene	10.26	91	808231	24.96	ug/l	100
68) m/p-Xylenes	10.36	106	634645	50.68	ug/l	96
69) o-Xylene	10.70	106	303445	25.23	ug/l	96
70) Styrene	10.71	104	498549	25.18	ug/l	97
71) Bromoform	10.86	173	140958	24.89	ug/l	99
73) Isopropylbenzene	11.02	105	800720	25.16	ug/l	100
74) N-amyl acetate	6.47	43	321570	21.01	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	256702	24.44	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	277549	30.85	ug/l	81
77) Bromobenzene	11.26	156	224106	24.79	ug/l	99
78) n-propylbenzene	11.36	91	902025	25.37	ug/l	99
79) 2-Chlorotoluene	11.43	91	548252	25.15	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	676398	26.02	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	54416	19.65	ug/l	93
82) 4-Chlorotoluene	11.51	91	647320	25.45	ug/l	98
83) tert-Butylbenzene	11.77	119	670720	26.40	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	698565	26.16	ug/l	97
85) sec-Butylbenzene	11.95	105	781406	25.35	ug/l	100
86) p-Isopropyltoluene	12.07	119	700362	25.53	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	407057	24.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	411582	24.50	ug/l	99
89) n-Butylbenzene	12.39	91	571694	24.46	ug/l	98
90) Hexachloroethane	12.60	117	108030	25.99	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	430779	25.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56092	25.67	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	287243	25.27	ug/l	100

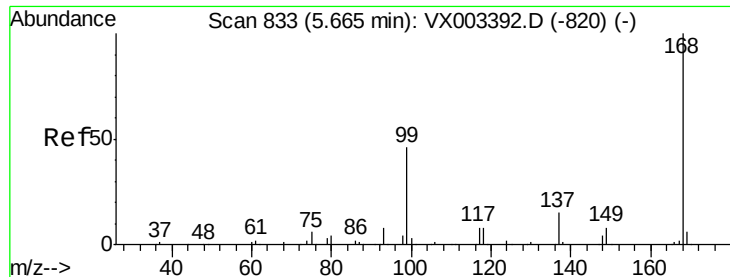
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	122066	22.30	ug/l	99
95) Naphthalene	13.83	128	872369	26.77	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	289652	24.77	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

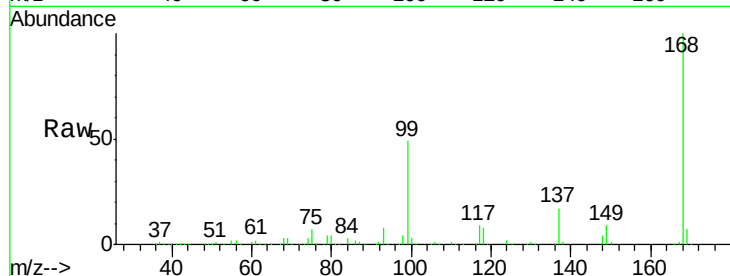
ClientSampleId :

Tot Ion:168 Resp: 588850

Ion Ratio Lower Upper

168 100

99 48.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

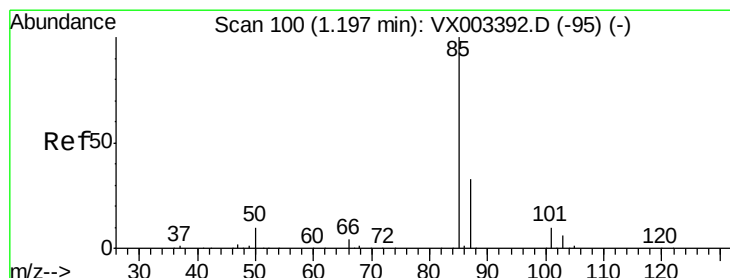
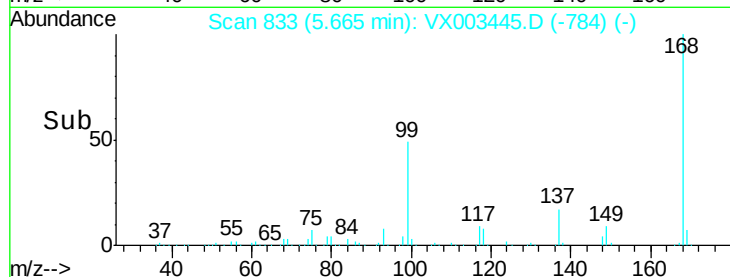
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 25.30 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003445.D

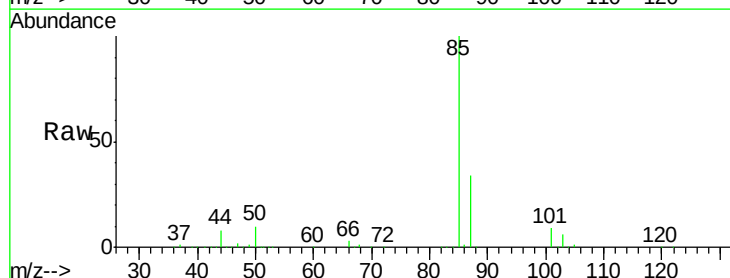
Acq: 18 Jul 2018 14:15

Tgt Ion: 85 Resp: 168163

Ion Ratio Lower Upper

85 100

87 34.3 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

200000

150000

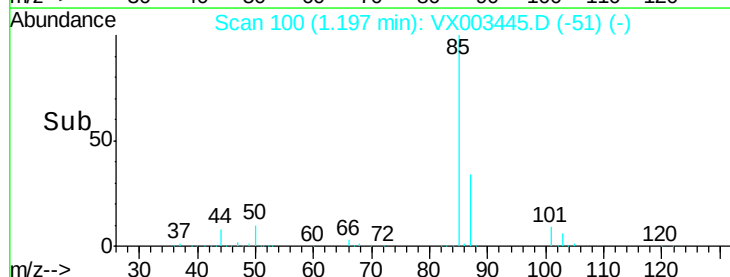
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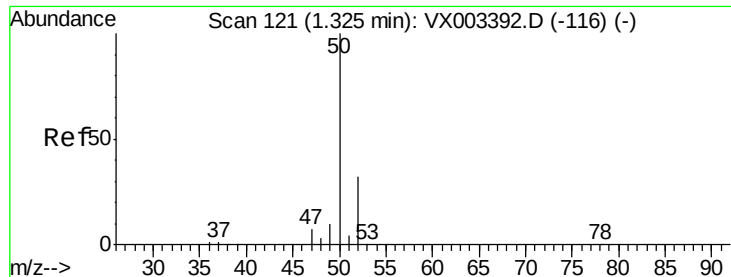
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 24.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

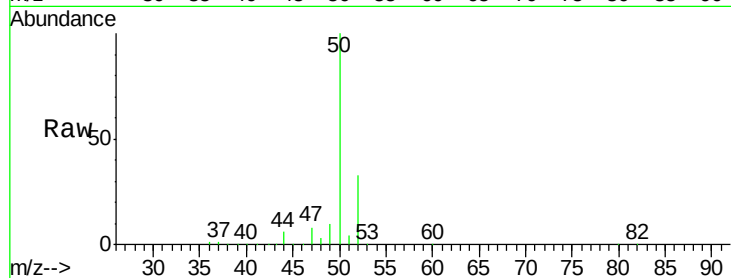
ClientSampleId :

Tot Ion: 50 Resp: 174046

Ion Ratio Lower Upper

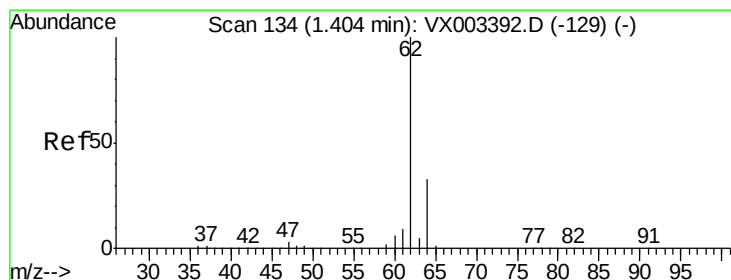
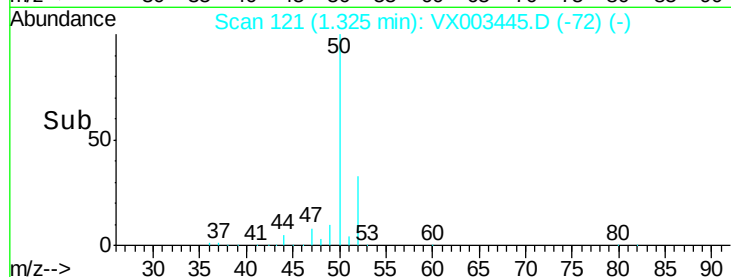
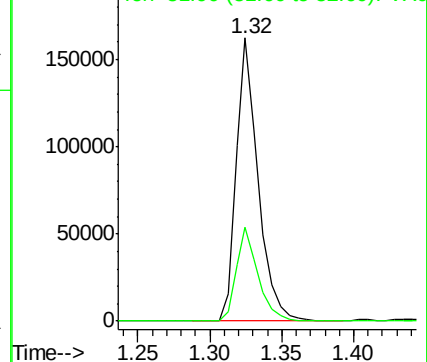
50 100

52 33.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 24.76 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003445.D

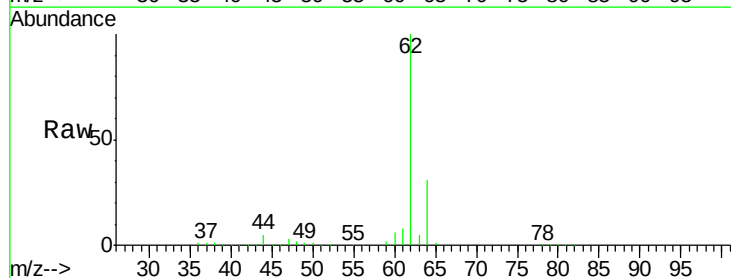
Acq: 18 Jul 2018 14:15

Tgt Ion: 62 Resp: 194059

Ion Ratio Lower Upper

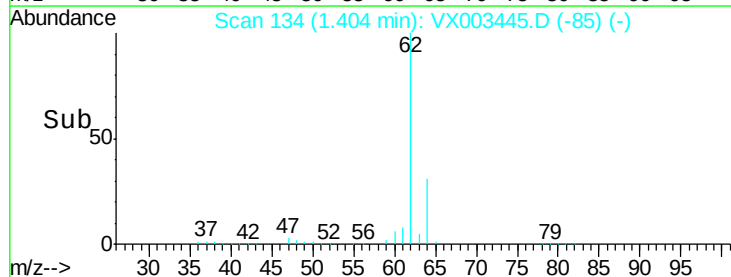
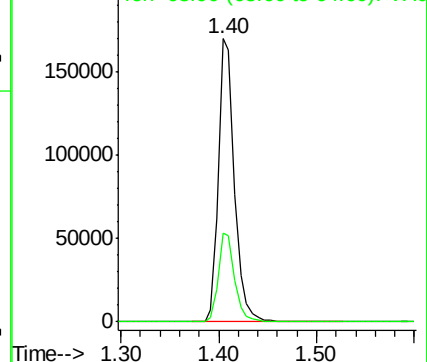
62 100

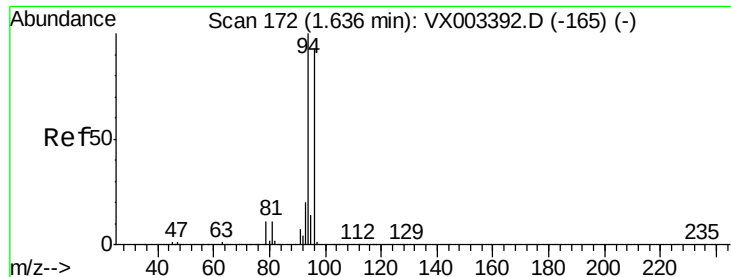
64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 26.95 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

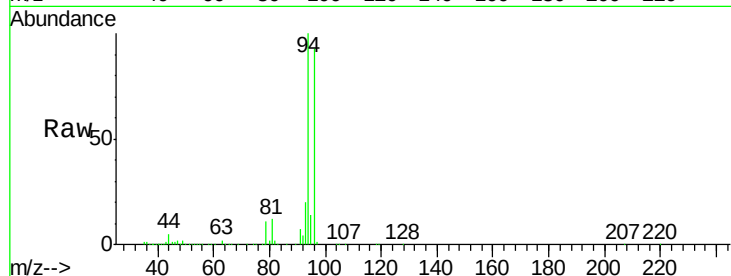
ClientSampleId :

Tot Ion: 94 Resp: 78825

Ion Ratio Lower Upper

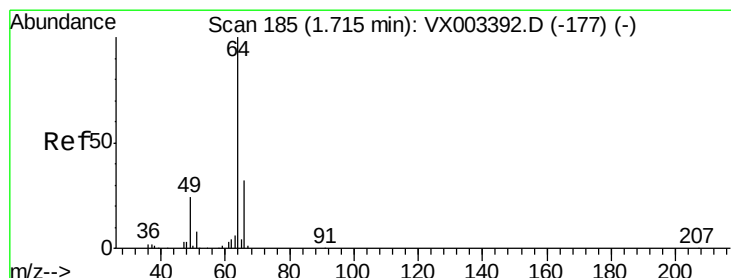
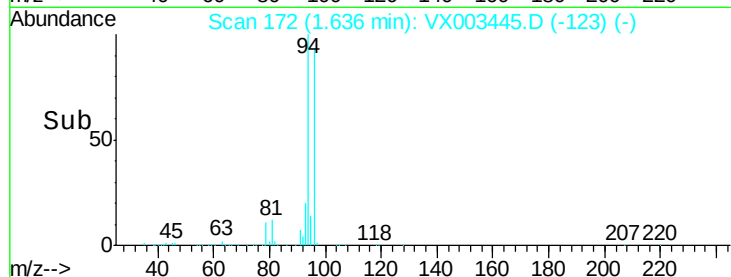
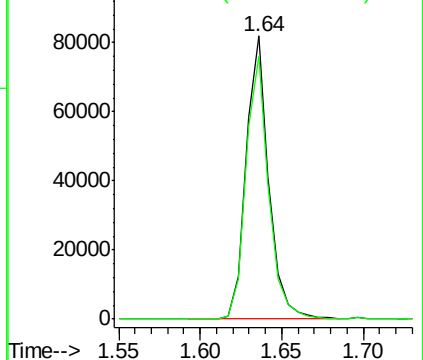
94 100

96 92.8 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: 25.74 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003445.D

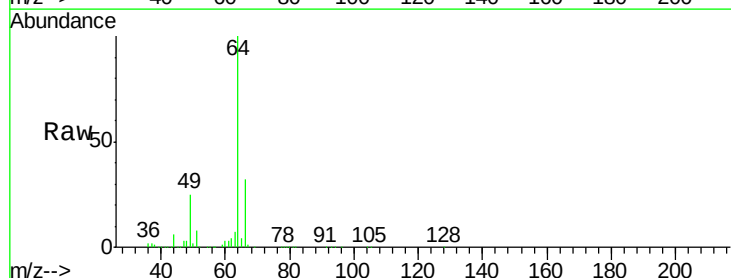
Acq: 18 Jul 2018 14:15

Tgt Ion: 64 Resp: 116569

Ion Ratio Lower Upper

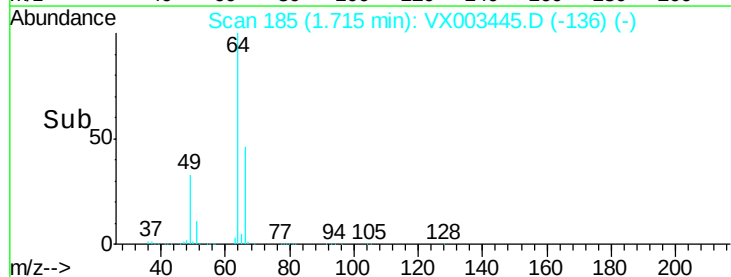
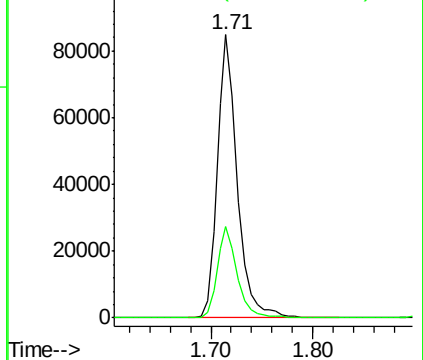
64 100

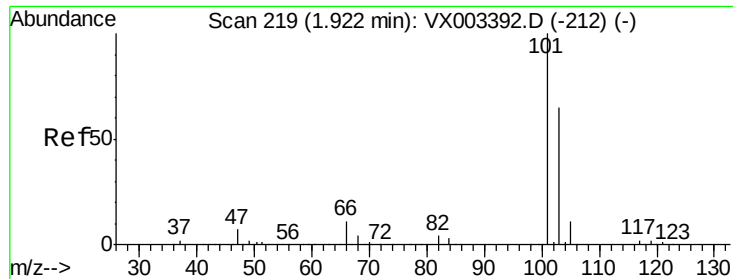
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



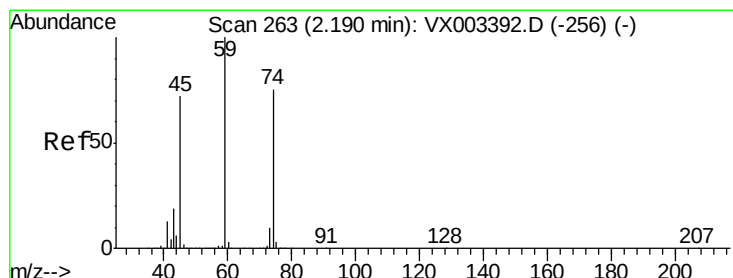
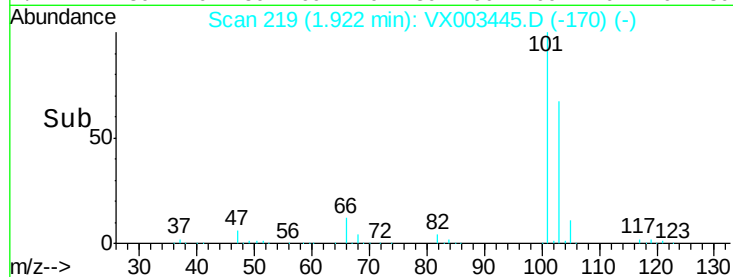
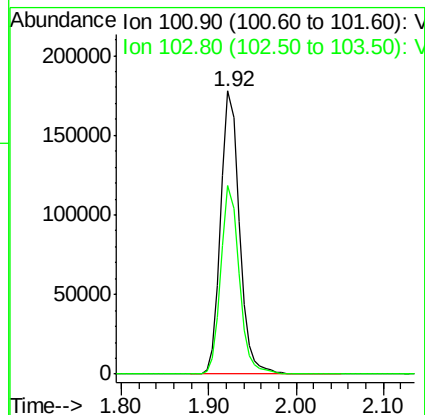
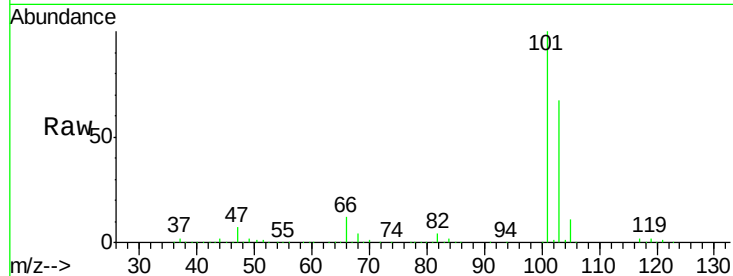


#7

Trichlorofluoromethane
Concen: 25.31 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :

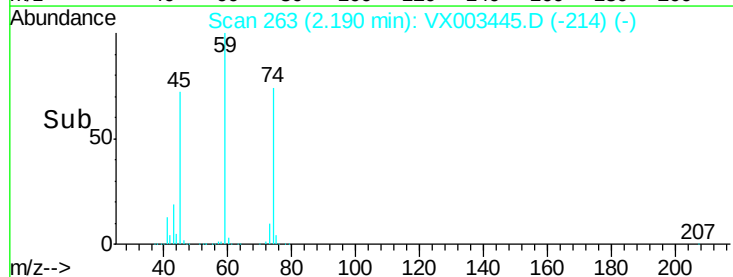
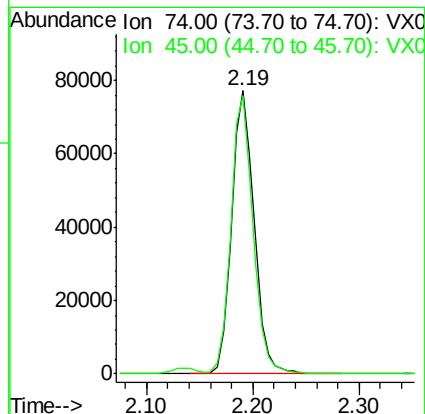
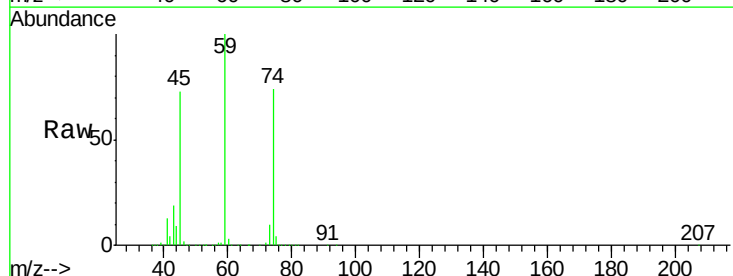
Tot Ion:101 Resp: 263203
Ion Ratio Lower Upper
101 100
103 66.5 52.8 79.2

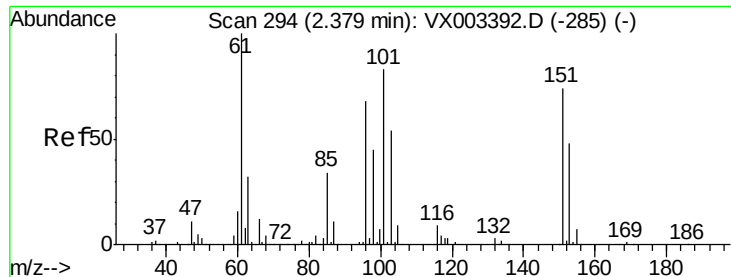


#8

Diethyl Ether
Concen: 25.69 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion: 74 Resp: 114303
Ion Ratio Lower Upper
74 100
45 96.4 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.77 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

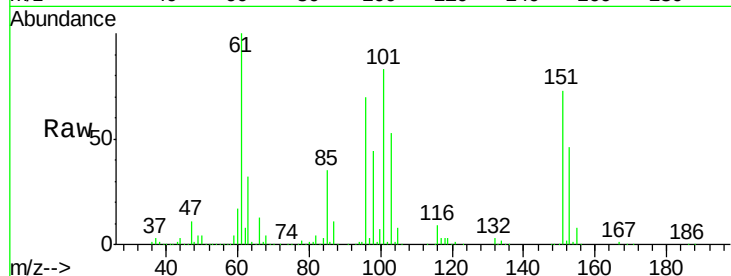
Tot Ion:101 Resp: 156134

Ion Ratio Lower Upper

101 100

85 41.5 36.0 54.0

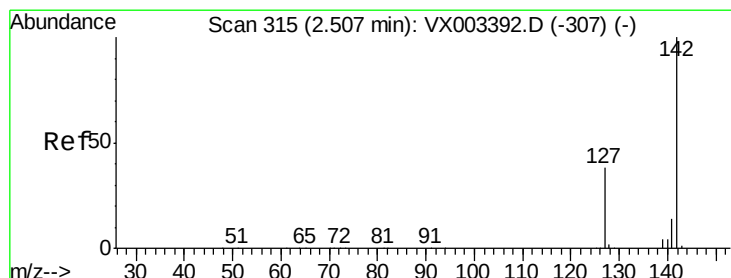
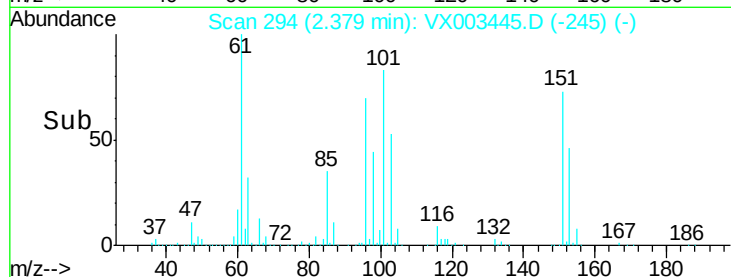
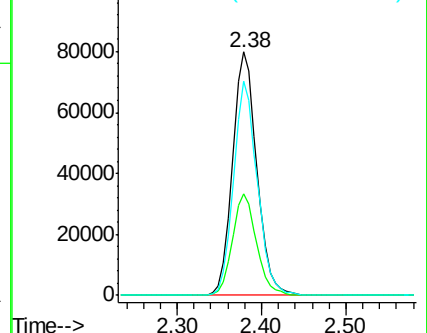
151 86.1 70.9 106.3



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: 26.99 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

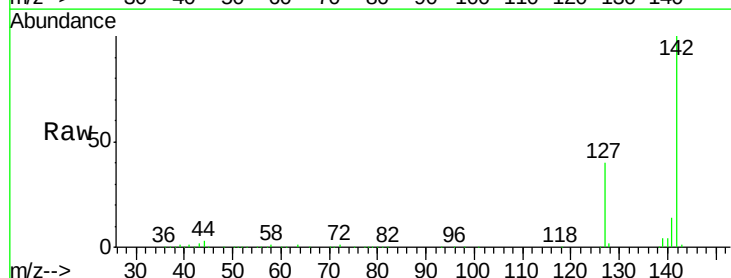
Tgt Ion:142 Resp: 189670

Ion Ratio Lower Upper

142 100

127 40.0 36.6 55.0

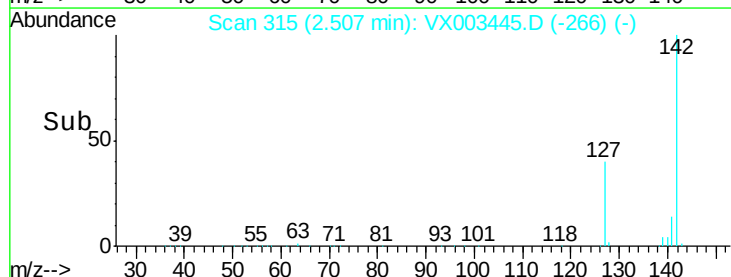
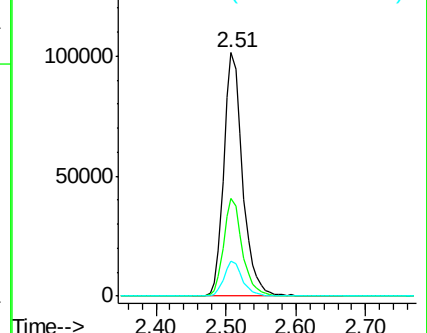
141 14.1 11.3 16.9

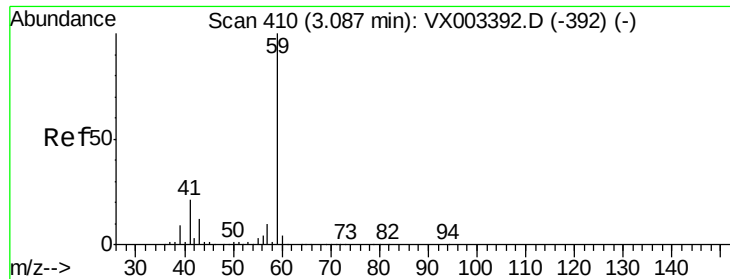


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

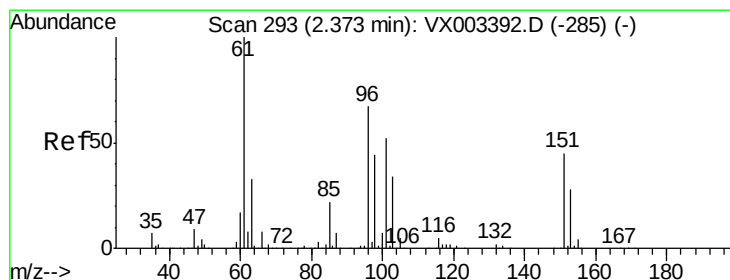
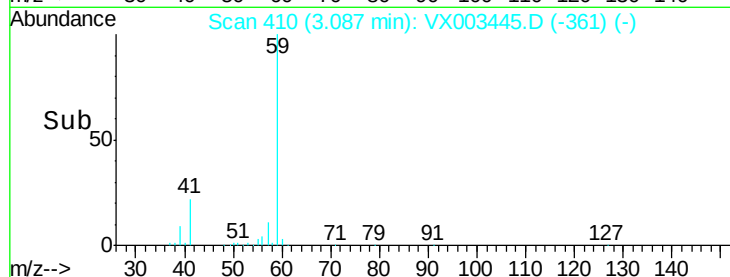
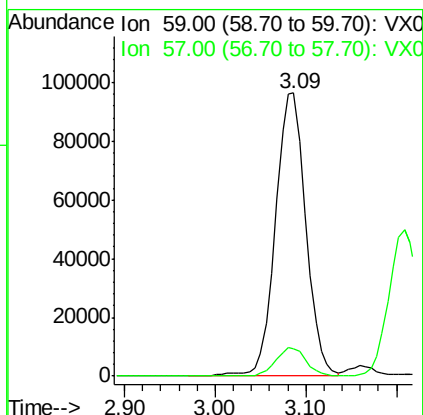
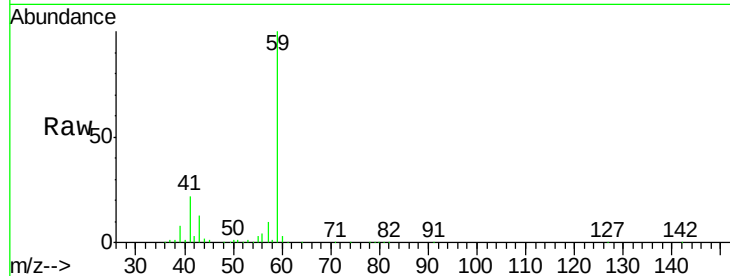




#11
Tert butyl alcohol
Concen: 128.99 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

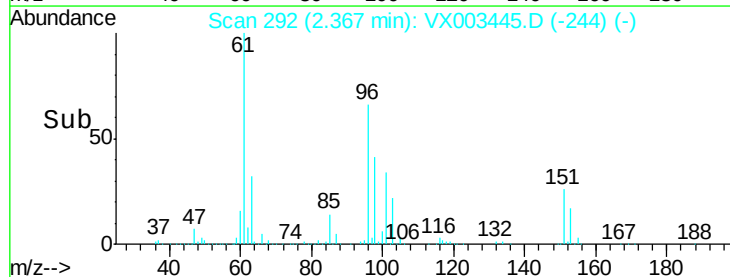
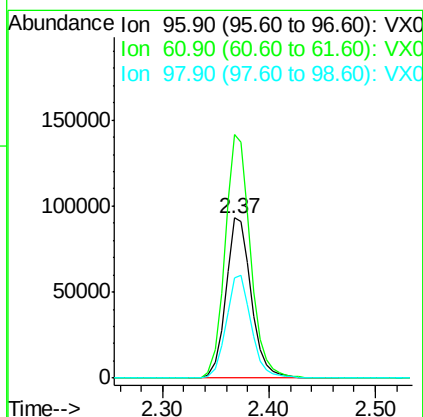
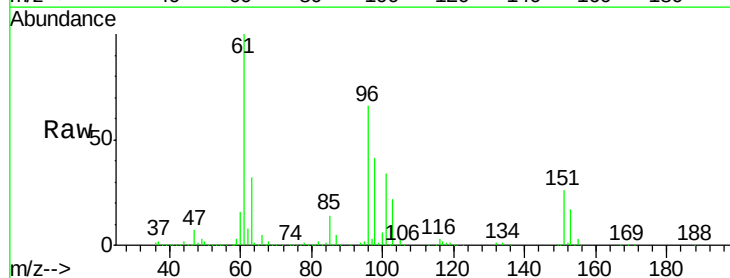
Instrument :
MSVOA_X
ClientSampled :

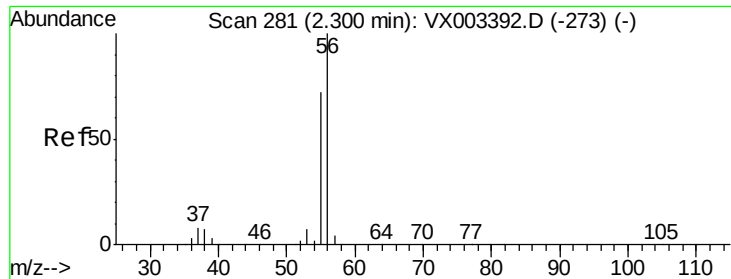
Tot Ion: 59 Resp: 223696
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 24.96 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion: 96 Resp: 154911
Ion Ratio Lower Upper
96 100
61 152.1 137.9 206.9
98 62.4 51.6 77.4





#13

Acrolein

Concen: 86.07 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

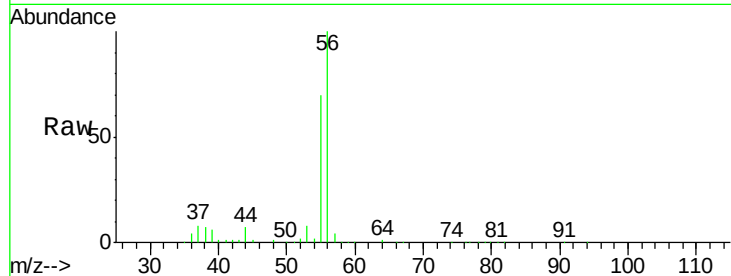
ClientSampleId :

Tot Ion: 56 Resp: 71599

Ion Ratio Lower Upper

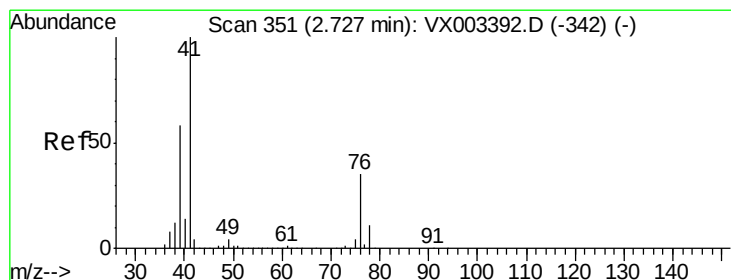
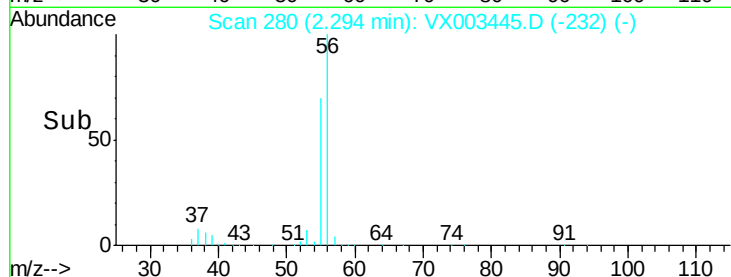
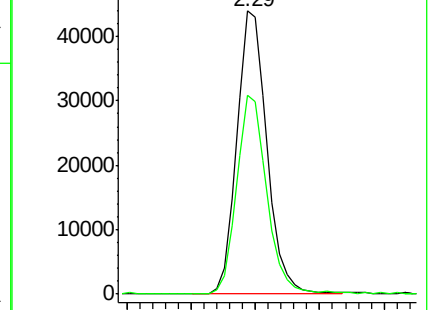
56 100

55 69.3 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 23.49 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

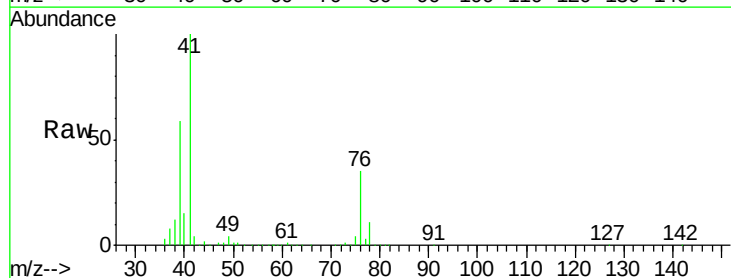
Tgt Ion: 41 Resp: 264444

Ion Ratio Lower Upper

41 100

39 56.9 56.8 85.2

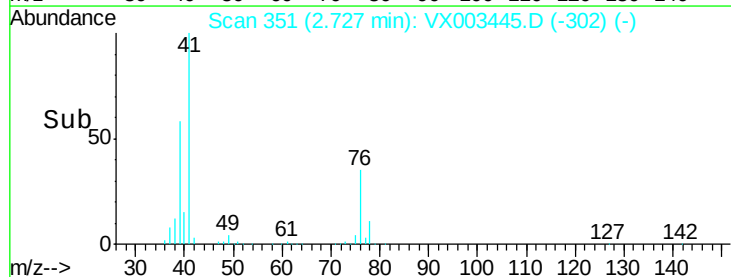
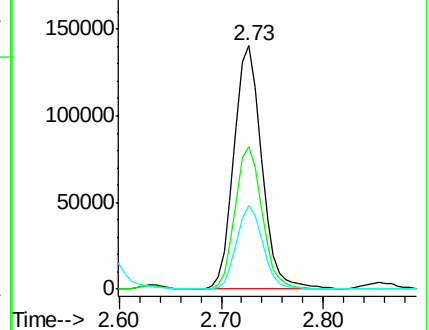
76 32.5 23.8 35.8

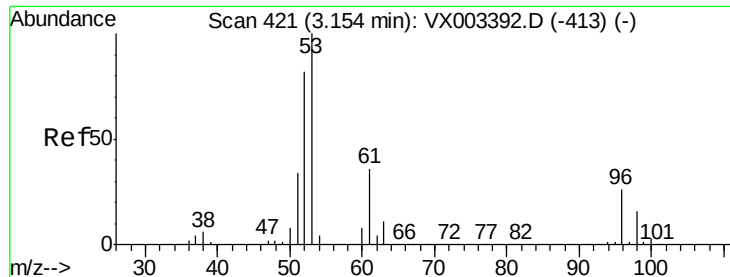


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

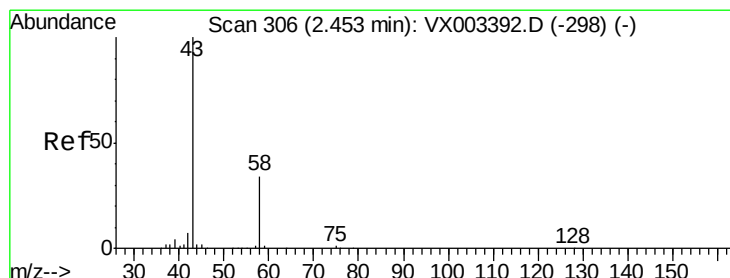
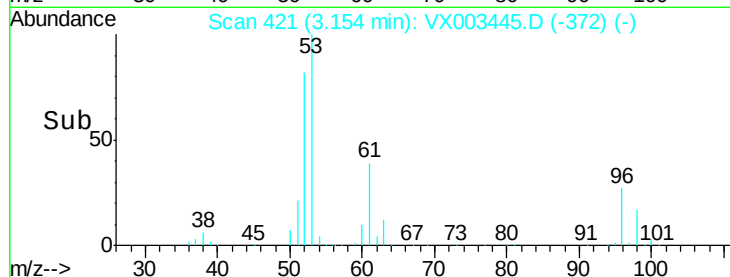
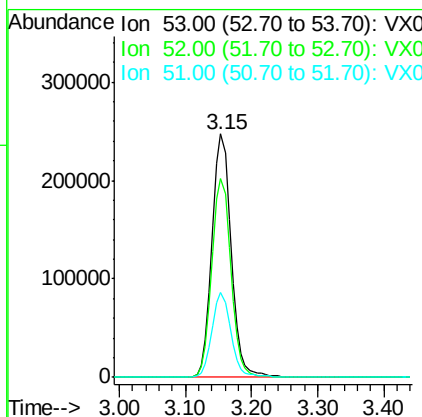
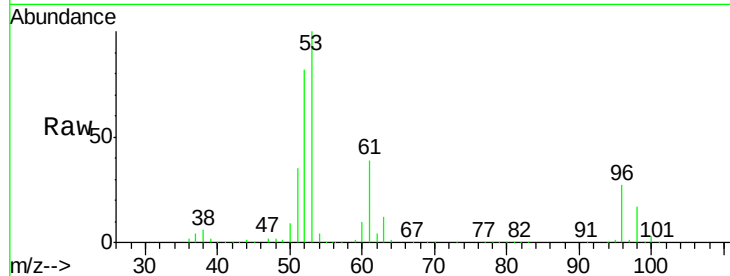




#15
 Acrylonitrile
 Concen: 125.04 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

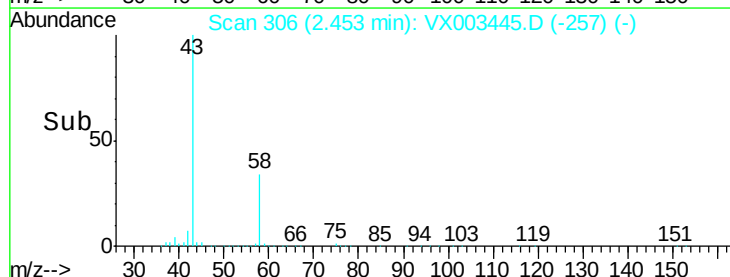
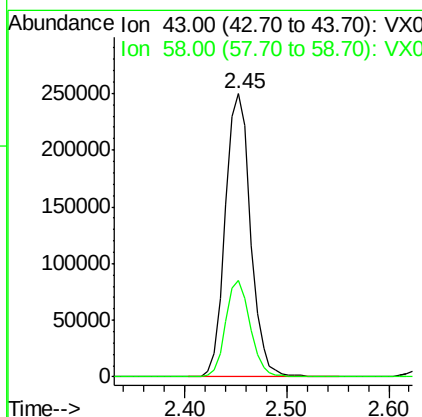
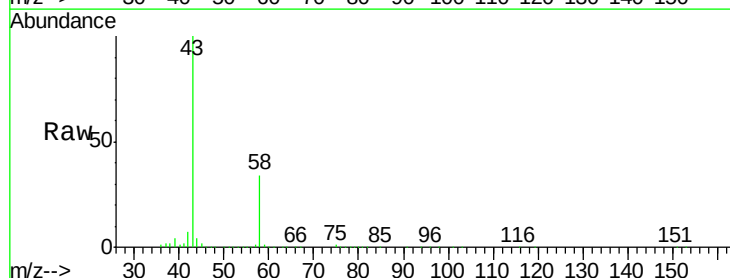
Instrument :
 MSVOA_X
 ClientSampleId :

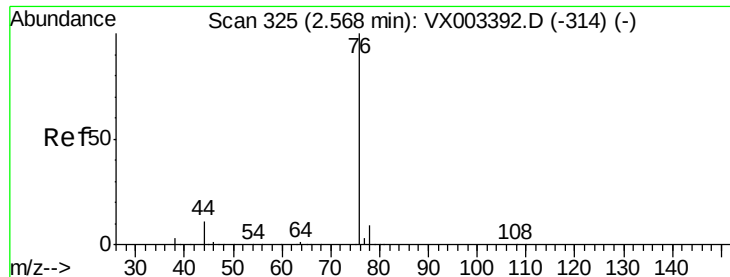
Tot Ion: 53 Resp: 496809
 Ion Ratio Lower Upper
 53 100
 52 81.7 66.7 100.1
 51 34.9 29.9 44.9



#16
 Acetone
 Concen: 133.14 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

Tgt Ion: 43 Resp: 427045
 Ion Ratio Lower Upper
 43 100
 58 33.9 22.1 33.1#





#17

Carbon Disulfide

Concen: 23.71 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

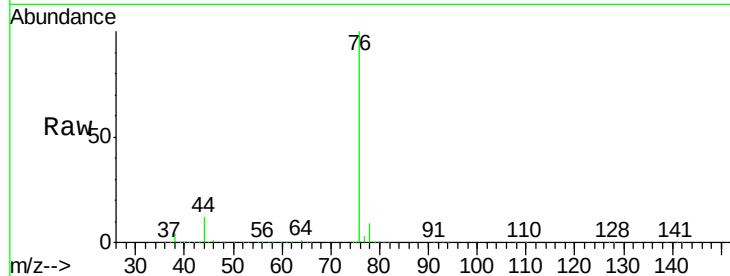
ClientSampled :

Tot Ion: 76 Resp: 403878

Ion Ratio Lower Upper

76 100

78 9.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

250000

200000

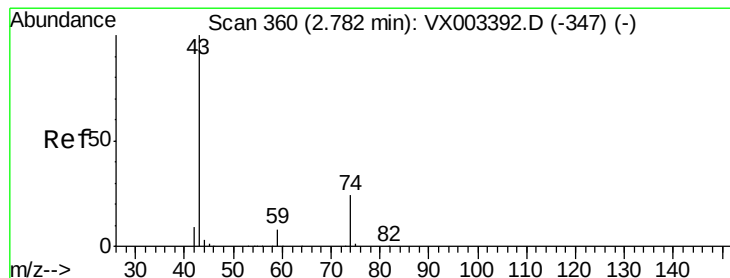
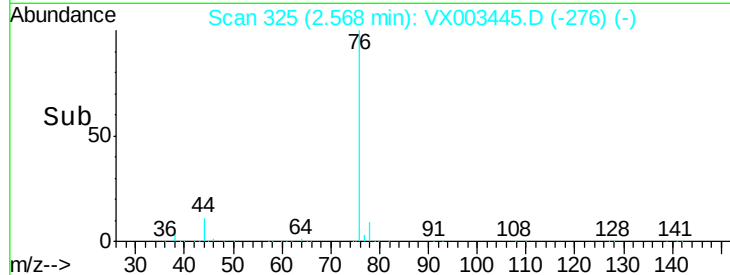
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.77 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003445.D

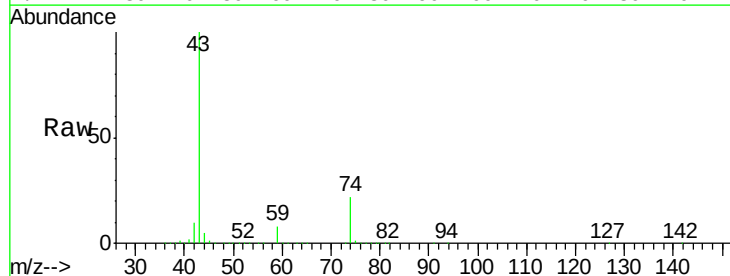
Acq: 18 Jul 2018 14:15

Tgt Ion: 43 Resp: 216996

Ion Ratio Lower Upper

43 100

74 23.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

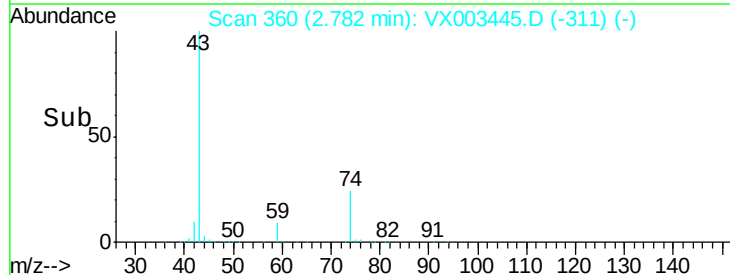
150000

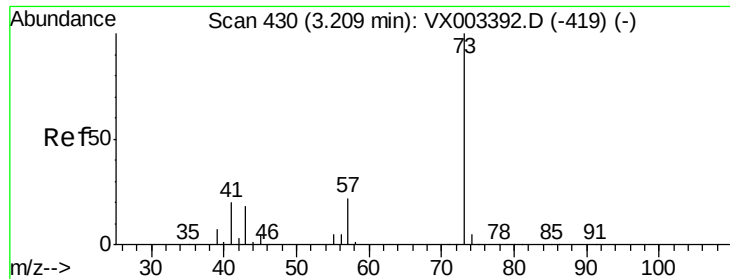
100000

50000

0

Time-->

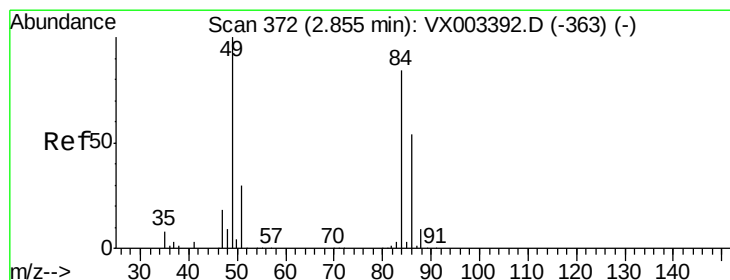
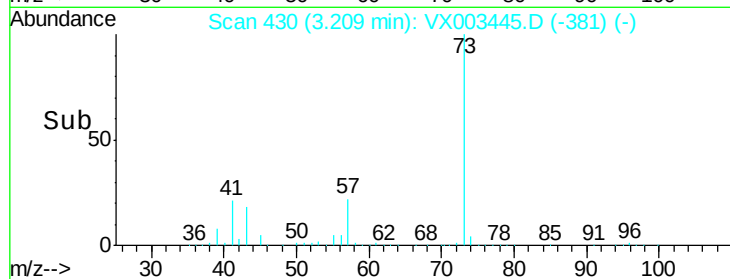
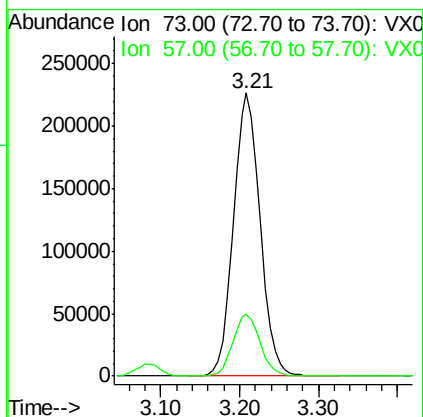
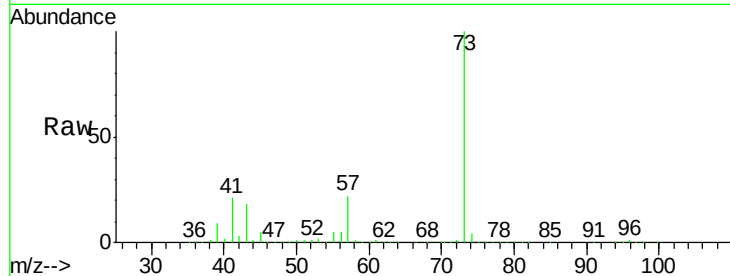




#19
Methyl tert-butyl Ether
Concen: 25.73 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

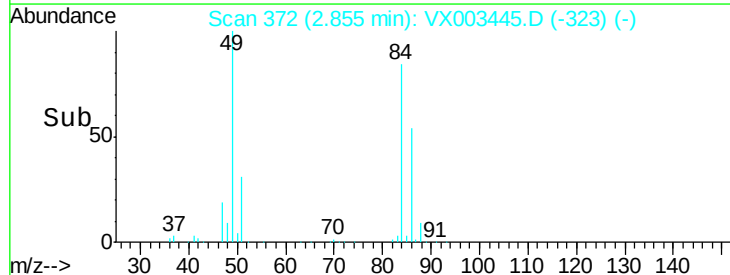
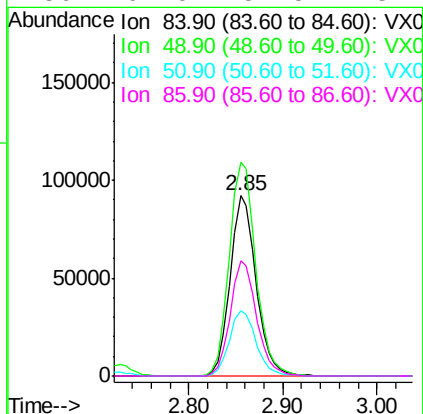
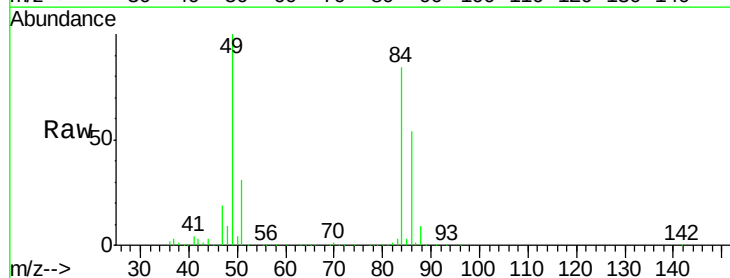
Instrument :
MSVOA_X
ClientSampled :

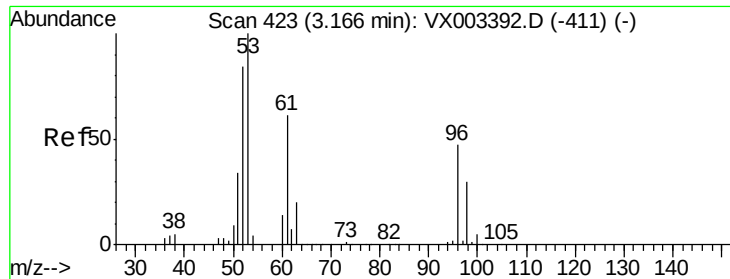
Tot Ion: 73 Resp: 530239
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 30.74 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion: 84 Resp: 176810
Ion Ratio Lower Upper
84 100
49 118.5 107.8 161.6
51 36.2 32.8 49.2
86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 24.27 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

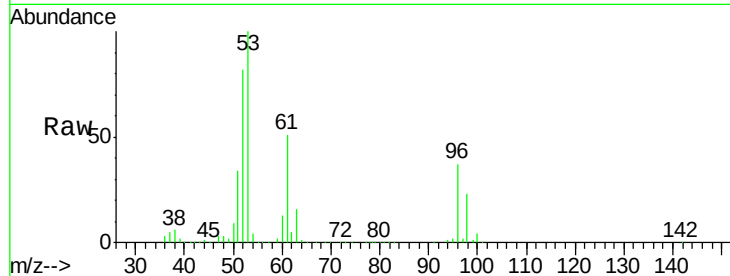
Tot Ion: 96 Resp: 162704

Ion Ratio Lower Upper

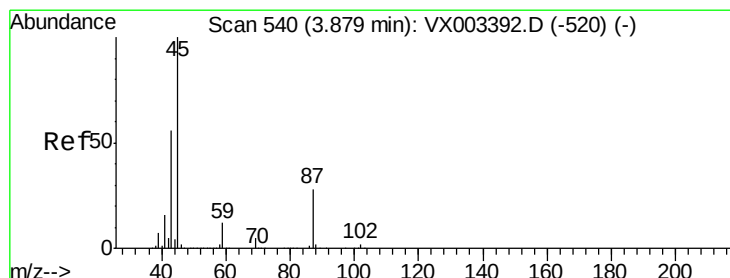
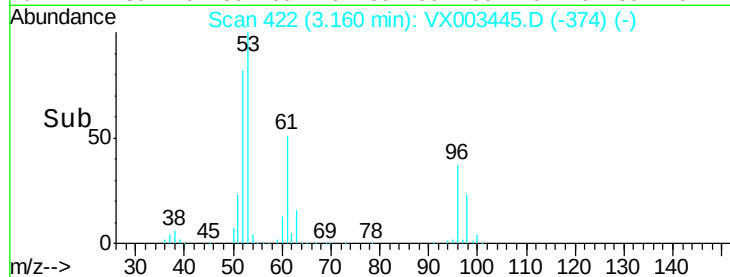
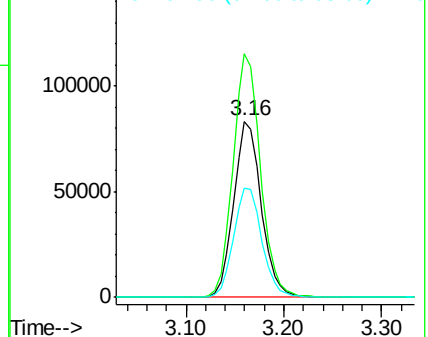
96 100

61 138.2 117.0 175.4

98 62.1 52.4 78.6



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



#22

Diisopropyl ether

Concen: 23.68 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Tgt Ion: 45 Resp: 517256

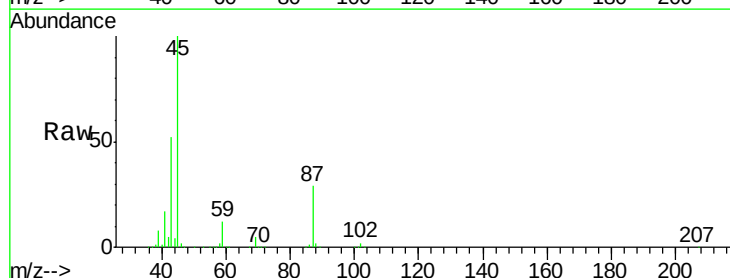
Ion Ratio Lower Upper

45 100

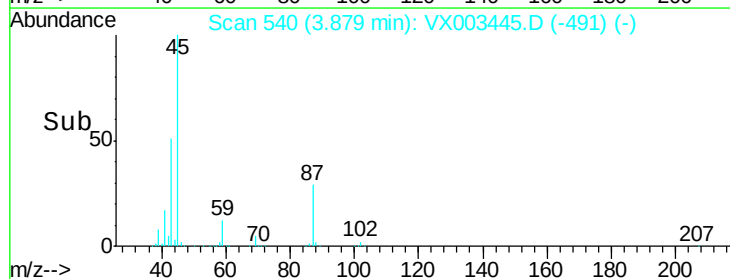
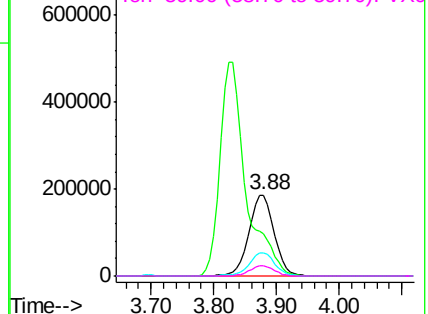
43 51.5 46.8 70.2

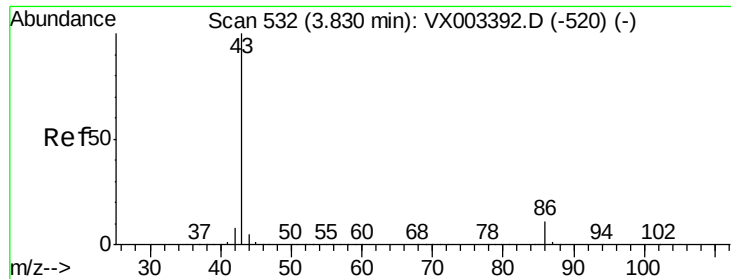
87 28.7 20.2 30.4

59 12.0 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: 78.18 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

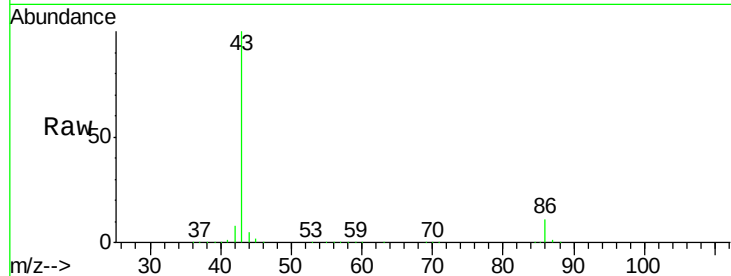
ClientSampled :

Tot Ion: 43 Resp: 1408150

Ion Ratio Lower Upper

43 100

86 10.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

500000

400000

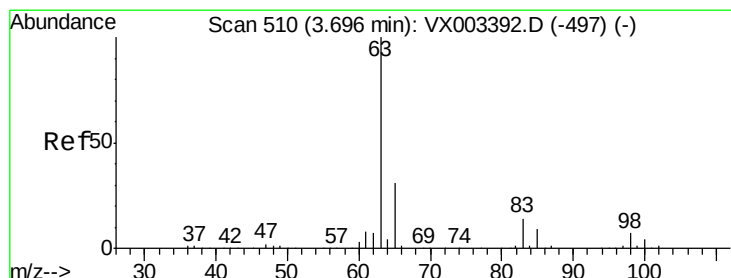
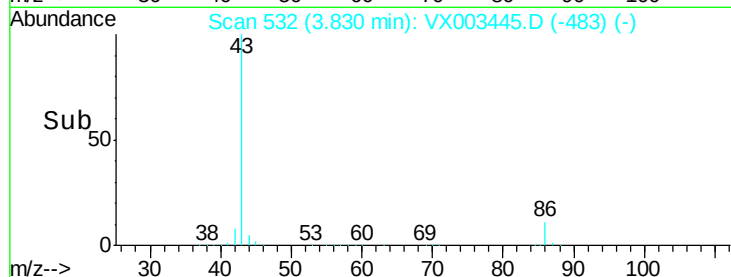
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 25.65 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

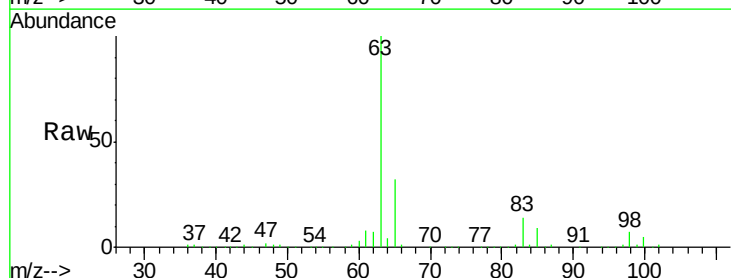
Tgt Ion: 63 Resp: 317841

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

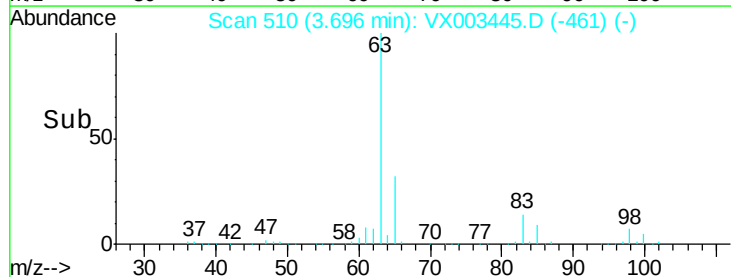
150000

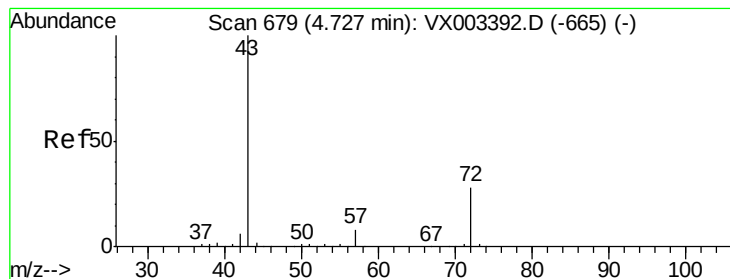
100000

50000

0

Time-->





#25

2-Butanone

Concen: 127.15 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

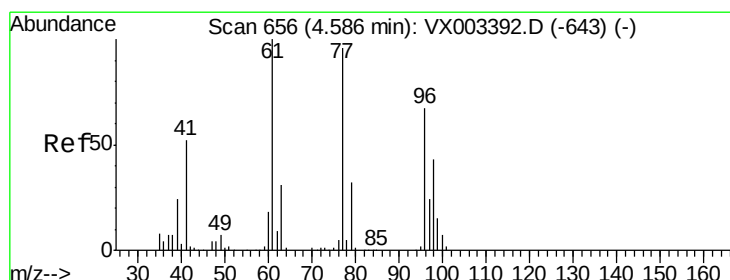
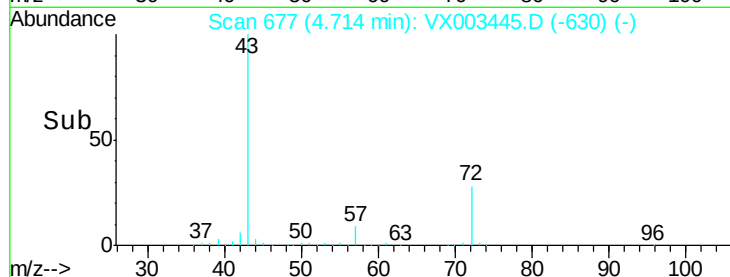
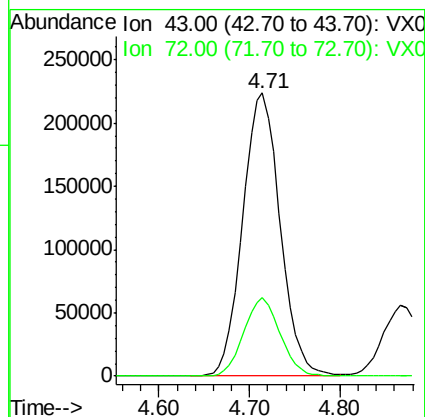
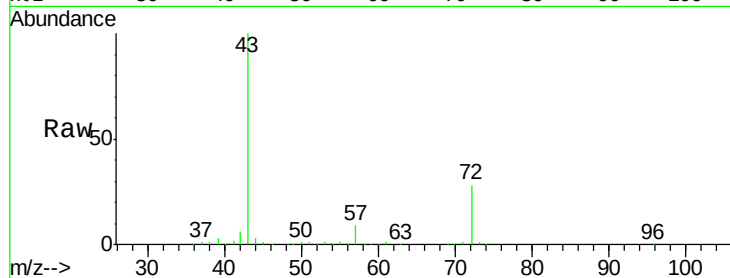
ClientSampled :

Tot Ion: 43 Resp: 638244

Ion Ratio Lower Upper

43 100

72 27.8 18.5 27.7#



#26

2,2-Dichloropropane

Concen: 10.14 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003445.D

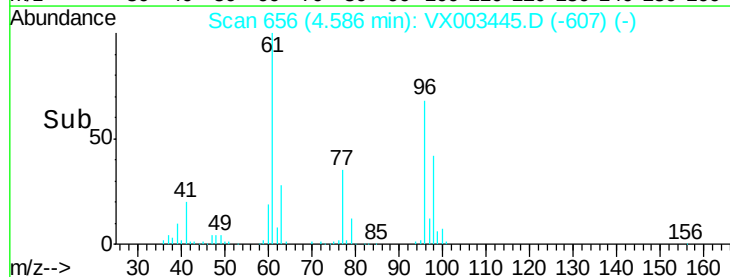
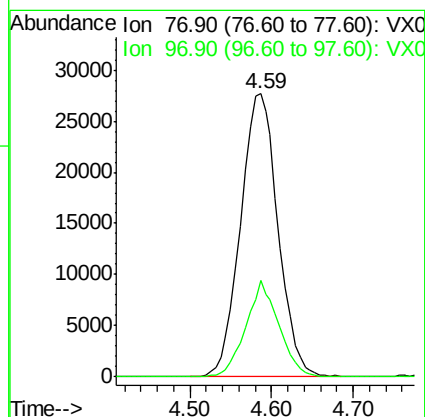
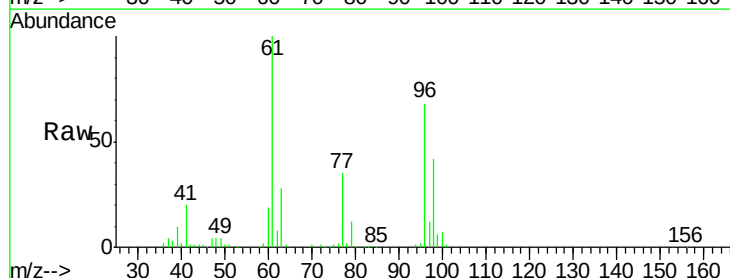
Acq: 18 Jul 2018 14:15

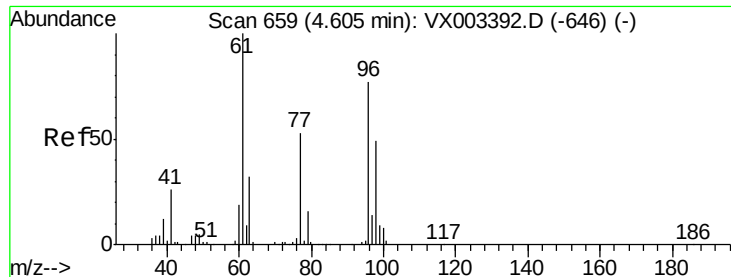
Tgt Ion: 77 Resp: 88153

Ion Ratio Lower Upper

77 100

97 30.0 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 25.37 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

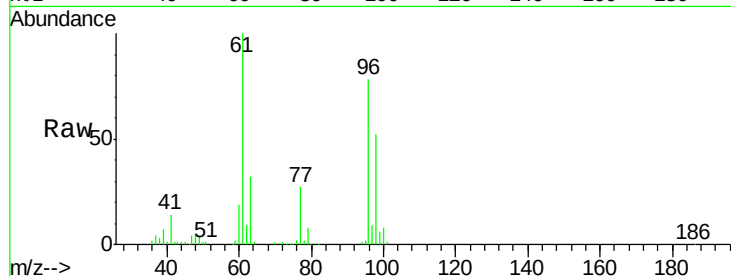
Tot Ion: 96 Resp: 182961

Ion Ratio Lower Upper

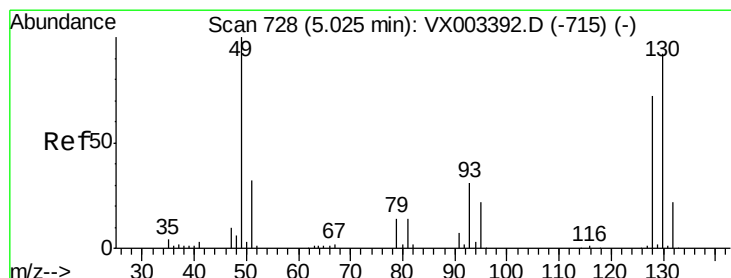
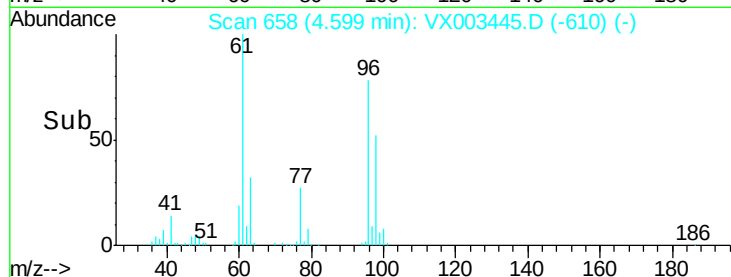
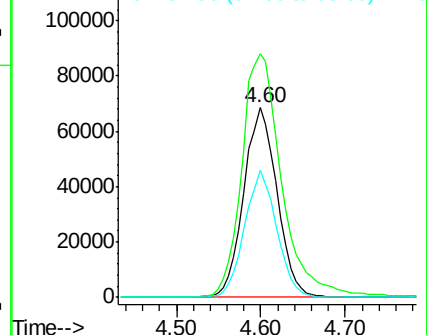
96 100

61 155.4 0.0 330.2

98 64.9 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: 25.98 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

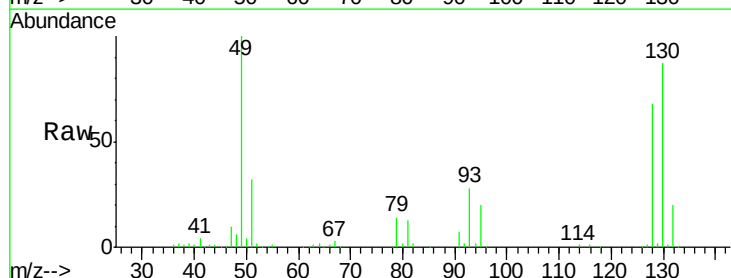
Tgt Ion: 49 Resp: 139756

Ion Ratio Lower Upper

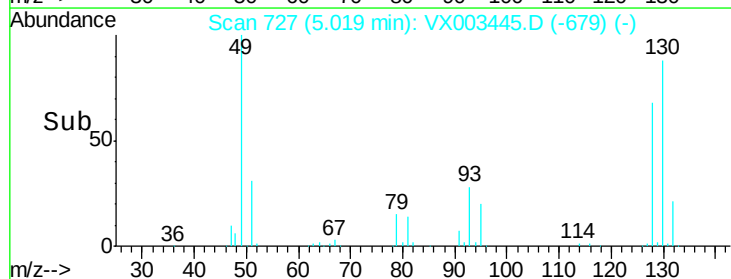
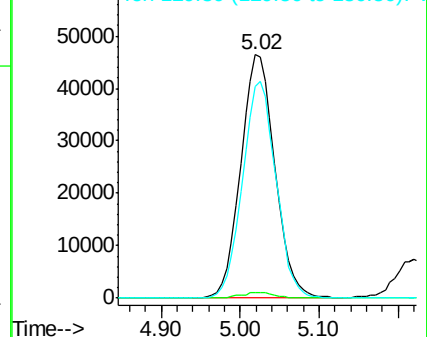
49 100

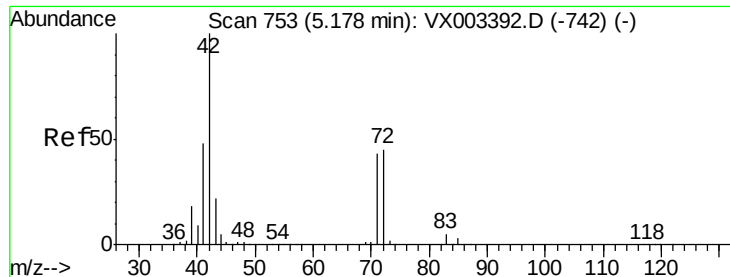
129 2.2 0.0 4.2

130 87.4 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: 129.52 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

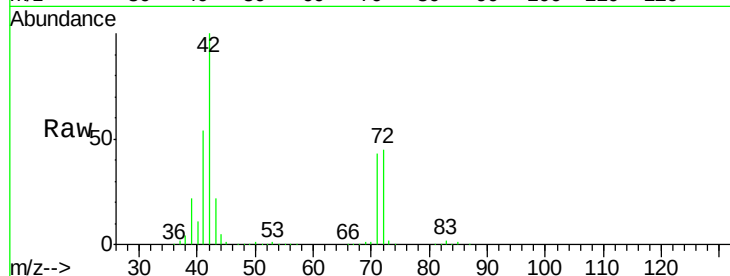
Tot Ion: 42 Resp: 412314

Ion Ratio Lower Upper

42 100

72 45.1 32.0 48.0

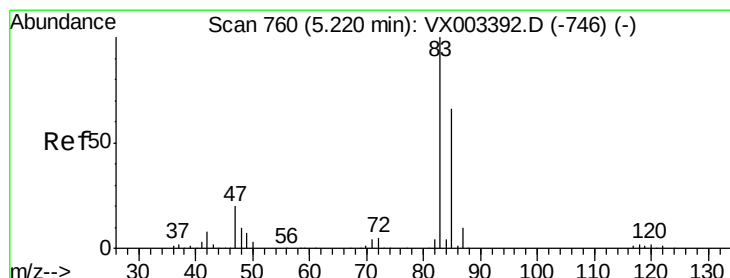
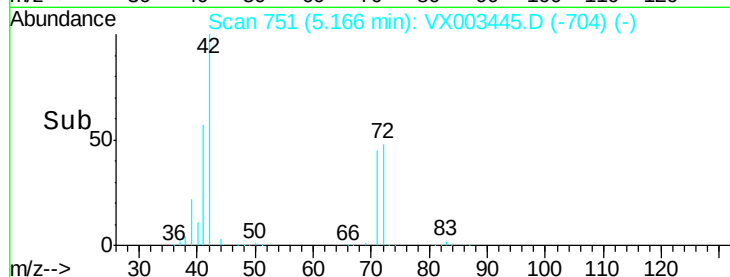
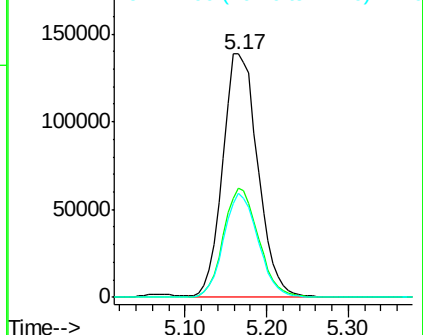
71 42.0 30.1 45.1



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: 26.50 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003445.D

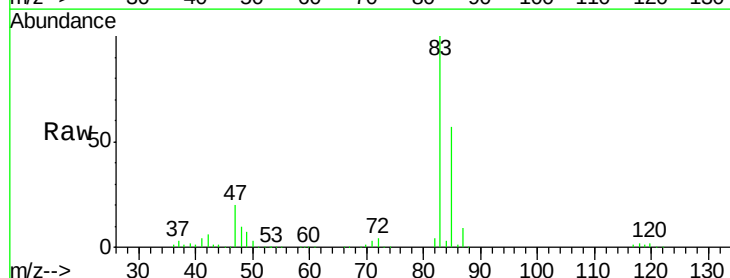
Acq: 18 Jul 2018 14:15

Tgt Ion: 83 Resp: 302500

Ion Ratio Lower Upper

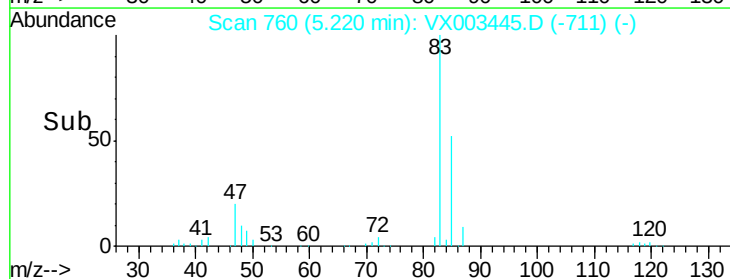
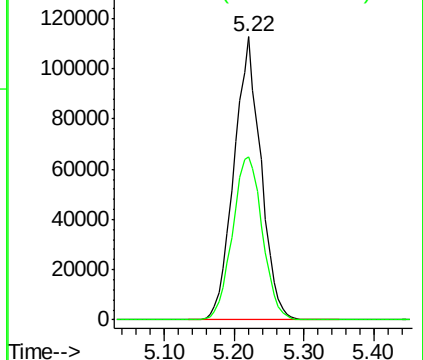
83 100

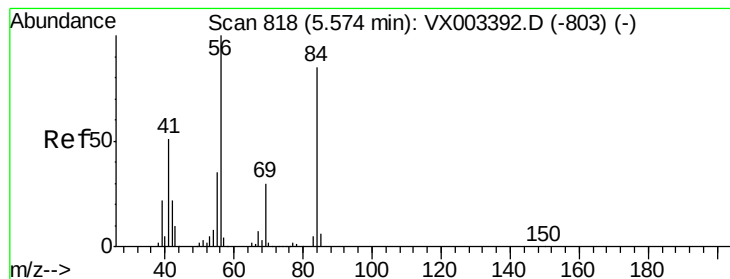
85 57.5 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 25.57 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

ClientSampled :

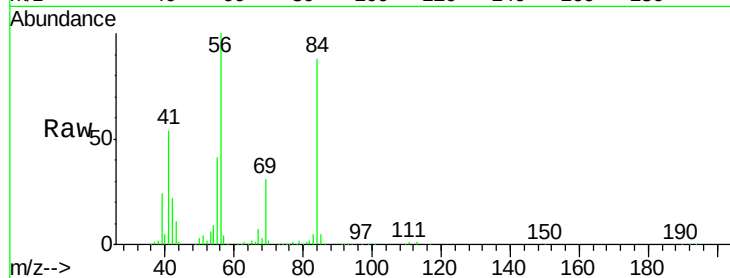
Tot Ion: 56 Resp: 244654

Ion Ratio Lower Upper

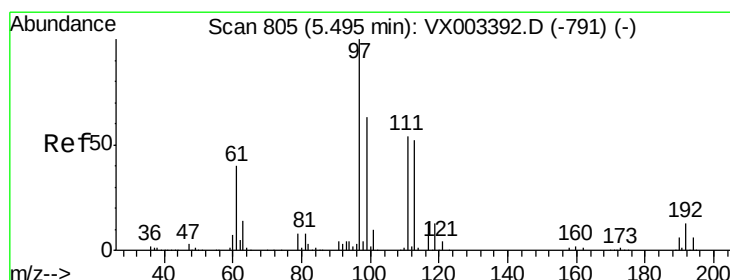
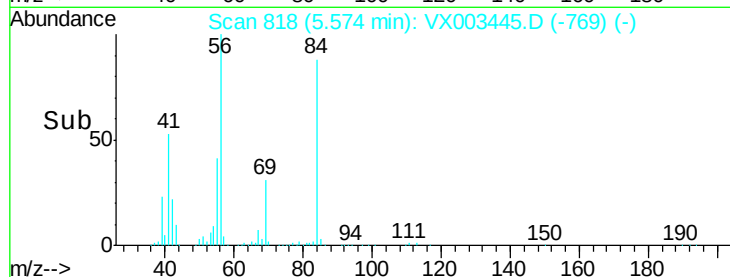
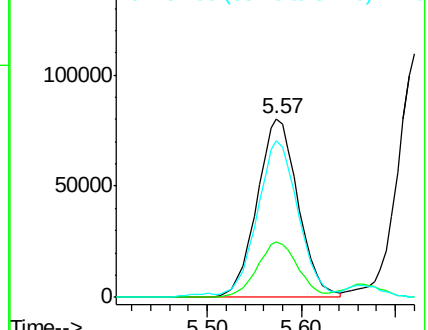
56 100

69 31.4 23.7 35.5

84 86.6 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 26.24 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

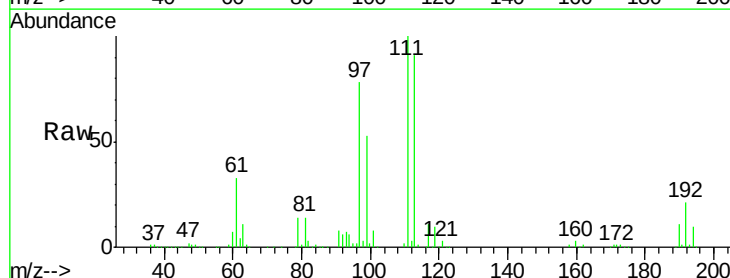
Tgt Ion: 97 Resp: 254808

Ion Ratio Lower Upper

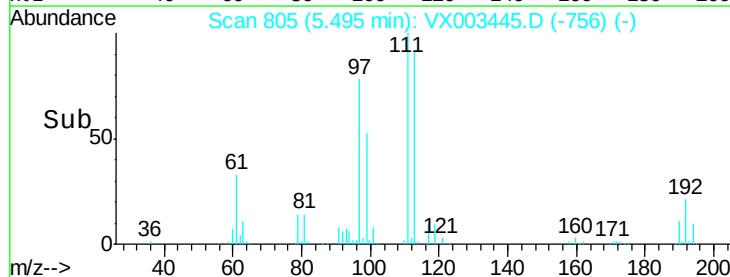
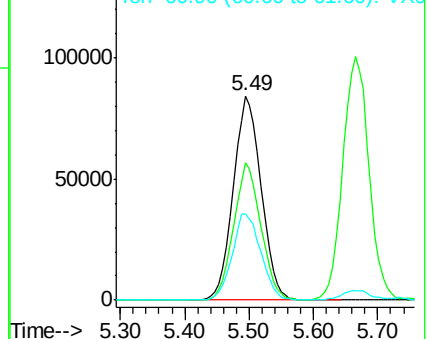
97 100

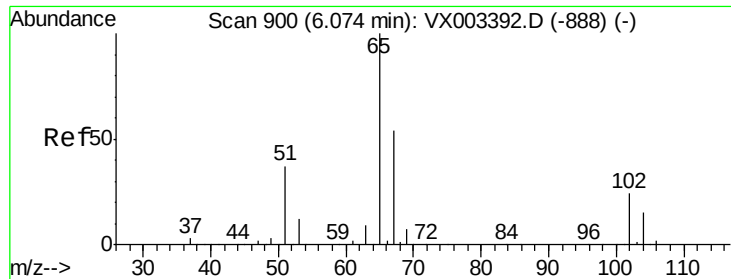
99 65.3 51.6 77.4

61 43.5 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

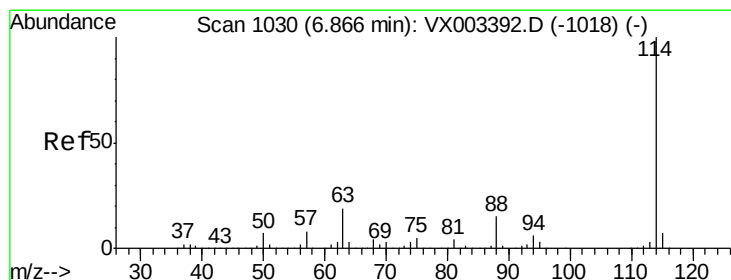
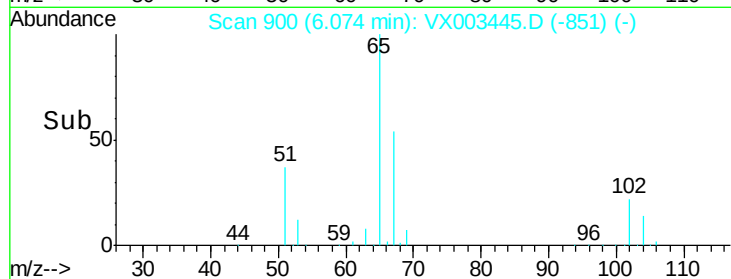
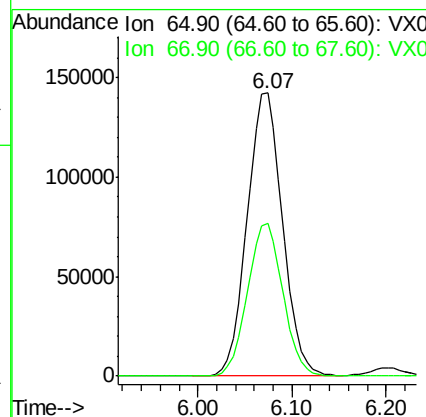
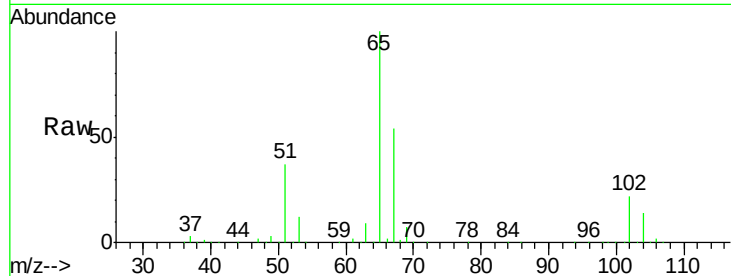




#33
 1,2-Dichloroethane-d4
 Concen: 48.68 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

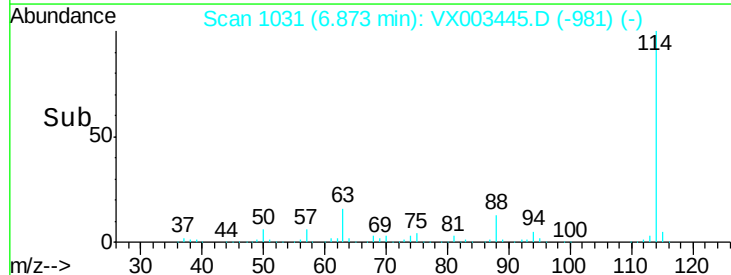
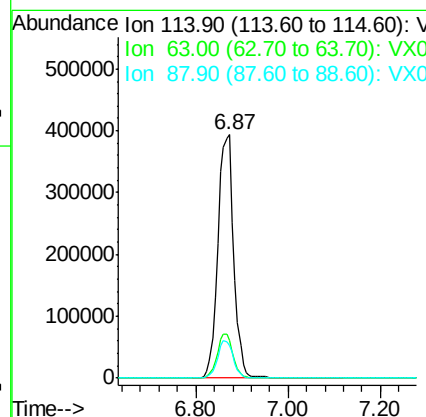
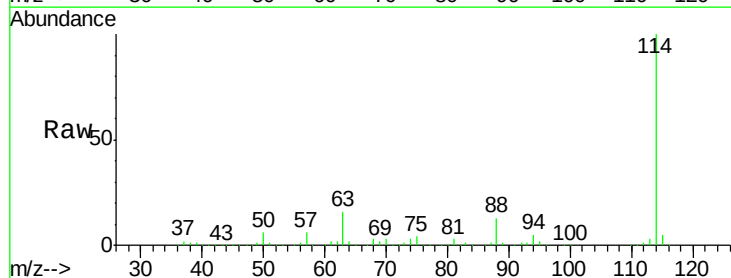
Instrument :
 MSVOA_X
 ClientSampleId :

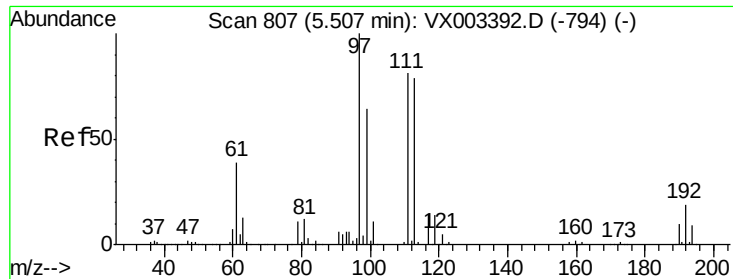
Tot Ion: 65 Resp: 375388
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

Tgt Ion: 114 Resp: 937523
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 41.4
 88 13.3 0.0 30.0

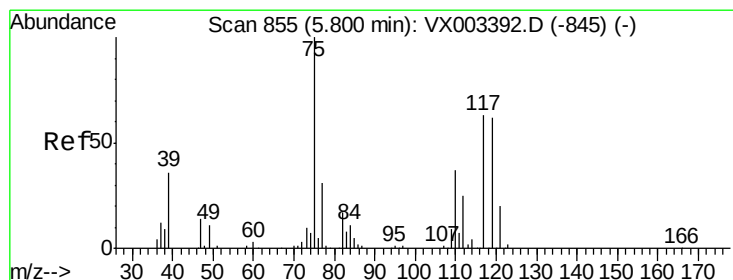
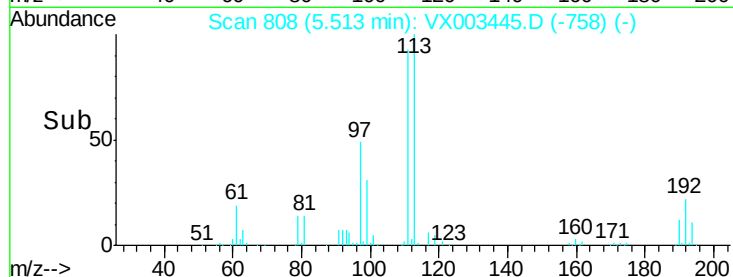
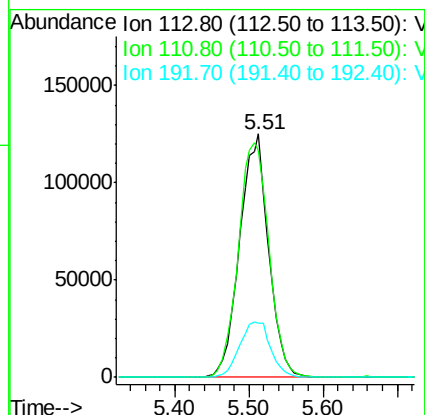
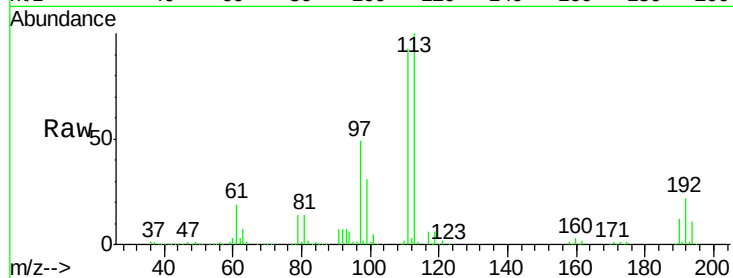




#35
 Dibromofluoromethane
 Concen: 44.85 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

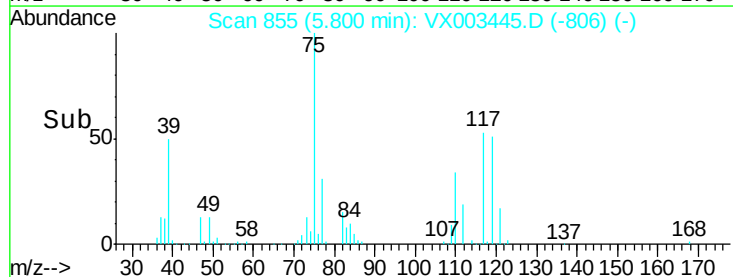
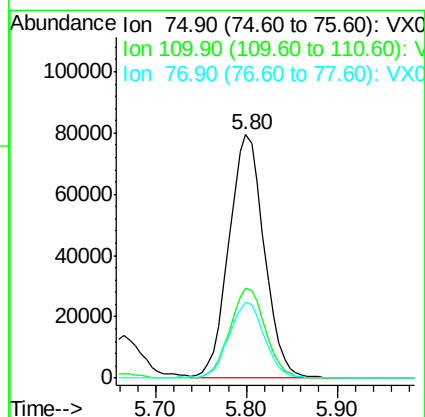
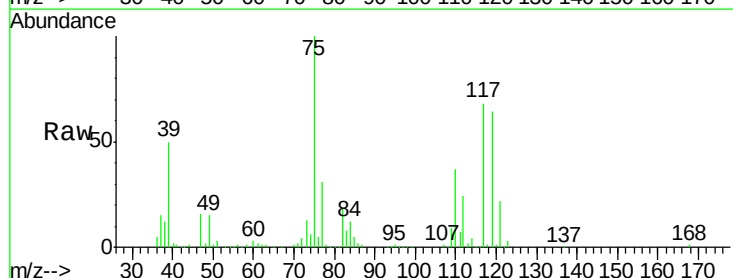
Instrument :
 MSVOA_X
 ClientSampleId :

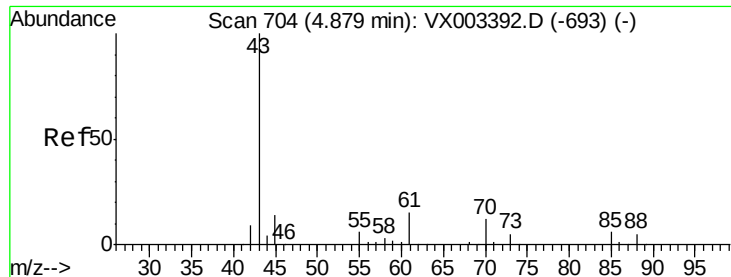
Tot Ion:113 Resp: 340215
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 24.4 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 22.49 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

Tgt Ion: 75 Resp: 213548
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.1 54.4
 77 31.4 24.3 36.5

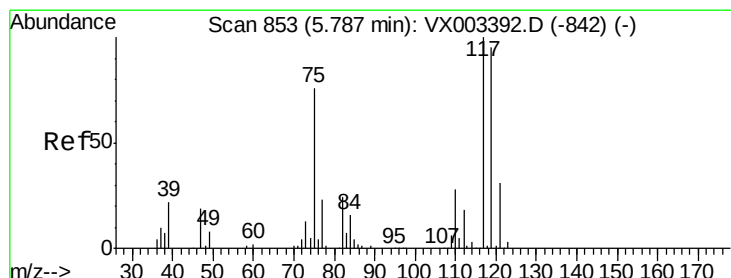
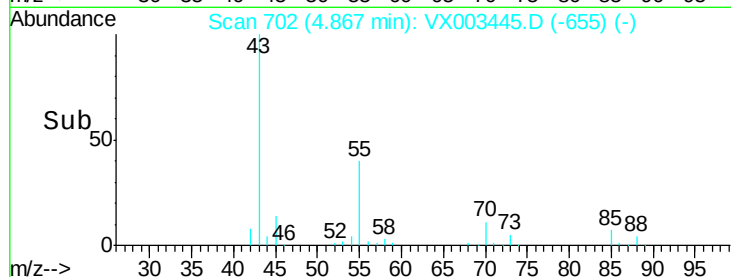
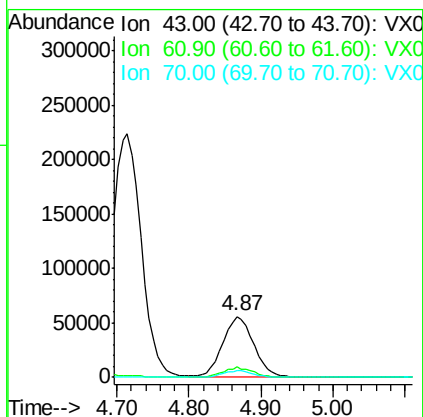
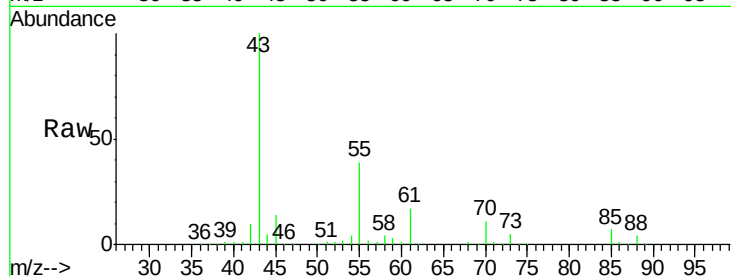




#37
Ethyl Acetate
Concen: 15.68 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

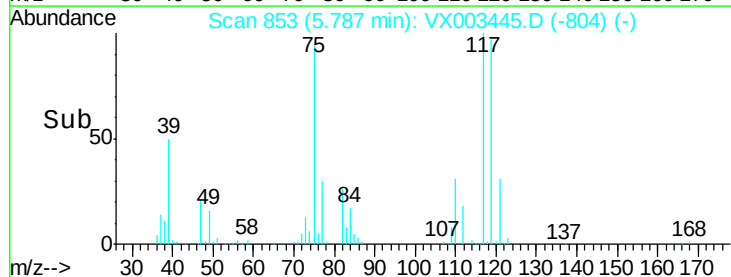
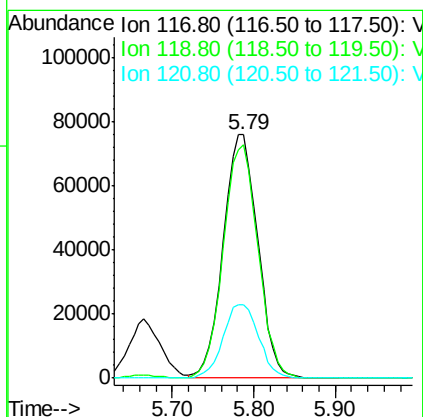
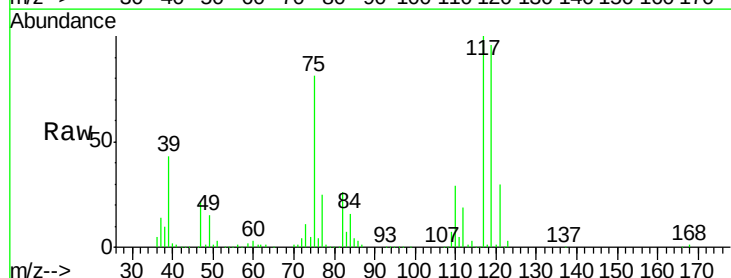
Instrument :
MSVOA_X
ClientSampled :

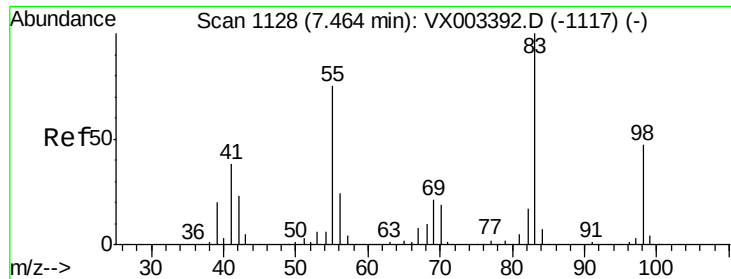
Tot Ion: 43 Resp: 167756
Ion Ratio Lower Upper
43 100
61 15.6 10.4 15.6#
70 11.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 23.00 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion: 117 Resp: 222192
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
121 30.3 24.4 36.6

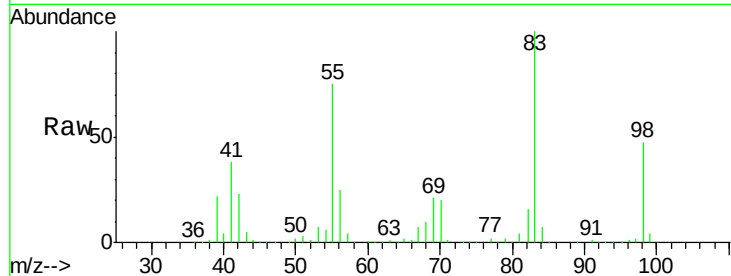




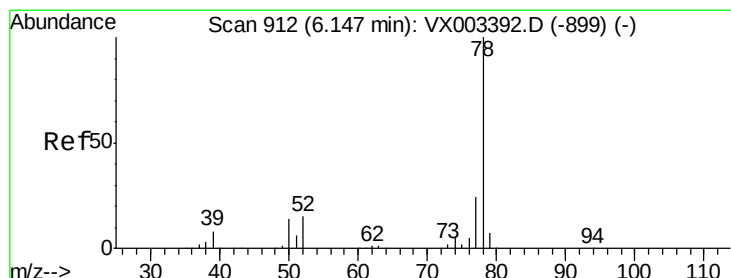
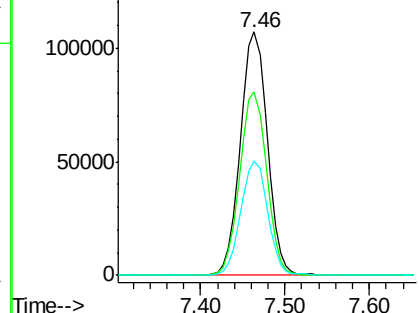
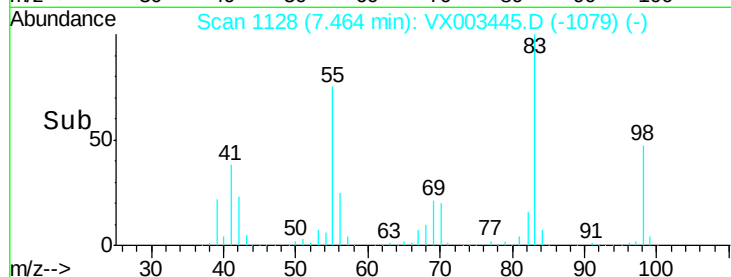
#39
Methylvlcyclohexane
Concen: 21.29 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	83	Resp	231359
Ion	Ratio	Lower	Upper
83	100		
55	75.4	65.4	98.0
98	47.1	37.4	56.0

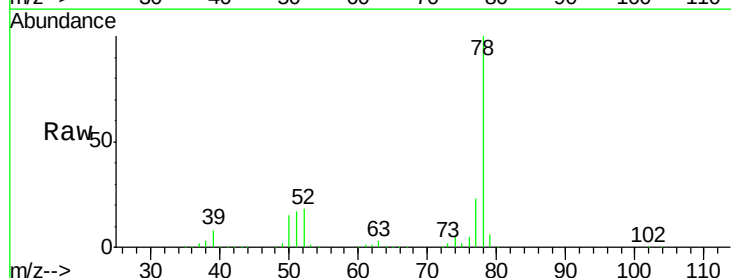


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

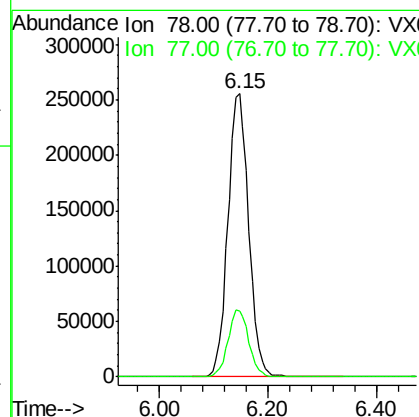
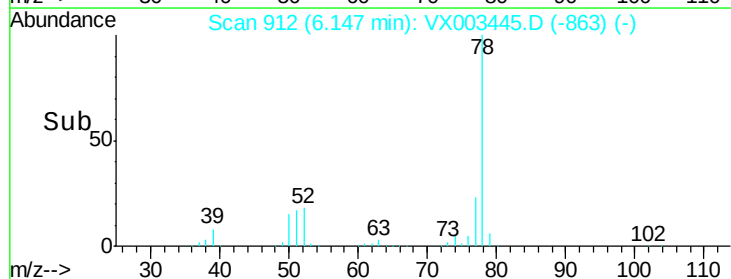


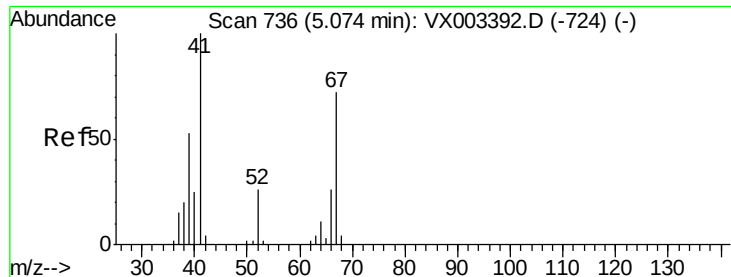
#40
Benzene
Concen: 23.54 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion	78	Resp	679856
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 23.44 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 137928

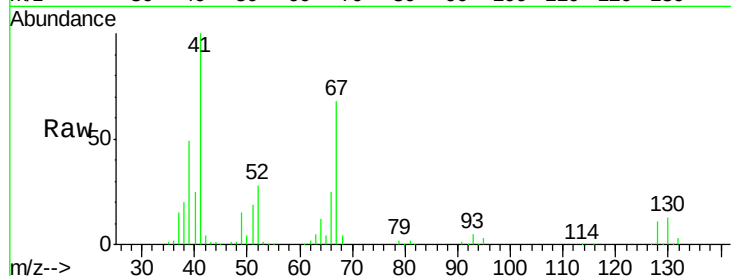
Ion Ratio Lower Upper

41 100

39 51.4 45.8 68.6

67 74.1 51.3 76.9

52 28.3 23.0 34.6

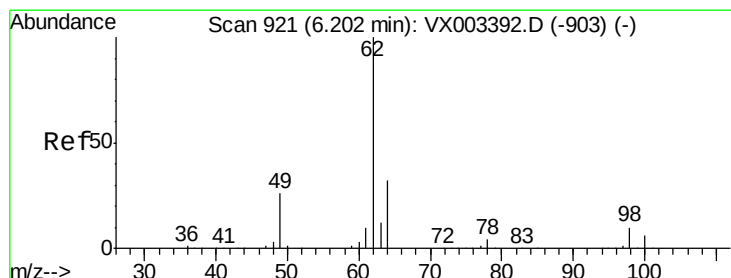
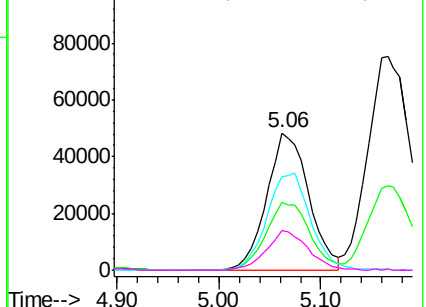
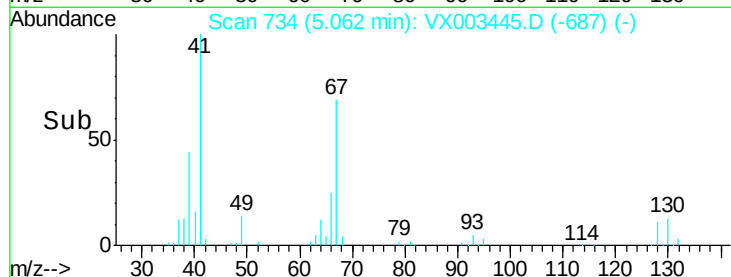


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 23.31 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX003445.D

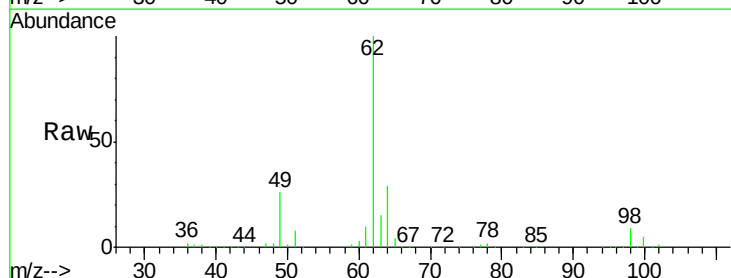
Acq: 18 Jul 2018 14:15

Tgt Ion: 62 Resp: 230890

Ion Ratio Lower Upper

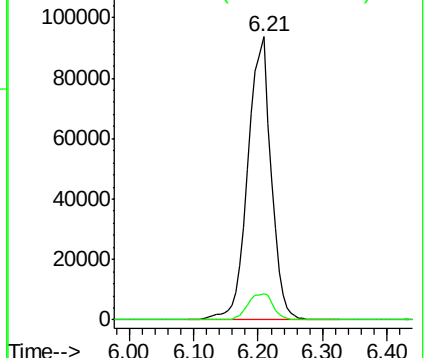
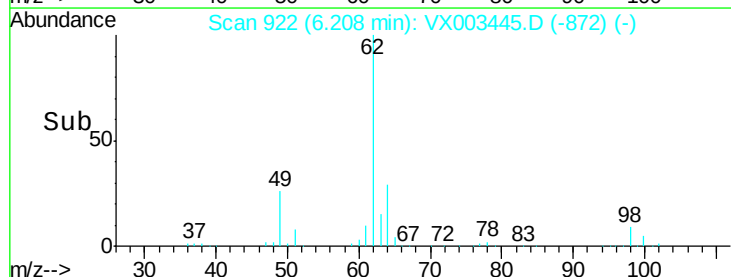
62 100

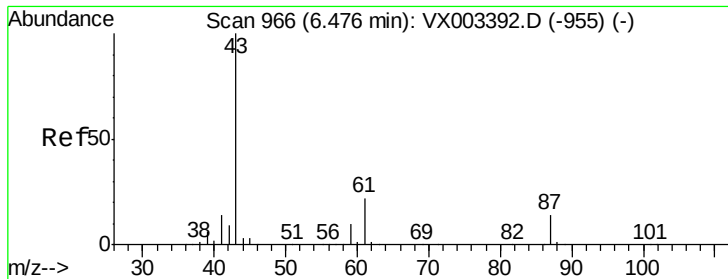
98 10.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



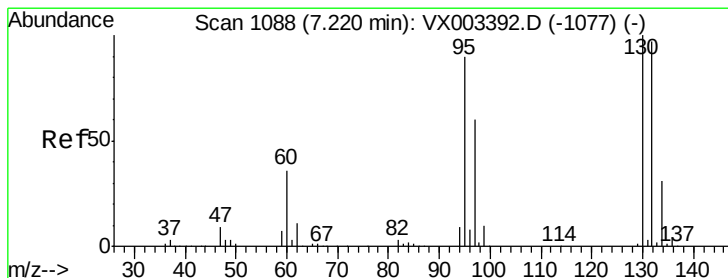
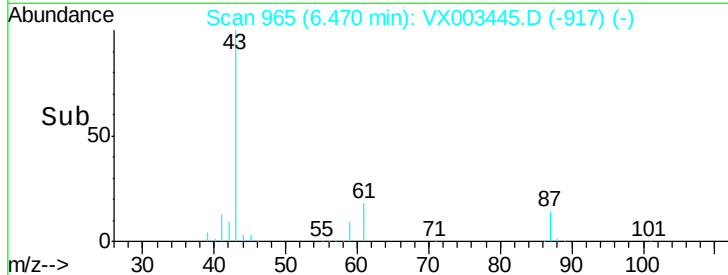
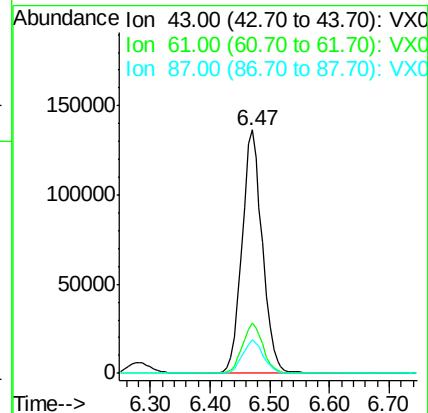
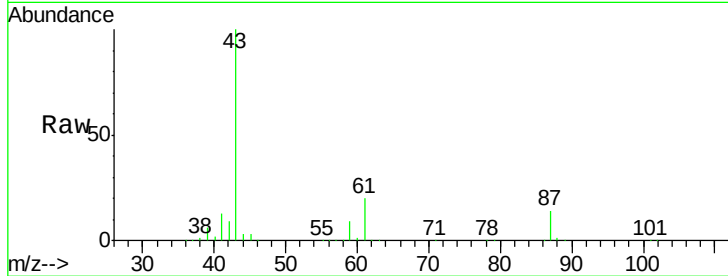


#43

Isopropyl Acetate
 Concen: 19.92 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :

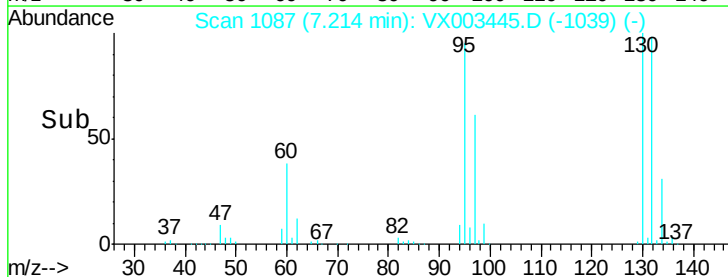
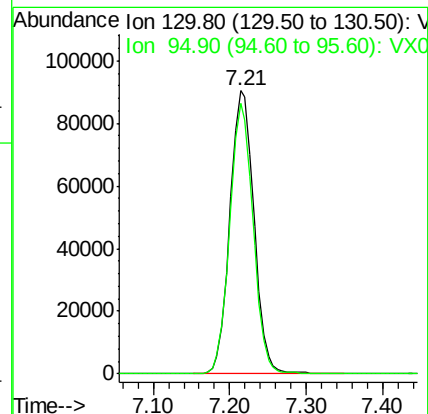
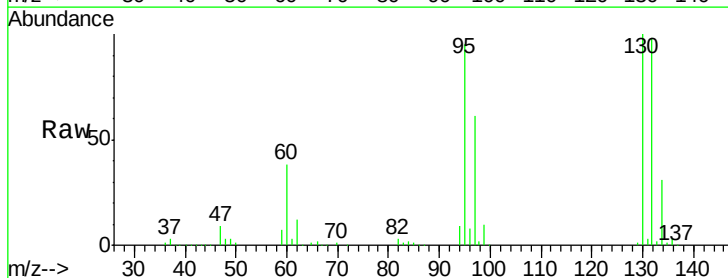
Tot Ion: 43 Resp: 321570
 Ion Ratio Lower Upper
 43 100
 61 21.2 14.4 21.6
 87 14.1 9.5 14.3

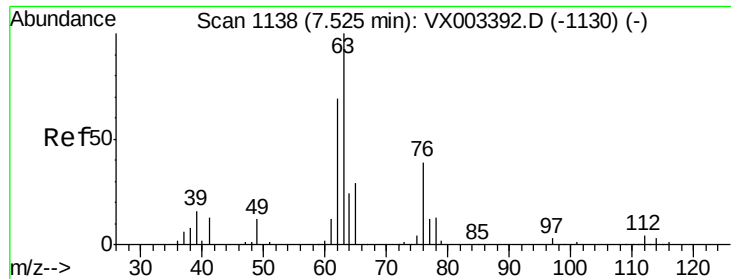


#44

Trichloroethene
 Concen: 23.59 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

Tgt Ion:130 Resp: 197390
 Ion Ratio Lower Upper
 130 100
 95 95.4 0.0 185.4

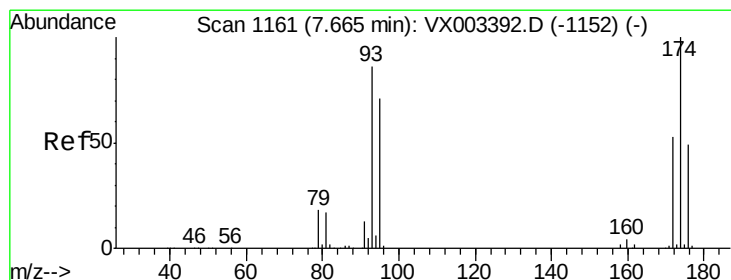
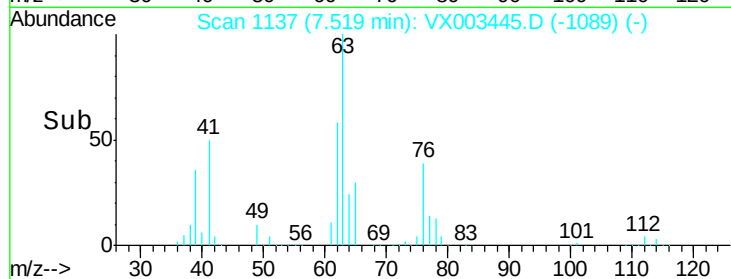
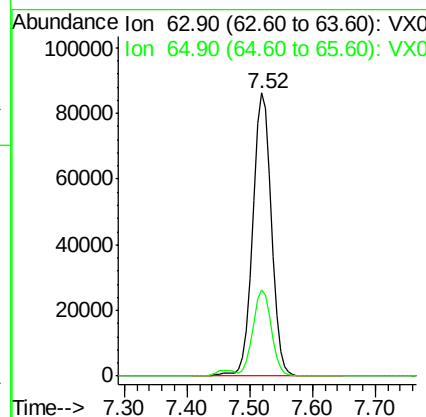
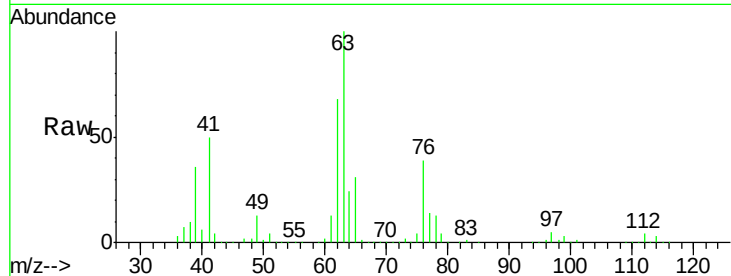




#45
 1,2-Dichloropropane
 Concen: 23.64 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

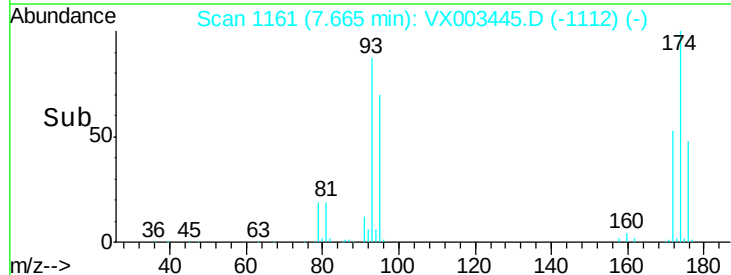
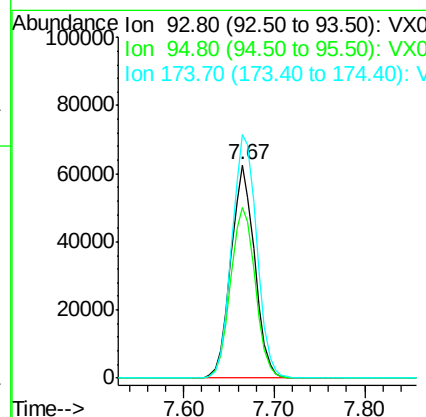
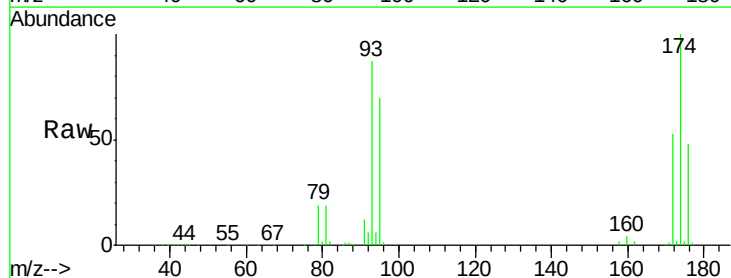
Instrument :
 MSVOA_X
 ClientSampled :

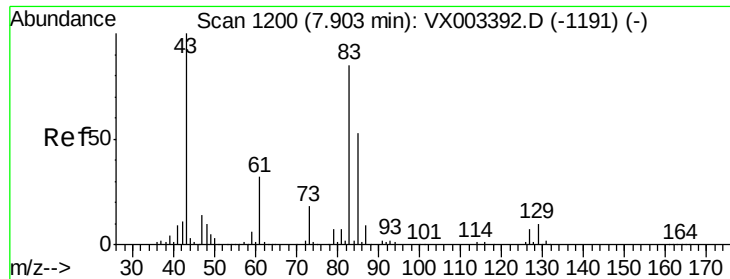
Tot Ion: 63 Resp: 177600
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 22.74 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

Tgt Ion: 93 Resp: 113751
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 119.8 92.4 138.6





#47

Bromodichloromethane

Concen: 23.23 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :
MSVOA_X
ClientSampled :

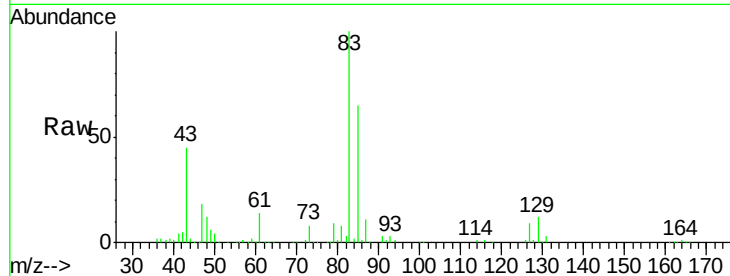
Tot Ion: 83 Resp: 212838

Ion Ratio Lower Upper

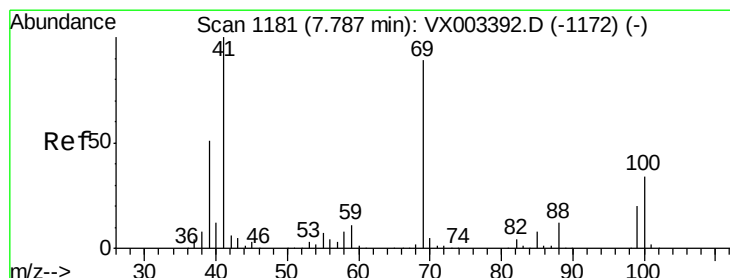
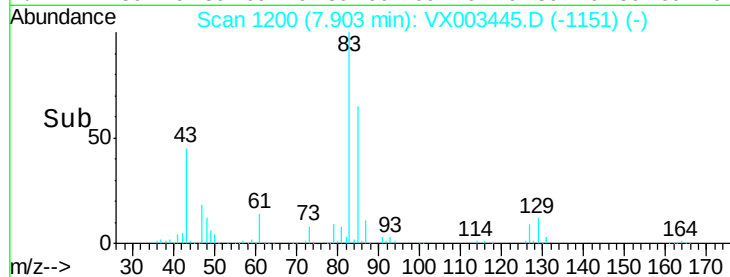
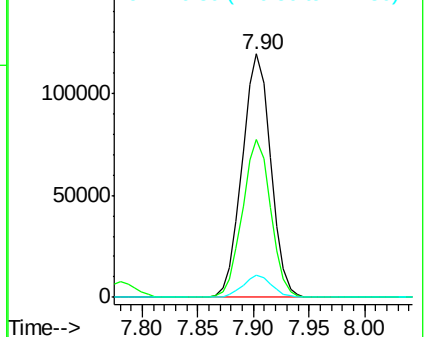
83 100

85 64.9 50.3 75.5

127 9.3 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: 23.49 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

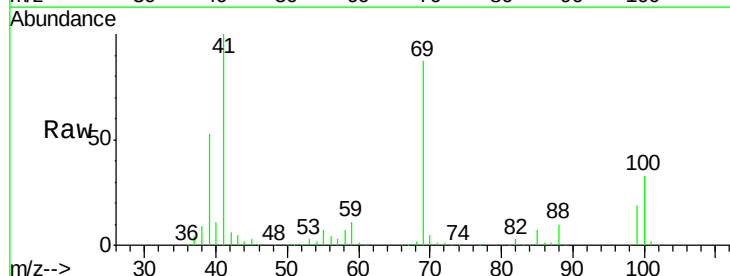
Tgt Ion: 41 Resp: 193490

Ion Ratio Lower Upper

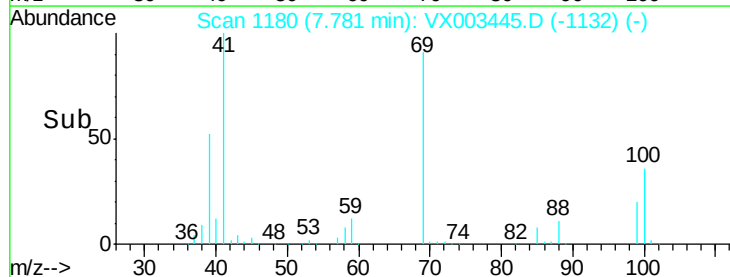
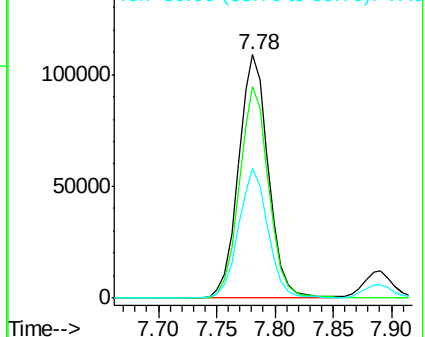
41 100

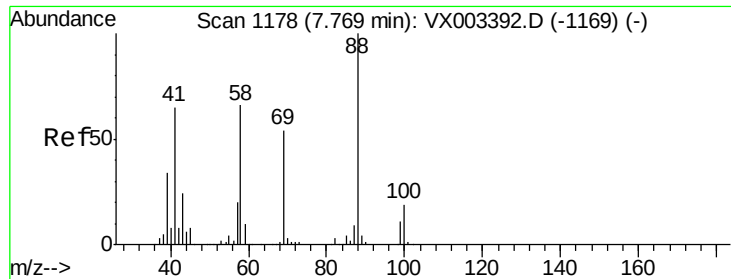
69 85.7 59.1 88.7

39 52.3 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

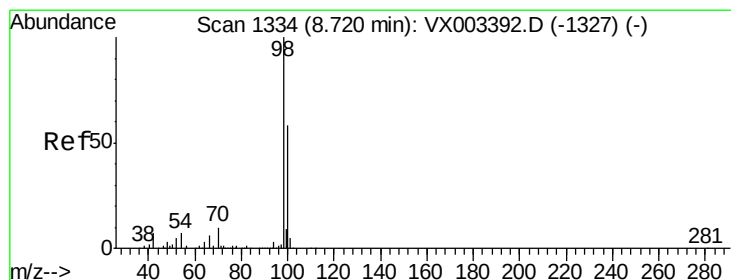
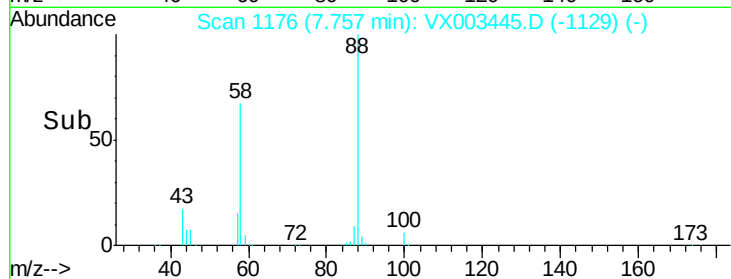
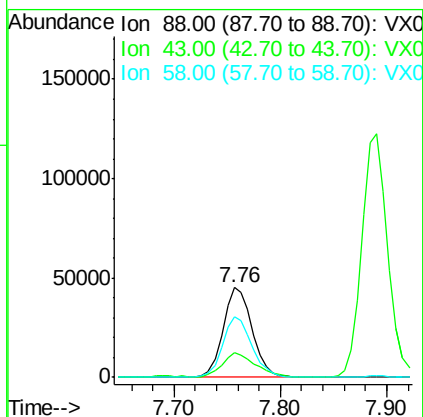
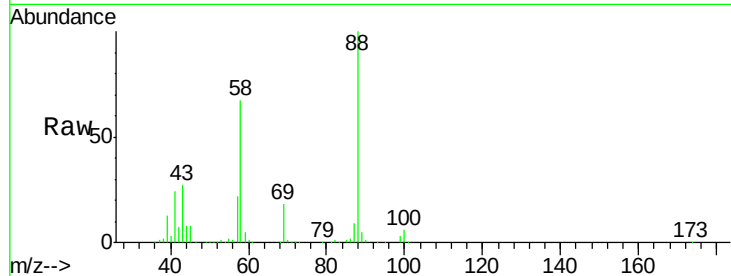




#49
1,4-Dioxane
Concen: 455.43 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

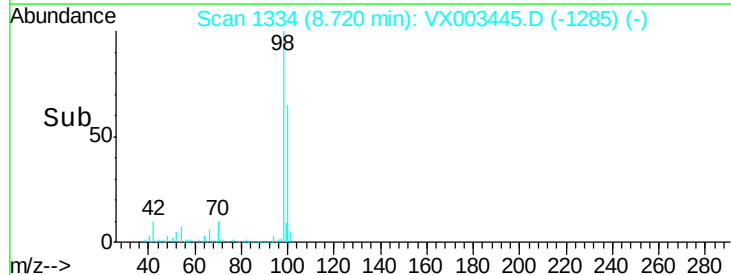
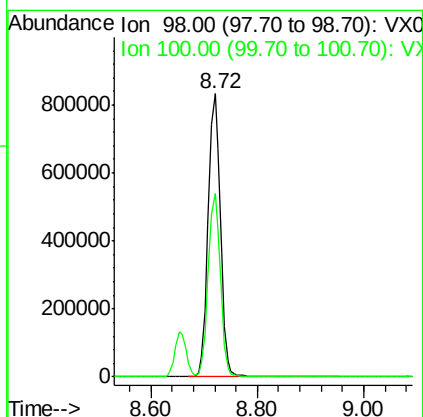
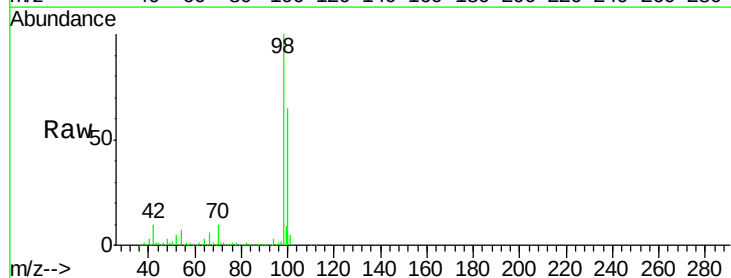
Instrument :
MSVOA_X
ClientSampleId :

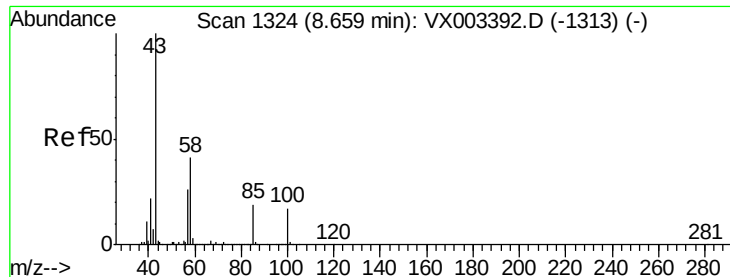
Tot Ion: 88 Resp: 85898
Ion Ratio Lower Upper
88 100
43 30.4 29.8 44.6
58 67.7 57.1 85.7



#50
Toluene-d8
Concen: 46.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion: 98 Resp: 1307369
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 118.48 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

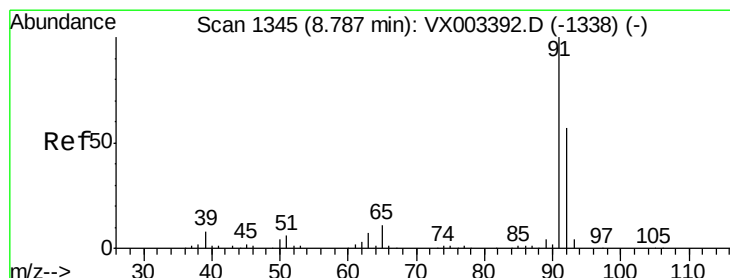
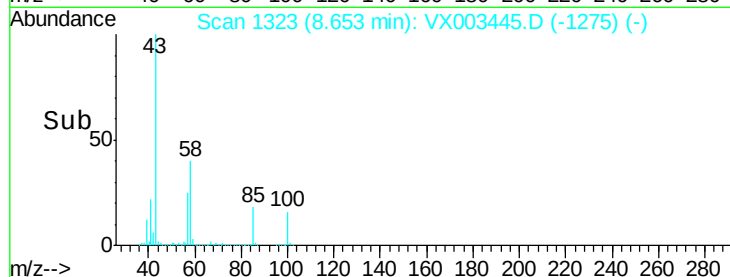
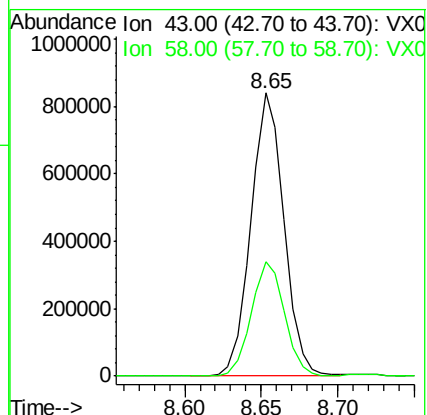
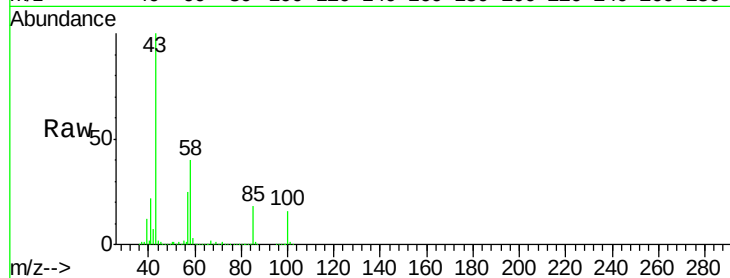
ClientSampleId :

Tot Ion: 43 Resp: 1259290

Ion Ratio Lower Upper

43 100

58 40.7 28.6 42.8



#52

Toluene

Concen: 23.91 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003445.D

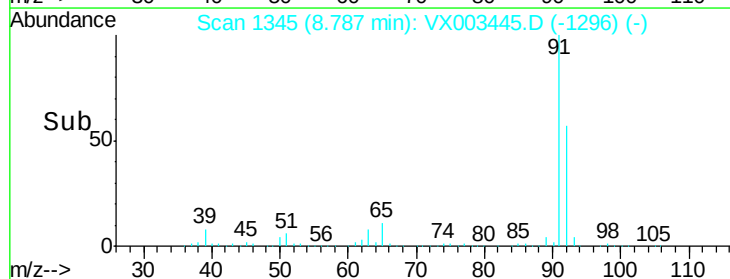
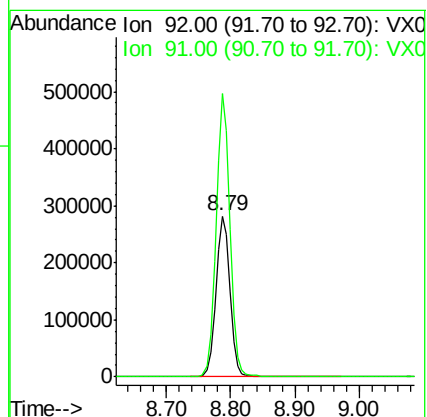
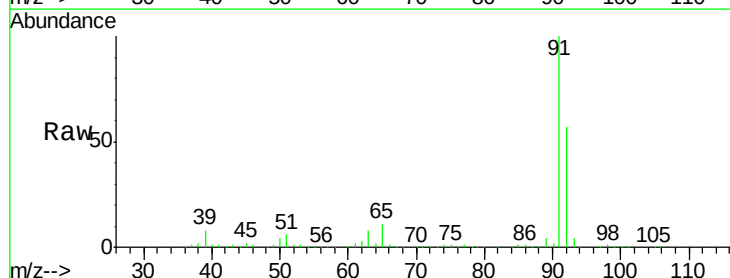
Acq: 18 Jul 2018 14:15

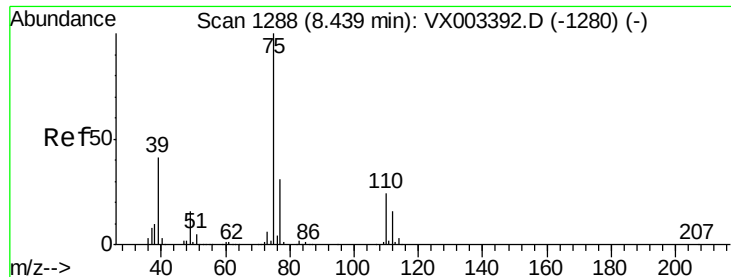
Tgt Ion: 92 Resp: 432405

Ion Ratio Lower Upper

92 100

91 173.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 21.56 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

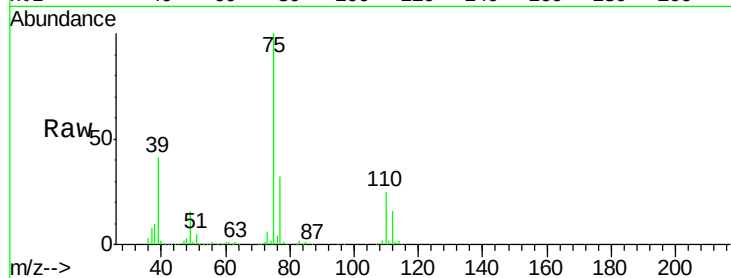
ClientSampleId :

Tot Ion: 75 Resp: 233235

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

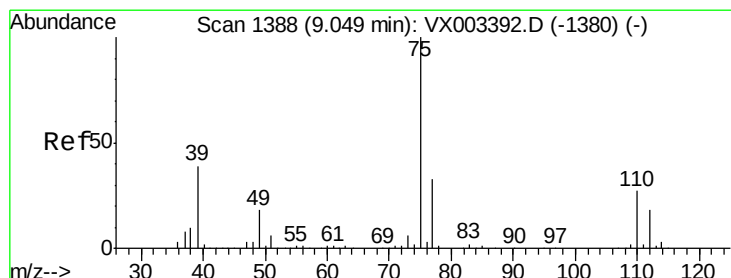
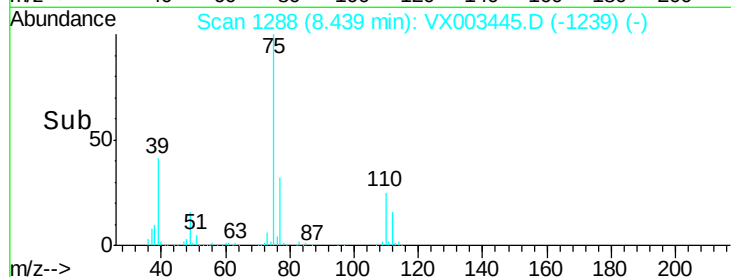
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 21.51 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

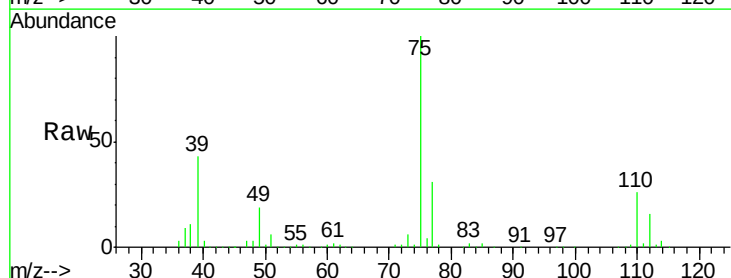
Tgt Ion: 75 Resp: 212370

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 42.7 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

200000

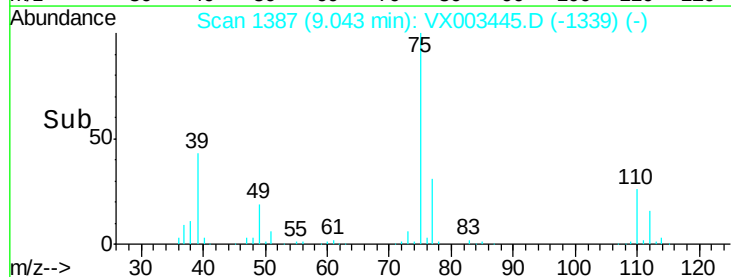
150000

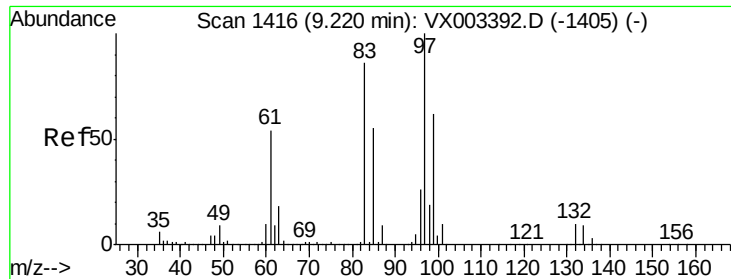
100000

50000

0

Time-->

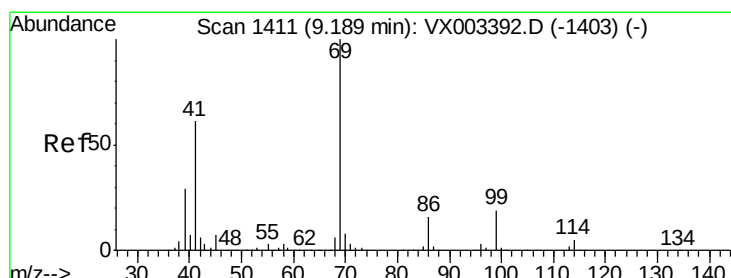
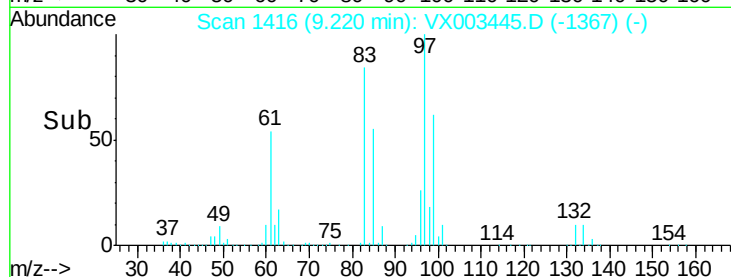
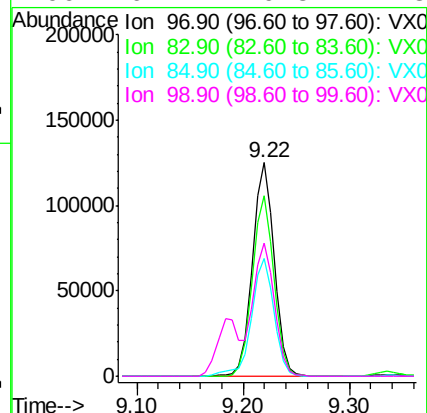
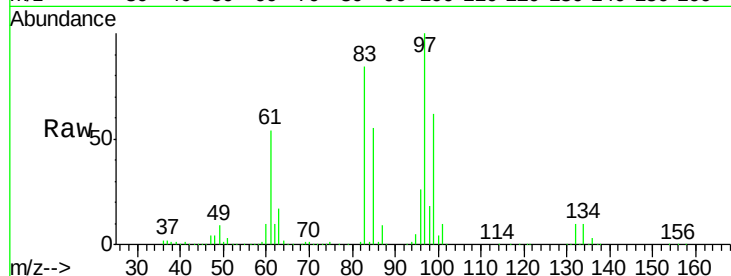




#55
1,1,2-Trichloroethane
Concen: 23.80 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

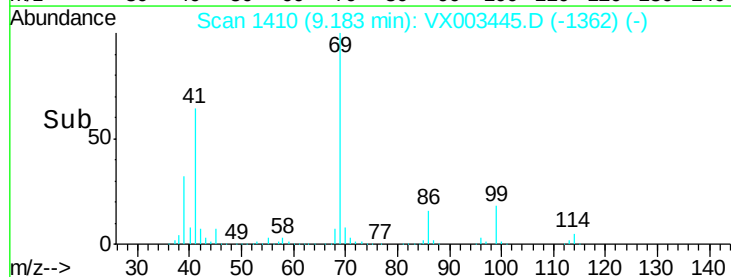
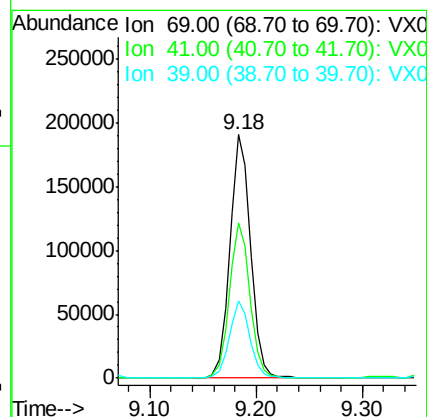
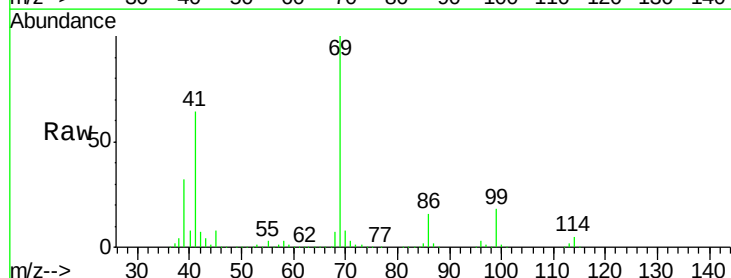
Instrument :
MSVOA_X
ClientSampled :

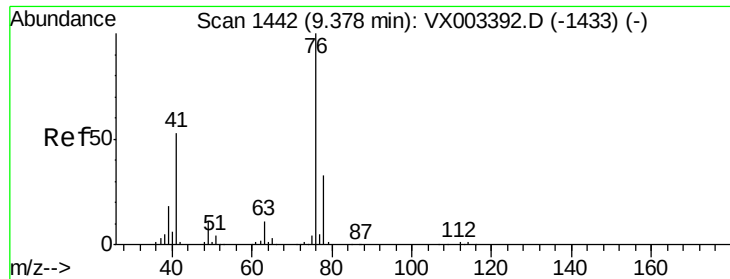
Tot Ion:	97	Resp:	179845
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.2
85	54.9	44.9	67.3
99	62.1	49.8	74.8



#56
Ethyl methacrylate
Concen: 24.31 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion:	69	Resp:	260034
Ion	Ratio	Lower	Upper
69	100		
41	63.2	60.3	90.5
39	31.4	35.8	53.8#

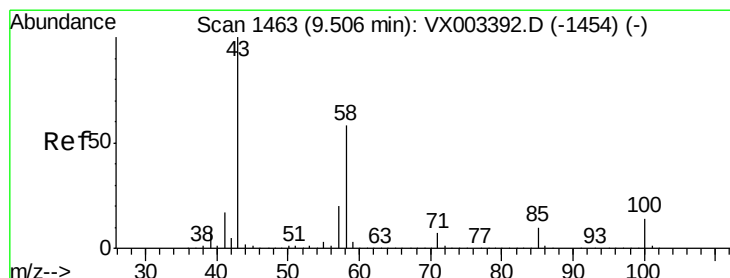
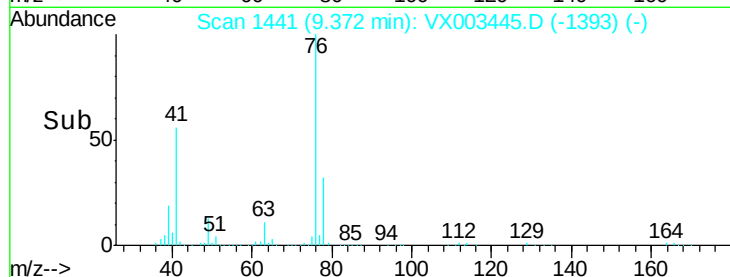
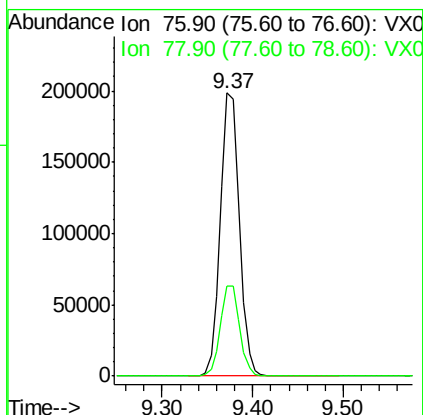
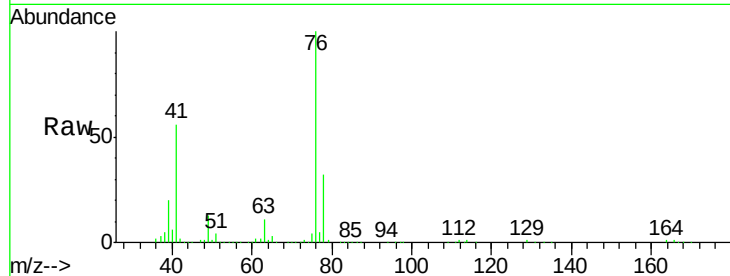




#57
 1,3-Dichloropropane
 Concen: 24.09 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

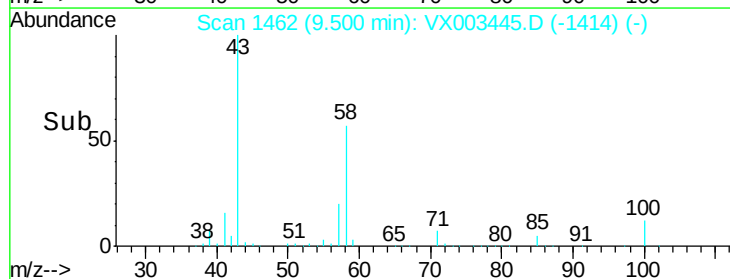
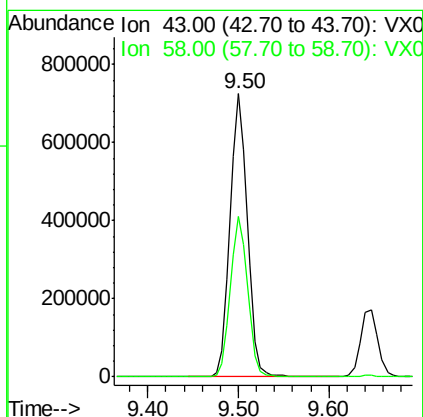
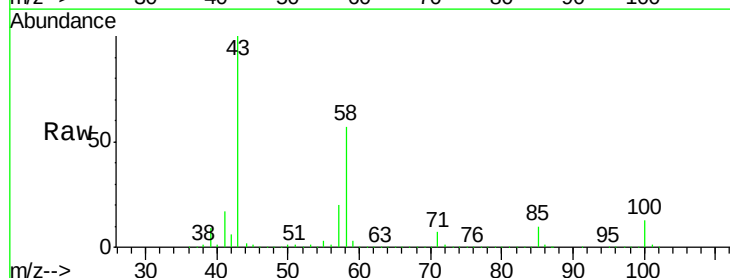
Instrument :
 MSVOA_X
 ClientSampleId :

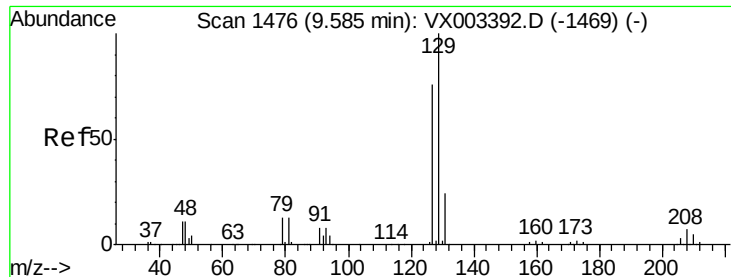
Tot Ion: 76 Resp: 292434
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#59
 2-Hexanone
 Concen: 118.32 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

Tgt Ion: 43 Resp: 966215
 Ion Ratio Lower Upper
 43 100
 58 56.7 24.6 73.6





#60

Dibromochloromethane

Concen: 24.55 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

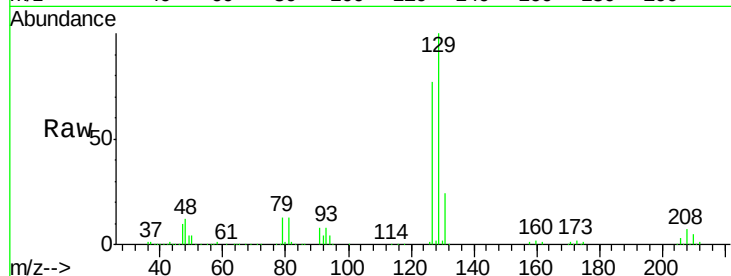
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 184315

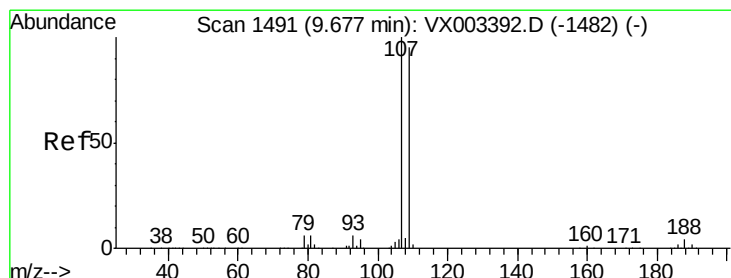
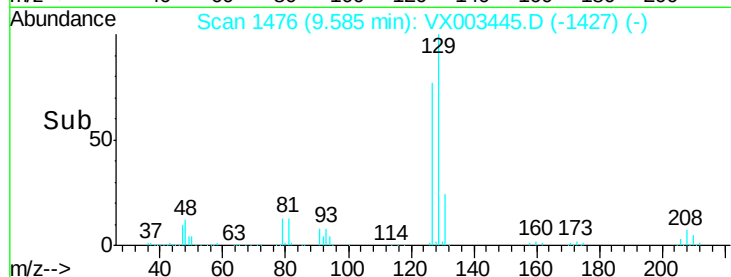
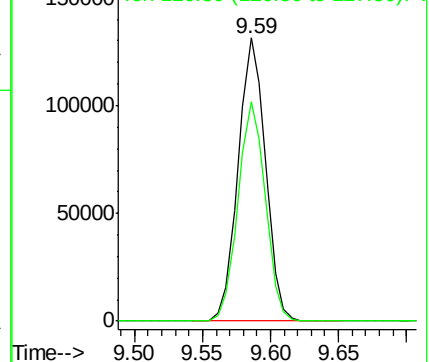
Ion Ratio Lower Upper

129 100

127 77.2 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 23.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003445.D

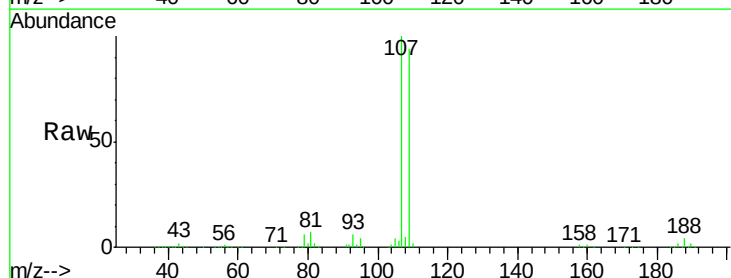
Acq: 18 Jul 2018 14:15

Tgt Ion:107 Resp: 186145

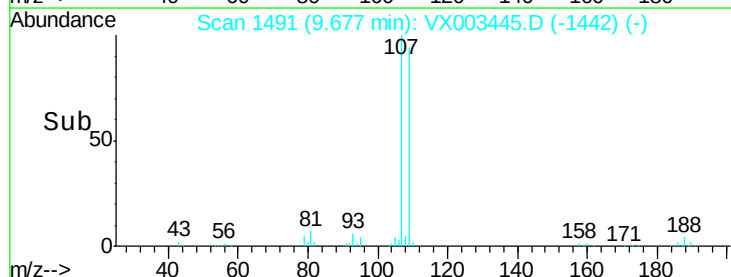
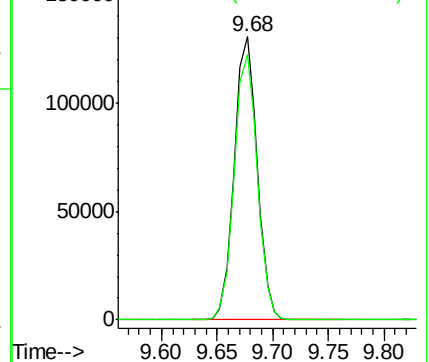
Ion Ratio Lower Upper

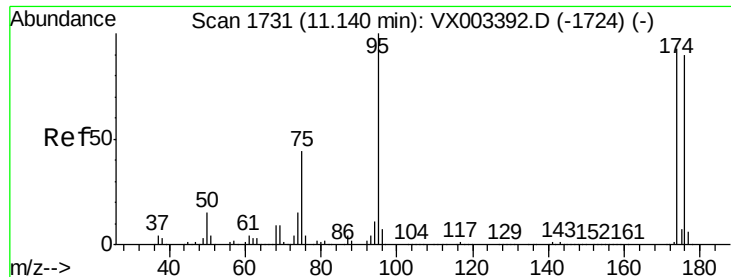
107 100

109 95.0 75.3 112.9



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

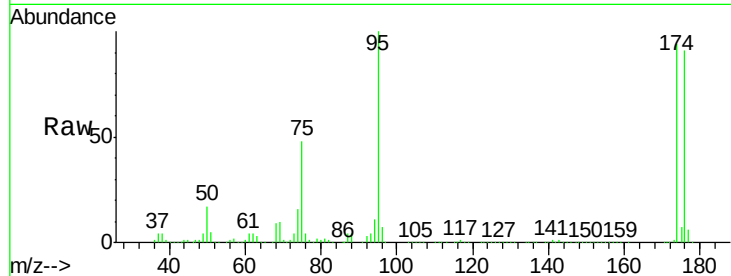




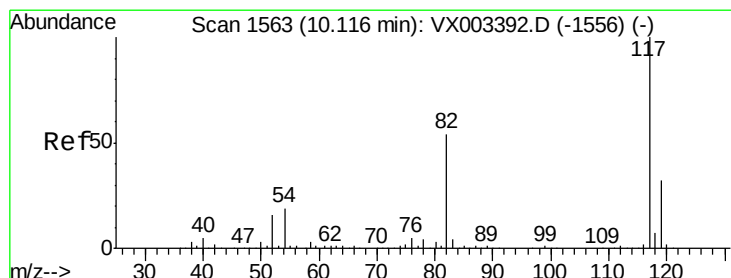
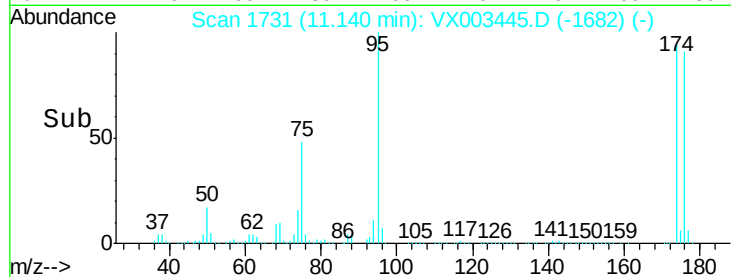
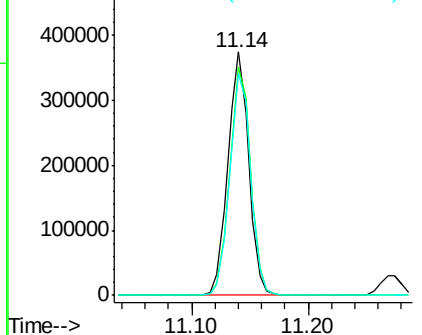
#62
4-Bromofluorobenzene
Concen: 46.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 462911
Ion Ratio Lower Upper
95 100
174 94.8 0.0 187.4
176 92.5 0.0 181.0

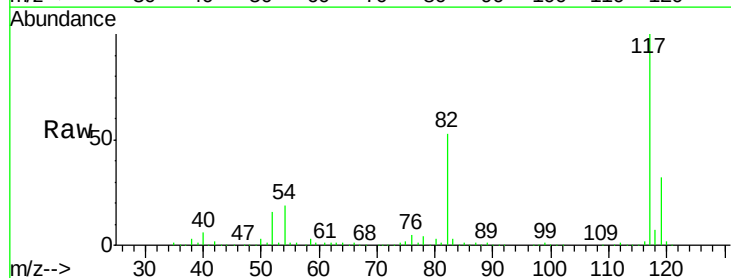


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

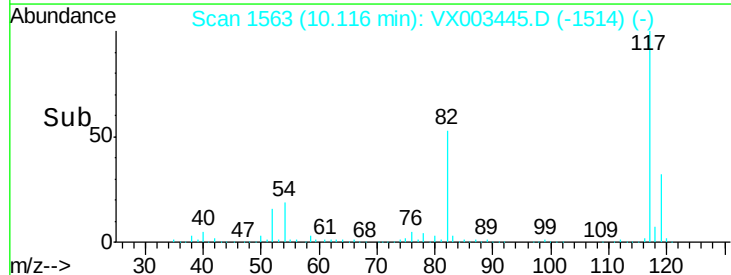
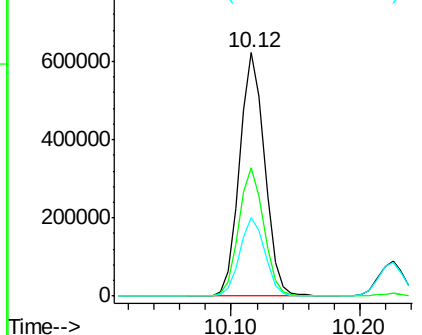


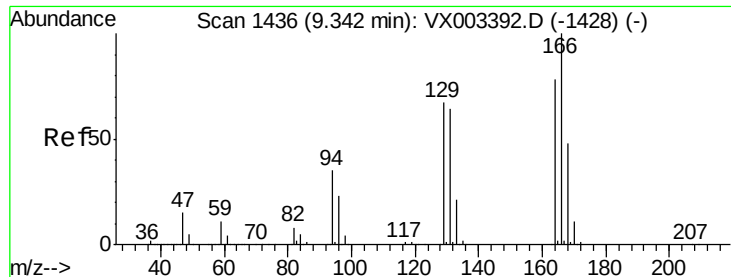
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion: 117 Resp: 838513
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.4
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

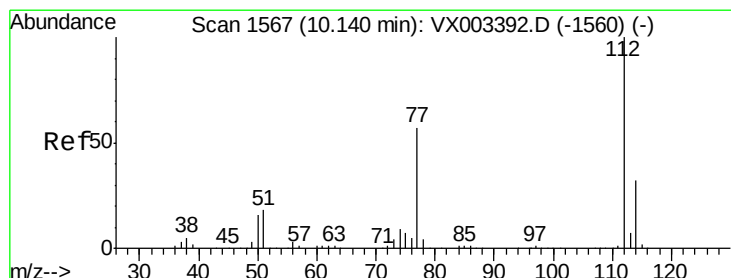
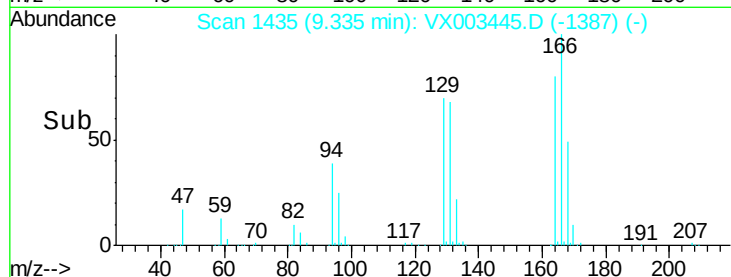
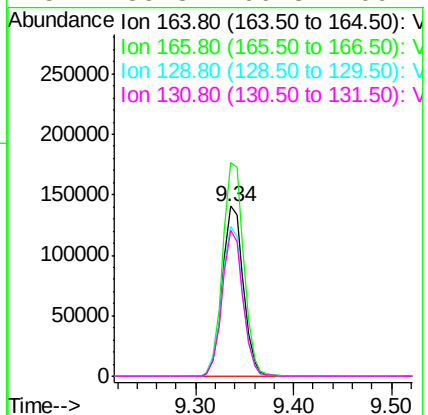
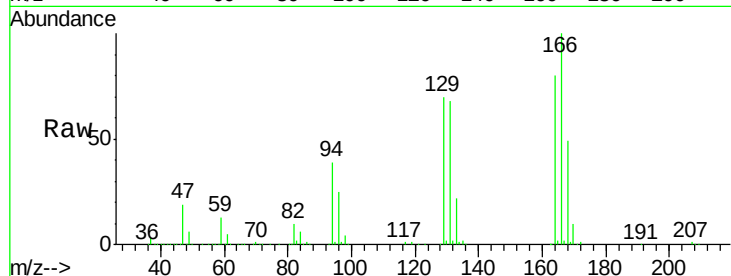




#64
Tetrachloroethene
Concen: 23.80 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

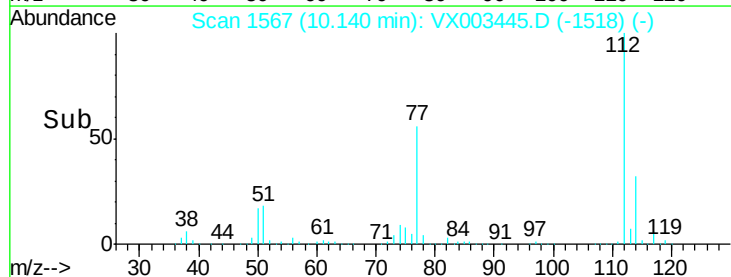
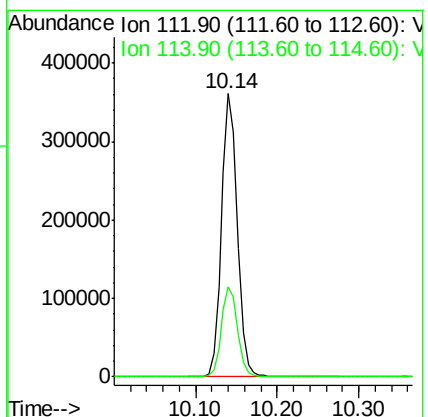
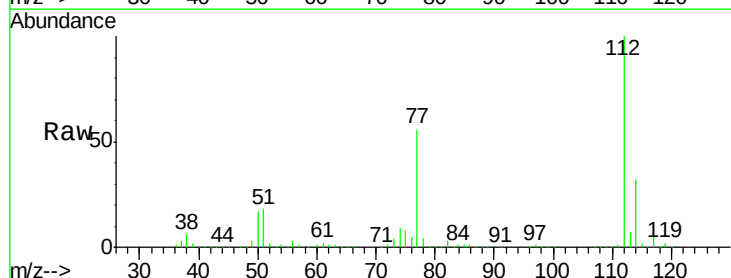
Instrument :
MSVOA_X
ClientSampleId :

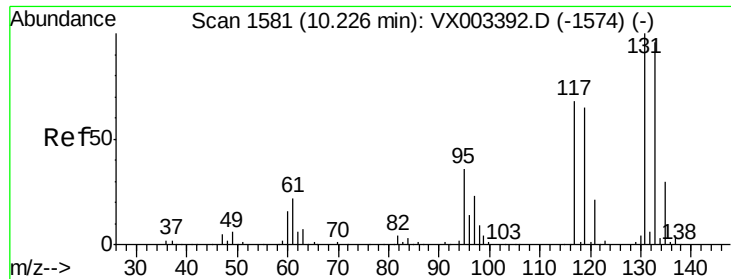
Tot Ion:164 Resp: 208760
Ion Ratio Lower Upper
164 100
166 125.7 102.9 154.3
129 88.5 68.6 102.8
131 85.8 66.8 100.2



#65
Chlorobenzene
Concen: 24.68 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion:112 Resp: 488810
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

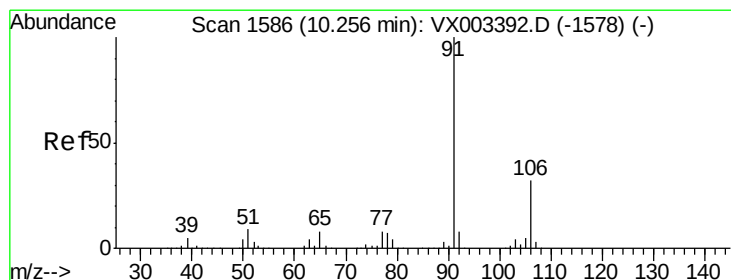
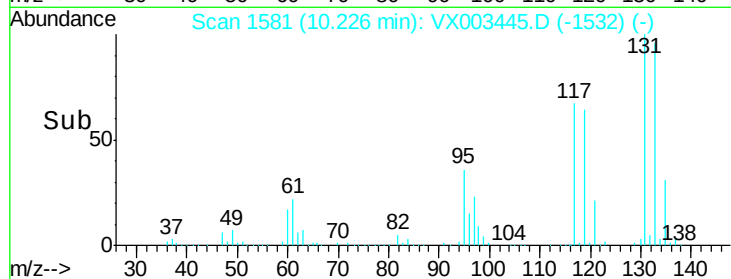
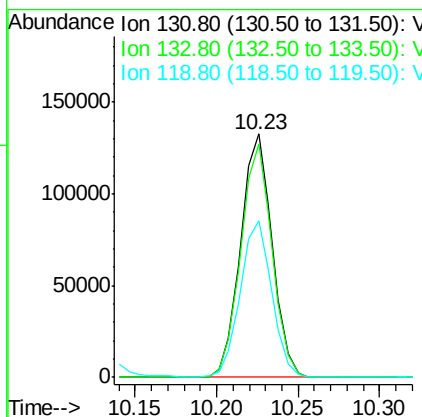
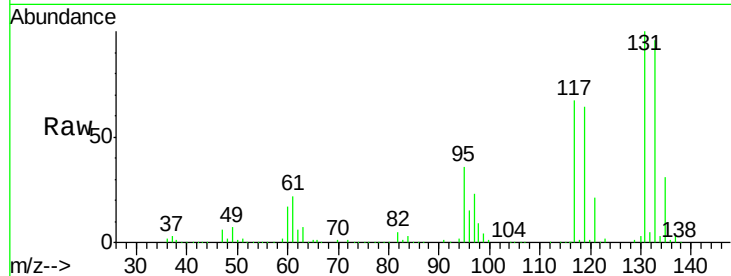




#66
 1,1,1,2-Tetrachloroethane
 Concen: 25.30 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

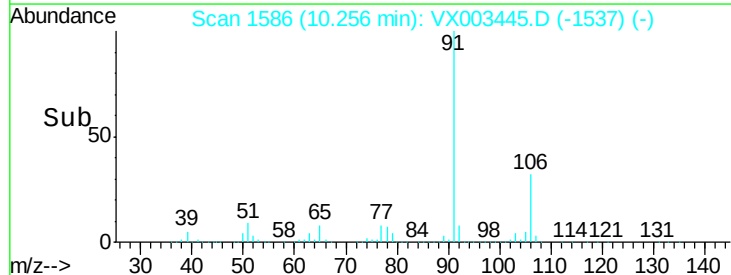
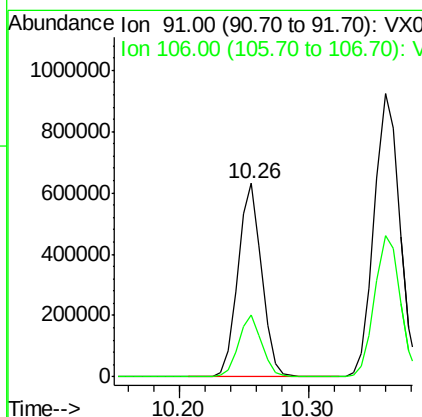
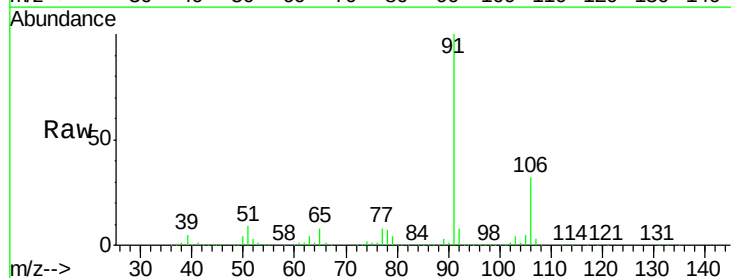
Instrument :
 MSVOA_X
 ClientSampleId :

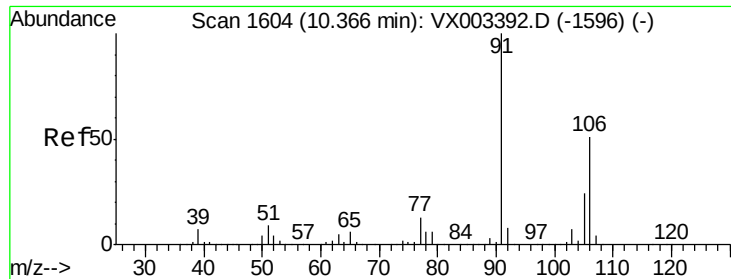
Tot Ion:131 Resp: 178154
 Ion Ratio Lower Upper
 131 100
 133 95.3 47.9 143.6
 119 64.5 31.8 95.3



#67
 Ethyl Benzene
 Concen: 24.96 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

Tgt Ion: 91 Resp: 808231
 Ion Ratio Lower Upper
 91 100
 106 31.9 25.5 38.3

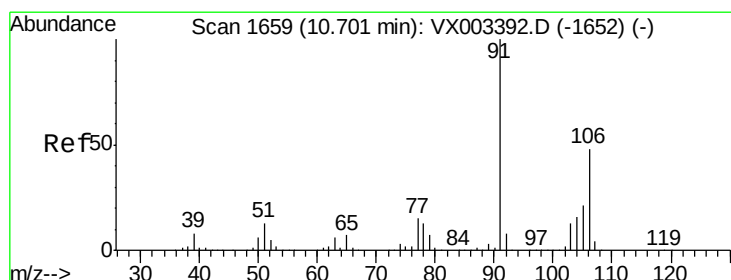
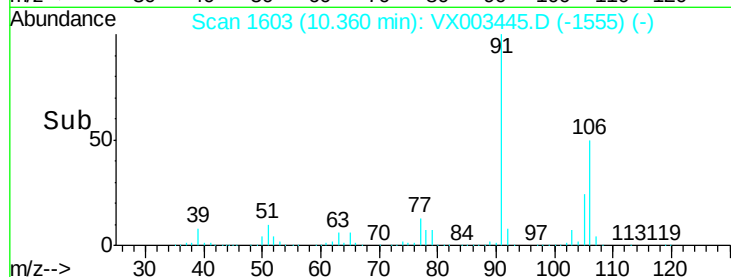
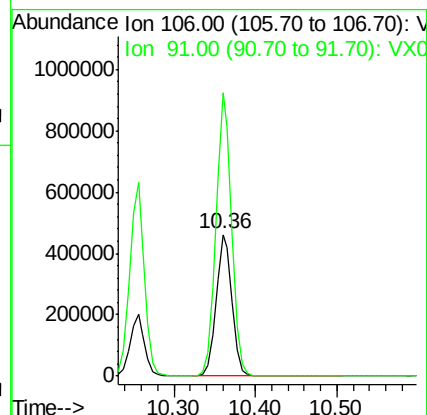
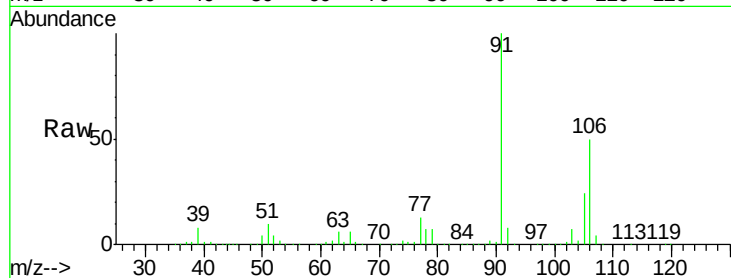




#68
m/p-Xylenes
Concen: 50.68 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

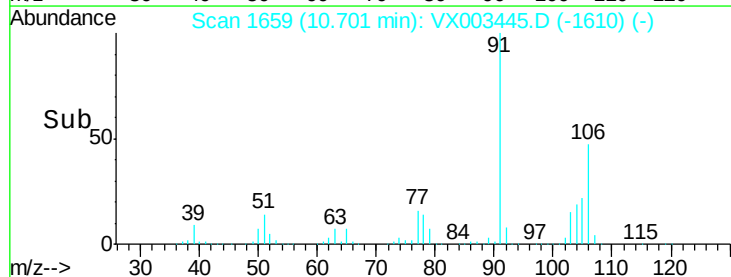
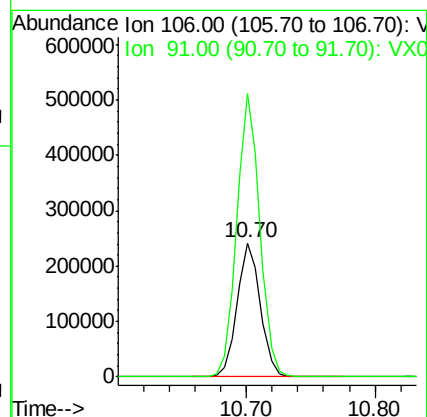
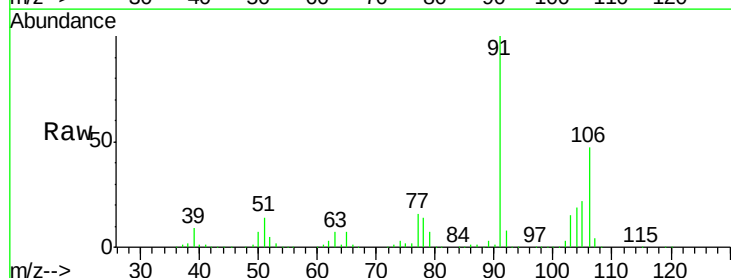
Instrument :
MSVOA_X
ClientSampleId :

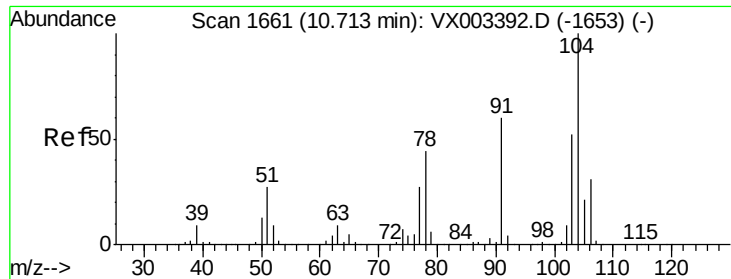
Tot Ion:106 Resp: 634645
Ion Ratio Lower Upper
106 100
91 198.3 163.4 245.2



#69
o-Xylene
Concen: 25.23 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion:106 Resp: 303445
Ion Ratio Lower Upper
106 100
91 209.8 108.2 324.6

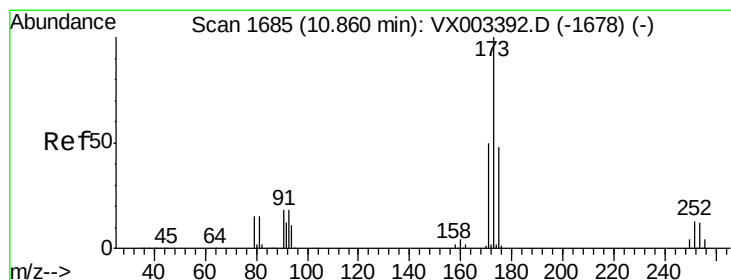
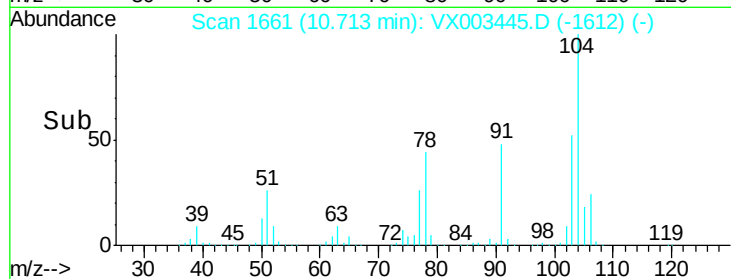
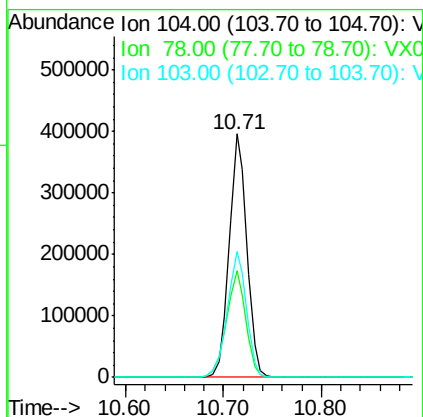
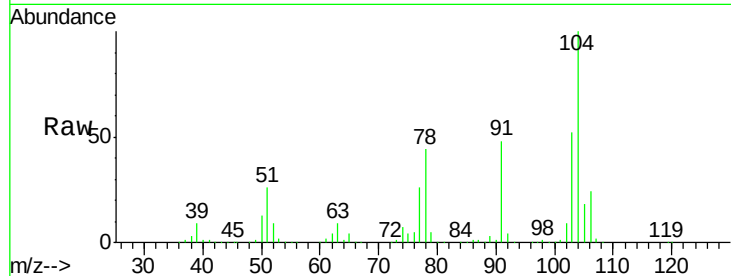




#70
Stvrene
Concen: 25.18 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

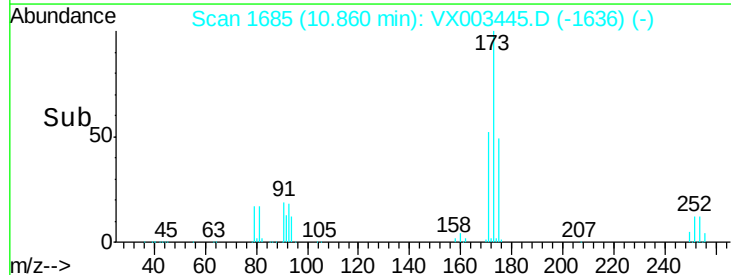
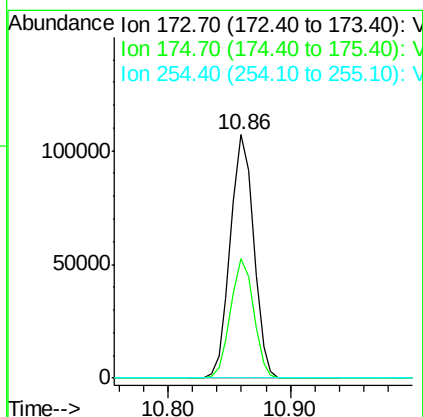
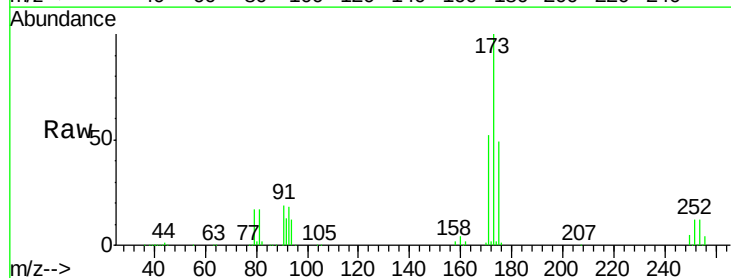
Instrument :
MSVOA_X
ClientSampled :

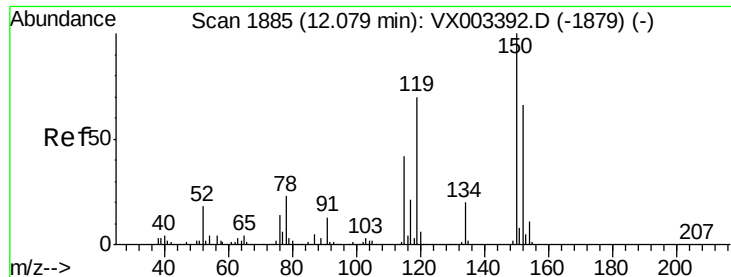
Tot Ion:104 Resp: 498549
Ion Ratio Lower Upper
104 100
78 47.9 41.0 61.6
103 55.9 44.2 66.4



#71
Bromoform
Concen: 24.89 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion:173 Resp: 140958
Ion Ratio Lower Upper
173 100
175 48.7 24.7 74.1
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

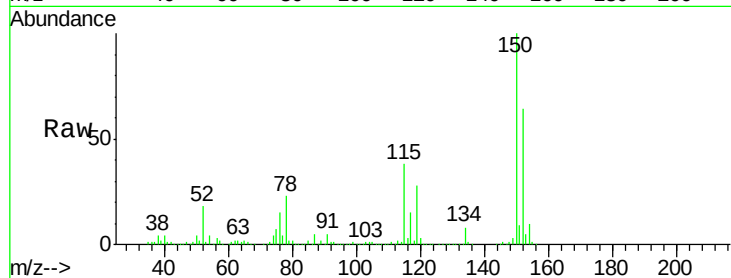
Tot Ion:152 Resp: 497009

Ion Ratio Lower Upper

152 100

115 64.8 40.1 120.2

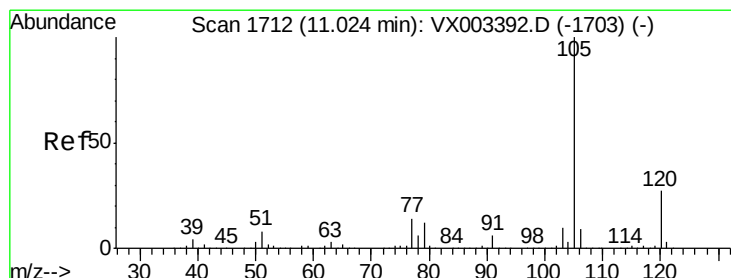
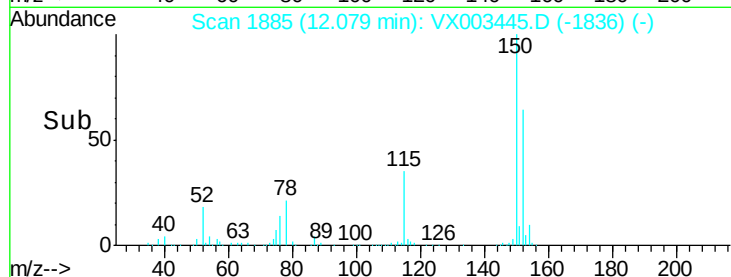
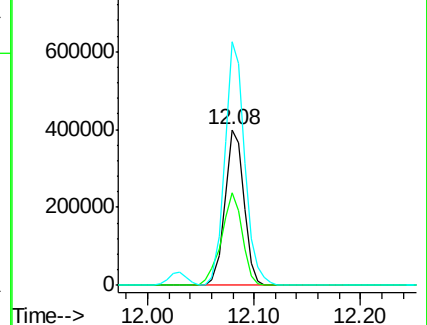
150 163.7 0.0 347.2



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: 25.16 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003445.D

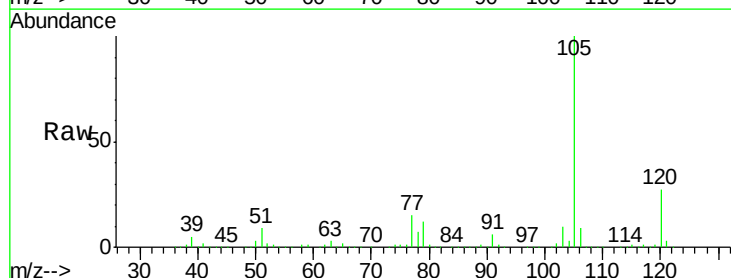
Acq: 18 Jul 2018 14:15

Tgt Ion:105 Resp: 800720

Ion Ratio Lower Upper

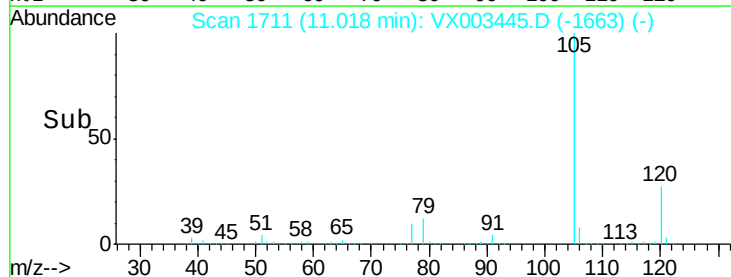
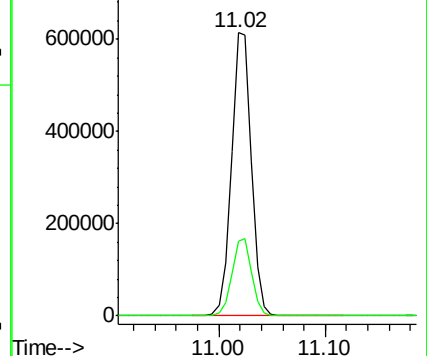
105 100

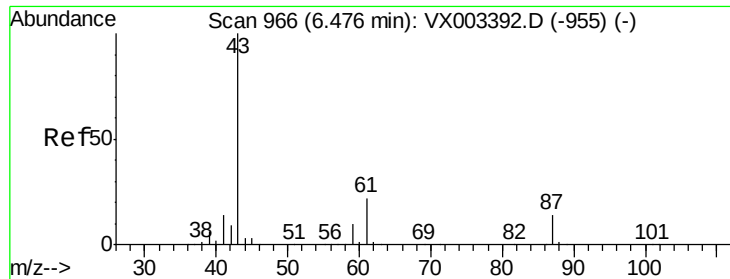
120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 21.01 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

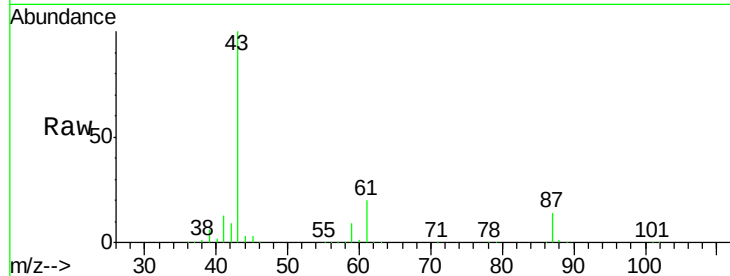
MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 321570

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	21.2	14.4	21.6

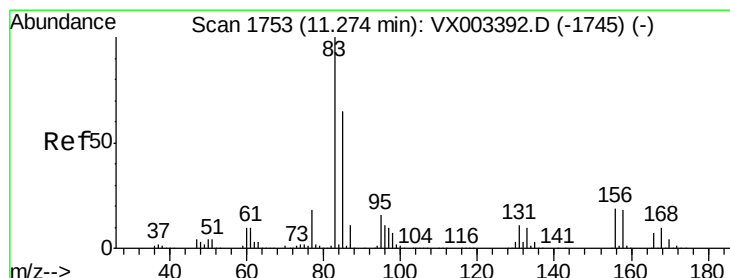
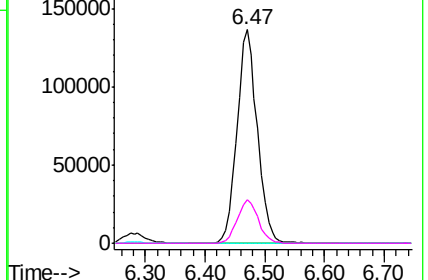
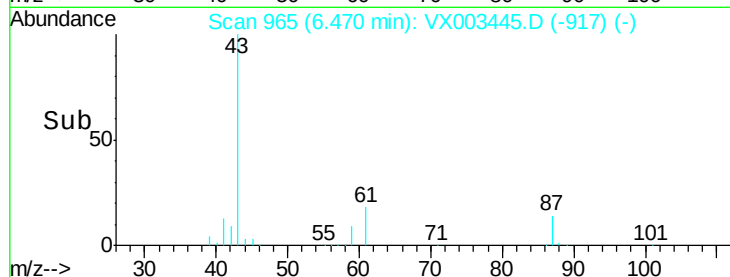


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.44 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

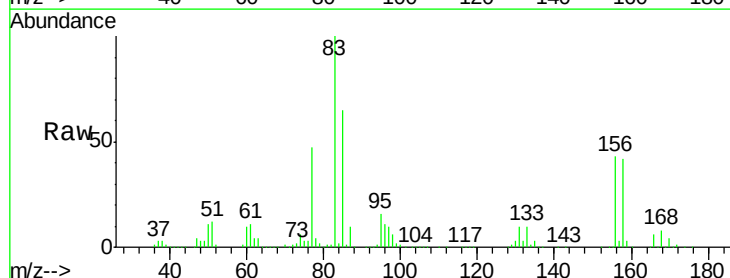
Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Tgt Ion: 83 Resp: 256702

Ion Ratio Lower Upper

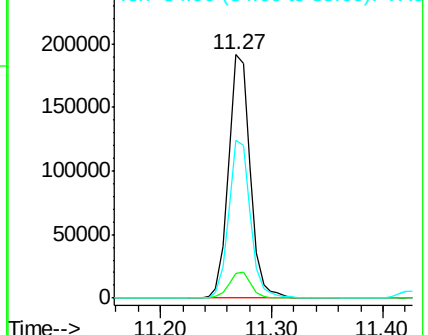
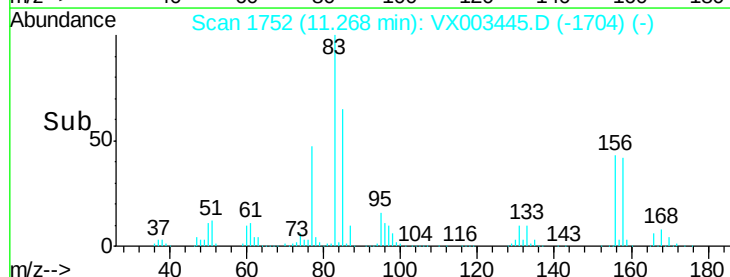
83	100		
131	10.6	5.6	16.8
85	64.7	32.4	97.2

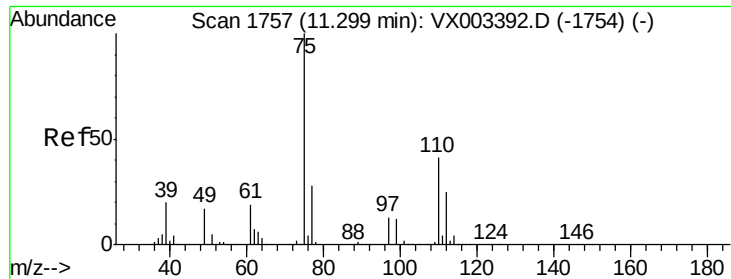


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



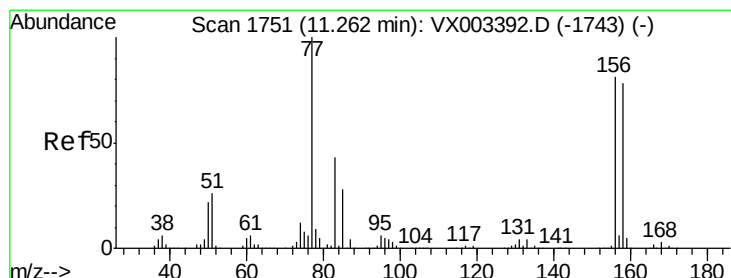
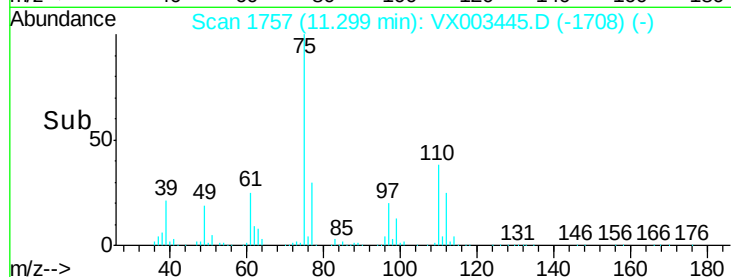
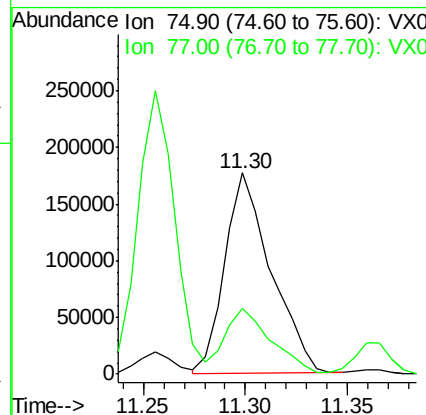
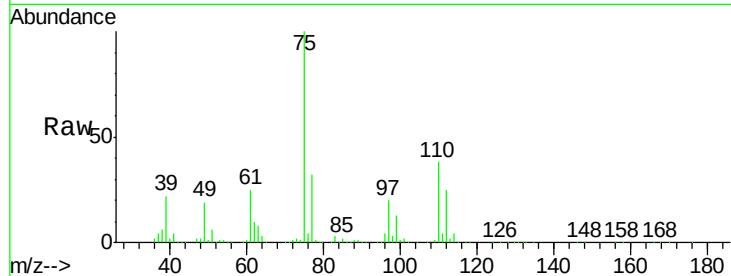


#76

1,2,3-Trichloropropane
Concen: 30.85 ug/l
RT: 11.30 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :

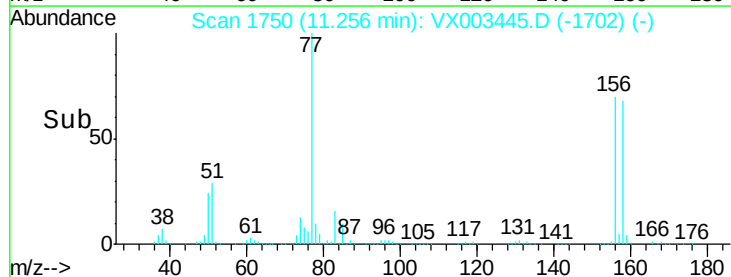
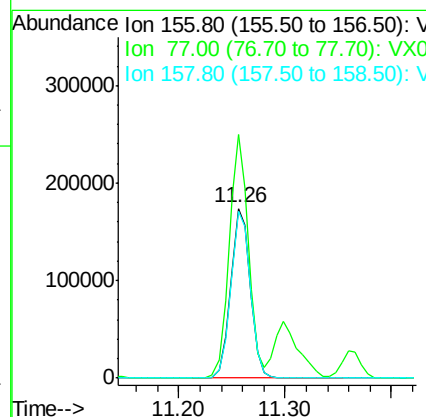
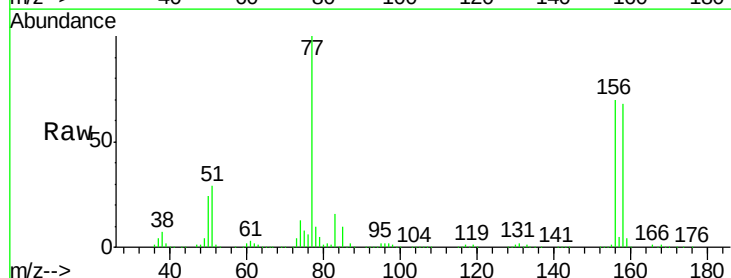
Tot Ion: 75 Resp: 277549
Ion Ratio Lower Upper
75 100
77 32.8 22.8 68.3

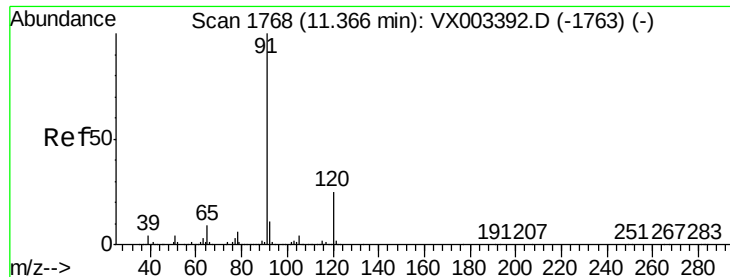


#77

Bromobenzene
Concen: 24.79 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.01 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion: 156 Resp: 224106
Ion Ratio Lower Upper
156 100
77 140.1 71.4 214.2
158 97.9 48.9 146.6





#78

n-propylbenzene

Concen: 25.37 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

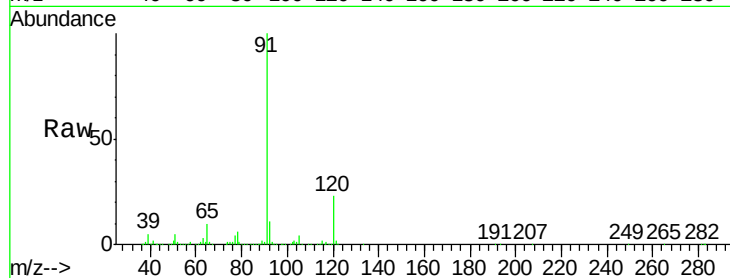
ClientSampled :

Tot Ion: 91 Resp: 902025

Ion Ratio Lower Upper

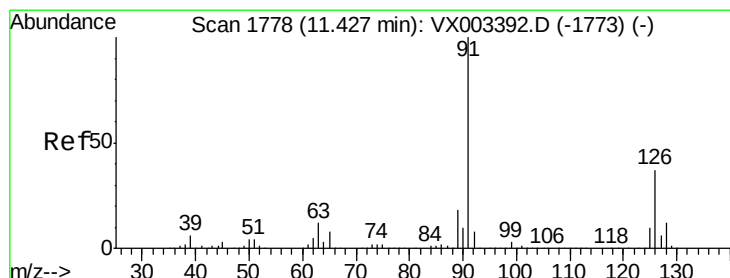
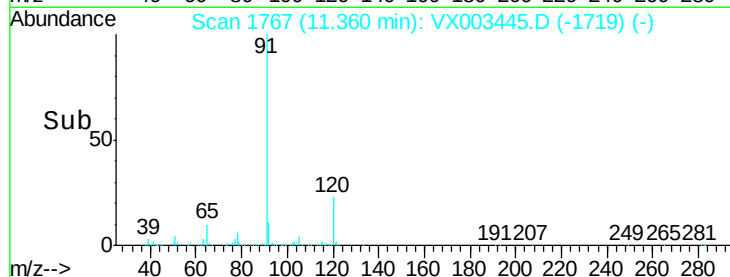
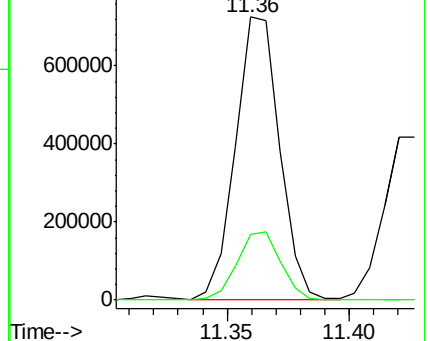
91 100

120 24.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 25.15 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003445.D

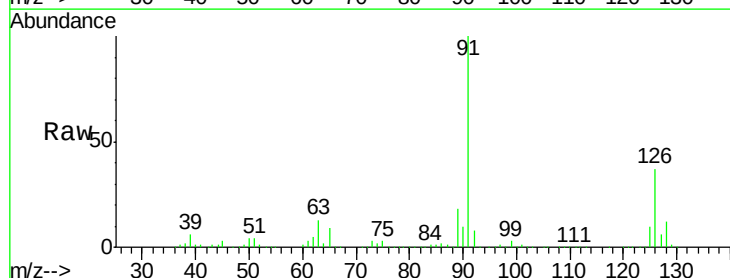
Acq: 18 Jul 2018 14:15

Tgt Ion: 91 Resp: 548252

Ion Ratio Lower Upper

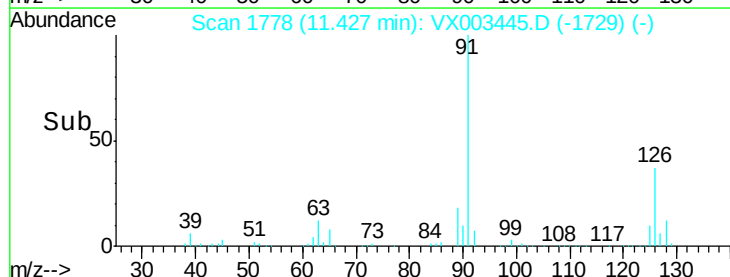
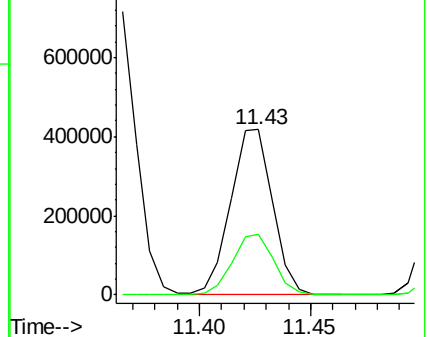
91 100

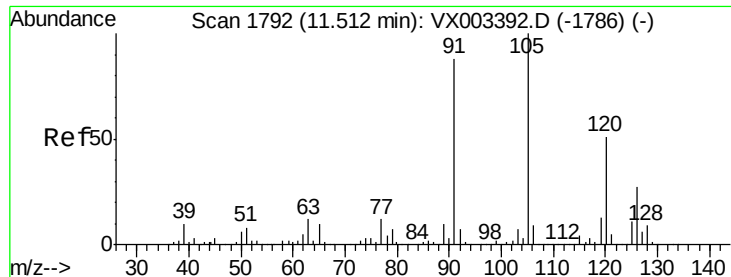
126 36.3 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

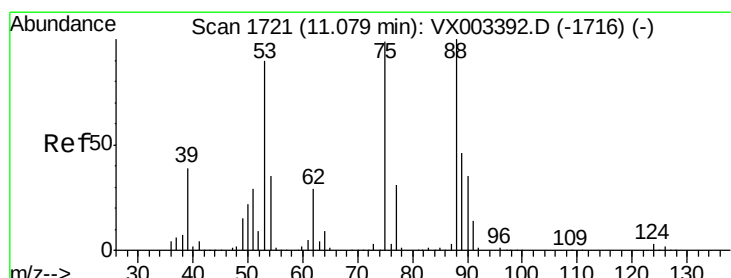
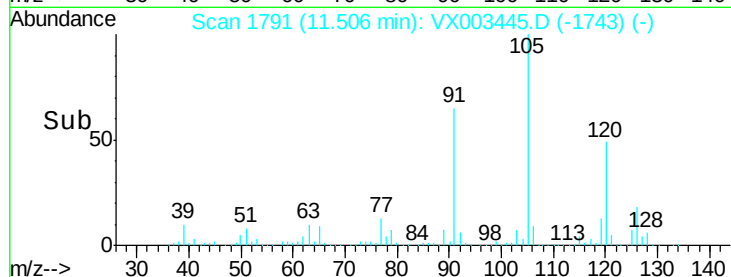
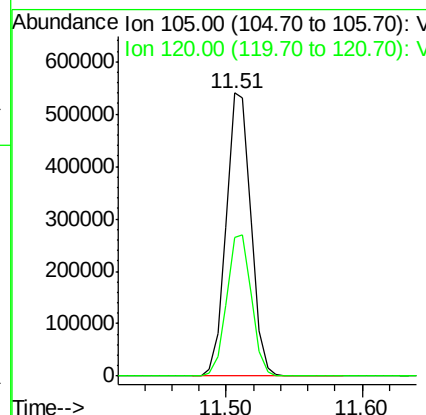
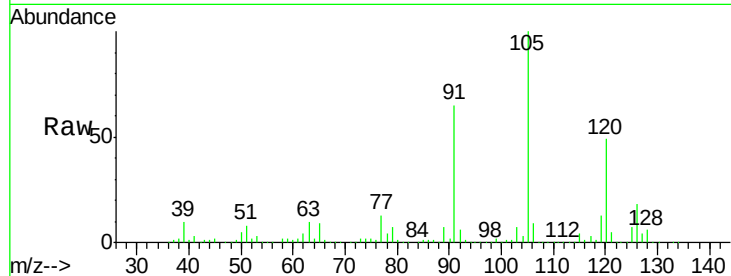




#80
 1,3,5-Trimethylbenzene
 Concen: 26.02 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

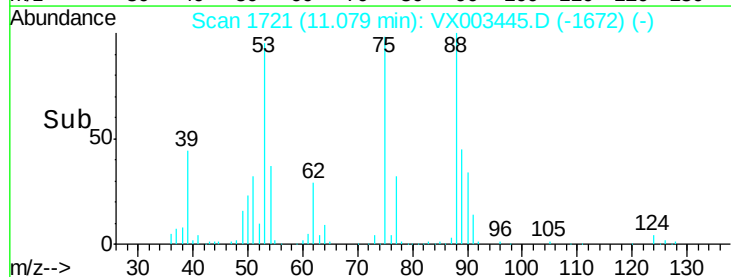
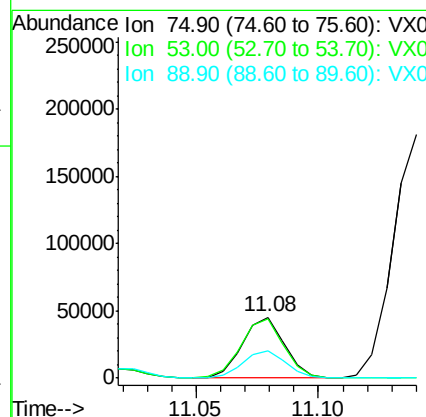
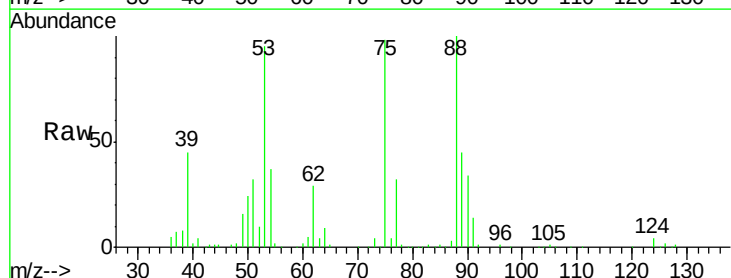
Instrument :
 MSVOA_X
 ClientSampled :

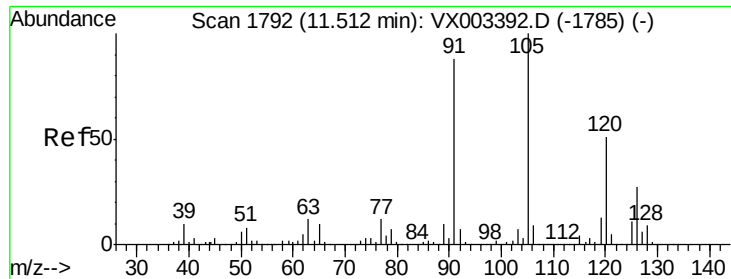
Tot Ion:105 Resp: 676398
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.65 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

Tgt Ion: 75 Resp: 54416
 Ion Ratio Lower Upper
 75 100
 53 98.0 86.8 130.2
 89 46.9 38.2 57.2

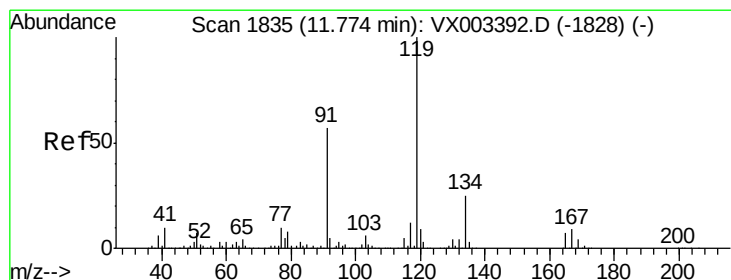
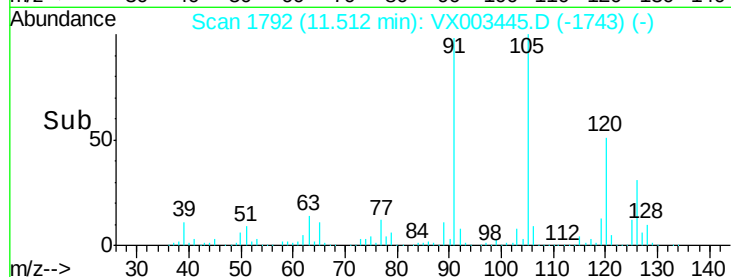
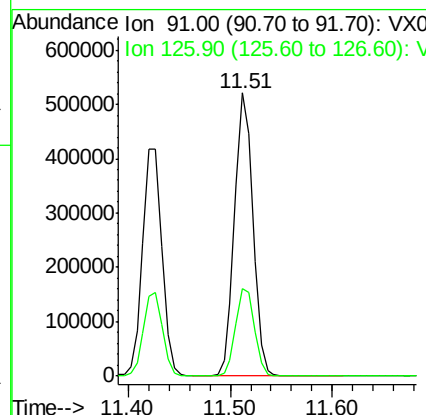
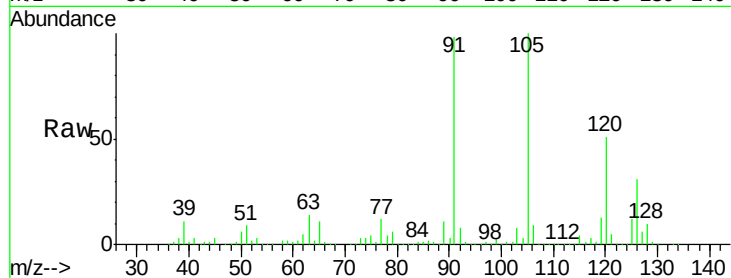




#82
4-Chlorotoluene
Concen: 25.45 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

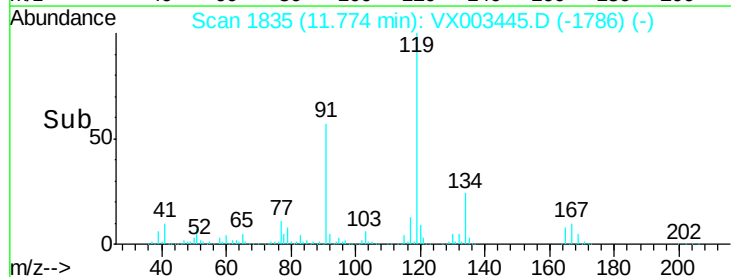
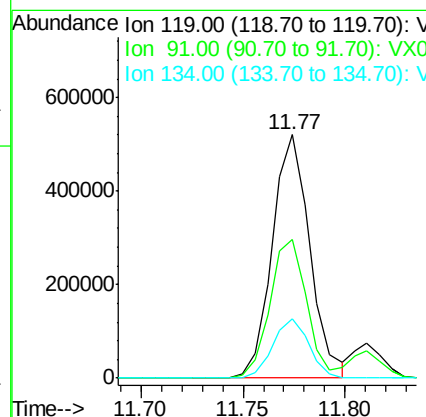
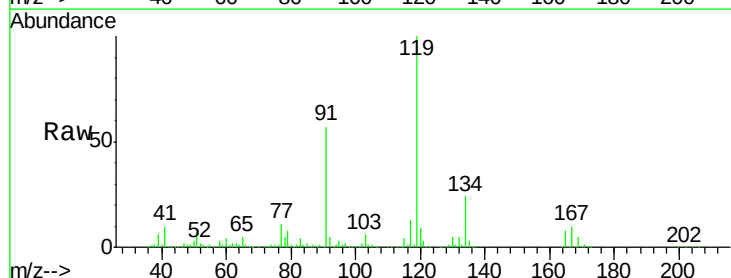
Instrument :
MSVOA_X
ClientSampled :

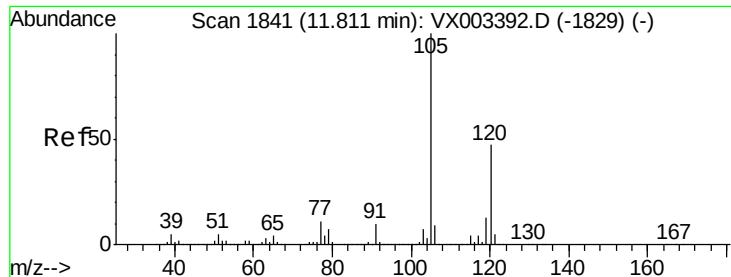
Tot Ion: 91 Resp: 647320
Ion Ratio Lower Upper
91 100
126 31.9 15.4 46.4



#83
tert-Butylbenzene
Concen: 26.40 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003445.D
Acq: 18 Jul 2018 14:15

Tgt Ion: 119 Resp: 670720
Ion Ratio Lower Upper
119 100
91 55.2 30.3 90.9
134 23.5 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 26.16 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

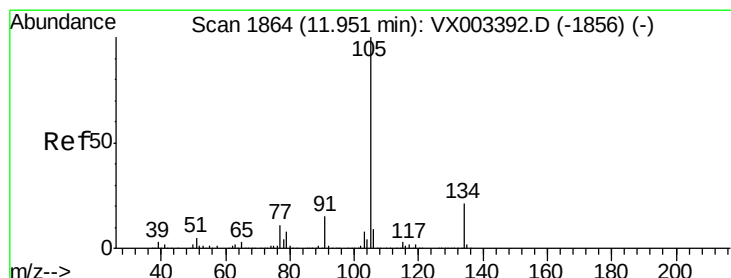
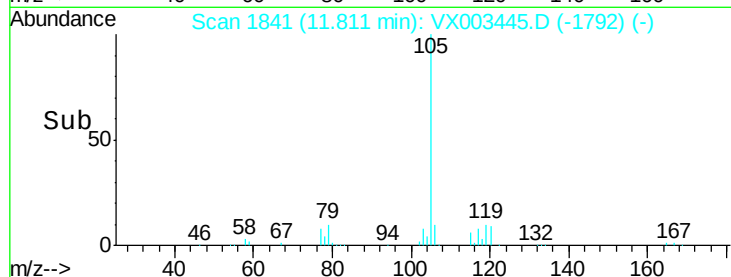
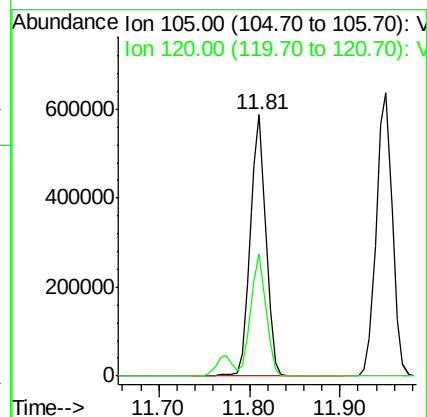
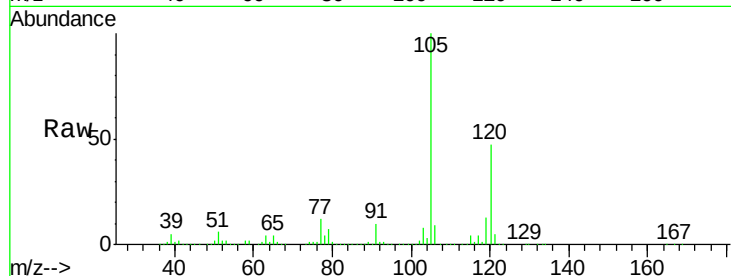
ClientSampled :

Tot Ion:105 Resp: 698565

Ion Ratio Lower Upper

105 100

120 46.2 22.3 66.8



#85

sec-Butylbenzene

Concen: 25.35 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003445.D

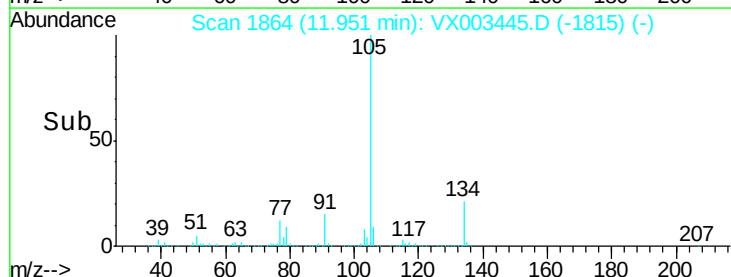
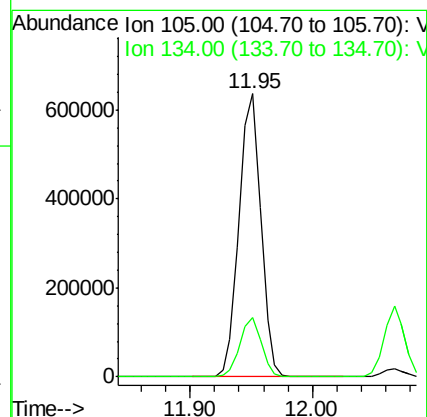
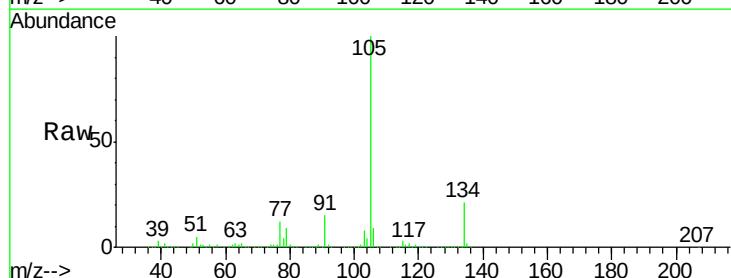
Acq: 18 Jul 2018 14:15

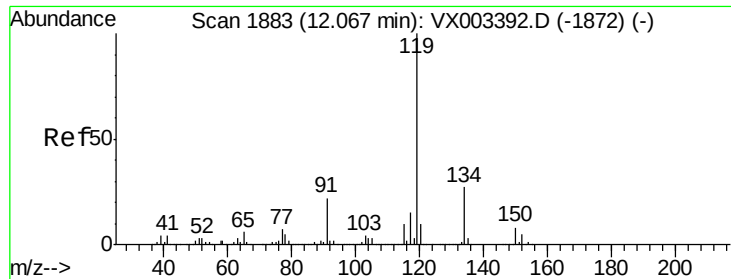
Tgt Ion:105 Resp: 781406

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1

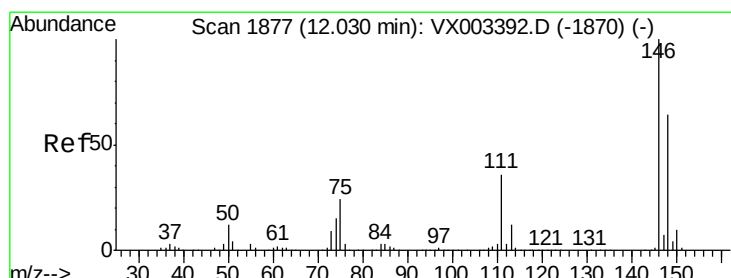
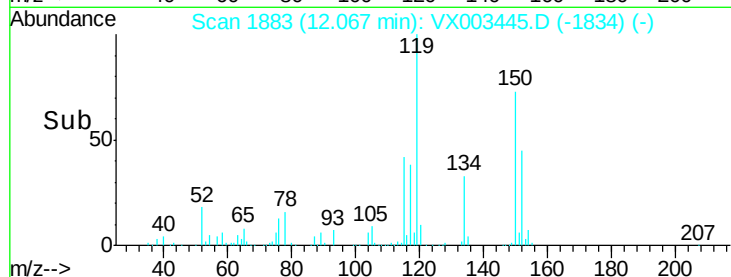
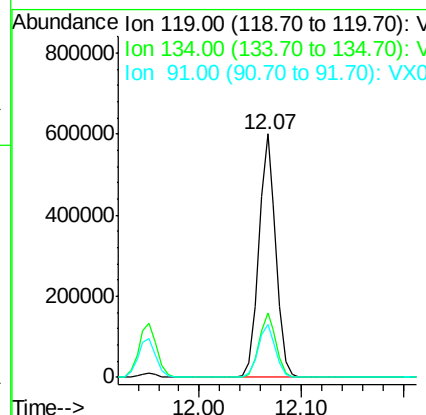
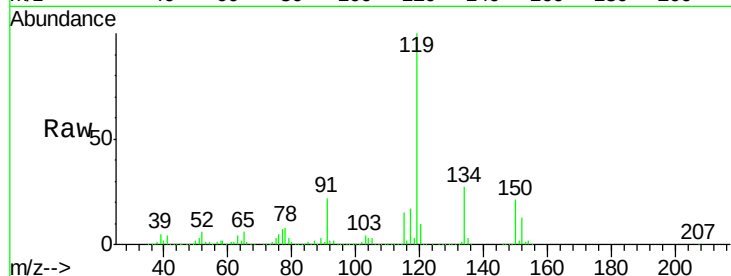




#86
 p-Isopropyltoluene
 Concen: 25.53 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

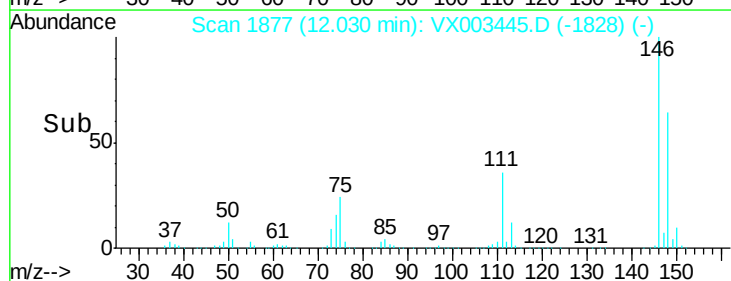
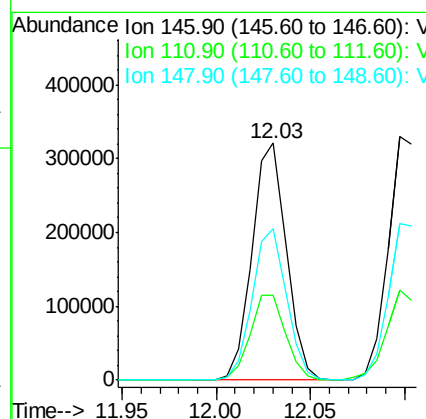
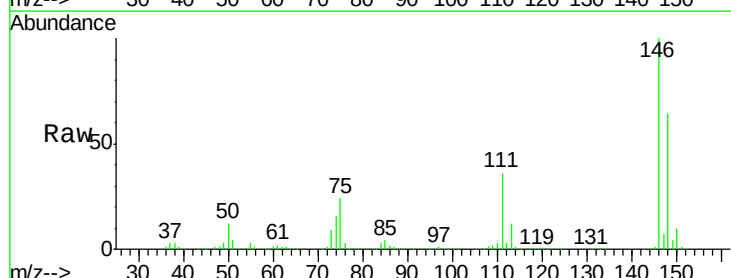
Instrument :
 MSVOA_X
 ClientSampleId :

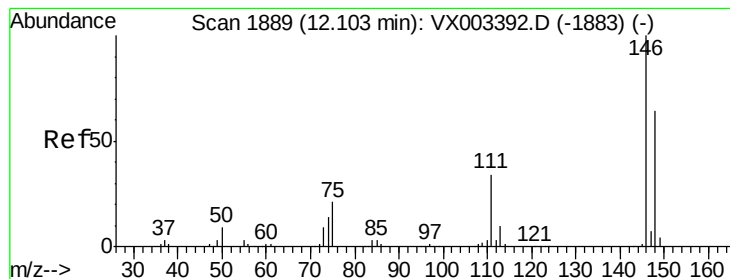
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	22.0	11.9	35.7



#87
 1,3-Dichlorobenzene
 Concen: 24.61 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.7
148	63.8	32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 24.50 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

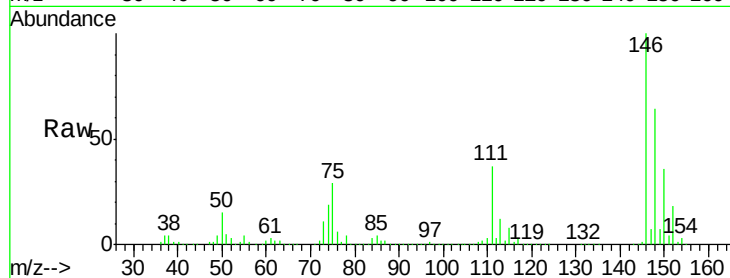
Tot Ion:146 Resp: 411582

Ion Ratio Lower Upper

146 100

111 36.8 18.7 56.1

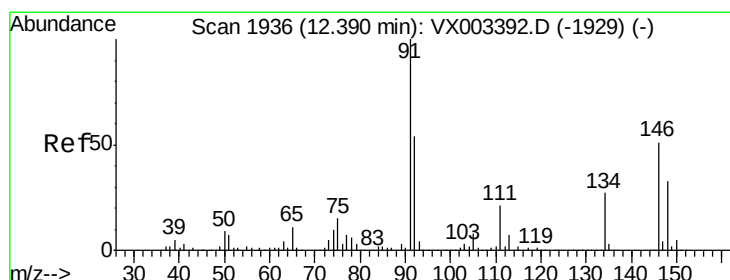
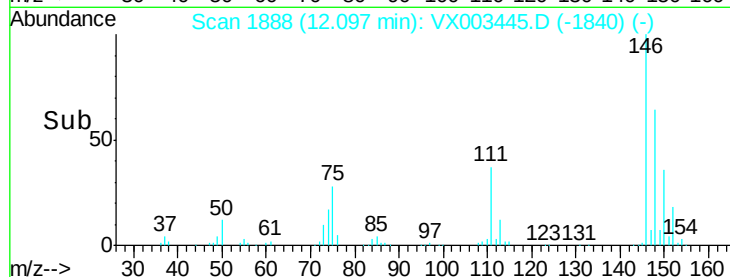
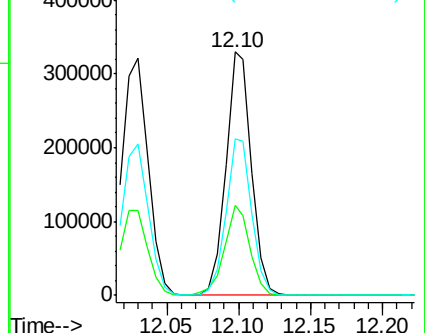
148 64.8 32.4 97.0



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: 24.46 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

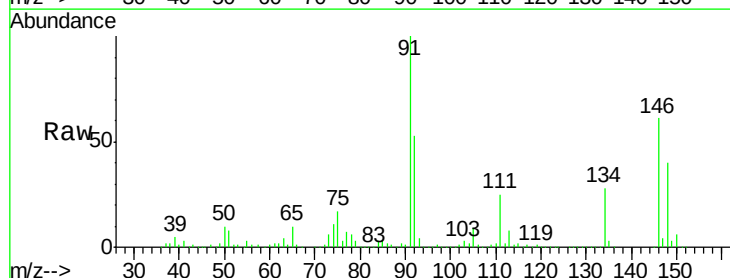
Tgt Ion: 91 Resp: 571694

Ion Ratio Lower Upper

91 100

92 53.0 26.0 78.0

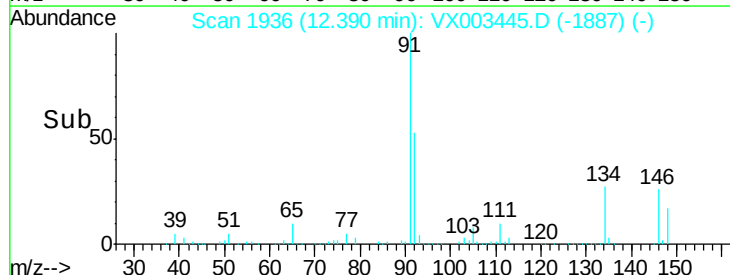
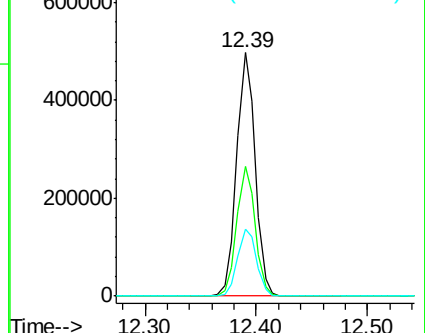
134 28.2 13.5 40.5

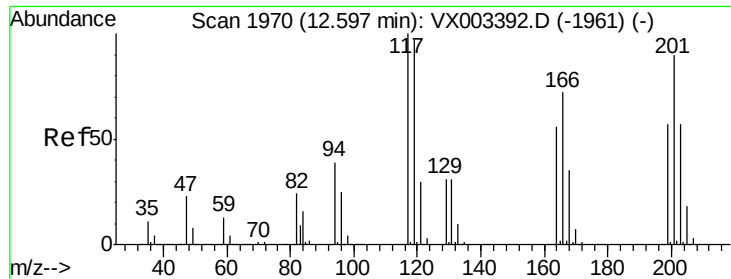


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 25.99 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

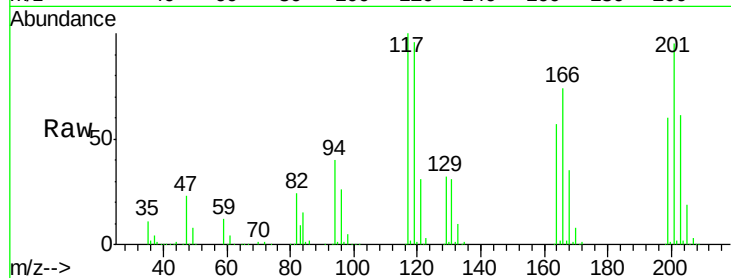
ClientSampled :

Tot Ion:117 Resp: 108030

Ion Ratio Lower Upper

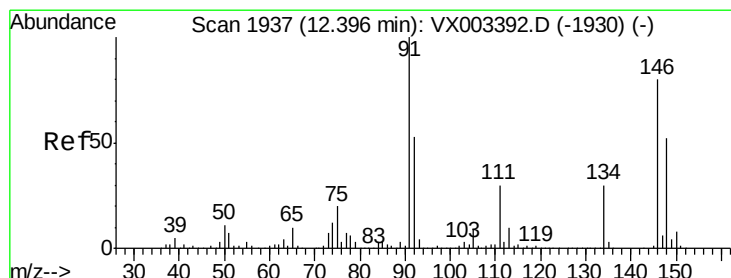
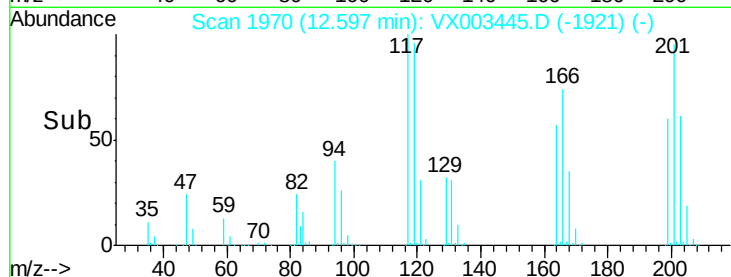
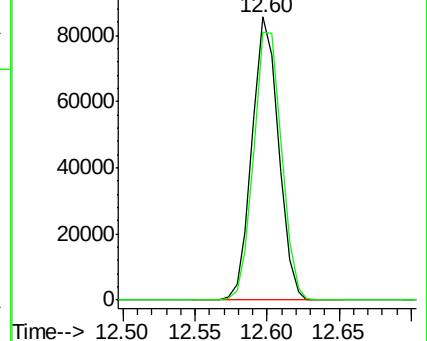
117 100

201 99.7 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 25.93 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

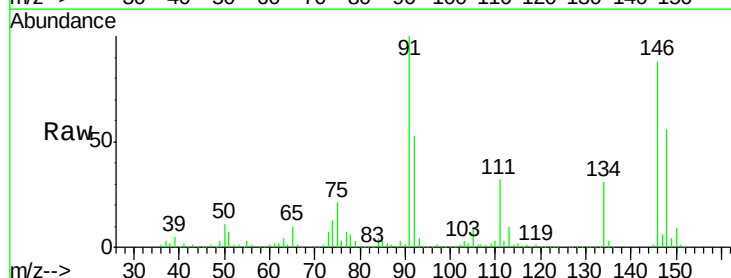
Tgt Ion:146 Resp: 430779

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.1

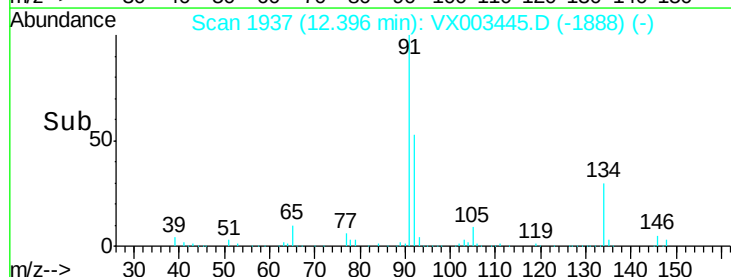
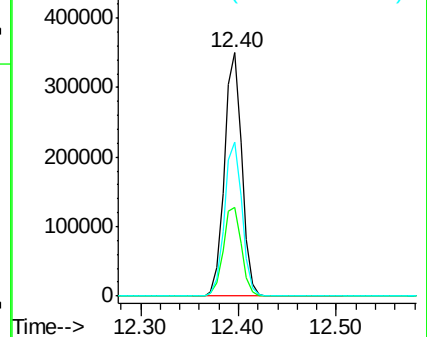
148 64.0 31.7 95.1

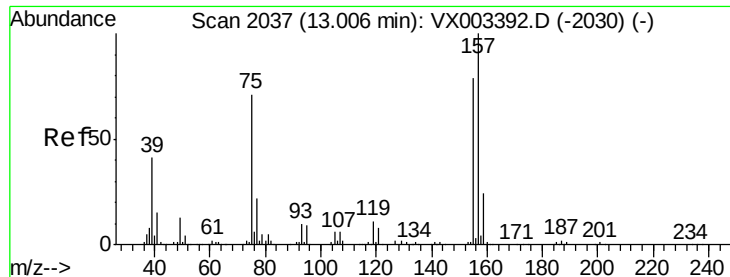


Abundance Ion 145.90 (145.60 to 146.60): V

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: 25.67 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

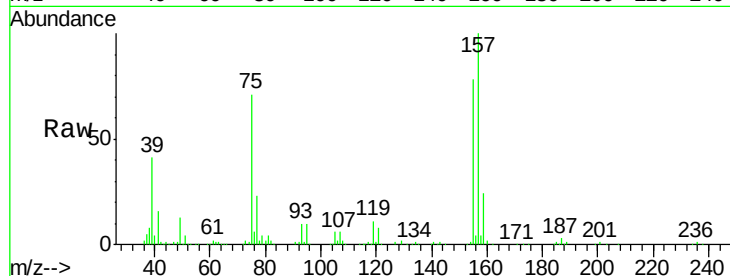
Tot Ion: 75 Resp: 56092

Ion Ratio Lower Upper

75 100

155 103.0 45.8 137.4

157 131.8 60.1 180.3

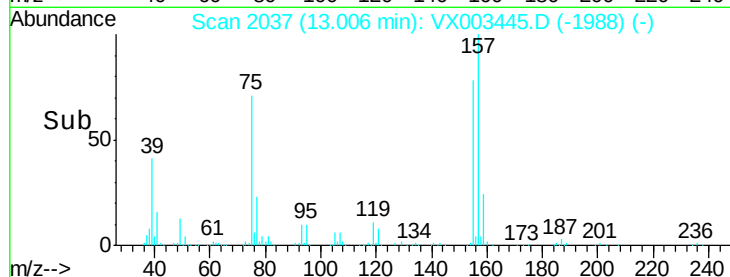


Abundance Ion 74.90 (74.60 to 75.60): VX003392.D (-2030) (-)

Ion 154.80 (154.50 to 155.50): VX003392.D (-2030) (-)

Ion 156.80 (156.50 to 157.50): VX003392.D (-2030) (-)

Time-->

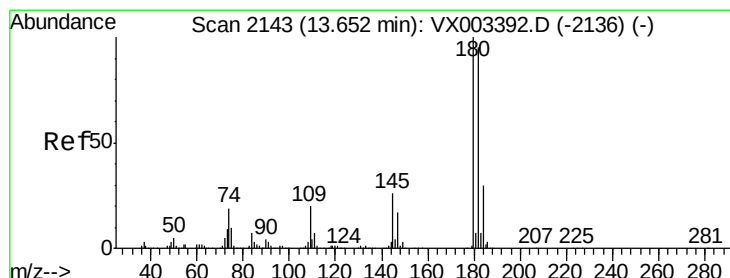


Abundance Ion 74.90 (74.60 to 75.60): VX003445.D (-1988) (-)

Ion 154.80 (154.50 to 155.50): VX003445.D (-1988) (-)

Ion 156.80 (156.50 to 157.50): VX003445.D (-1988) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 25.27 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

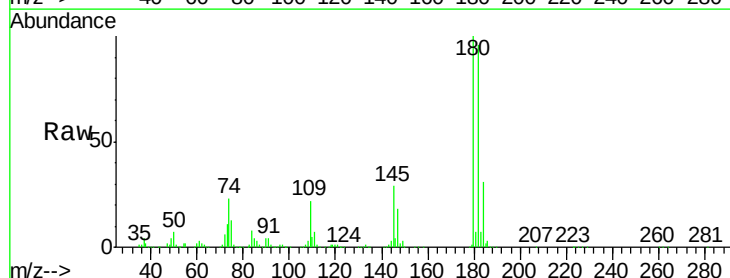
Tgt Ion: 180 Resp: 287243

Ion Ratio Lower Upper

180 100

182 95.6 47.7 143.1

145 27.9 14.1 42.4

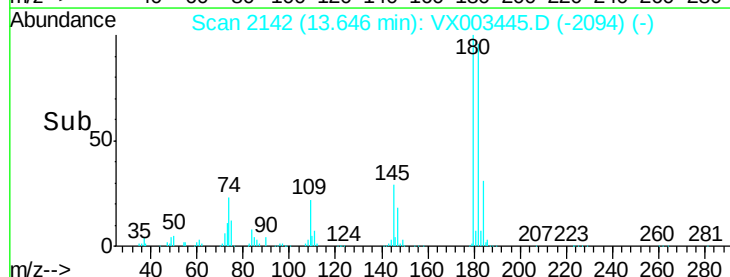


Abundance Ion 179.80 (179.50 to 180.50): VX003392.D (-2136) (-)

Ion 181.80 (181.50 to 182.50): VX003392.D (-2136) (-)

Ion 144.80 (144.50 to 145.50): VX003392.D (-2136) (-)

Time-->

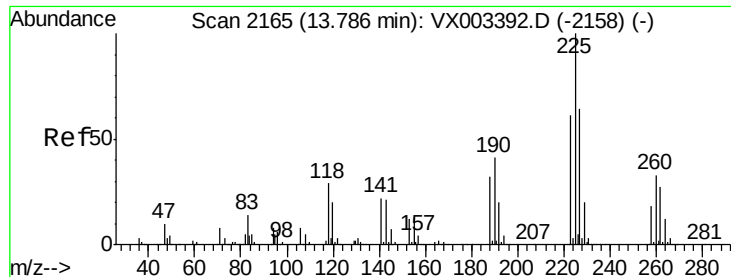


Abundance Ion 179.80 (179.50 to 180.50): VX003445.D (-2094) (-)

Ion 181.80 (181.50 to 182.50): VX003445.D (-2094) (-)

Ion 144.80 (144.50 to 145.50): VX003445.D (-2094) (-)

Time-->



#94

Hexachlorobutadiene

Concen: 22.30 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

Instrument :

MSVOA_X

ClientSampled :

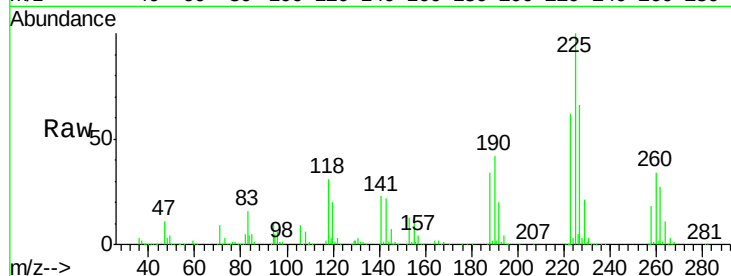
Tot Ion:225 Resp: 122066

Ion Ratio Lower Upper

225 100

223 62.4 31.6 95.0

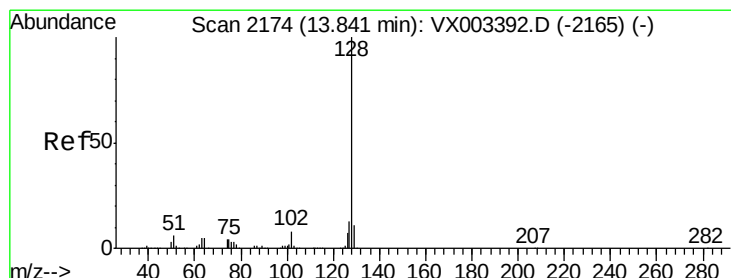
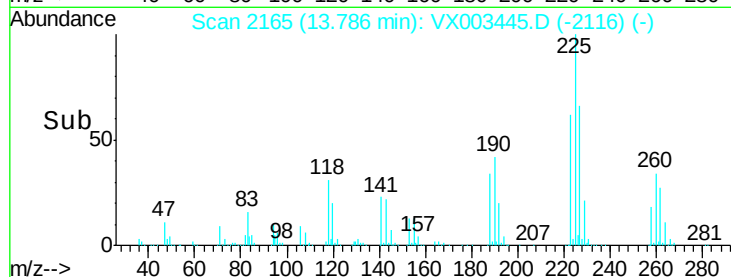
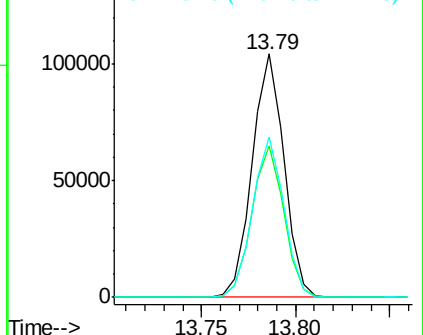
227 64.9 32.4 97.2



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: 26.77 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003445.D

Acq: 18 Jul 2018 14:15

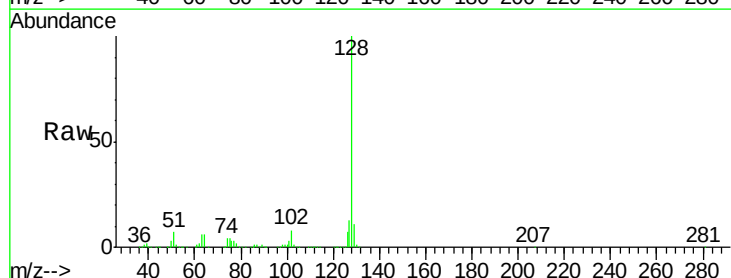
Tgt Ion:128 Resp: 872369

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

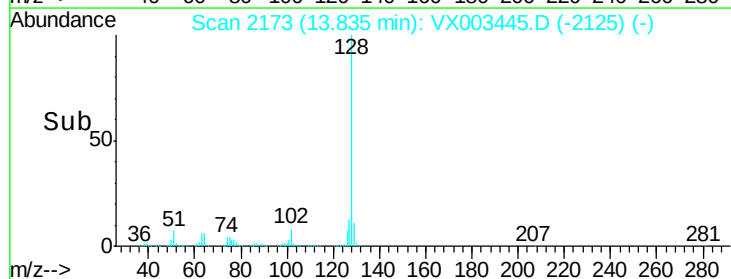
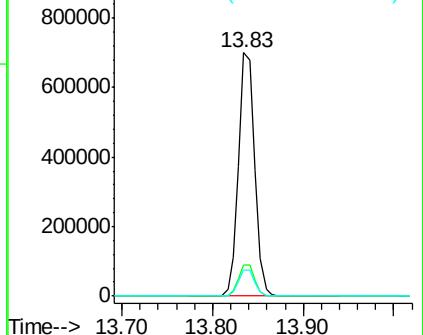
129 10.8 8.6 13.0

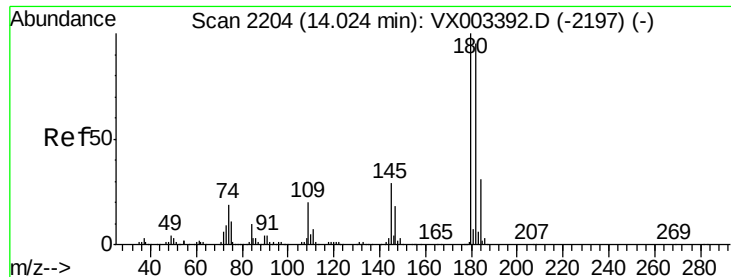


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 24.77 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003445.D
 Acq: 18 Jul 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.0
145	29.7	14.8	44.3

