

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030218\
 Data File : VX000192.D
 Acq On : 02 Mar 2018 15:36
 Operator : JC/MD
 Sample : VX0302WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 04:41:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	93186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	153921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	86589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	64496	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
35) Dibromofluoromethane	5.52	113	50643	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	8.73	98	195491	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.15	95	77472	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32942	34.33	ug/l	100
3) Chloromethane	1.32	50	27493	29.22	ug/l	98
4) Vinyl Chloride	1.41	62	32706	31.20	ug/l	99
5) Bromomethane	1.65	94	26094	30.45	ug/l	96
6) Chloroethane	1.73	64	20209	28.70	ug/l	97
7) Trichlorofluoromethane	1.94	101	50702	27.05	ug/l	98
8) Diethyl Ether	2.20	74	17045	26.35	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27979	26.70	ug/l	96
10) Methyl Iodide	2.52	142	25600	22.31	ug/l	94
11) Tert butyl alcohol	3.07	59	48158	107.39	ug/l	98
12) 1,1-Dichloroethene	2.38	96	25151	25.77	ug/l	85
13) Acrolein	2.30	56	35499	165.73	ug/l	99
14) Allyl chloride	2.73	41	44224	27.07	ug/l	94
15) Acrylonitrile	3.16	53	95853	125.16	ug/l	98
16) Acetone	2.45	43	111578	147.84	ug/l	99
17) Carbon Disulfide	2.58	76	69651	24.24	ug/l	99
18) Methyl Acetate	2.78	43	44020	24.87	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	88630	26.46	ug/l	95
20) Methylene Chloride	2.87	84	27780	28.19	ug/l	97
21) trans-1,2-Dichloroethene	3.18	96	27260	25.77	ug/l	89
22) Diisopropyl ether	3.88	45	81669	28.61	ug/l	90
23) Vinyl Acetate	3.84	43	403525	152.12	ug/l	96
24) 1,1-Dichloroethane	3.71	63	48787	28.85	ug/l	99
25) 2-Butanone	4.72	43	127788	121.28	ug/l	98
26) 2,2-Dichloropropane	4.60	77	34830	23.69	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	25157	24.96	ug/l	98
28) Bromochloromethane	5.04	49	17732	23.39	ug/l	88
29) Tetrahydrofuran	5.18	42	80022	116.63	ug/l	97
30) Chloroform	5.23	83	44386	24.94	ug/l	100
31) Cyclohexane	5.59	56	36543	25.13	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	39847	24.33	ug/l	97
36) 1,1-Dichloropropene	5.81	75	34169	24.74	ug/l	96
37) Ethyl Acetate	4.87	43	44996	23.71	ug/l	97
38) Carbon Tetrachloride	5.79	117	33081	22.17	ug/l	94

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 ClientSampleId :

Quant Time: Mar 03 04:41:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	40653	24.45	ug/l	97
40) Benzene	6.16	78	99579	25.23	ug/l	97
41) Methacrylonitrile	5.08	41	23555	25.61	ug/l	96
42) 1,2-Dichloroethane	6.21	62	38247	26.41	ug/l	98
43) Isopropyl Acetate	6.48	43	65996	24.12	ug/l	98
44) Trichloroethene	7.23	130	27990	24.08	ug/l	98
45) 1,2-Dichloropropane	7.52	63	24174	24.99	ug/l	93
46) Dibromomethane	7.67	93	19427	25.74	ug/l	94
47) Bromodichloromethane	7.91	83	34741	24.92	ug/l	99
48) Methyl methacrylate	7.79	41	32834	24.48	ug/l	95
49) 1,4-Dioxane	7.77	88	14250	405.14	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	253757	126.86	ug/l	95
52) Toluene	8.79	92	66755	25.32	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	40410	24.65	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	38553	23.69	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	27149	24.90	ug/l	95
56) Ethyl methacrylate	9.19	69	41245	24.65	ug/l	92
57) 1,3-Dichloropropane	9.38	76	45676	26.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	99061	117.14	ug/l	95
59) 2-Hexanone	9.51	43	211211	124.71	ug/l	96
60) Dibromochloromethane	9.59	129	27527	22.29	ug/l	100
61) 1,2-Dibromoethane	9.68	107	29714	24.56	ug/l	100
64) Tetrachloroethene	9.34	164	26168	23.27	ug/l	95
65) Chlorobenzene	10.15	112	77675	23.82	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	25249	22.13	ug/l	97
67) Ethyl Benzene	10.26	91	133696	24.43	ug/l	99
68) m/p-Xylenes	10.37	106	104105	48.03	ug/l	99
69) o-Xylene	10.71	106	50034	23.94	ug/l	97
70) Styrene	10.72	104	82761	24.21	ug/l	98
71) Bromoform	10.87	173	19960	19.26	ug/l #	98
73) Isopropylbenzene	11.02	105	135362	24.67	ug/l	97
74) N-amyl acetate	6.48	43	65996	23.80	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	47062	24.62	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	55882	31.15	ug/l	80
77) Bromobenzene	11.26	156	33653	22.63	ug/l	89
78) n-propylbenzene	11.37	91	164244	25.39	ug/l	97
79) 2-Chlorotoluene	11.43	91	91368	24.68	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	115428	24.88	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	13035	20.70	ug/l #	84
82) 4-Chlorotoluene	11.52	91	111338	24.86	ug/l	96
83) tert-Butylbenzene	11.78	119	113370	24.20	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	118525	24.61	ug/l	97
85) sec-Butylbenzene	11.96	105	144524	24.84	ug/l	96
86) p-Isopropyltoluene	12.07	119	126790	24.39	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	65103	22.82	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	66754	22.64	ug/l	96
89) n-Butylbenzene	12.40	91	123967	25.29	ug/l	97
90) Hexachloroethane	12.60	117	18244	21.55	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	64251	22.88	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12368	23.31	ug/l	87

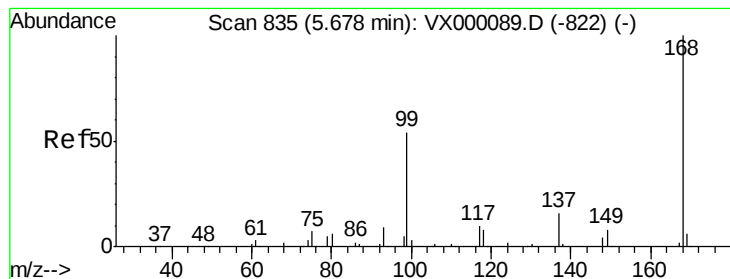
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Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	47088	22.35	ug/l	98
94) Hexachlorobutadiene	13.79	225	19257	20.95	ug/l	99
95) Naphthalene	13.84	128	166869	23.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	46076	22.16	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

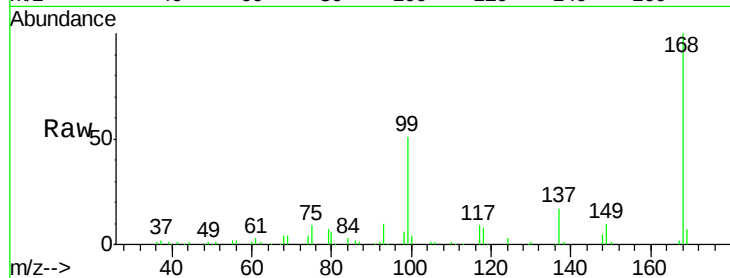
ClientSampleId :

Tot Ion:168 Resp: 93186

Ion Ratio Lower Upper

168 100

99 51.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

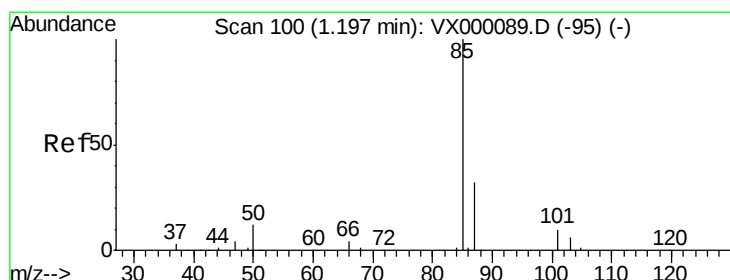
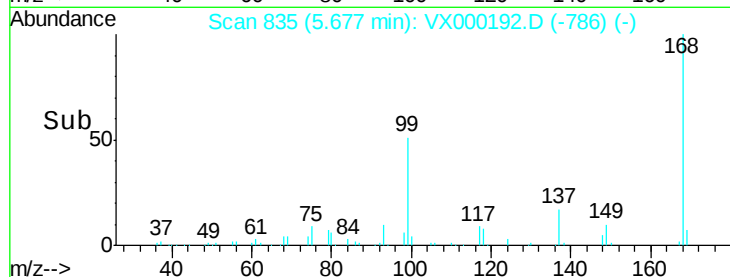
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 34.33 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000192.D

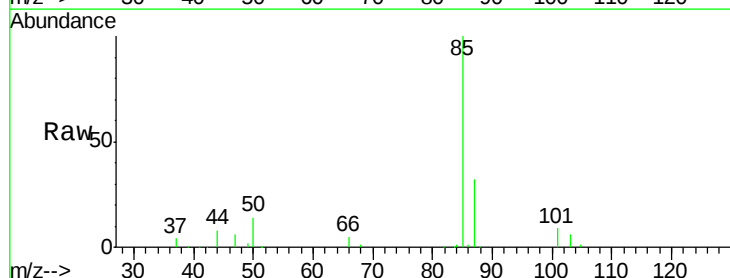
Acq: 02 Mar 2018 15:36

Tgt Ion: 85 Resp: 32942

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

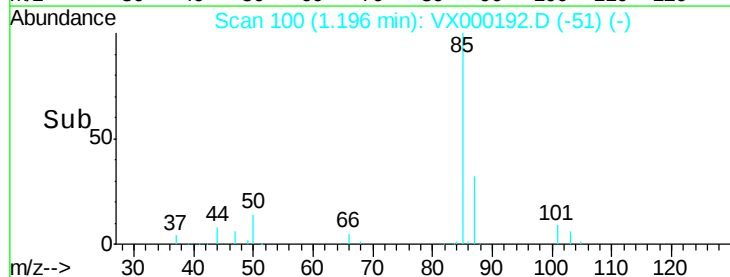
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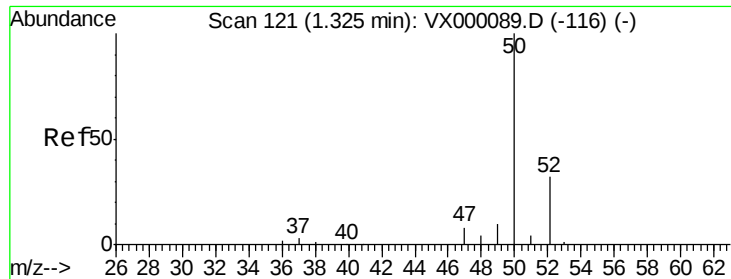
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Time-->

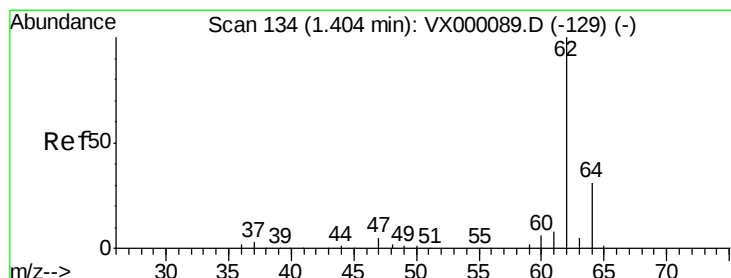
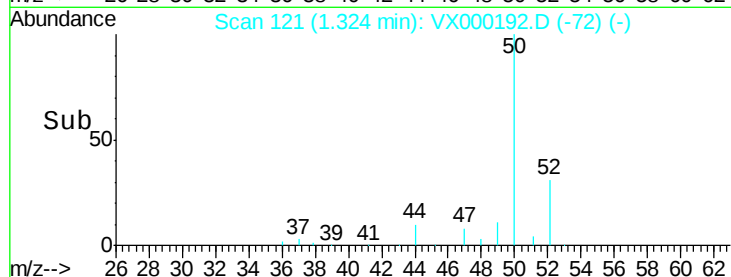
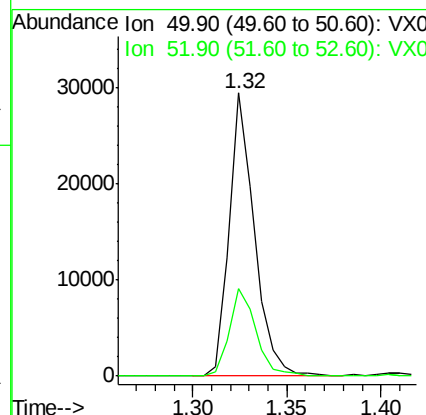
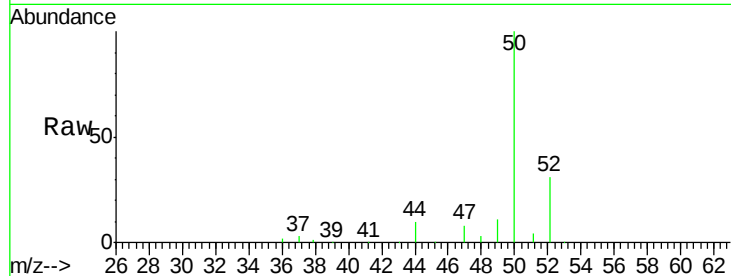




#3
 Chloromethane
 Concen: 29.22 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

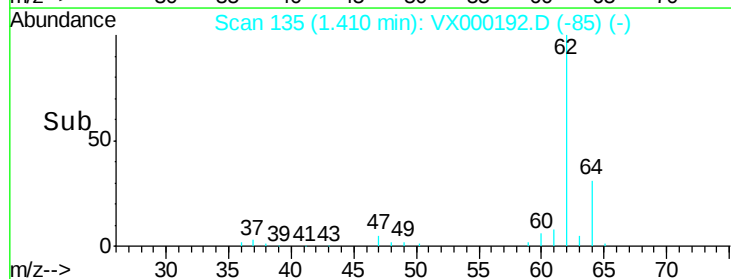
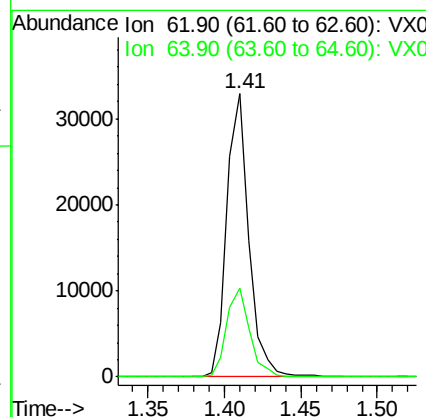
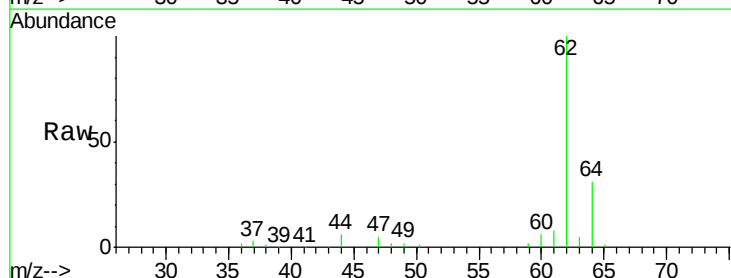
Instrument :
 MSVOA_X
 ClientSampleId :

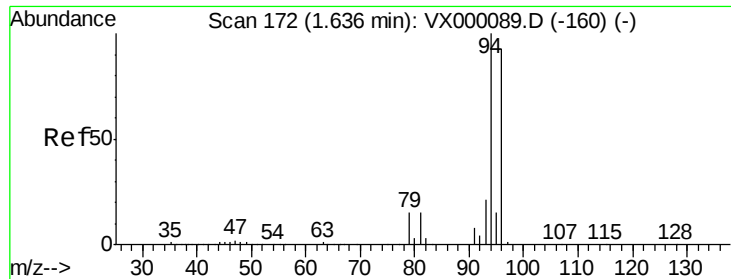
Tot Ion: 50 Resp: 27493
 Ion Ratio Lower Upper
 50 100
 52 31.0 25.9 38.9



#4
 Vinyl Chloride
 Concen: 31.20 ug/l
 RT: 1.41 min Scan# 135
 Delta R.T. 0.01 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Tgt Ion: 62 Resp: 32706
 Ion Ratio Lower Upper
 62 100
 64 31.5 24.6 37.0





#5

Bromomethane

Concen: 30.45 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

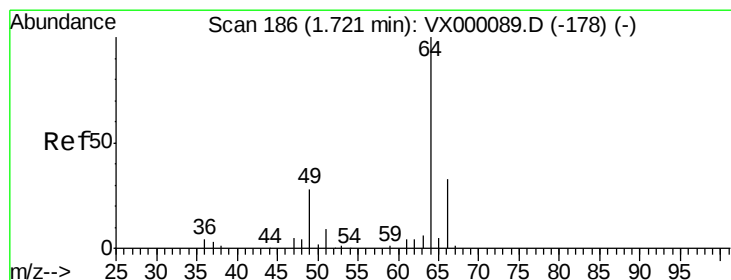
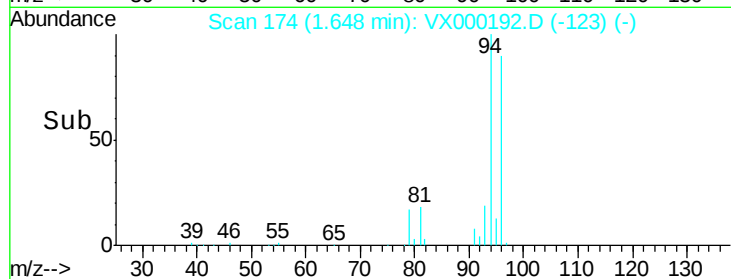
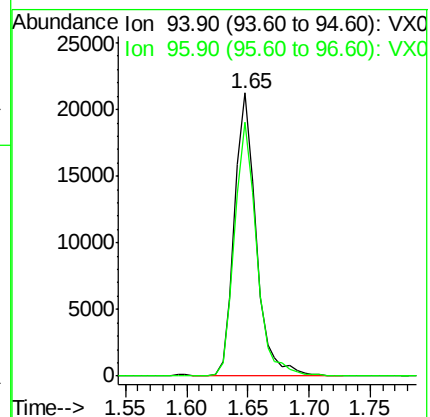
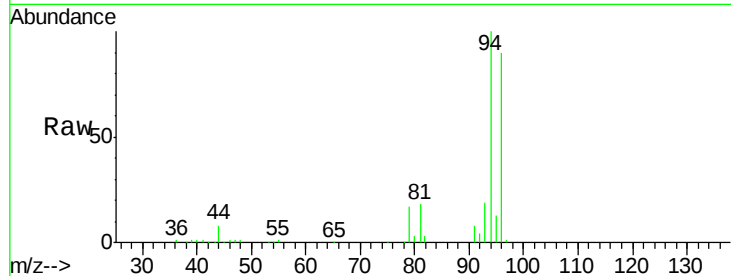
ClientSampleId :

Tot Ion: 94 Resp: 26094

Ion Ratio Lower Upper

94 100

96 89.7 74.6 112.0



#6

Chloroethane

Concen: 28.70 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000192.D

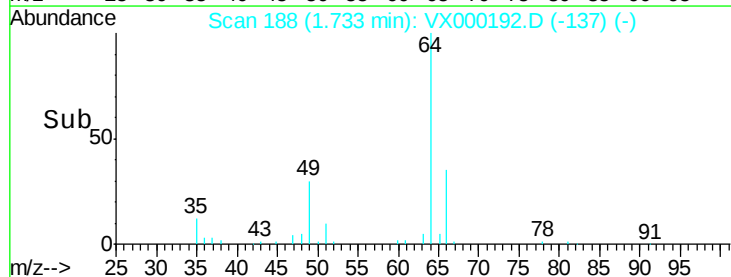
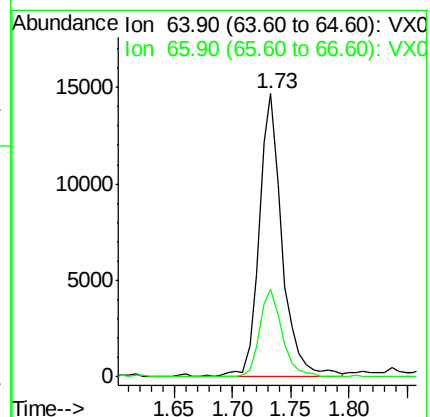
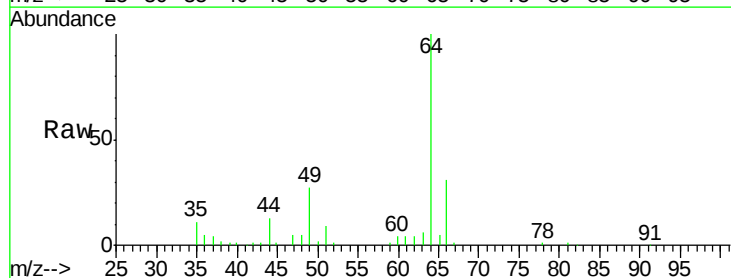
Acq: 02 Mar 2018 15:36

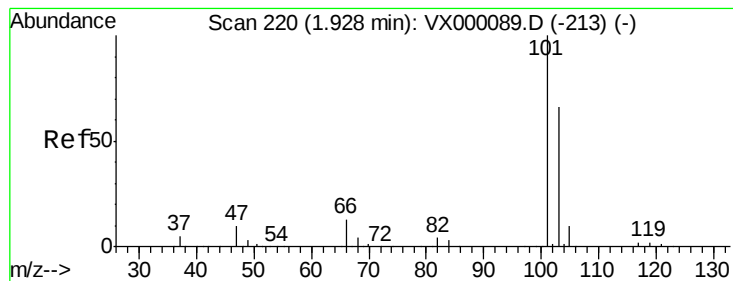
Tgt Ion: 64 Resp: 20209

Ion Ratio Lower Upper

64 100

66 31.1 26.0 39.0



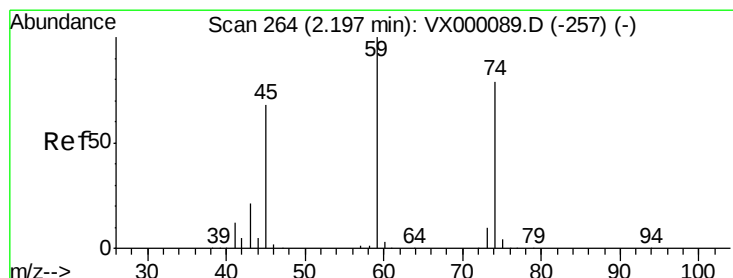
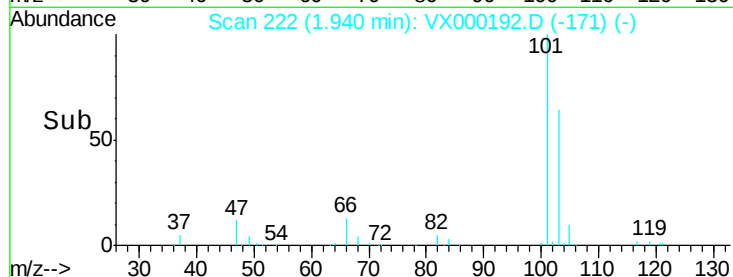
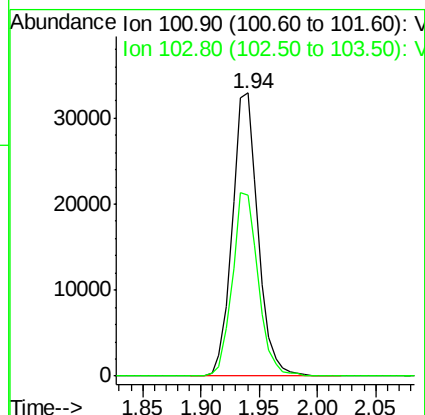
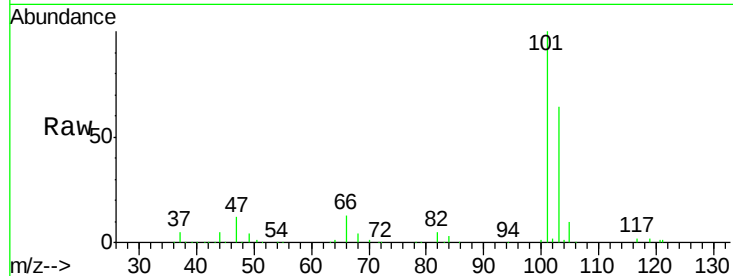


#7

Trichlorofluoromethane
 Concen: 27.05 ug/l
 RT: 1.94 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Instrument :
 MSVOA_X
 ClientSampleId :

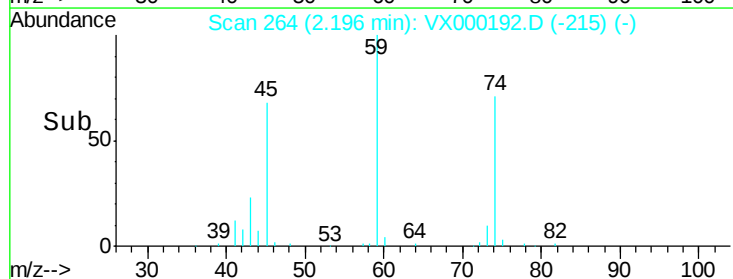
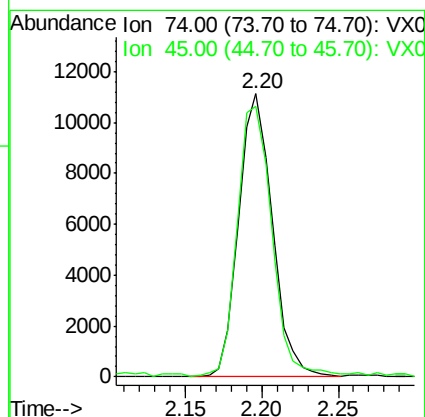
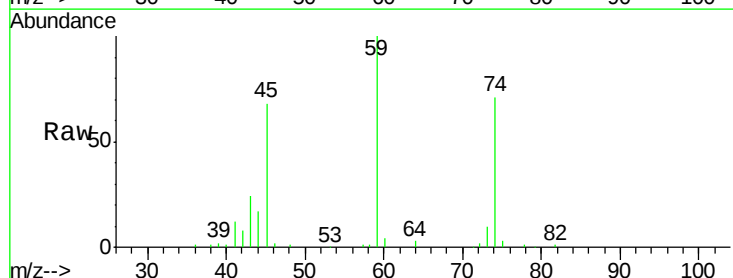
Tot Ion:101 Resp: 50702
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.7 79.1

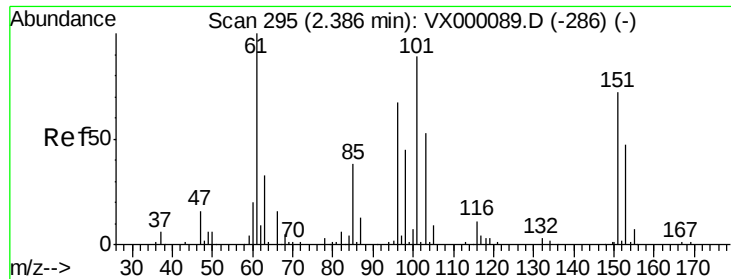


#8

Diethyl Ether
 Concen: 26.35 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Tgt Ion: 74 Resp: 17045
 Ion Ratio Lower Upper
 74 100
 45 98.7 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.70 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

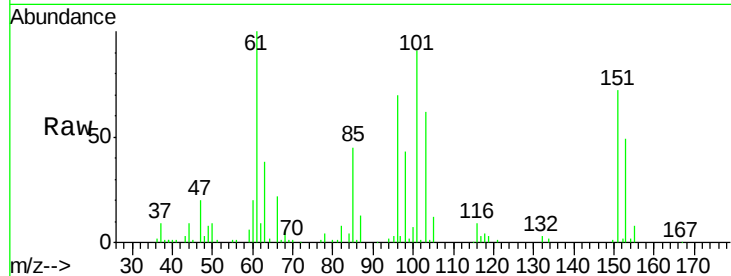
Tot Ion:101 Resp: 27979

Ion Ratio Lower Upper

101 100

85 47.6 36.7 55.1

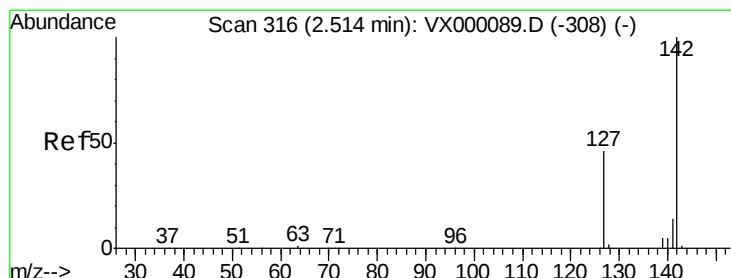
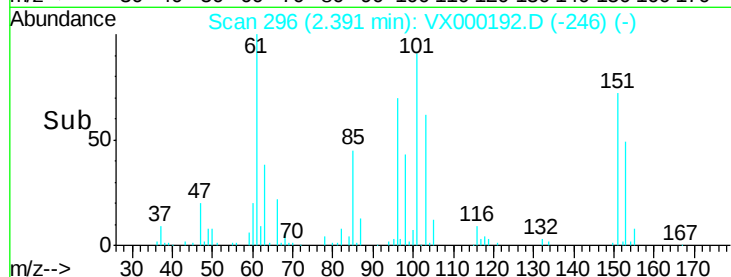
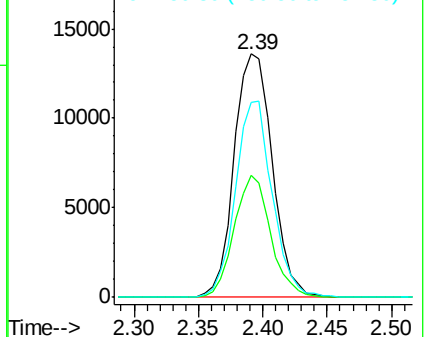
151 77.5 65.8 98.6



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: 22.31 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

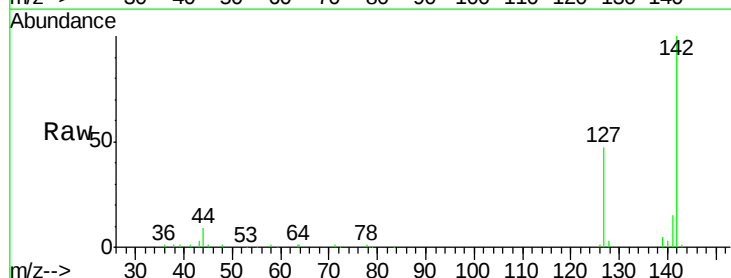
Tgt Ion:142 Resp: 25600

Ion Ratio Lower Upper

142 100

127 50.4 36.8 55.2

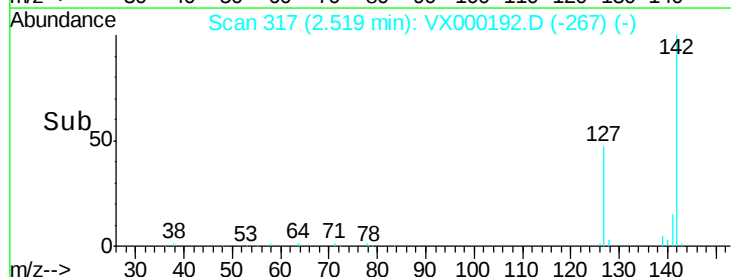
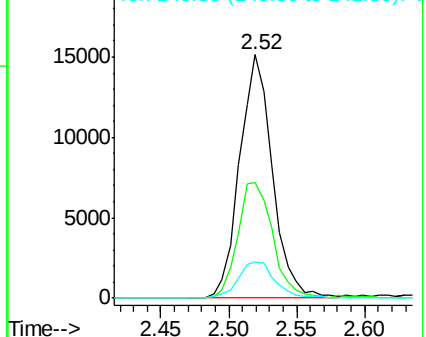
141 16.5 11.6 17.4

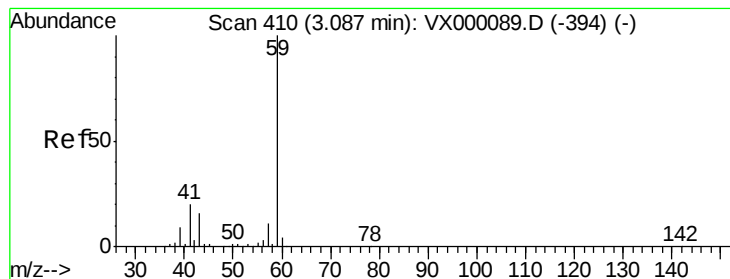


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



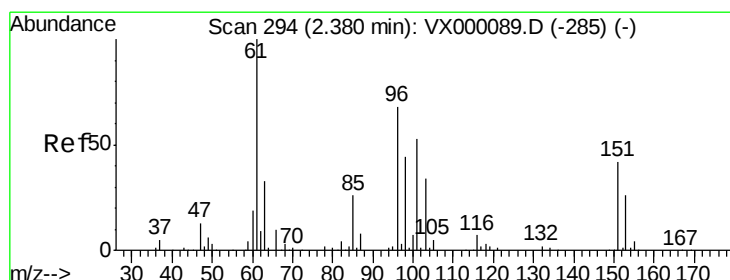
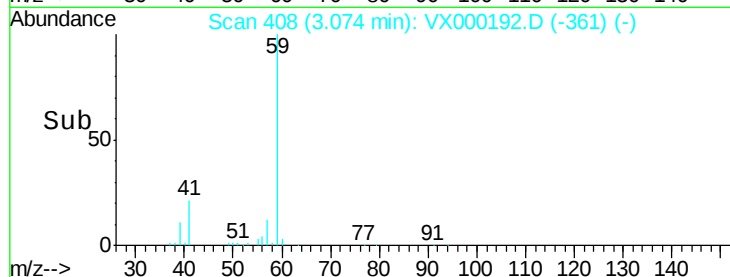
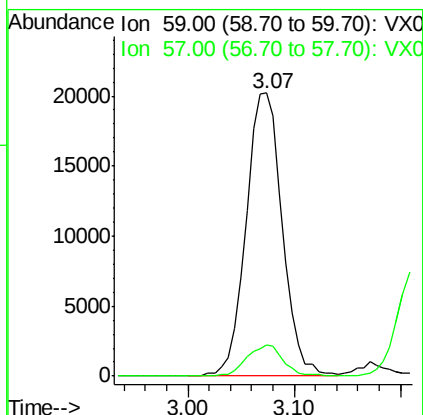
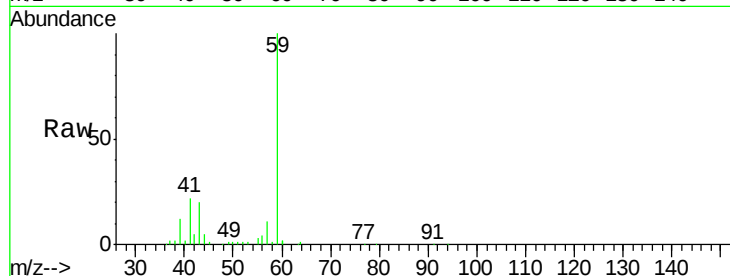


#11

Tert butyl alcohol
 Concen: 107.39 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Instrument :
 MSVOA_X
 ClientSampled :

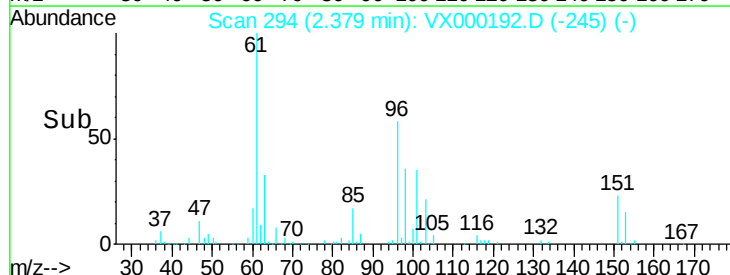
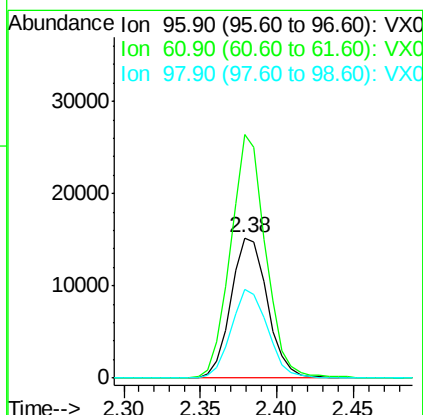
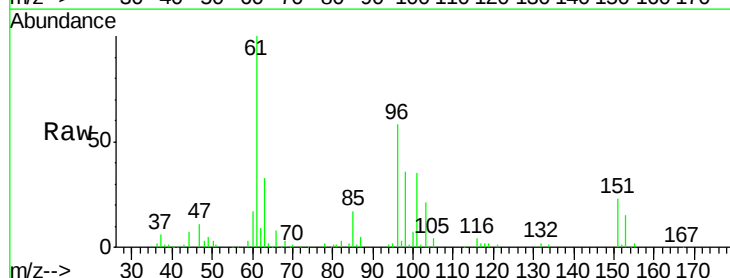
Tot Ion: 59 Resp: 48158
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.3 12.5

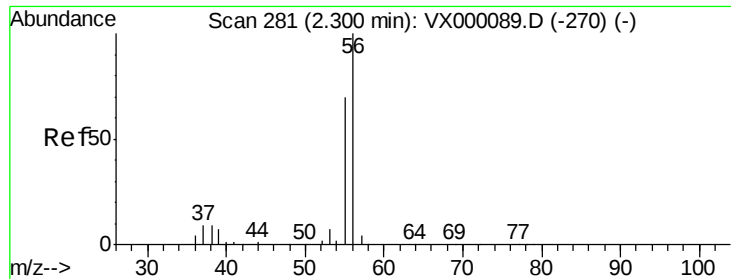


#12

1,1-Dichloroethene
 Concen: 25.77 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Tgt Ion: 96 Resp: 25151
 Ion Ratio Lower Upper
 96 100
 61 173.8 117.7 176.5
 98 63.1 51.3 76.9

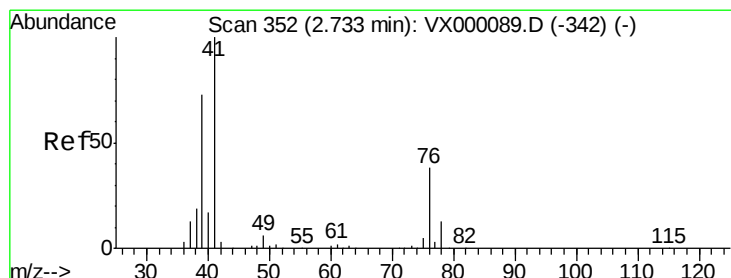
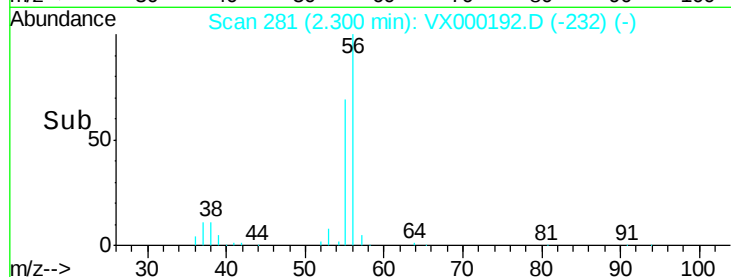
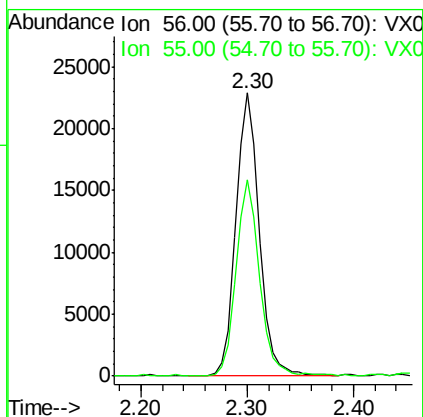
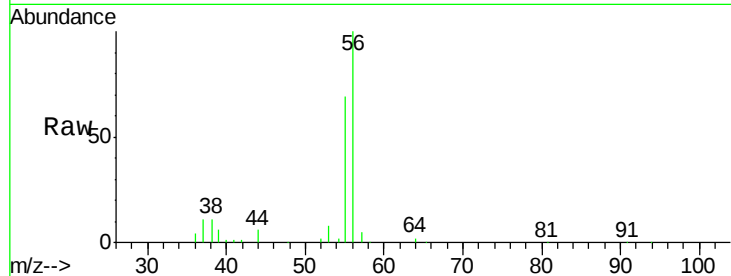




#13
 Acrolein
 Concen: 165.73 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

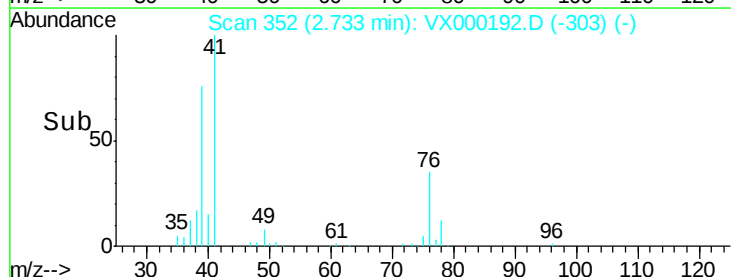
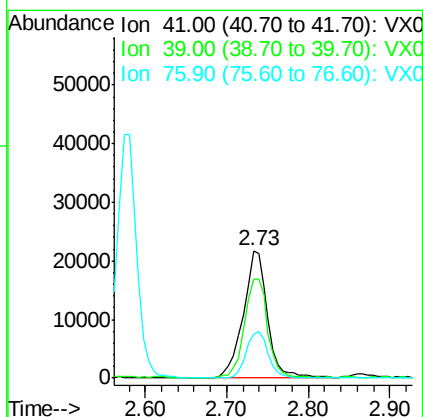
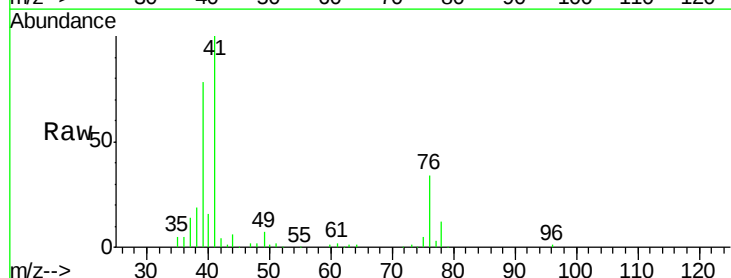
Instrument :
 MSVOA_X
 ClientSampled :

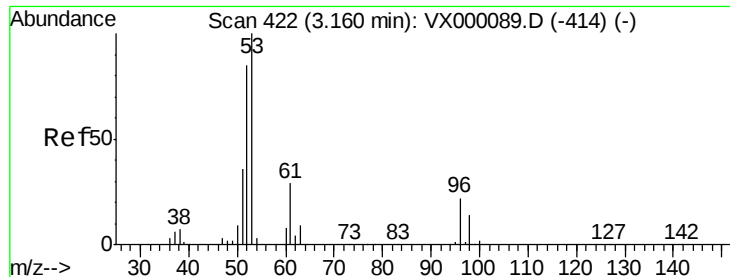
Tot Ion: 56 Resp: 35499
 Ion Ratio Lower Upper
 56 100
 55 69.1 56.2 84.4



#14
 Allyl chloride
 Concen: 27.07 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Tgt Ion: 41 Resp: 44224
 Ion Ratio Lower Upper
 41 100
 39 75.1 55.1 82.7
 76 33.9 28.5 42.7





#15

Acrylonitrile

Concen: 125.16 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

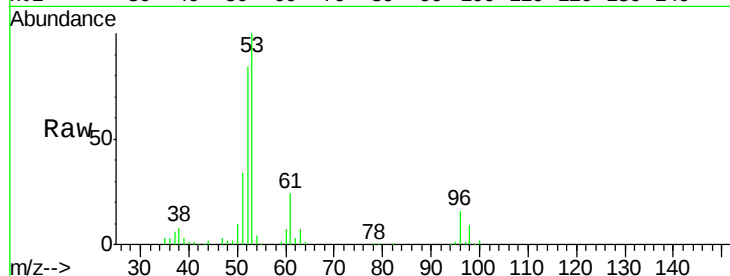
Tot Ion: 53 Resp: 95853

Ion Ratio Lower Upper

53 100

52 85.4 66.5 99.7

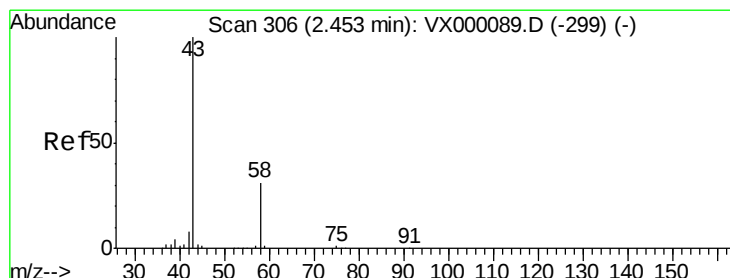
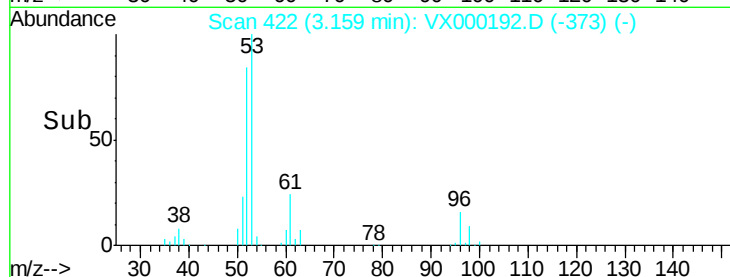
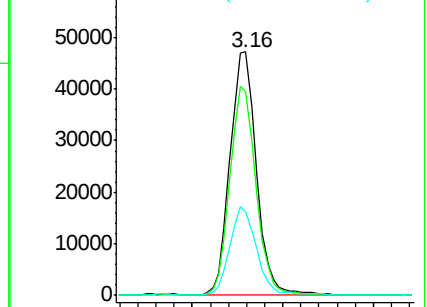
51 37.4 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 147.84 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000192.D

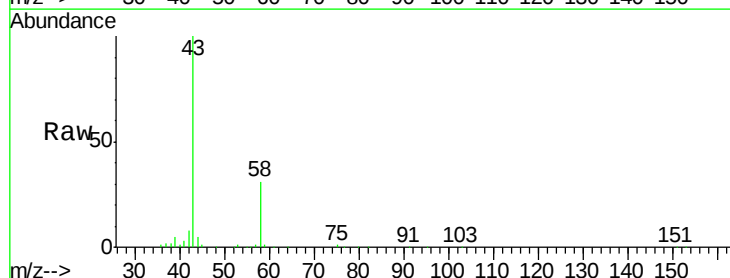
Acq: 02 Mar 2018 15:36

Tgt Ion: 43 Resp: 111578

Ion Ratio Lower Upper

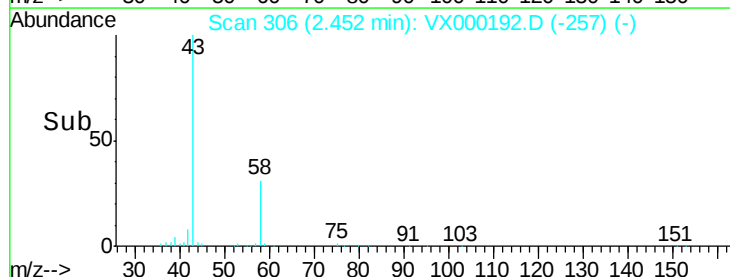
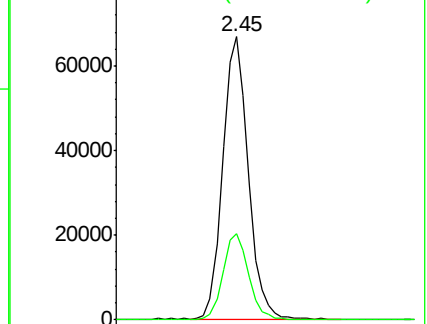
43 100

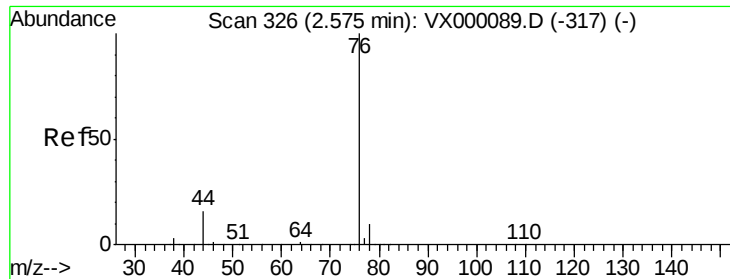
58 30.7 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

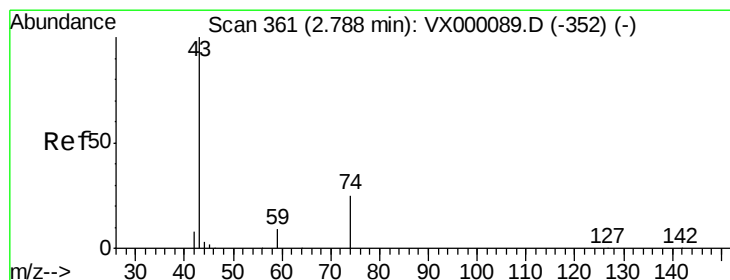
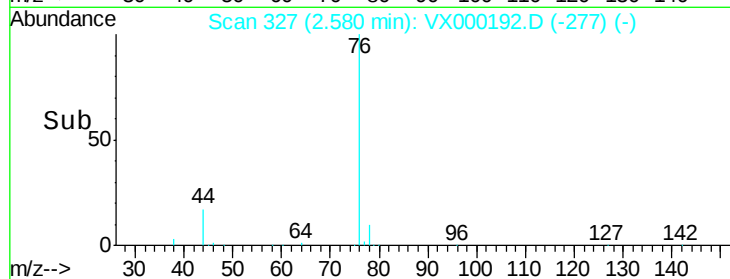
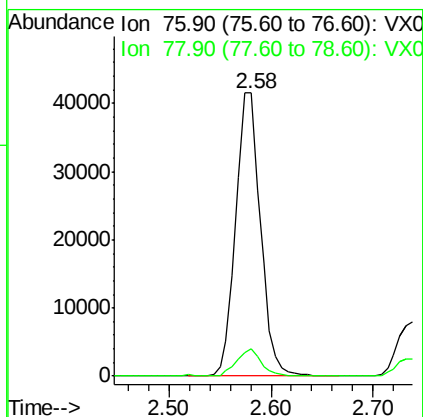
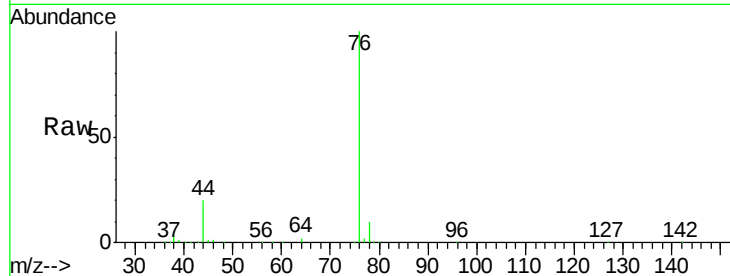




#17
Carbon Disulfide
Concen: 24.24 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

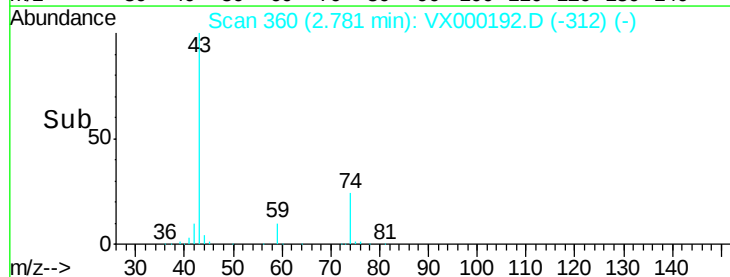
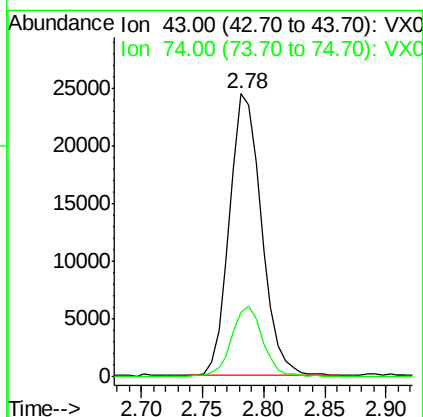
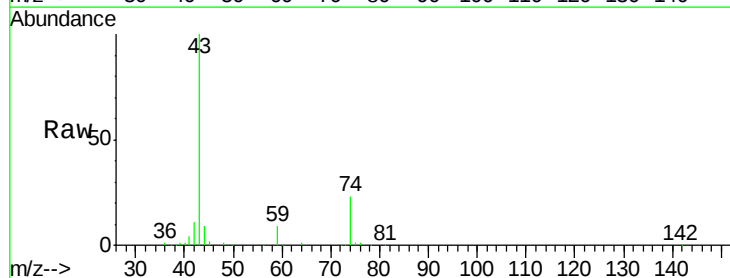
Instrument :
MSVOA_X
ClientSampleId :

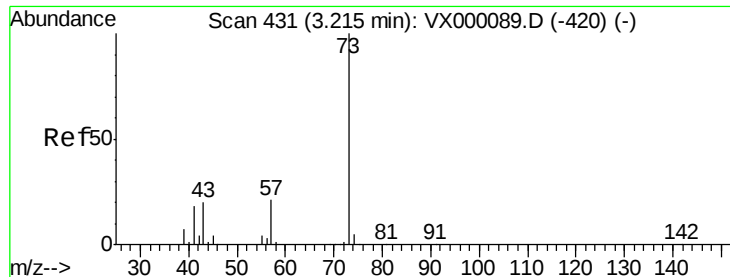
Tot Ion: 76 Resp: 69651
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8



#18
Methyl Acetate
Concen: 24.87 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion: 43 Resp: 44020
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.4

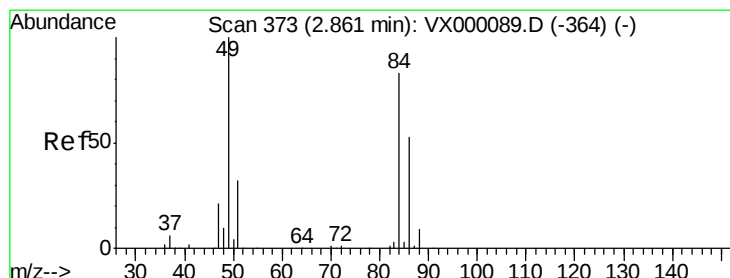
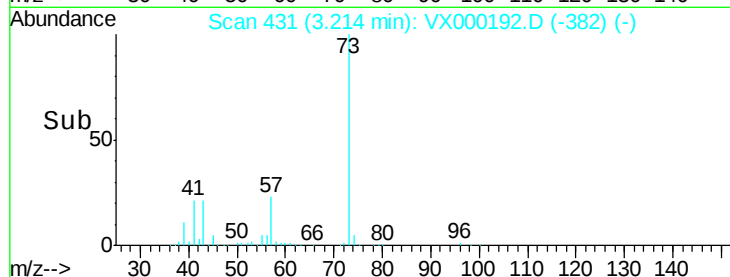
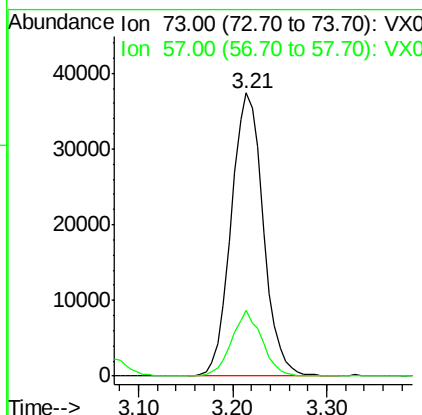
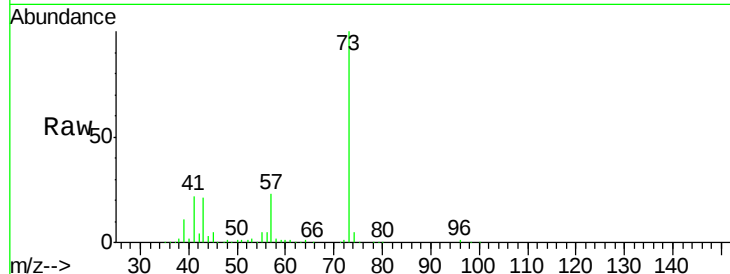




#19
Methvl tert-butvl Ether
Concen: 26.46 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

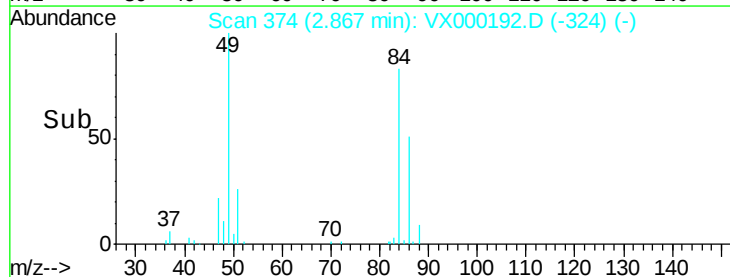
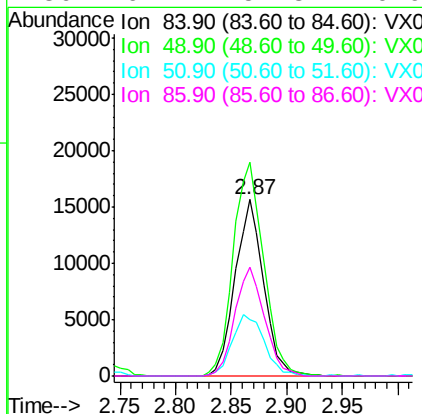
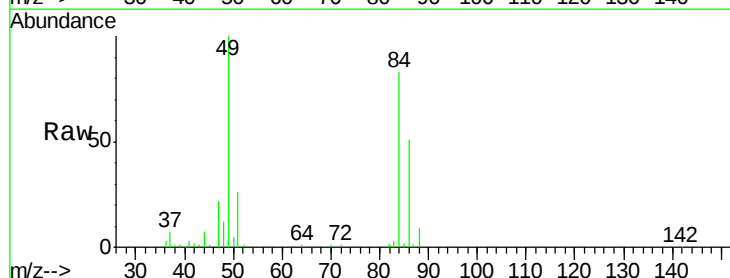
Instrument :
MSVOA_X
ClientSampleId :

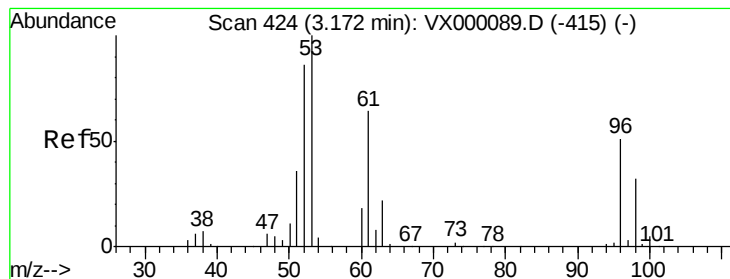
Tot Ion: 73 Resp: 88630
Ion Ratio Lower Upper
73 100
57 23.0 16.4 24.6



#20
Methylene Chloride
Concen: 28.19 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion: 84 Resp: 27780
Ion Ratio Lower Upper
84 100
49 121.1 96.1 144.1
51 31.5 30.5 45.7
86 61.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 25.77 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :
MSVOA_X
ClientSampled :

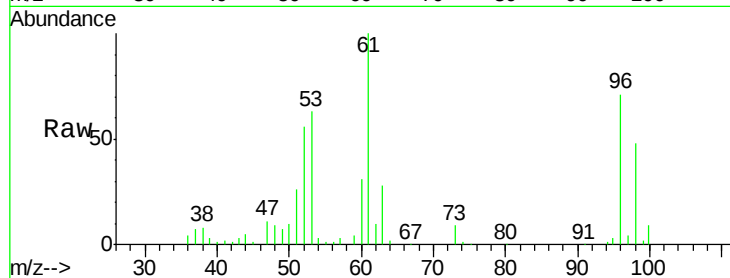
Tot Ion: 96 Resp: 27260

Ion Ratio Lower Upper

96 100

61 141.0 100.3 150.5

98 67.8 50.6 75.8

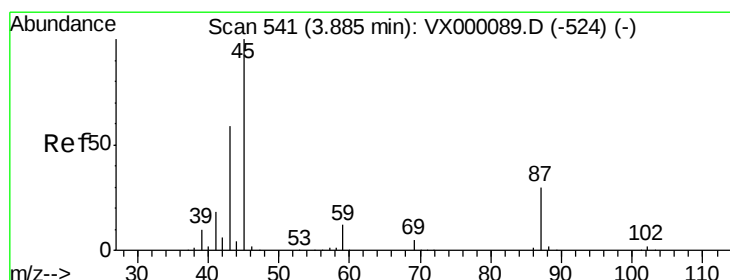
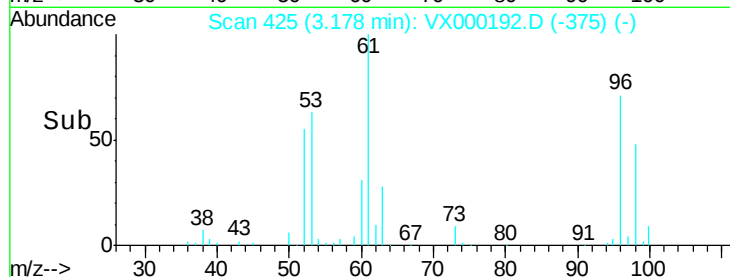
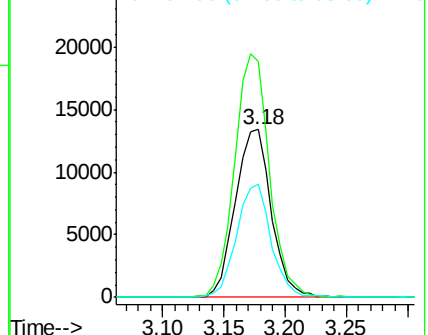


Abundance

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: 28.61 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Tgt Ion: 45 Resp: 81669

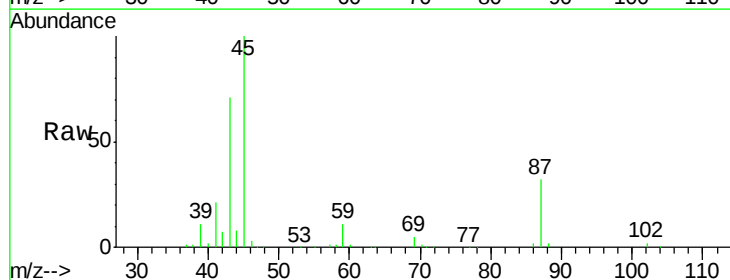
Ion Ratio Lower Upper

45 100

43 70.8 47.4 71.2

87 31.8 24.2 36.2

59 10.7 9.2 13.8



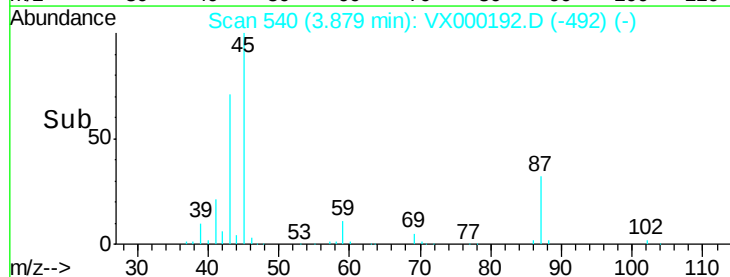
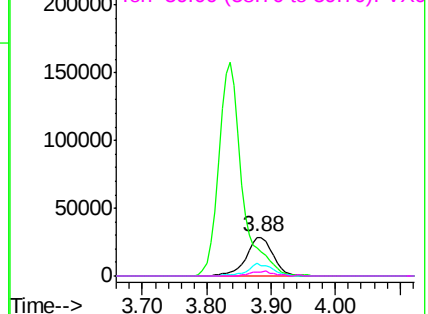
Abundance

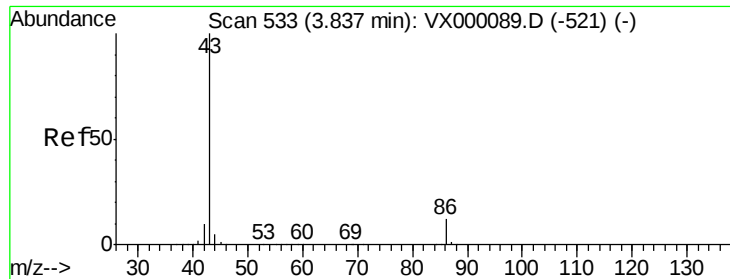
Ion 45.00 (44.70 to 45.70): VX0

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: 152.12 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

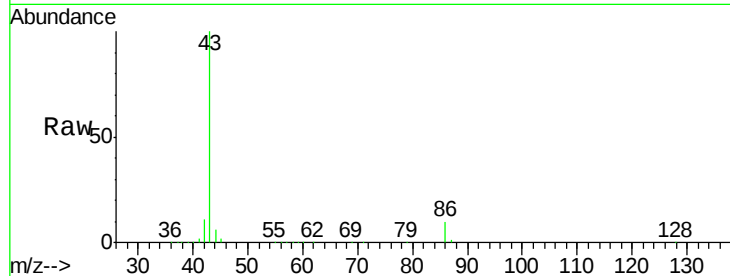
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 403525

Ion Ratio Lower Upper

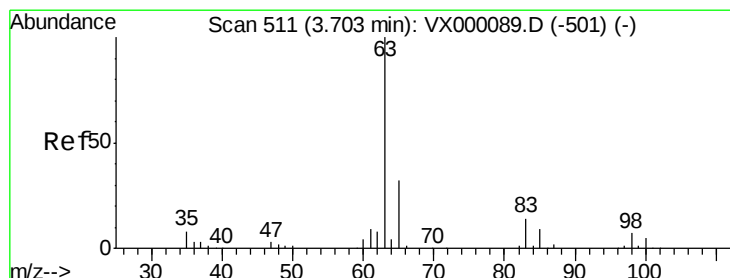
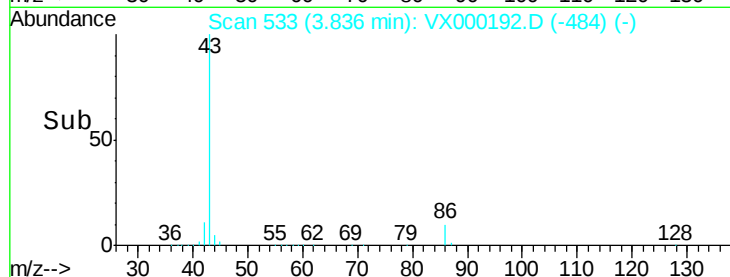
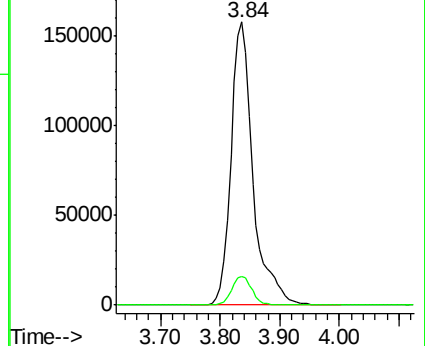
43 100

86 10.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 28.85 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

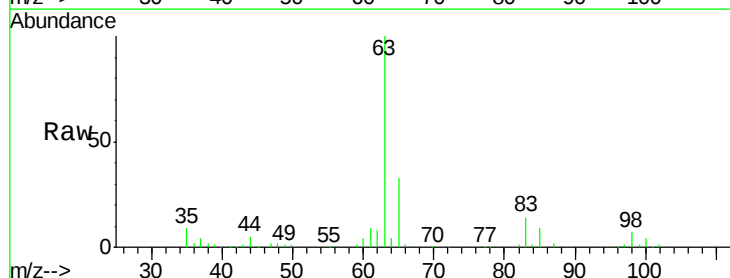
Tgt Ion: 63 Resp: 48787

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

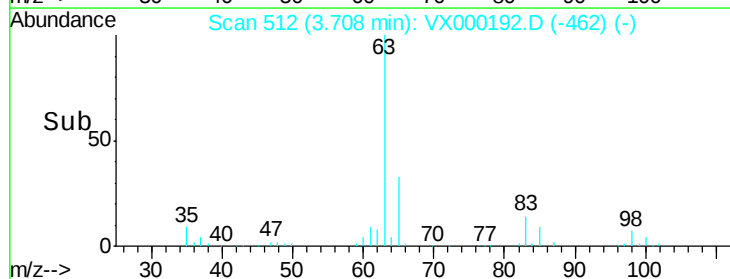
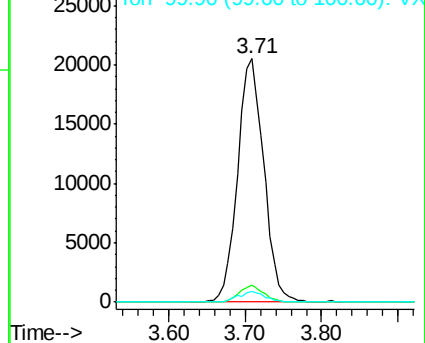
100 4.1 2.4 7.1

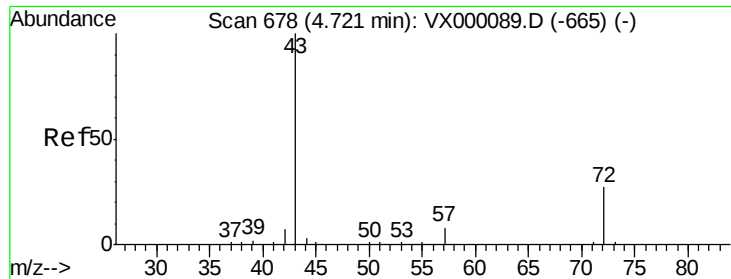


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 121.28 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

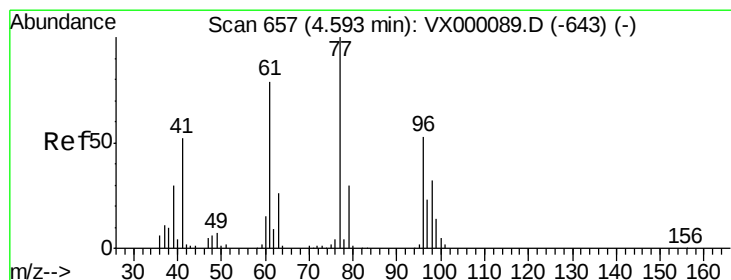
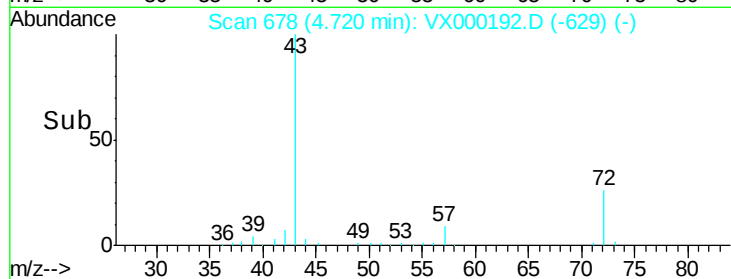
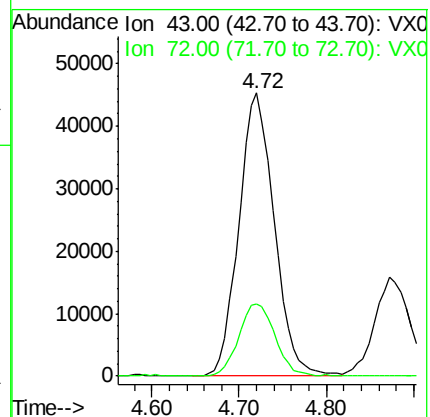
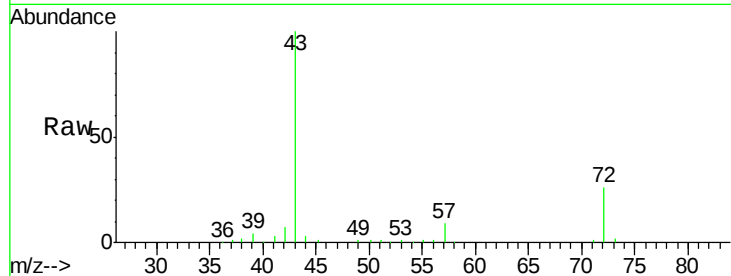
ClientSampled :

Tot Ion: 43 Resp: 127788

Ion Ratio Lower Upper

43 100

72 25.6 21.3 31.9



#26

2,2-Dichloropropane

Concen: 23.69 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000192.D

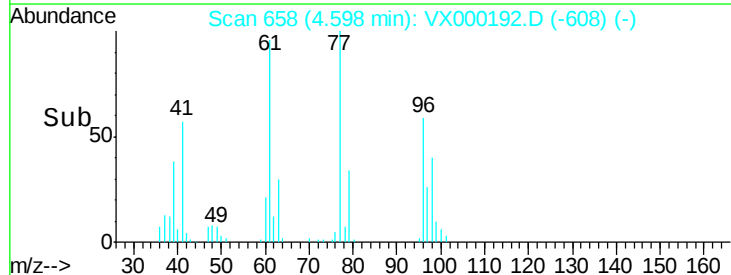
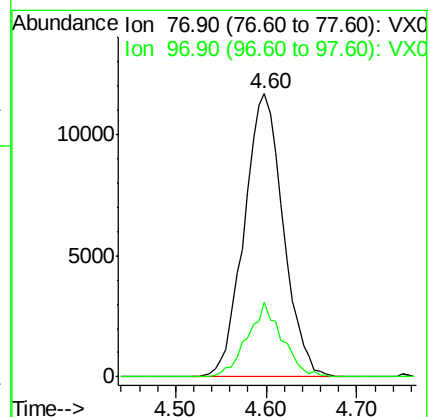
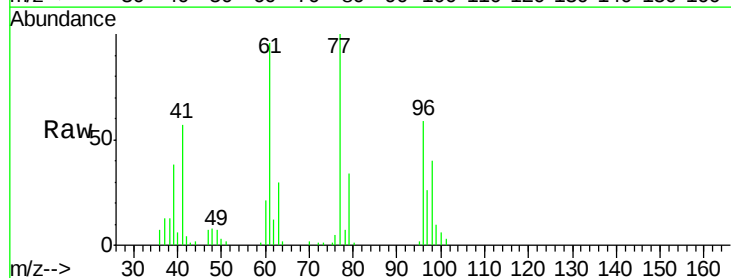
Acq: 02 Mar 2018 15:36

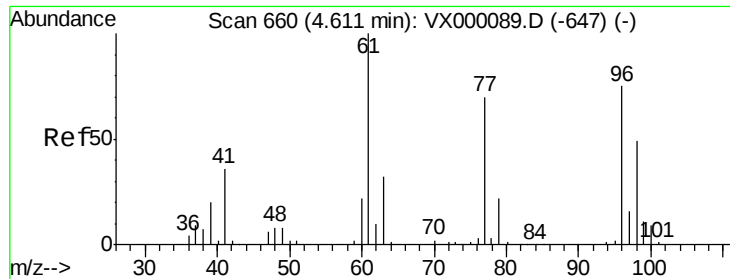
Tgt Ion: 77 Resp: 34830

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.2

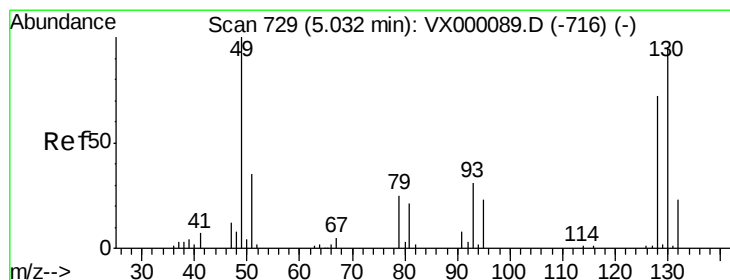
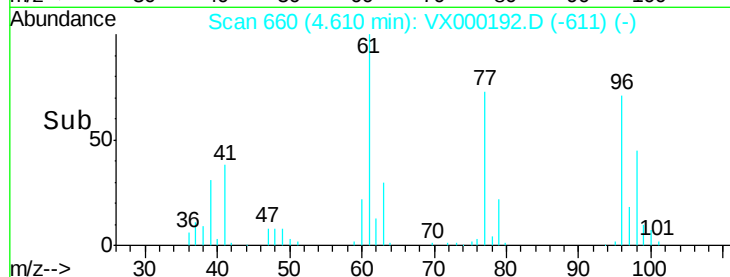
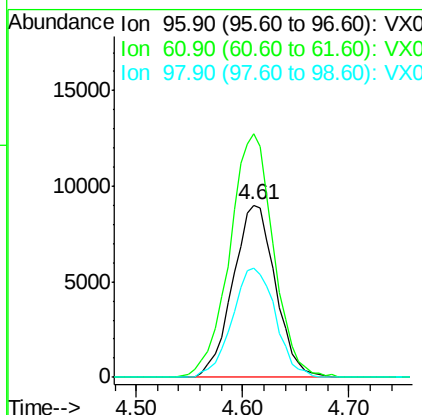
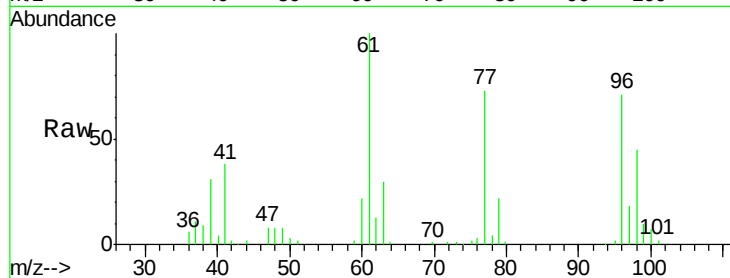




#27
 cis-1,2-Dichloroethene
 Concen: 24.96 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

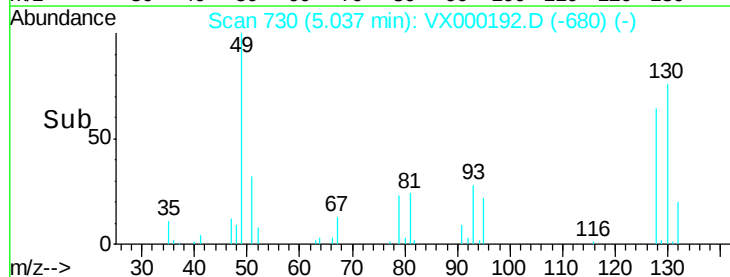
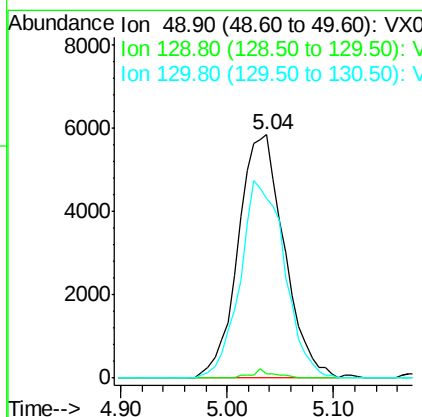
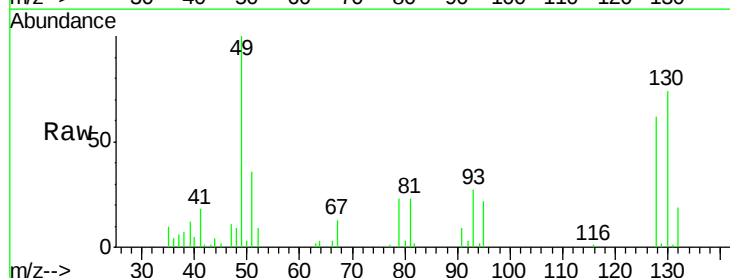
Instrument :
 MSVOA_X
 ClientSampleId :

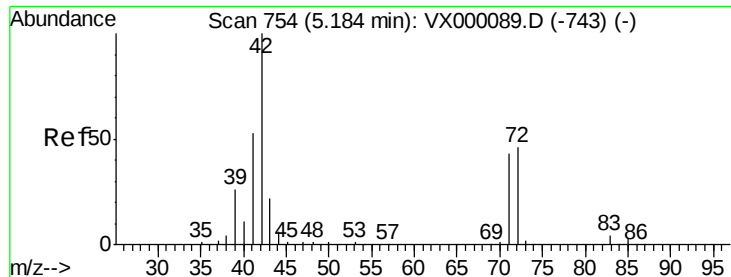
Tot Ion: 96 Resp: 25157
 Ion Ratio Lower Upper
 96 100
 61 145.7 0.0 285.6
 98 64.4 0.0 131.8



#28
 Bromochloromethane
 Concen: 23.39 ug/l
 RT: 5.04 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Tgt Ion: 49 Resp: 17732
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 5.0
 130 78.0 71.9 107.9

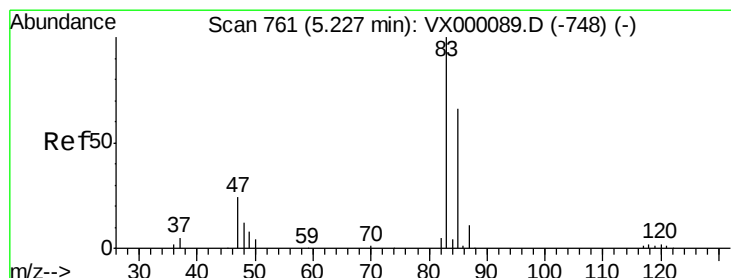
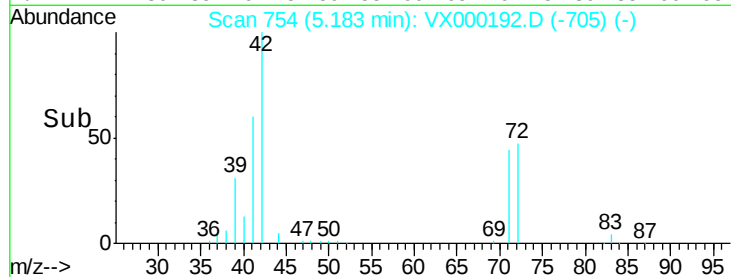
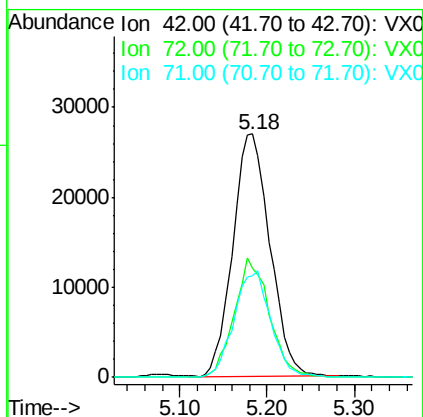
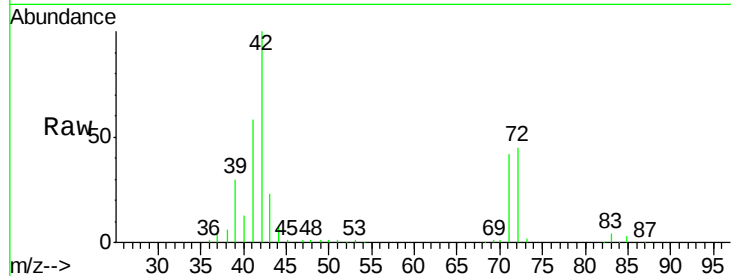




#29
Tetrahydrofuran
Concen: 116.63 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

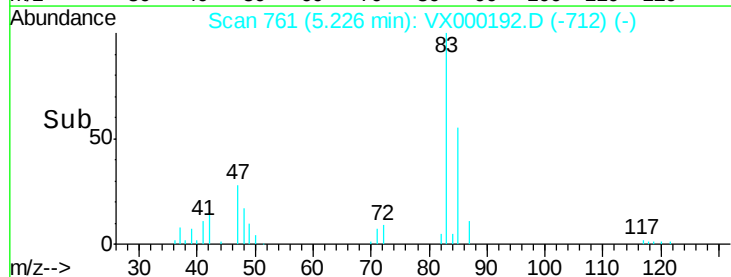
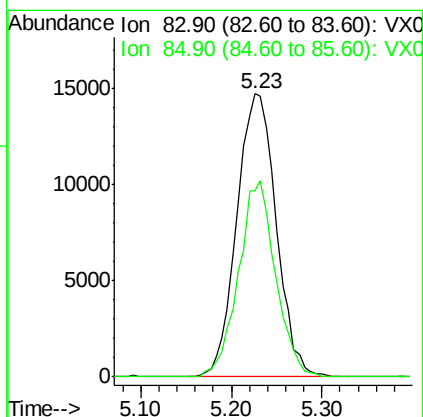
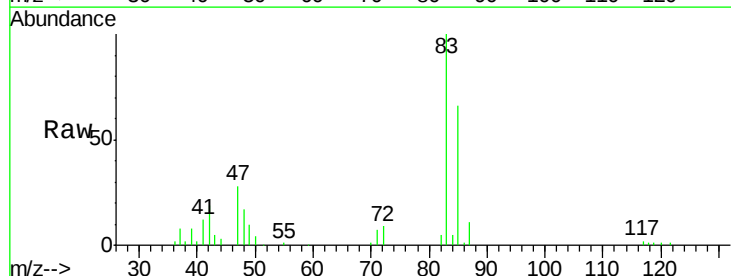
Instrument :
MSVOA_X
ClientSampled :

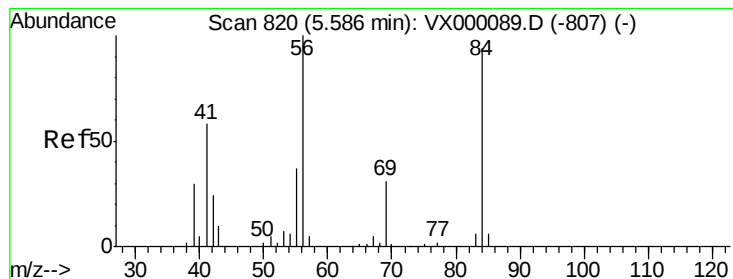
Tot Ion: 42 Resp: 80022
Ion Ratio Lower Upper
42 100
72 46.5 38.6 58.0
71 43.2 36.2 54.4



#30
Chloroform
Concen: 24.94 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion: 83 Resp: 44386
Ion Ratio Lower Upper
83 100
85 65.7 52.7 79.1





#31

Cyclohexane

Concen: 25.13 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

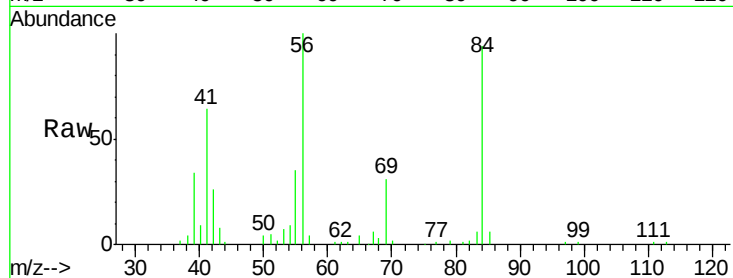
Tot Ion: 56 Resp: 36543

Ion Ratio Lower Upper

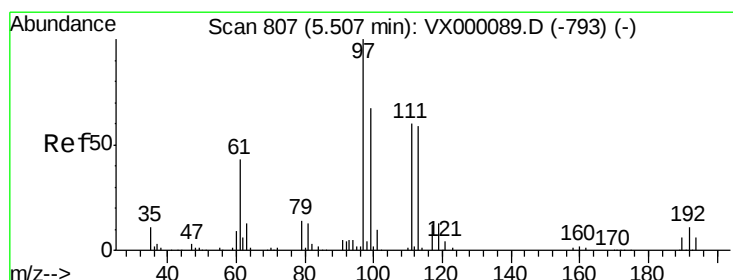
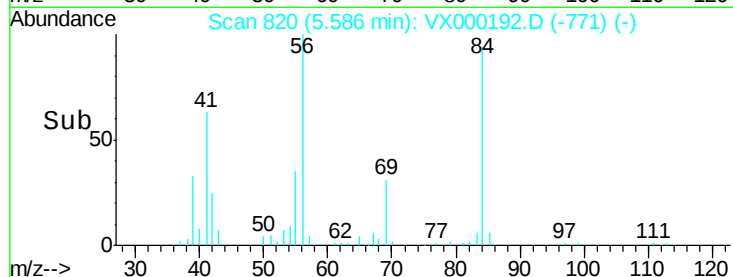
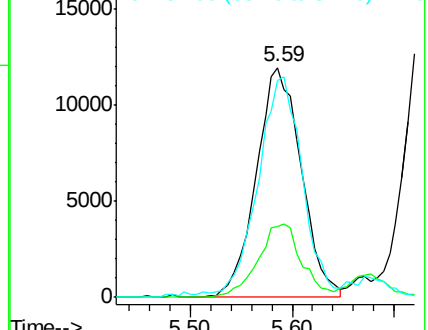
56 100

69 31.0 24.9 37.3

84 92.8 75.0 112.4



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: 24.33 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

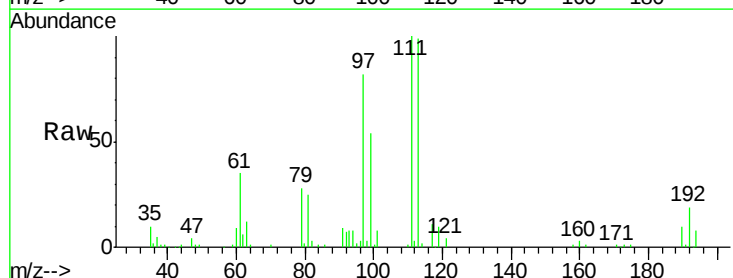
Tgt Ion: 97 Resp: 39847

Ion Ratio Lower Upper

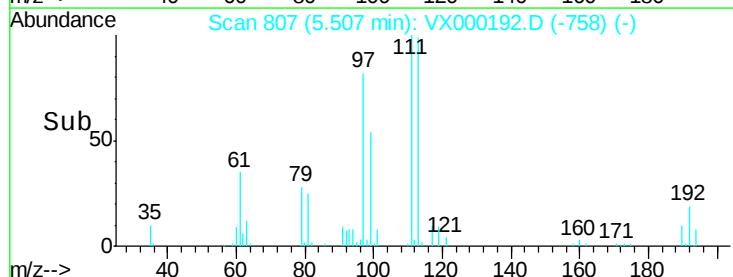
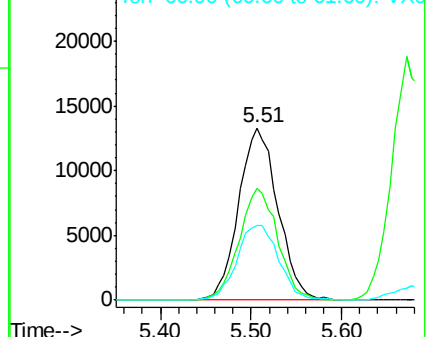
97 100

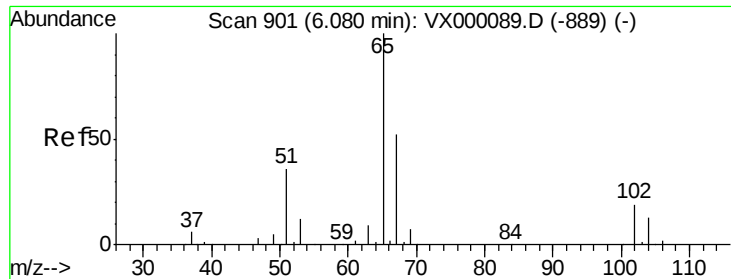
99 64.0 51.1 76.7

61 46.3 33.4 50.0



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

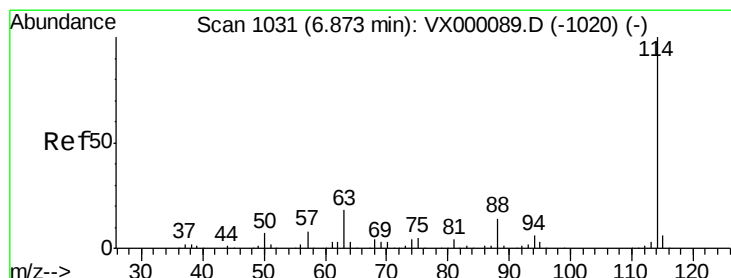
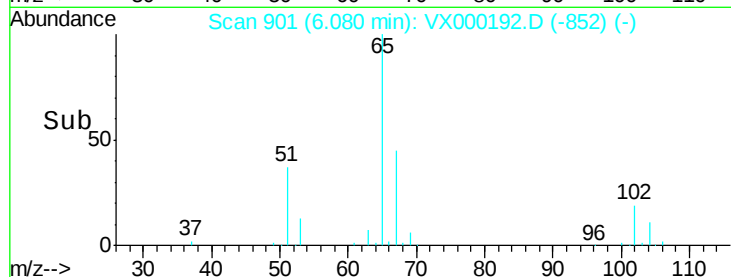
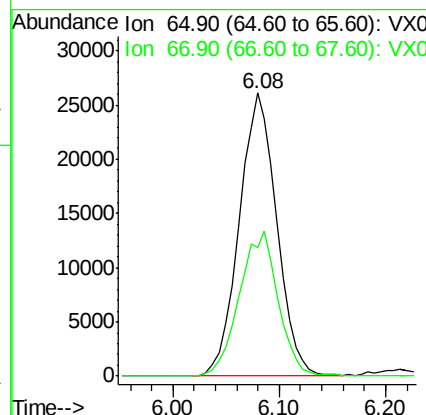
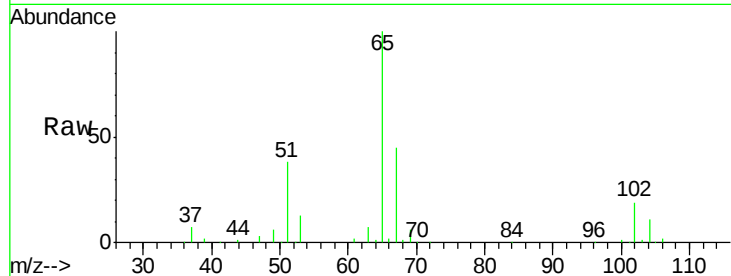




#33
 1,2-Dichloroethane-d4
 Concen: 55.42 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

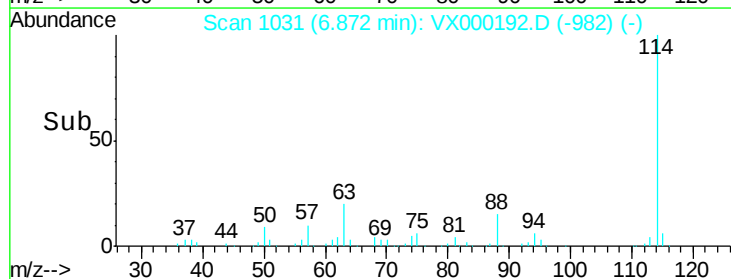
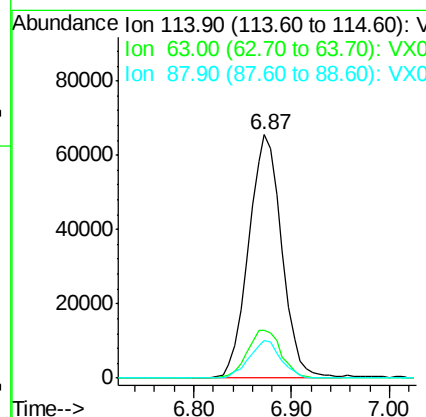
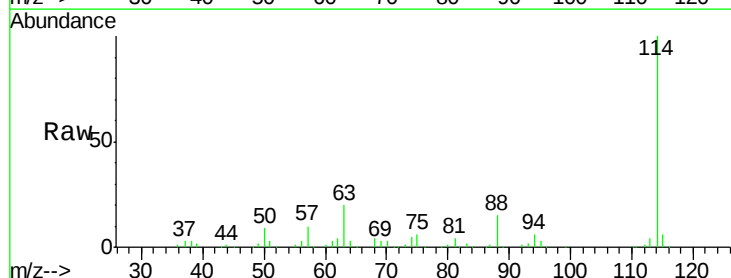
Instrument :
 MSVOA_X
 ClientSampled :

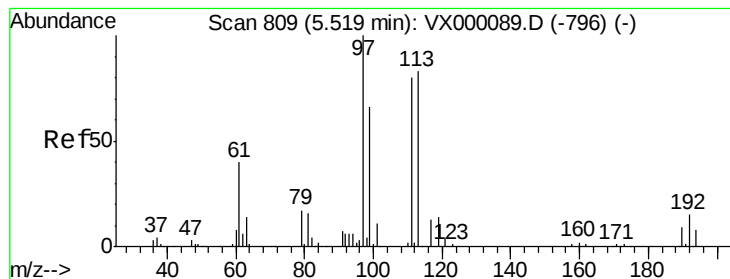
Tot Ion: 65 Resp: 64496
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Tgt Ion: 114 Resp: 153921
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 36.4
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.13 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :
MSVOA_X
ClientSampled :

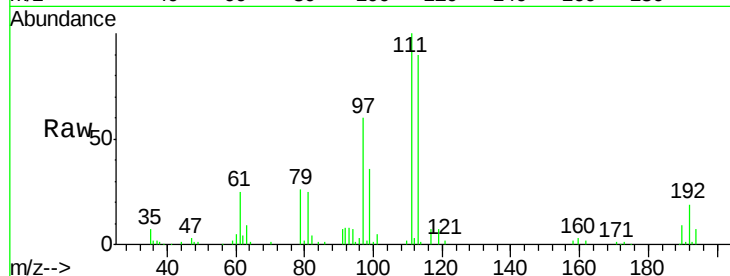
Tot Ion:113 Resp: 50643

Ion Ratio Lower Upper

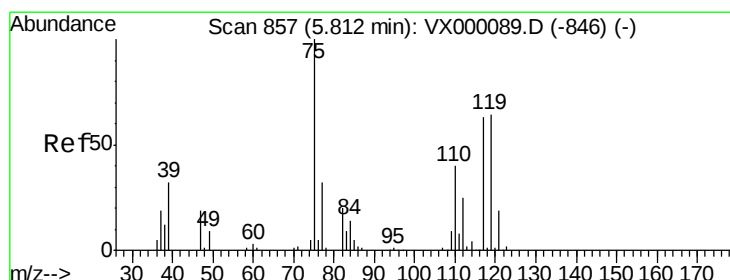
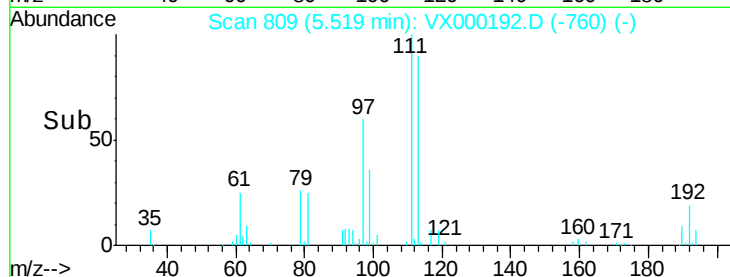
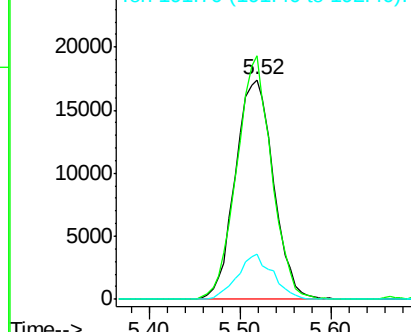
113 100

111 101.7 81.0 121.6

192 19.2 15.7 23.5



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



#36

1,1-Dichloropropene

Concen: 24.74 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

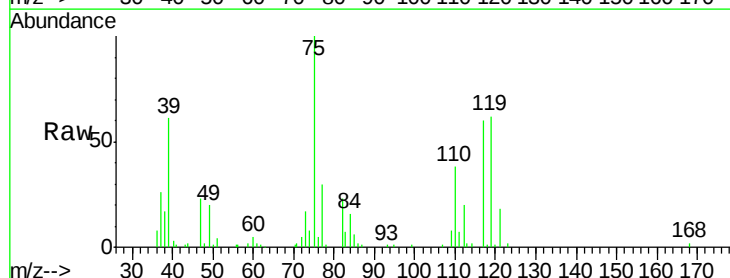
Tgt Ion: 75 Resp: 34169

Ion Ratio Lower Upper

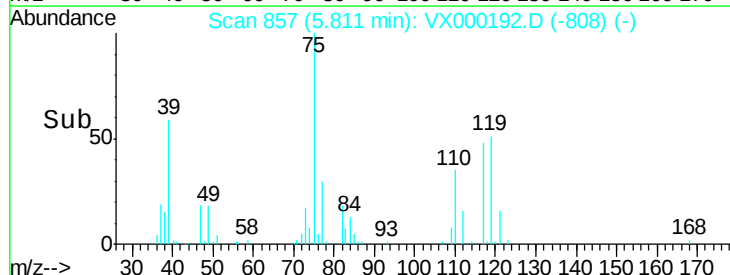
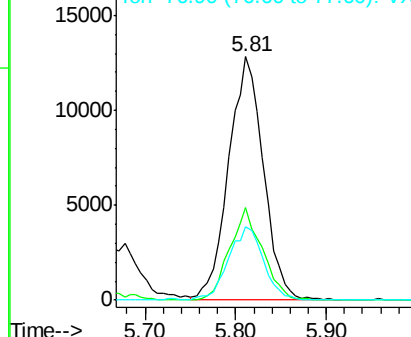
75 100

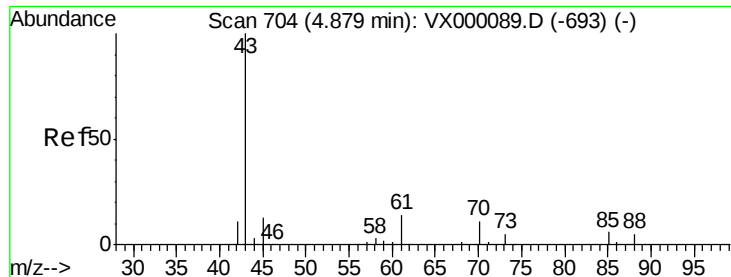
110 35.7 19.5 58.5

77 30.2 24.7 37.1



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

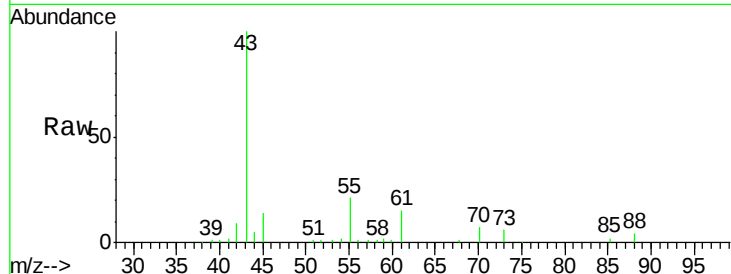




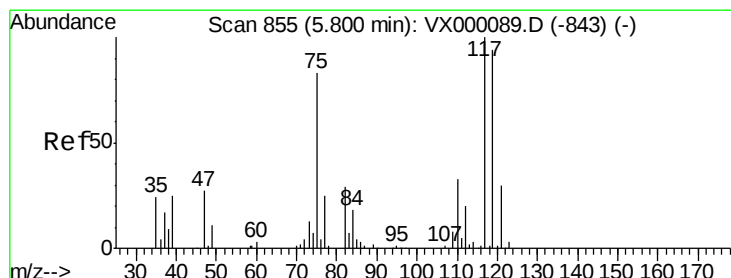
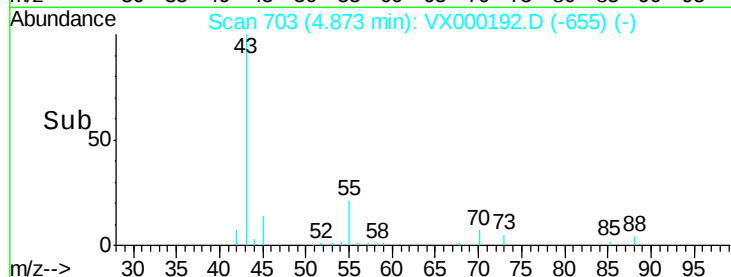
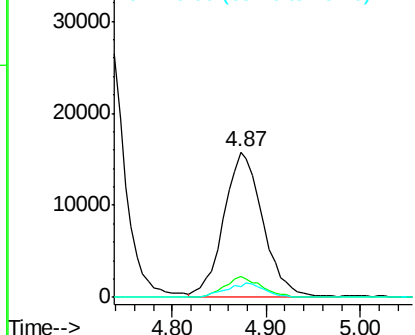
#37
Ethyl Acetate
Concen: 23.71 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 44996
Ion Ratio Lower Upper
43 100
61 13.4 11.5 17.3
70 9.5 9.0 13.4

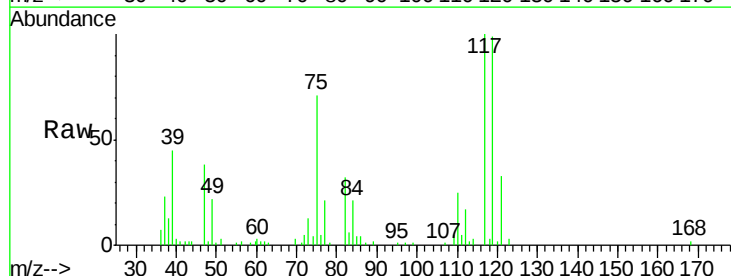


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

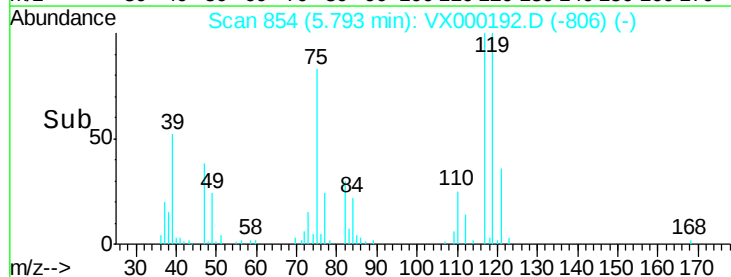
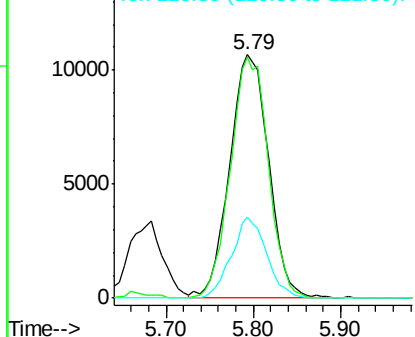


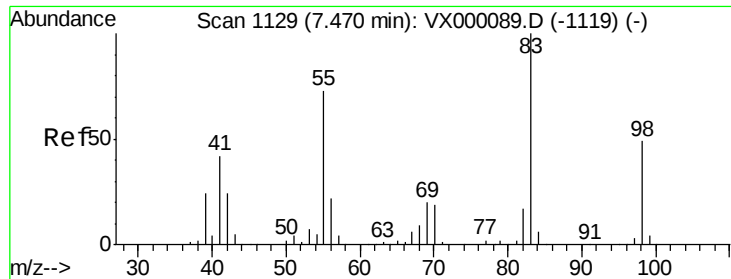
#38
Carbon Tetrachloride
Concen: 22.17 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion: 117 Resp: 33081
Ion Ratio Lower Upper
117 100
119 99.2 75.3 112.9
121 33.4 23.7 35.5



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

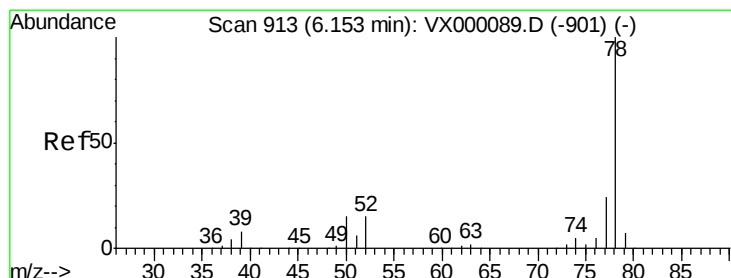
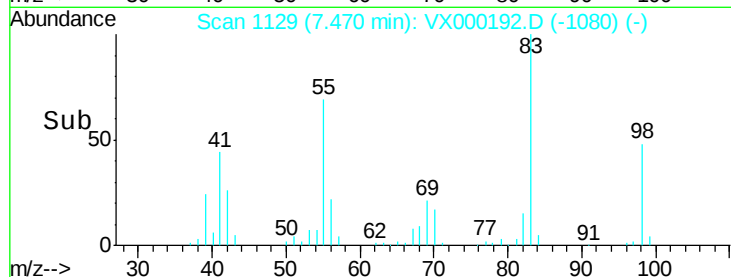
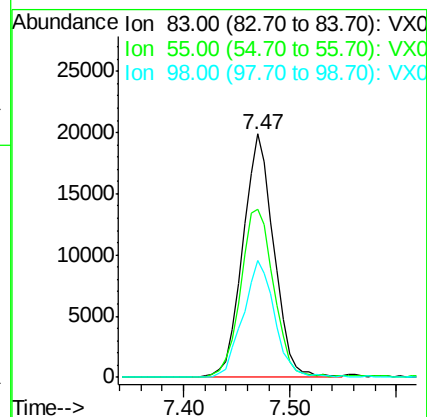
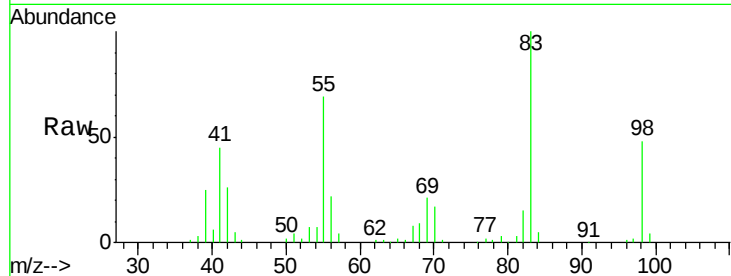




#39
Methvlcvclohexane
Concen: 24.45 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

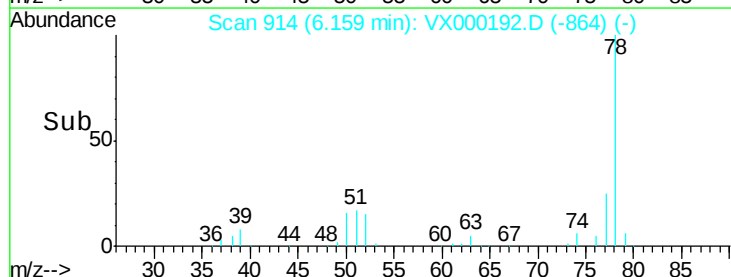
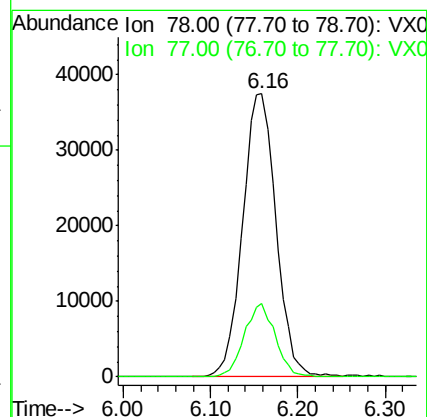
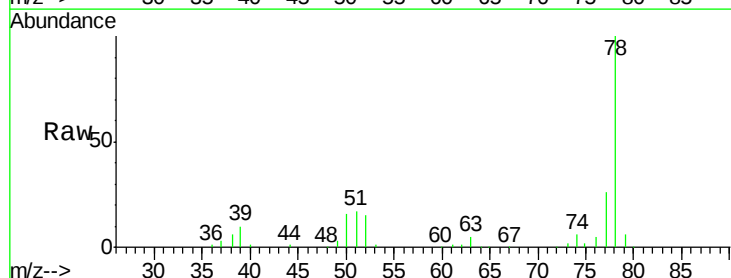
Instrument :
MSVOA_X
ClientSampleId :

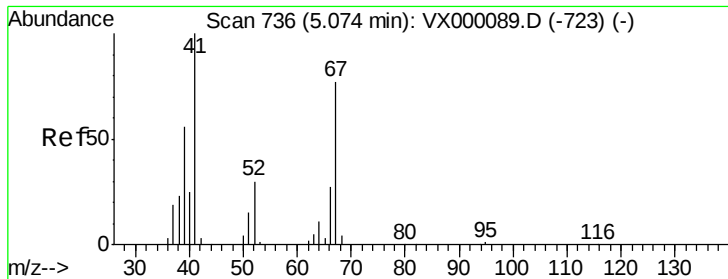
Tot Ion: 83 Resp: 40653
Ion Ratio Lower Upper
83 100
55 68.8 58.2 87.2
98 47.9 39.0 58.6



#40
Benzene
Concen: 25.23 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion: 78 Resp: 99579
Ion Ratio Lower Upper
78 100
77 25.8 19.4 29.0

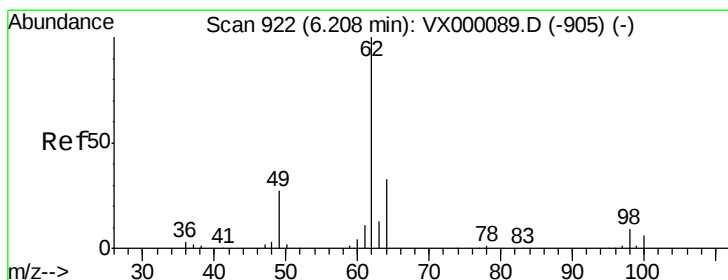
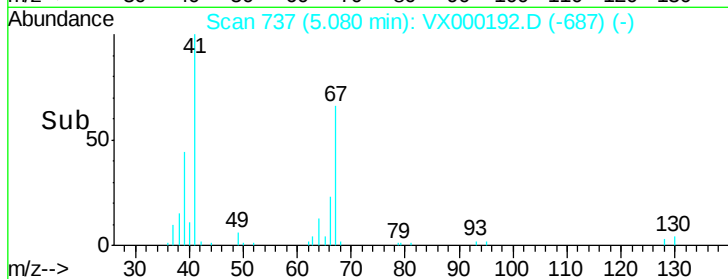
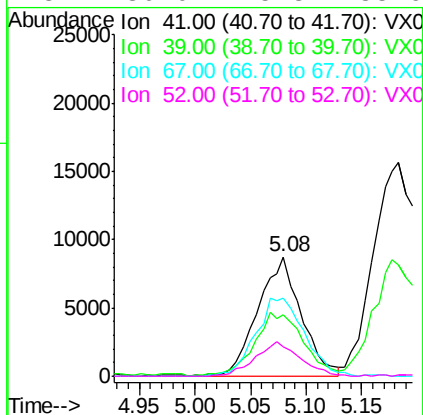
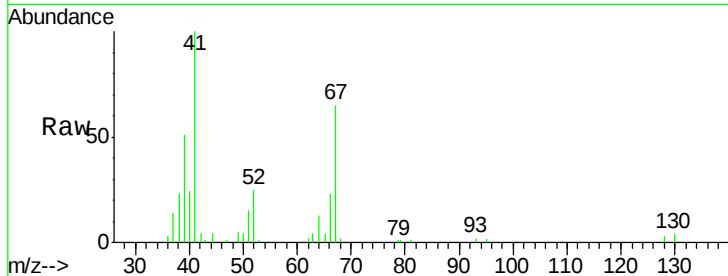




#41
Methacrylonitrile
Concen: 25.61 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

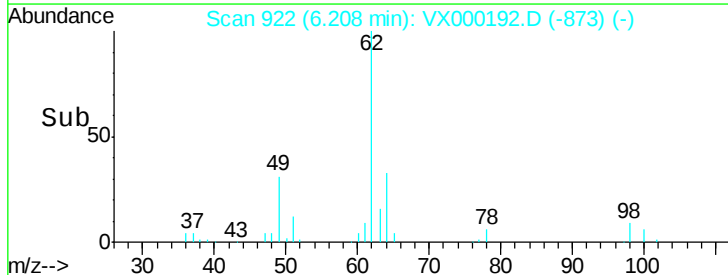
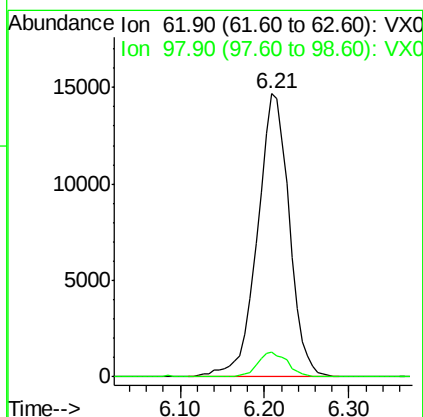
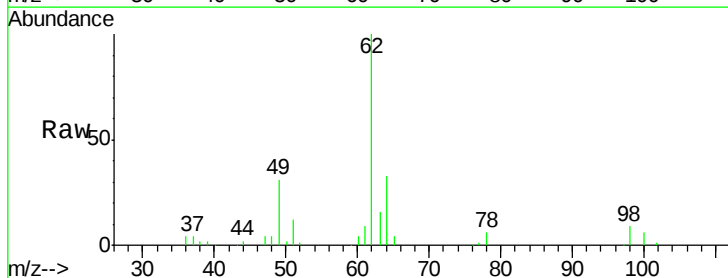
Instrument :
MSVOA_X
ClientSampled :

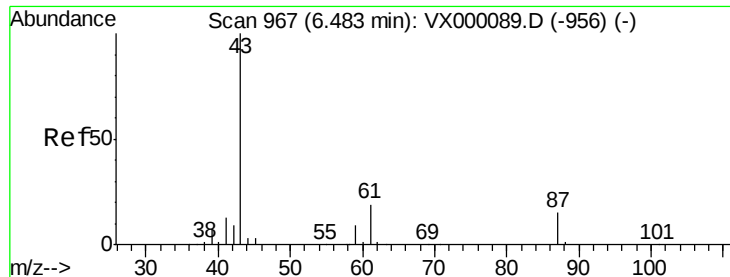
Tot Ion:	41	Resp:	23555
Ion	Ratio	Lower	Upper
41	100		
39	60.9	45.1	67.7
67	74.0	61.0	91.4
52	30.0	25.8	38.6



#42
1,2-Dichloroethane
Concen: 26.41 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion:	62	Resp:	38247
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.8



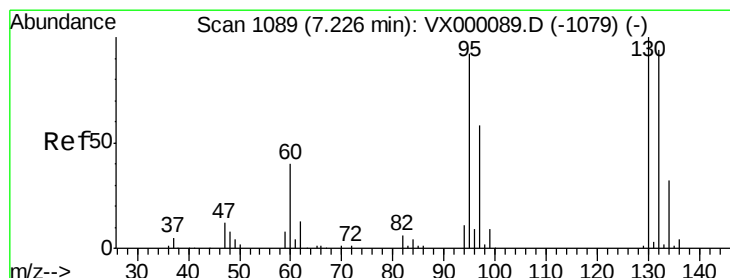
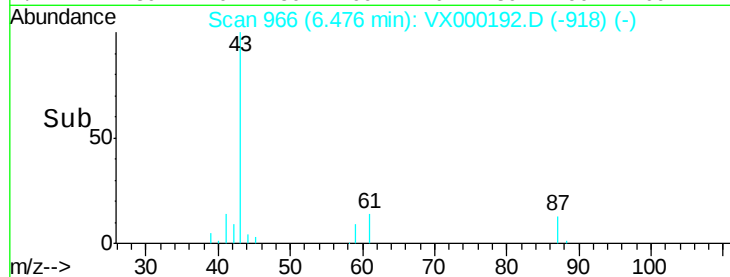
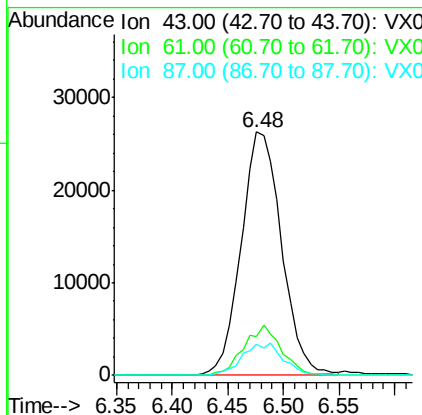
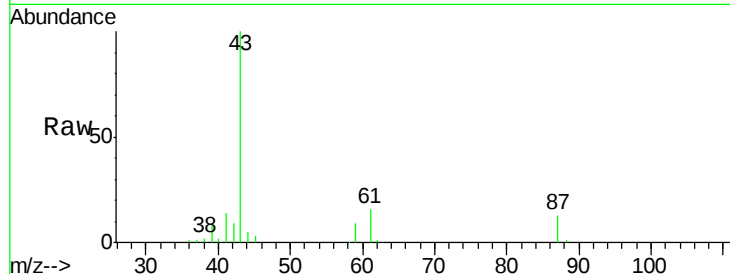


#43

Isopropyl Acetate
 Concen: 24.12 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Instrument :
 MSVOA_X
 ClientSampleId :

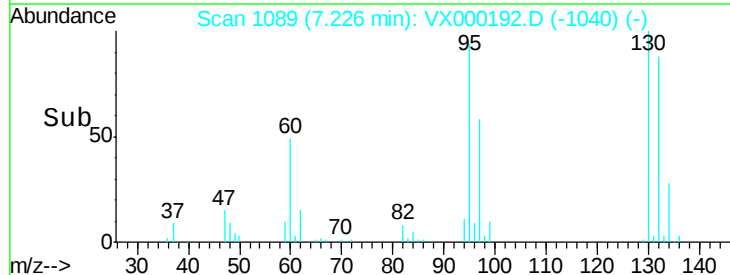
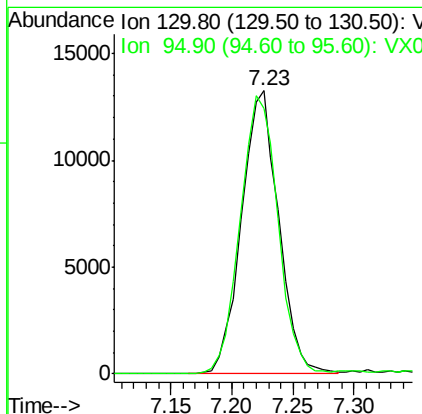
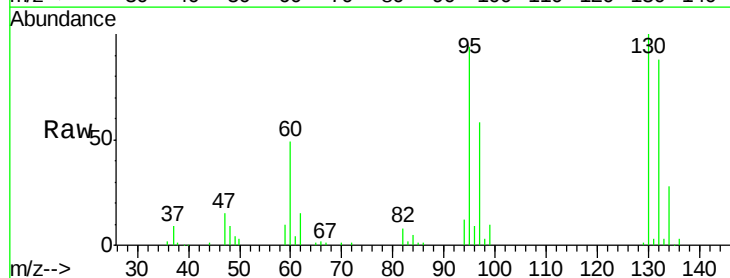
Tot Ion	43	Resp	65996
Ion Ratio	Lower	Upper	
43	100		
61	19.2	15.6	23.4
87	13.4	11.7	17.5

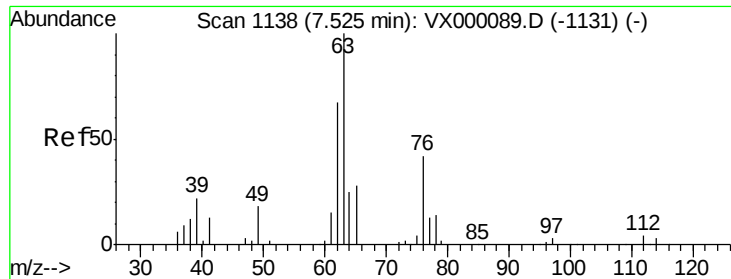


#44

Trichloroethene
 Concen: 24.08 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Tgt Ion	130	Resp	27990
Ion Ratio	Lower	Upper	
130	100		
95	93.6	0.0	183.4

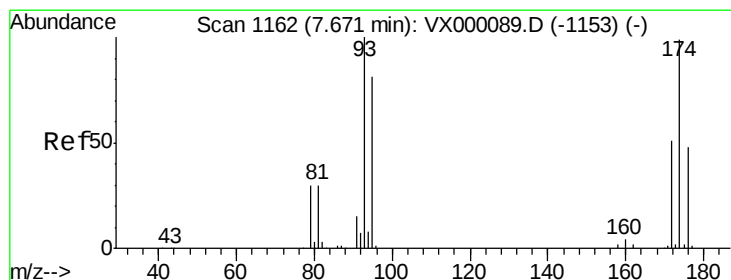
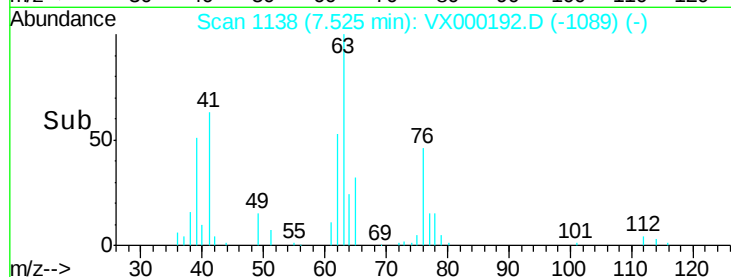
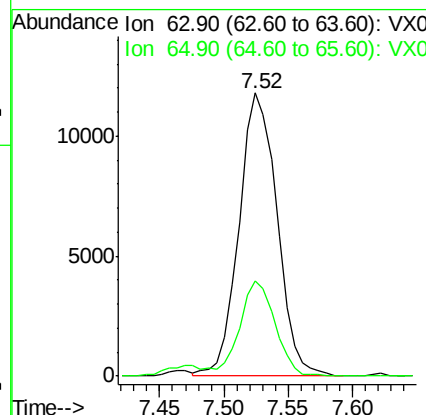
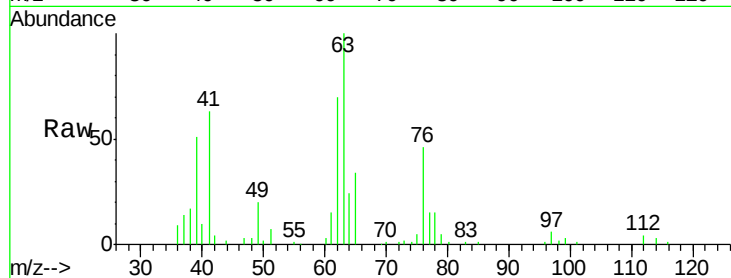




#45
 1,2-Dichloropropane
 Concen: 24.99 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

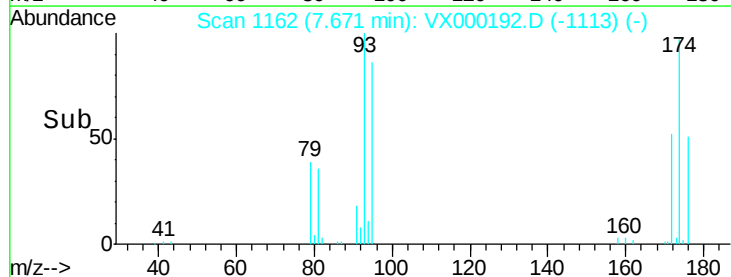
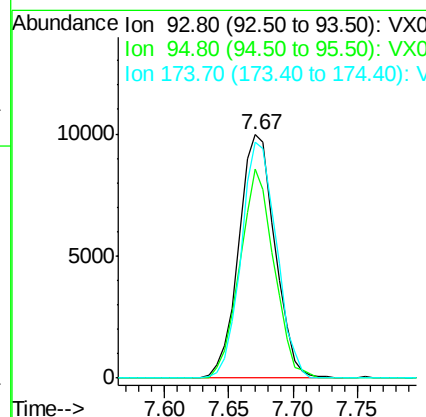
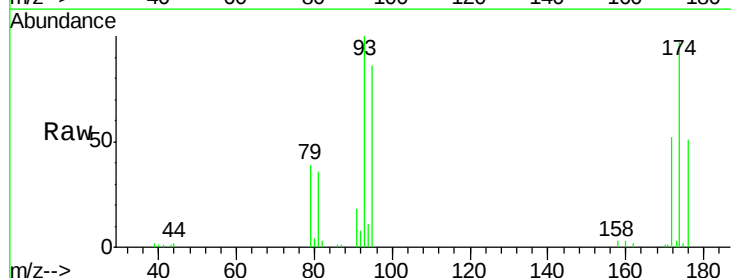
Instrument :
 MSVOA_X
 ClientSampled :

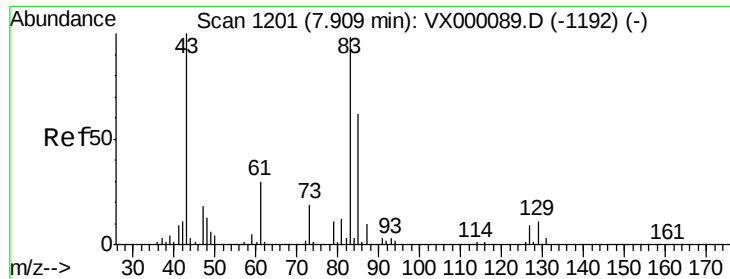
Tot Ion: 63 Resp: 24174
 Ion Ratio Lower Upper
 63 100
 65 33.6 23.8 35.8



#46
 Dibromomethane
 Concen: 25.74 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Tgt Ion: 93 Resp: 19427
 Ion Ratio Lower Upper
 93 100
 95 80.9 65.0 97.6
 174 94.0 83.1 124.7





#47

Bromodichloromethane

Concen: 24.92 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :
MSVOA_X
ClientSampled :

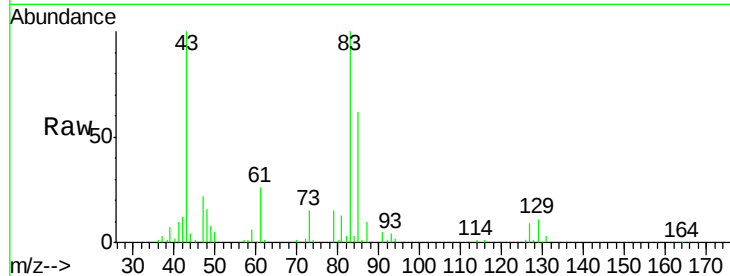
Tot Ion: 83 Resp: 34741

Ion Ratio Lower Upper

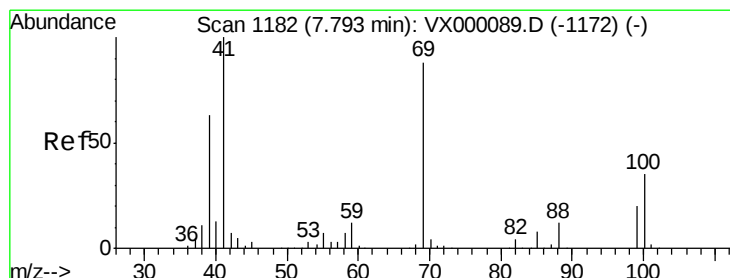
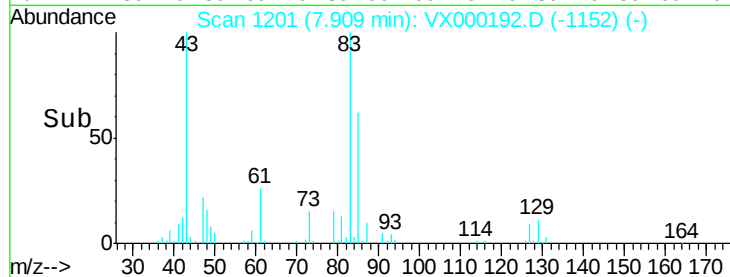
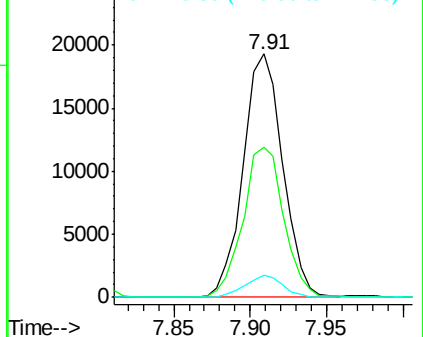
83 100

85 61.9 50.4 75.6

127 9.4 7.2 10.8



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: 24.48 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

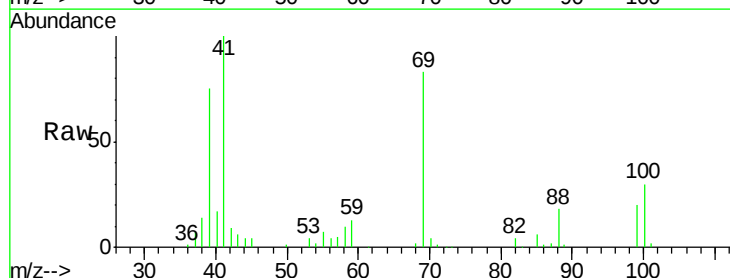
Tgt Ion: 41 Resp: 32834

Ion Ratio Lower Upper

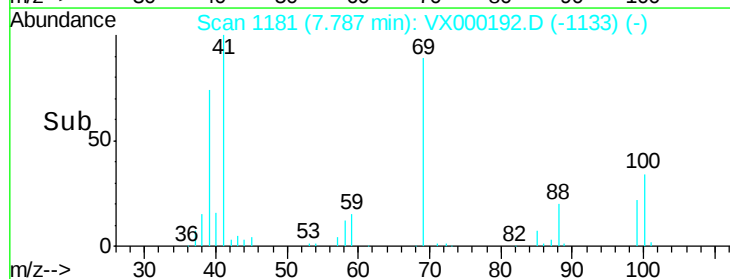
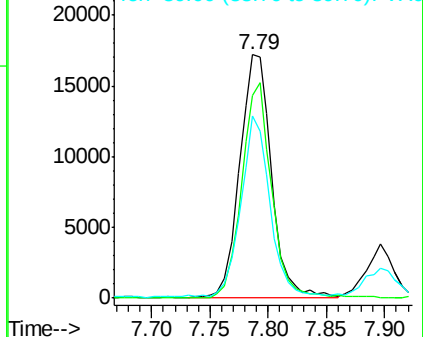
41 100

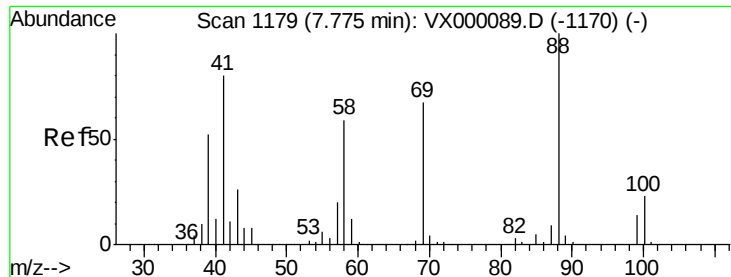
69 83.4 70.2 105.4

39 68.3 51.0 76.6



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

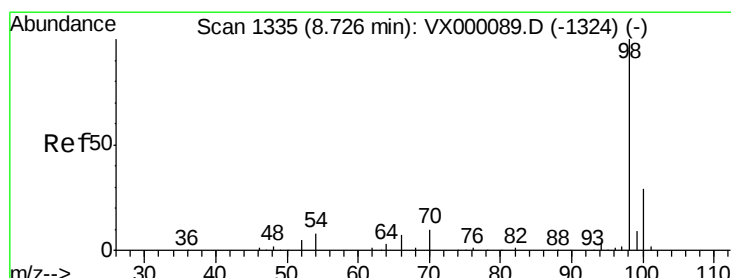
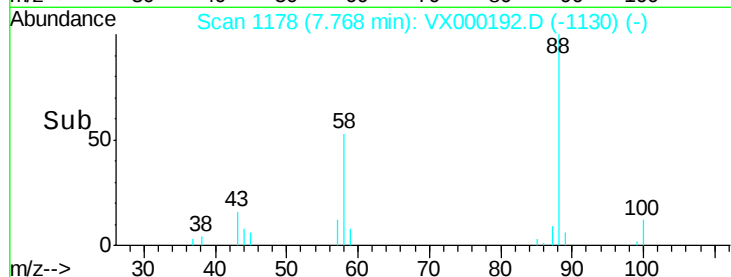
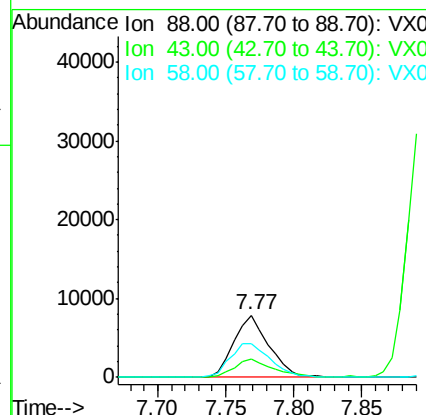
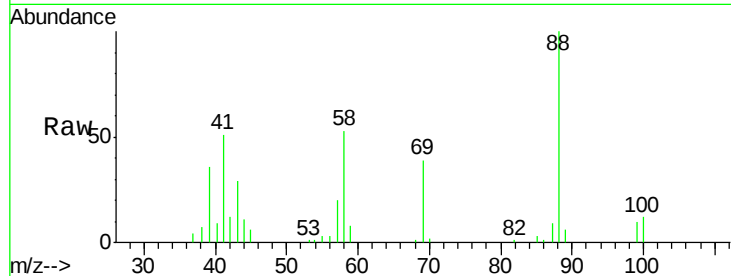




#49
1,4-Dioxane
Concen: 405.14 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

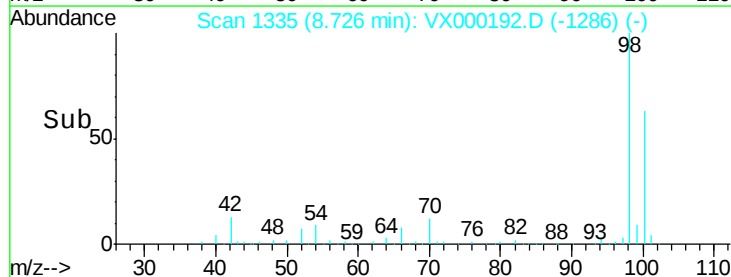
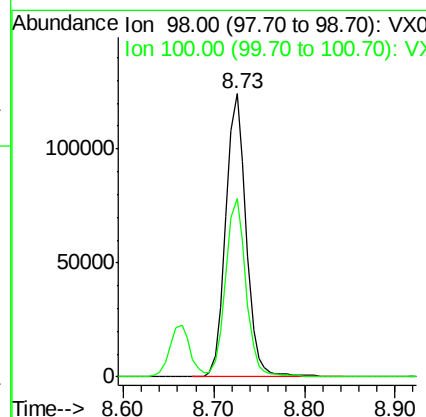
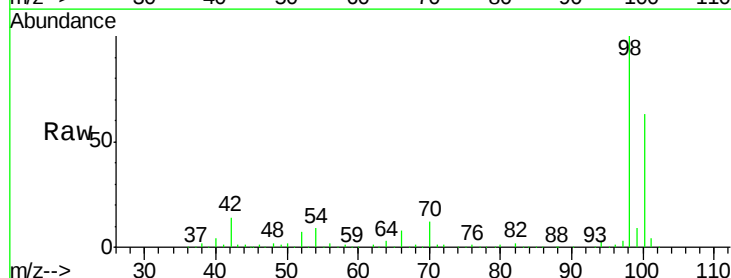
Instrument :
MSVOA_X
ClientSampleId :

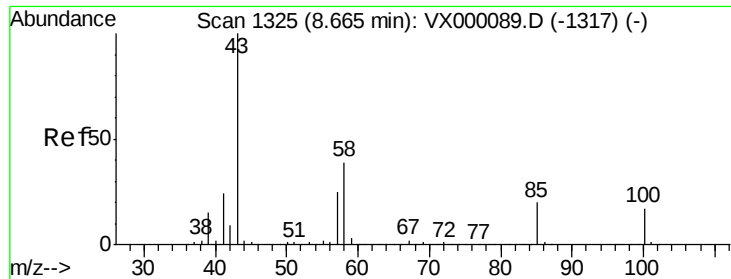
Tot Ion: 88 Resp: 14250
Ion Ratio Lower Upper
88 100
43 32.8 24.1 36.1
58 61.9 49.0 73.6



#50
Toluene-d8
Concen: 51.01 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion: 98 Resp: 195491
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 126.86 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

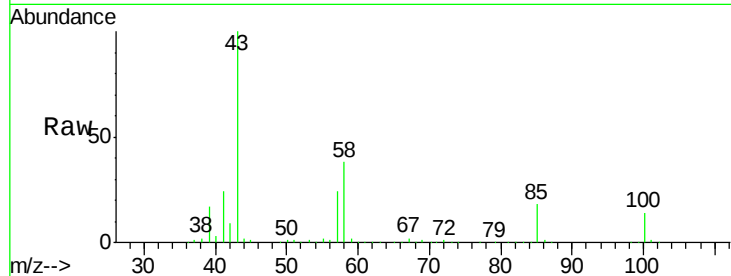
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 253757

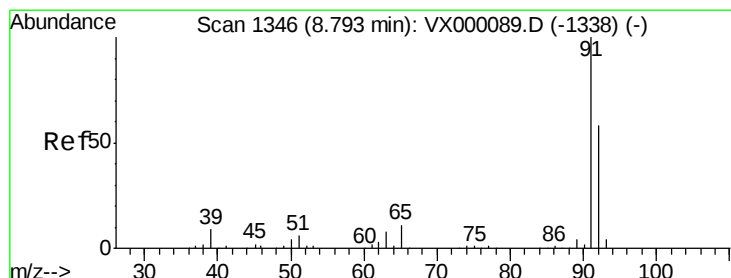
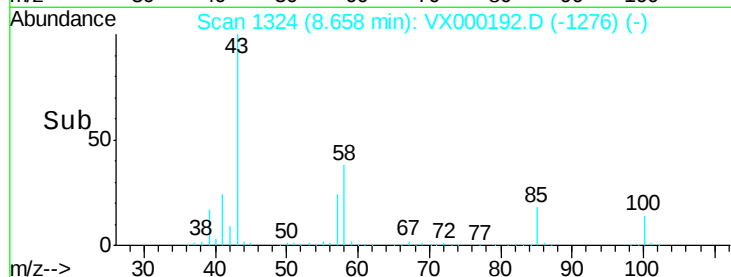
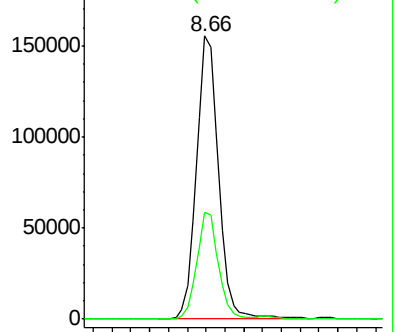
Ion Ratio Lower Upper

43 100

58 36.4 31.6 47.4



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



#52

Toluene

Concen: 25.32 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000192.D

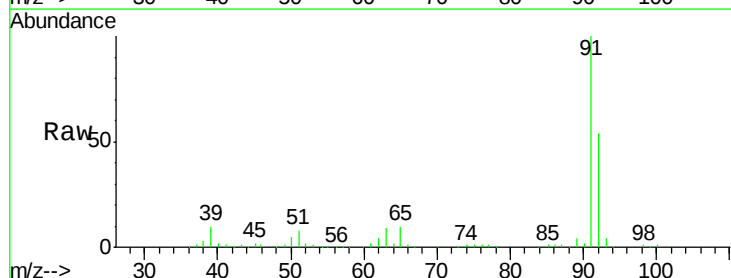
Acq: 02 Mar 2018 15:36

Tgt Ion: 92 Resp: 66755

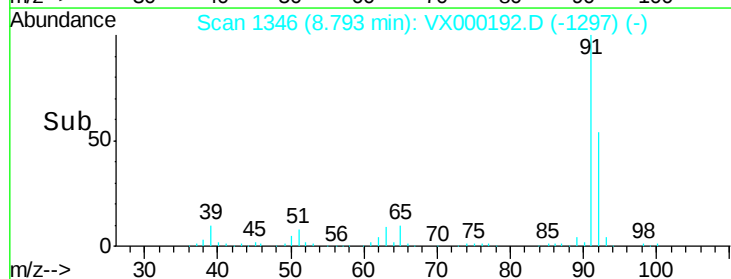
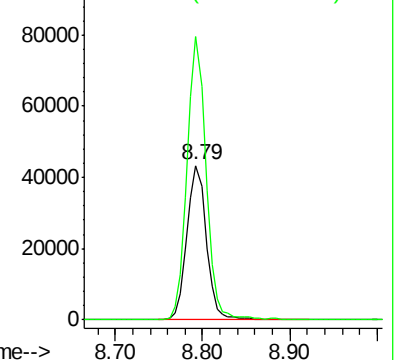
Ion Ratio Lower Upper

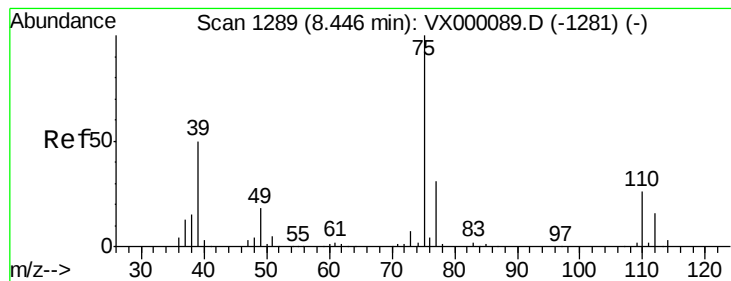
92 100

91 178.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 24.65 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

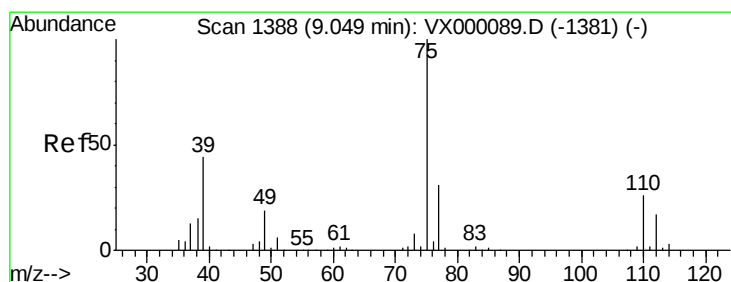
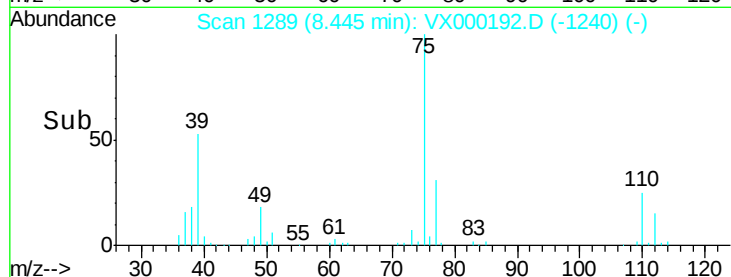
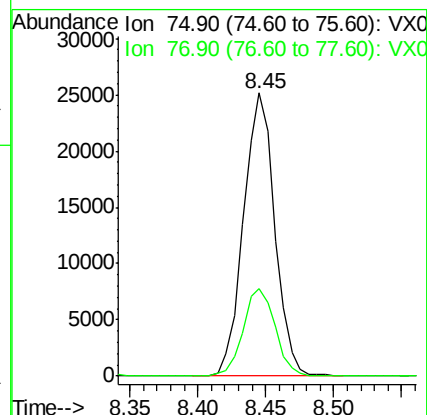
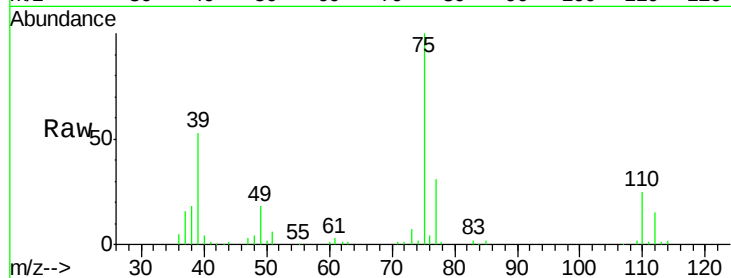
ClientSampleId :

Tot Ion: 75 Resp: 40410

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 23.69 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

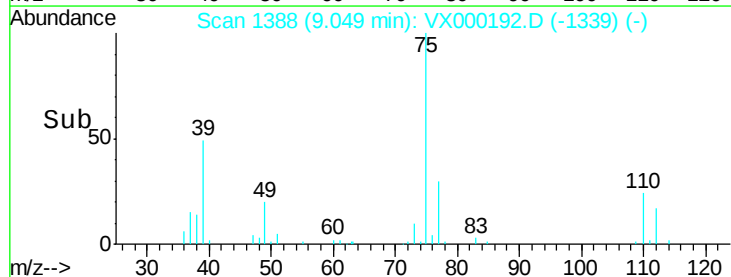
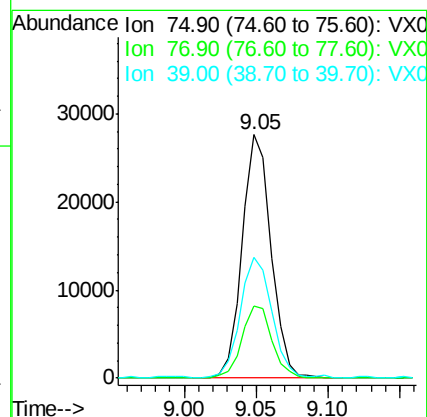
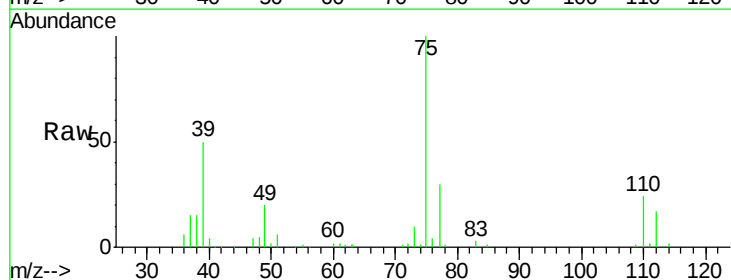
Tgt Ion: 75 Resp: 38553

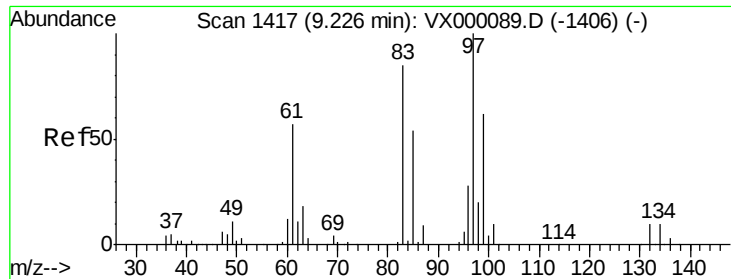
Ion Ratio Lower Upper

75 100

77 29.7 25.0 37.6

39 49.4 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 24.90 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 27149

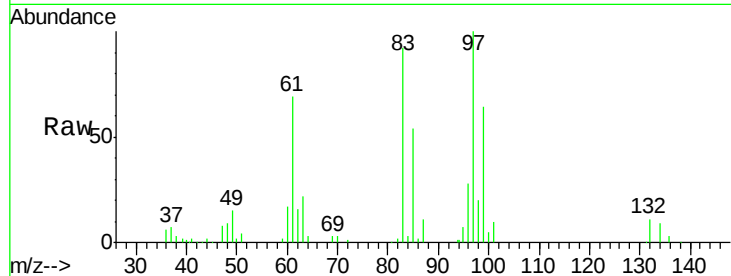
Ion Ratio Lower Upper

97 100

83 92.3 67.6 101.4

85 54.3 42.9 64.3

99 64.3 49.8 74.6

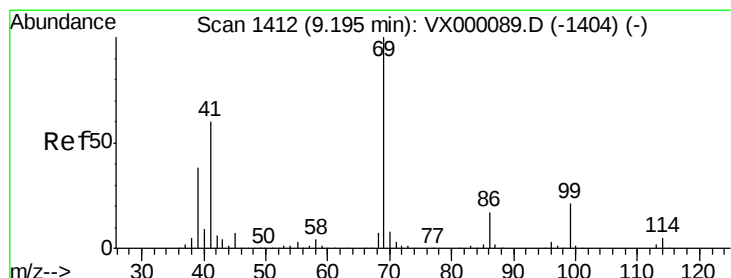
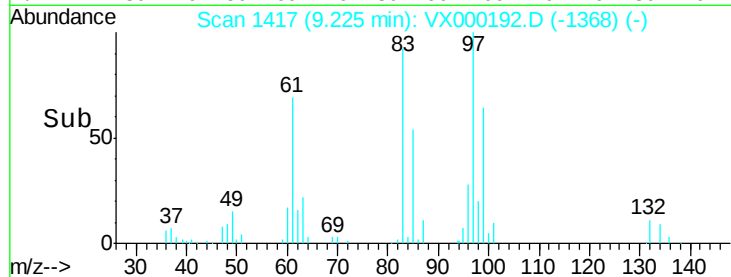
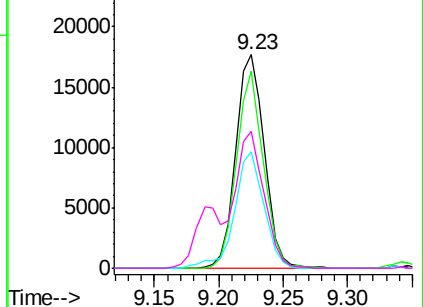


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 24.65 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

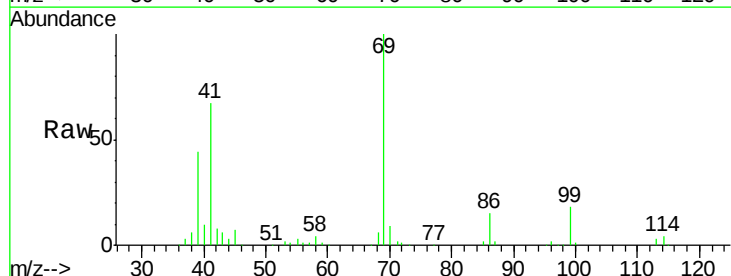
Tgt Ion: 69 Resp: 41245

Ion Ratio Lower Upper

69 100

41 66.5 49.4 74.0

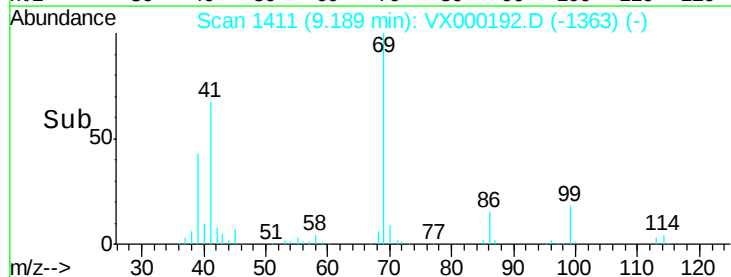
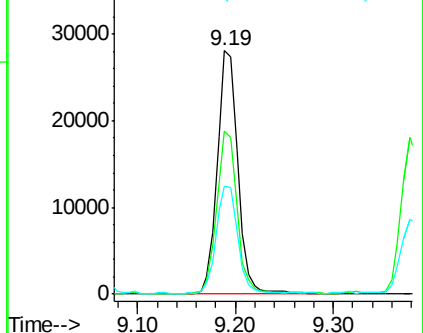
39 45.8 31.3 46.9

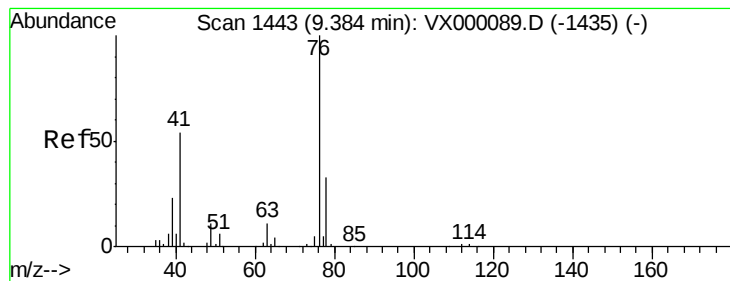


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 26.38 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

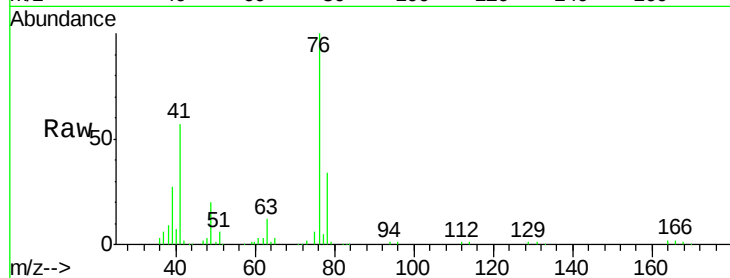
ClientSampled :

Tot Ion: 76 Resp: 45676

Ion Ratio Lower Upper

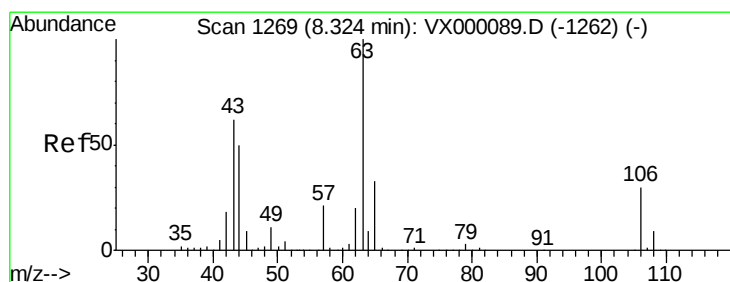
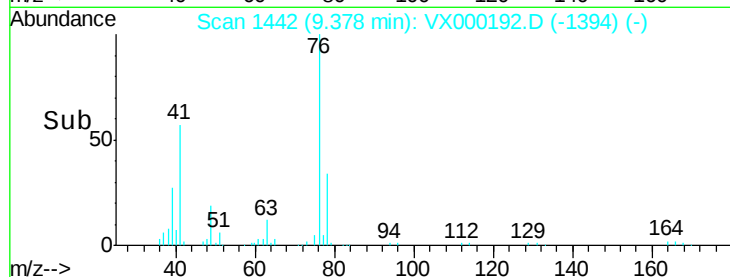
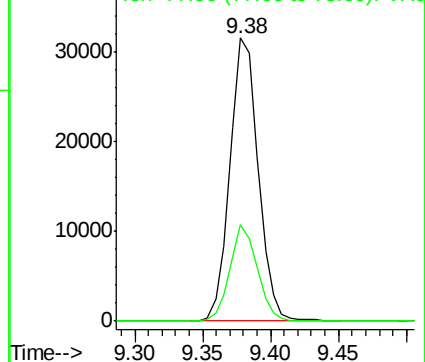
76 100

78 32.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 117.14 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000192.D

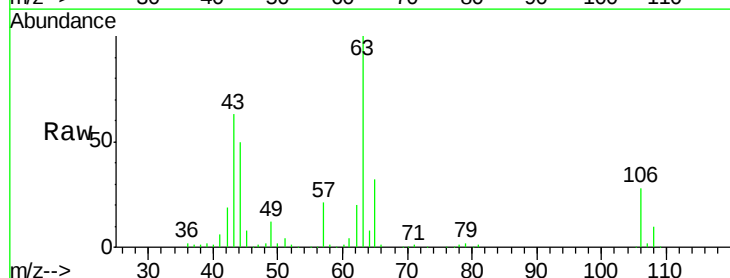
Acq: 02 Mar 2018 15:36

Tgt Ion: 63 Resp: 99061

Ion Ratio Lower Upper

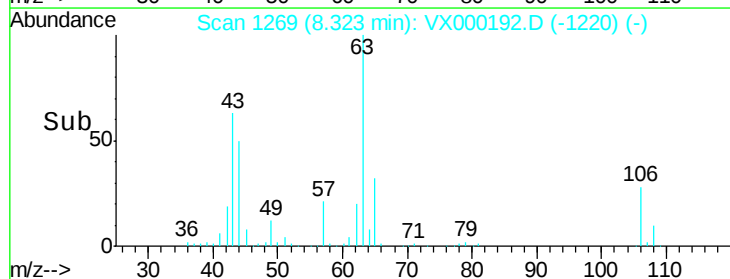
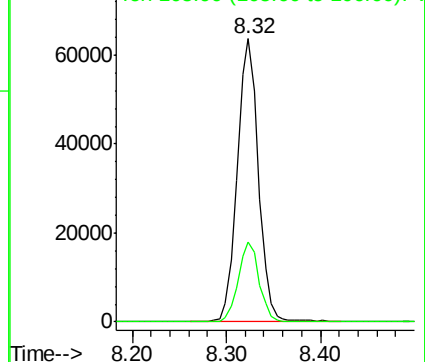
63 100

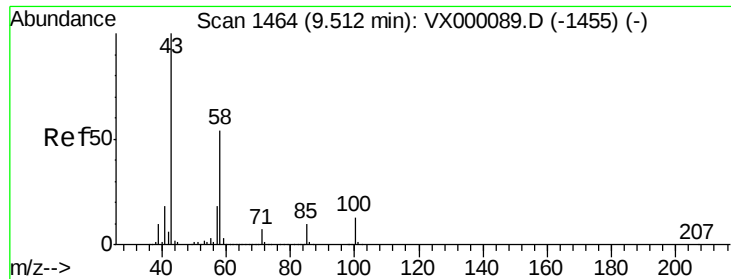
106 28.0 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

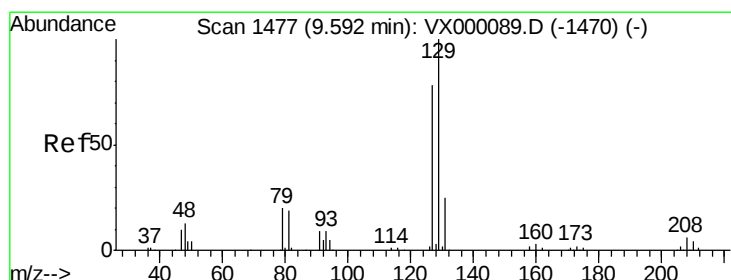
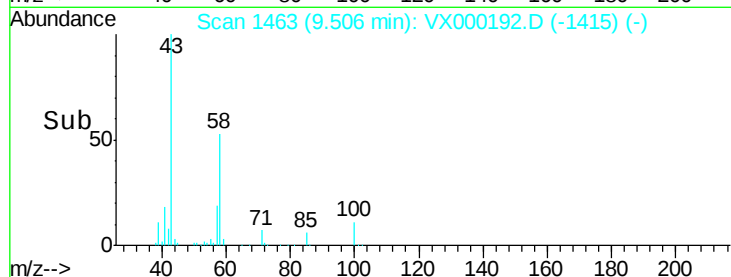
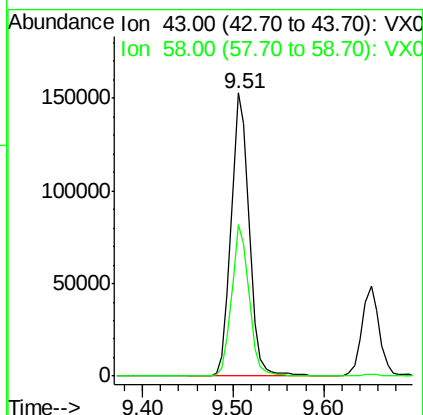
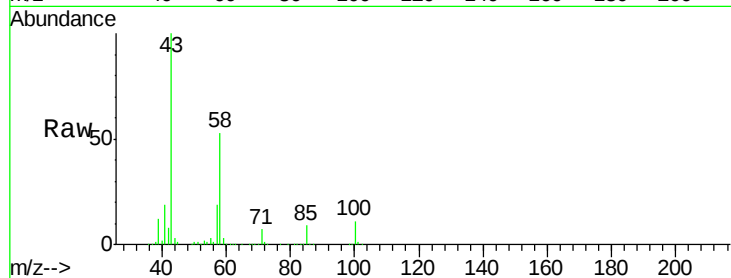




#59
2-Hexanone
Concen: 124.71 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

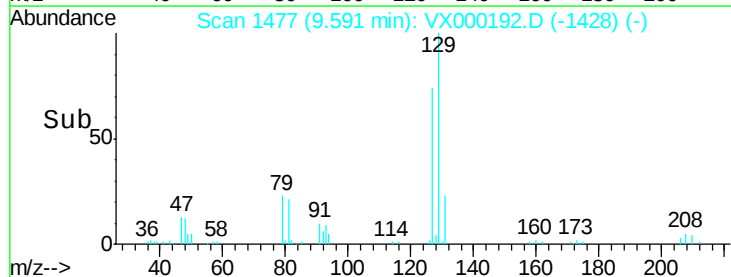
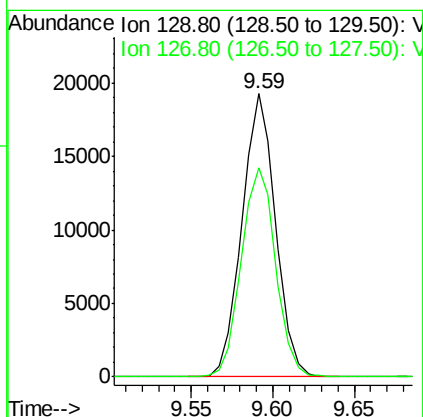
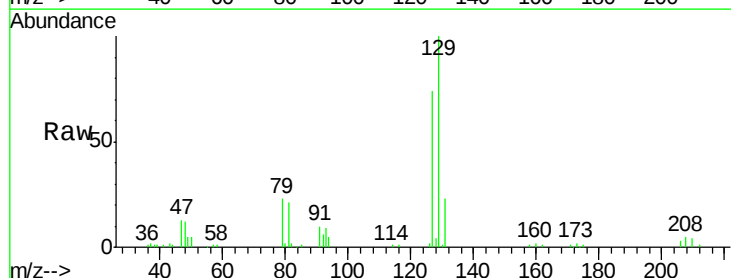
Instrument :
MSVOA_X
ClientSampleId :

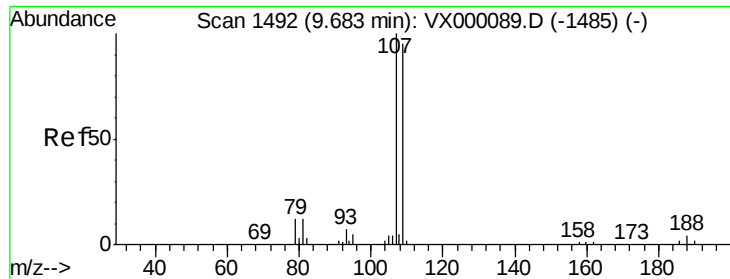
Tot Ion: 43 Resp: 211211
Ion Ratio Lower Upper
43 100
58 51.2 27.1 81.3



#60
Dibromochloromethane
Concen: 22.29 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion:129 Resp: 27527
Ion Ratio Lower Upper
129 100
127 75.4 37.6 112.9





#61

1,2-Dibromoethane

Concen: 24.56 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

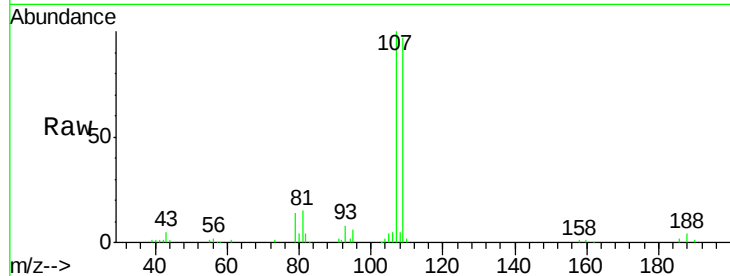
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 29714

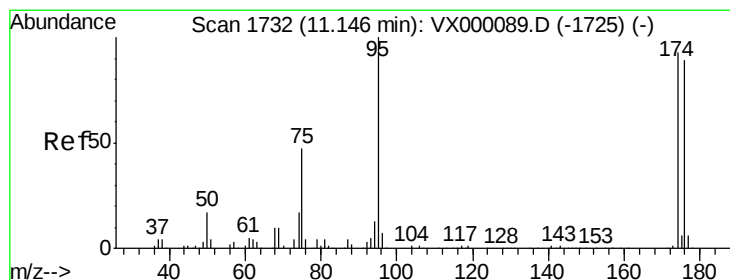
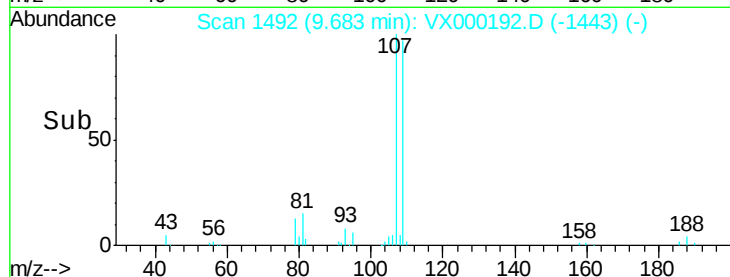
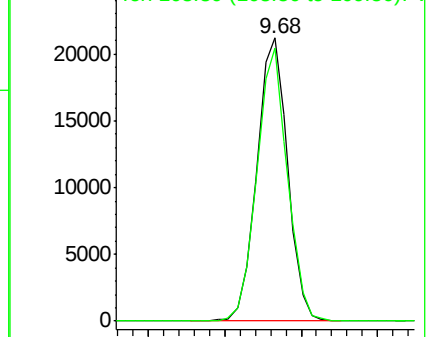
Ion Ratio Lower Upper

107 100

109 95.9 76.4 114.6



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



#62

4-Bromofluorobenzene

Concen: 51.56 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

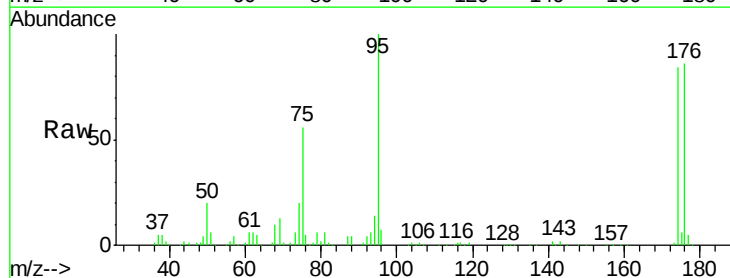
Tgt Ion: 95 Resp: 77472

Ion Ratio Lower Upper

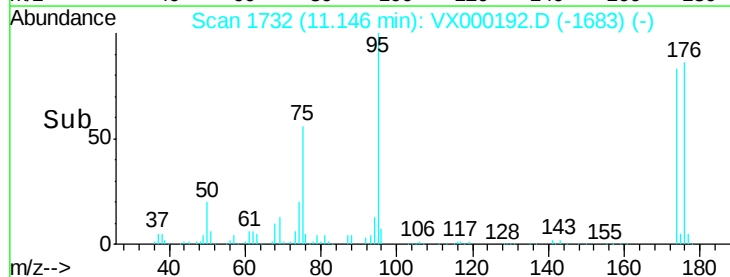
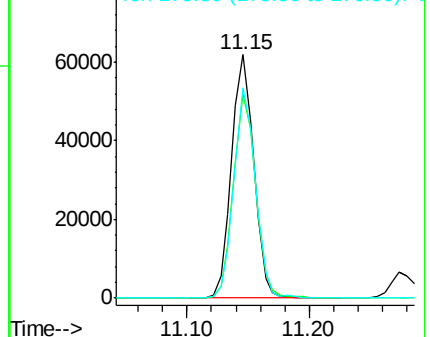
95 100

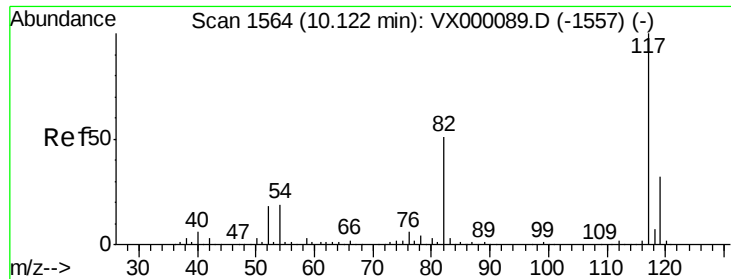
174 83.9 0.0 187.8

176 84.0 0.0 181.2



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

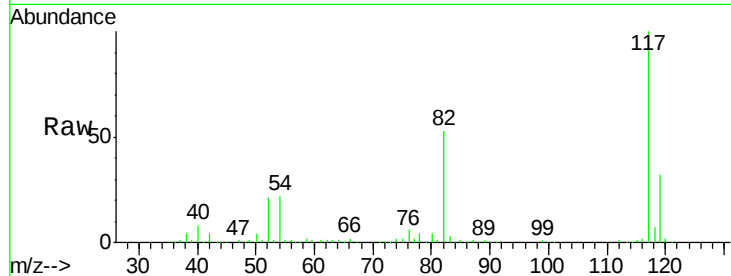




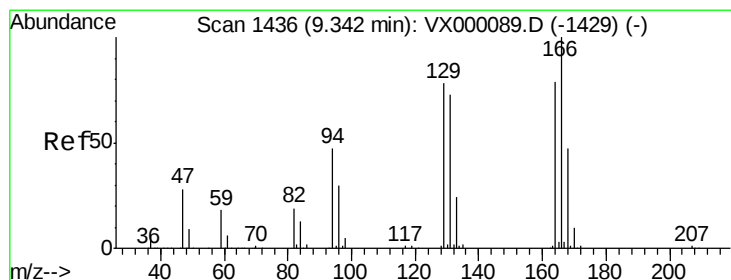
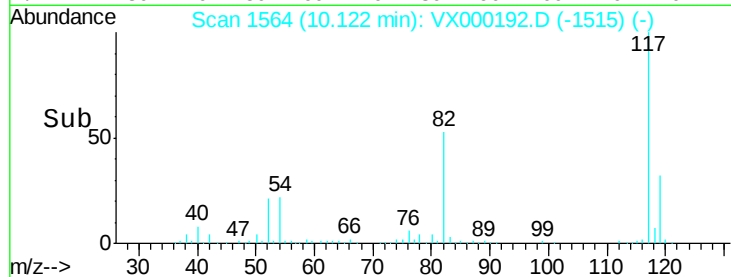
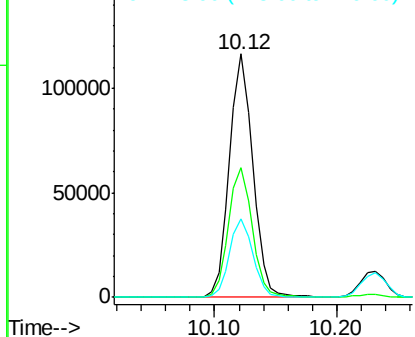
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 154447
Ion Ratio Lower Upper
117 100
82 53.3 41.0 61.6
119 32.1 25.5 38.3

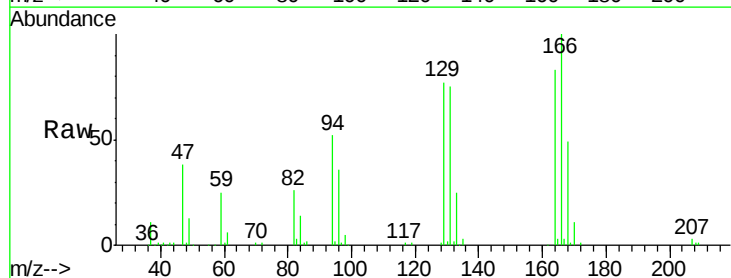


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

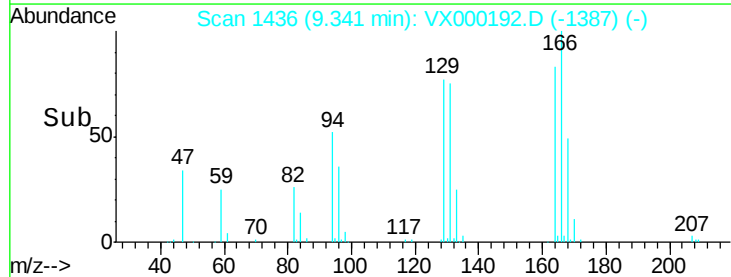
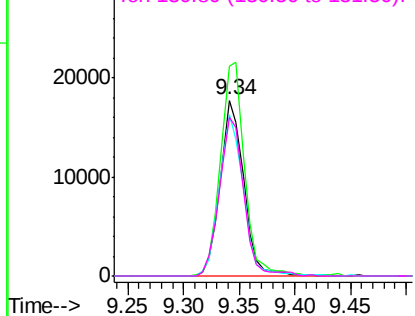


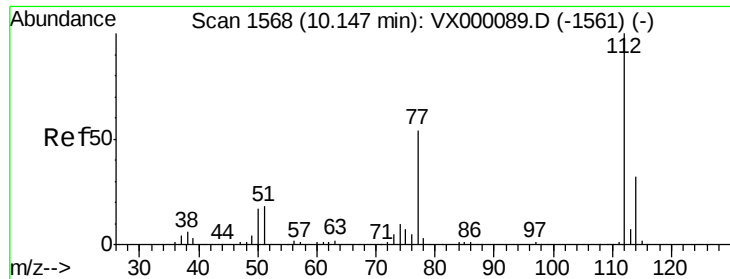
#64
Tetrachloroethene
Concen: 23.27 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion:164 Resp: 26168
Ion Ratio Lower Upper
164 100
166 119.8 101.4 152.2
129 91.8 78.6 118.0
131 90.1 73.8 110.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

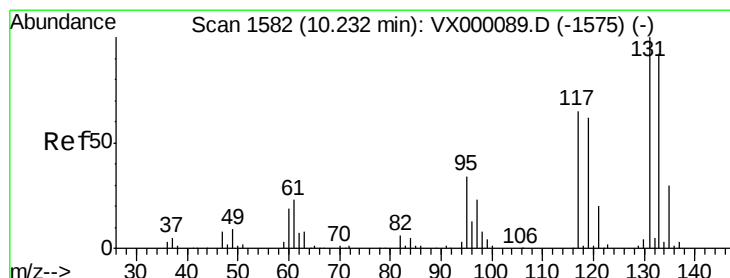
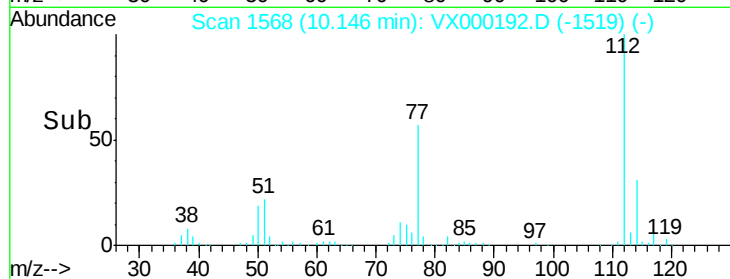
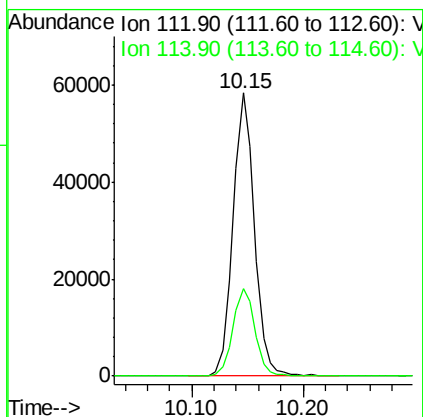
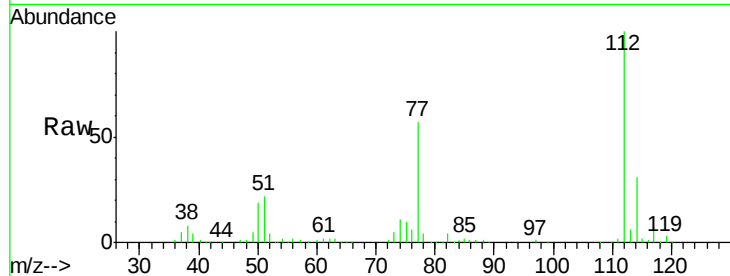




#65
Chlorobenzene
Concen: 23.82 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

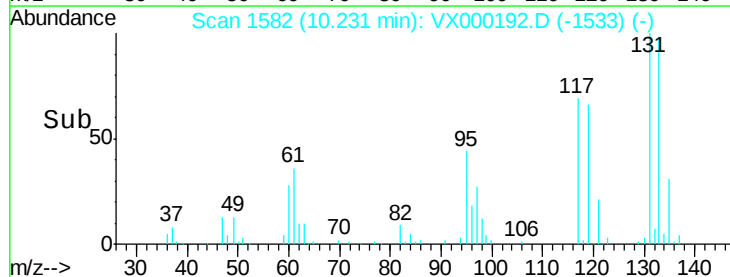
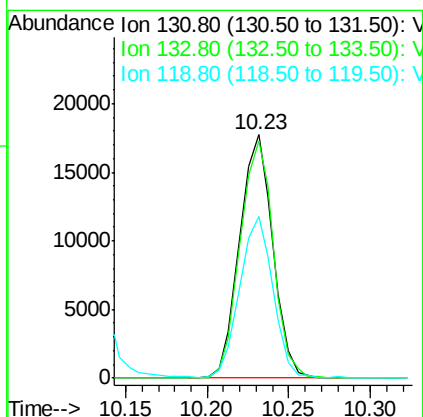
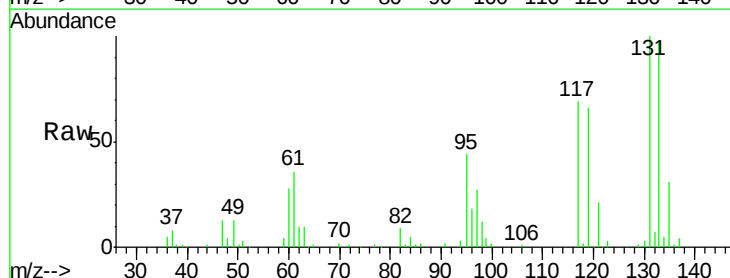
Instrument :
MSVOA_X
ClientSampleId :

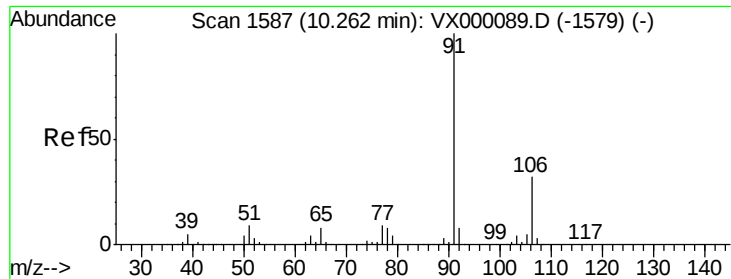
Tot Ion:112 Resp: 77675
Ion Ratio Lower Upper
112 100
114 31.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.13 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion:131 Resp: 25249
Ion Ratio Lower Upper
131 100
133 97.3 47.4 142.3
119 66.4 31.7 95.1

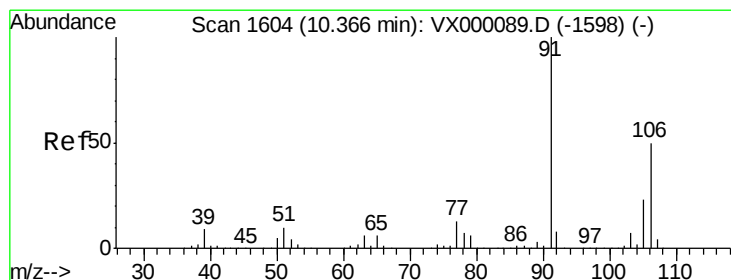
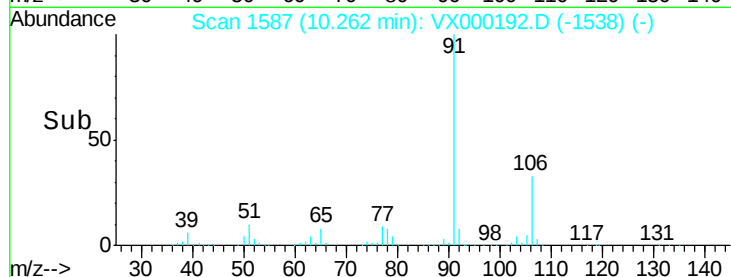
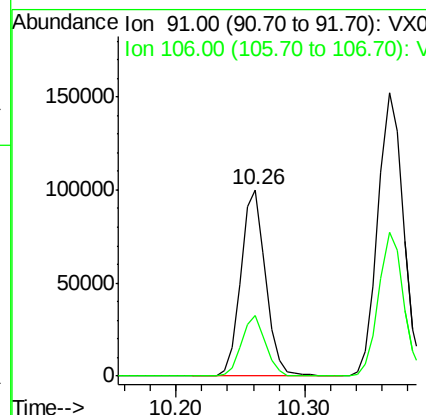
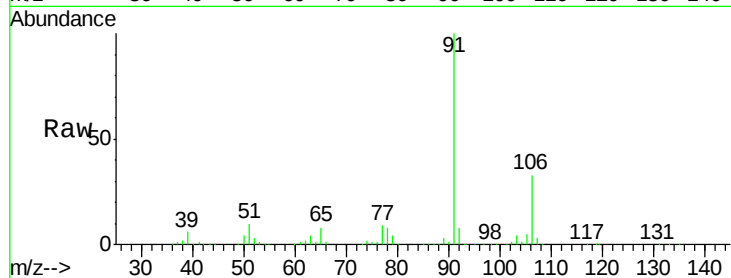




#67
Ethyl Benzene
Concen: 24.43 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

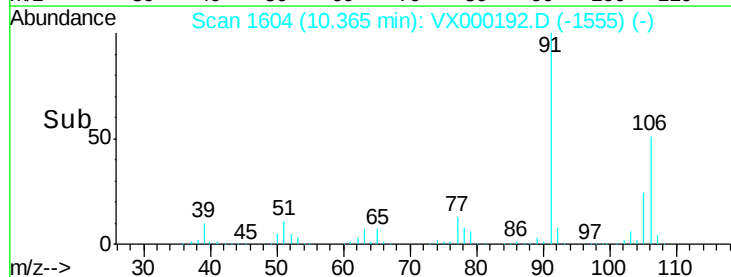
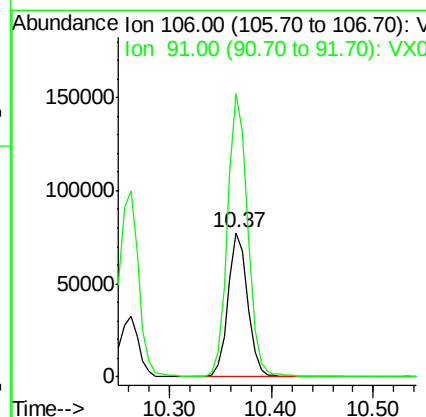
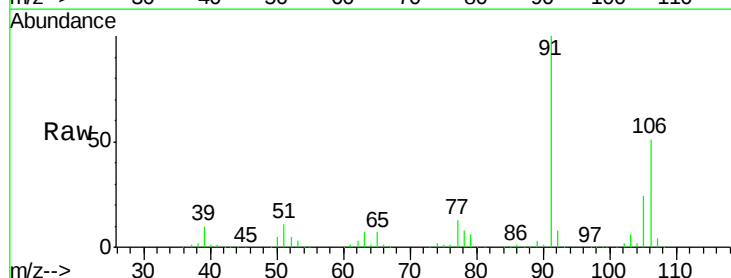
Instrument :
MSVOA_X
ClientSampleId :

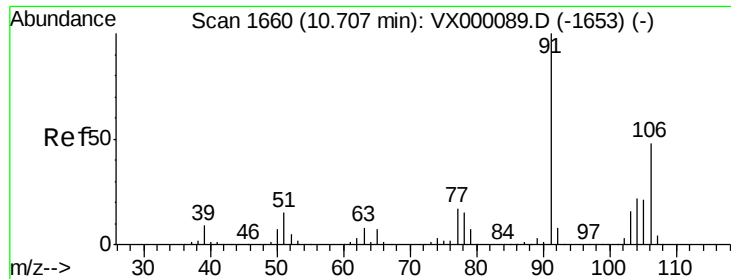
Tot Ion: 91 Resp: 133696
Ion Ratio Lower Upper
91 100
106 32.5 25.8 38.6



#68
m/p-Xylenes
Concen: 48.03 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion: 106 Resp: 104105
Ion Ratio Lower Upper
106 100
91 199.8 159.1 238.7

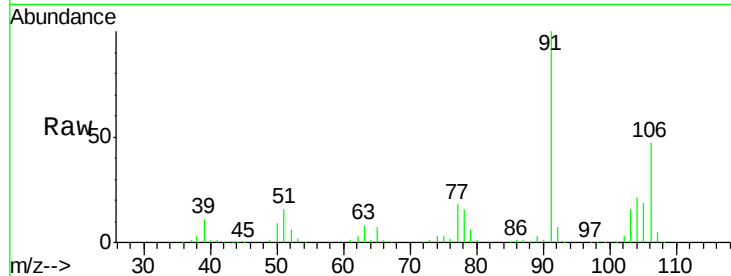




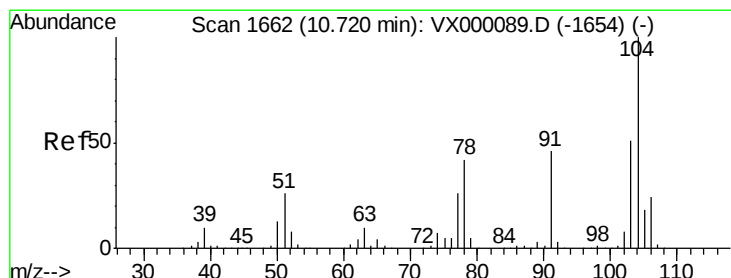
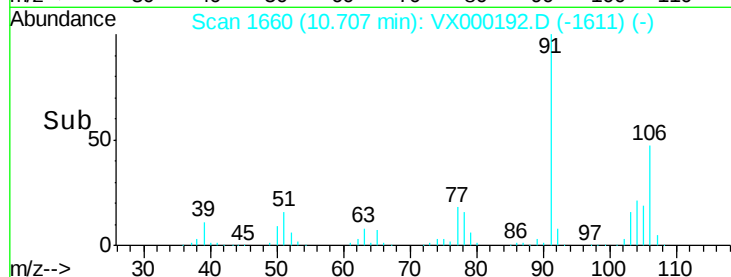
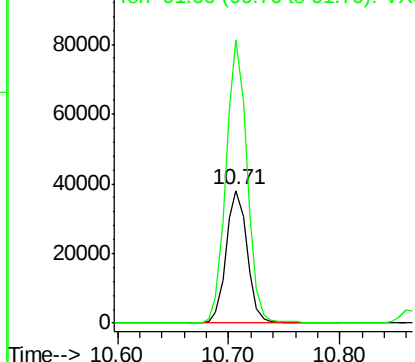
#69
o-Xylene
Concen: 23.94 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 50034
Ion Ratio Lower Upper
106 100
91 213.0 103.8 311.6

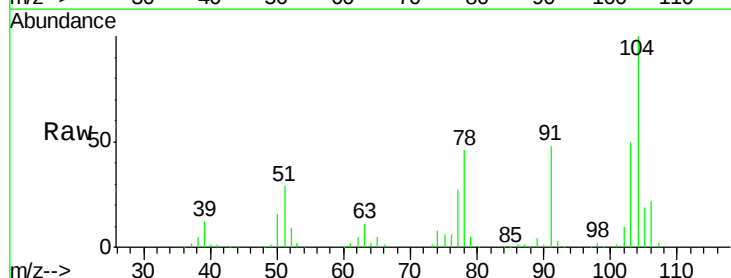


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

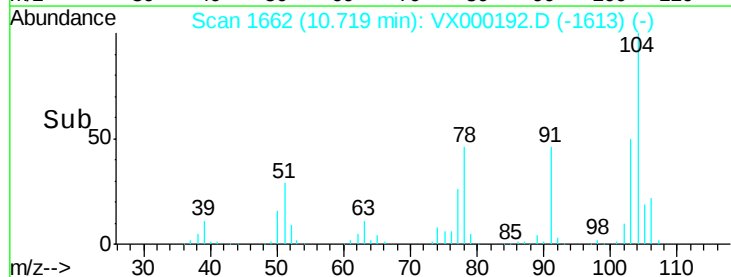
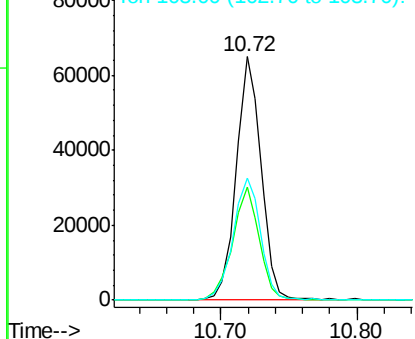


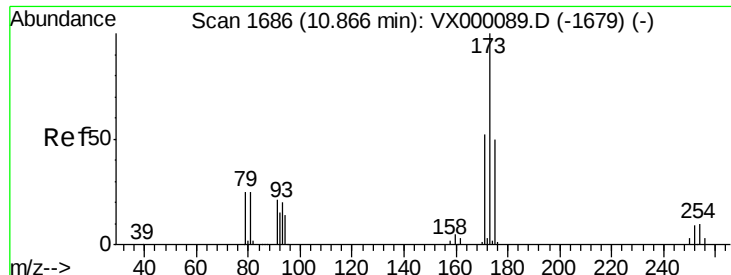
#70
Styrene
Concen: 24.21 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion:104 Resp: 82761
Ion Ratio Lower Upper
104 100
78 50.3 38.2 57.4
103 55.7 44.2 66.4



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

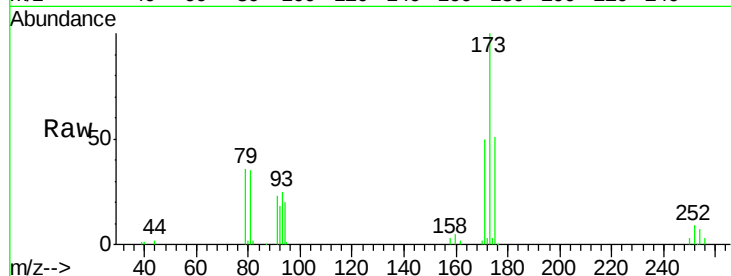




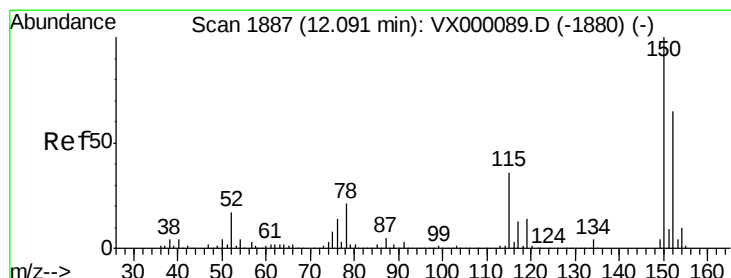
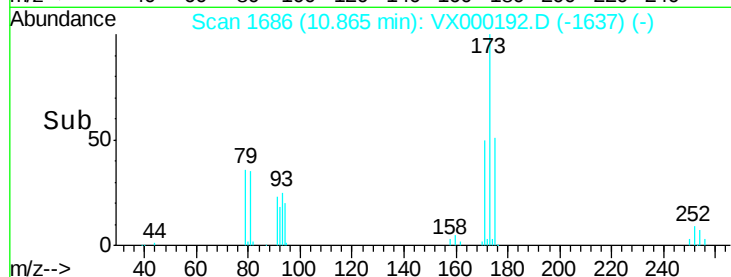
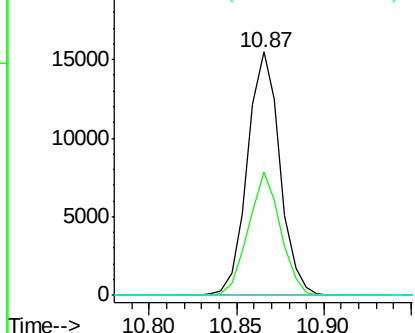
#71
Bromoform
Concen: 19.26 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 19960
Ion Ratio Lower Upper
173 100
175 50.0 24.3 73.0
254 0.0 0.0 0.0

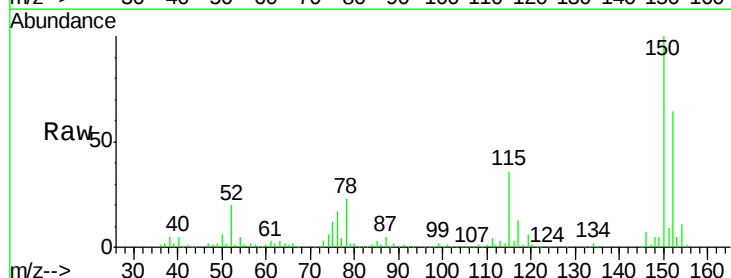


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

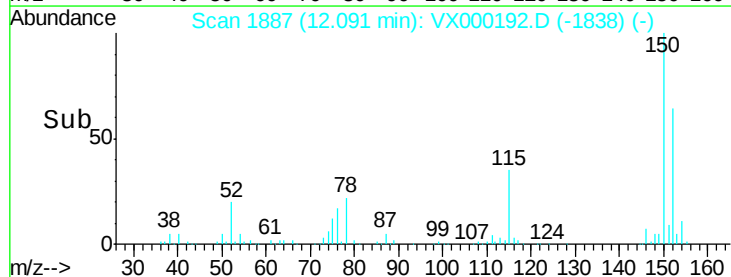
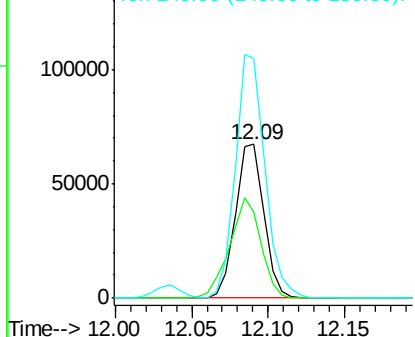


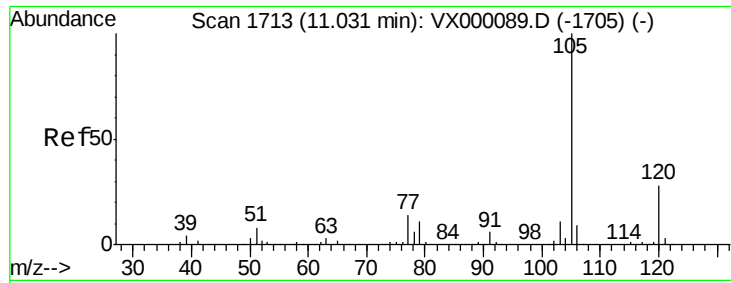
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion:152 Resp: 86589
Ion Ratio Lower Upper
152 100
115 71.3 39.1 117.2
150 165.3 0.0 348.2



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: 24.67 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

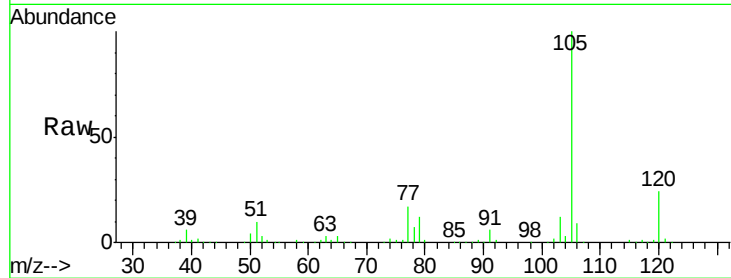
ClientSampled :

Tot Ion:105 Resp: 135362

Ion Ratio Lower Upper

105 100

120 26.2 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

100000

80000

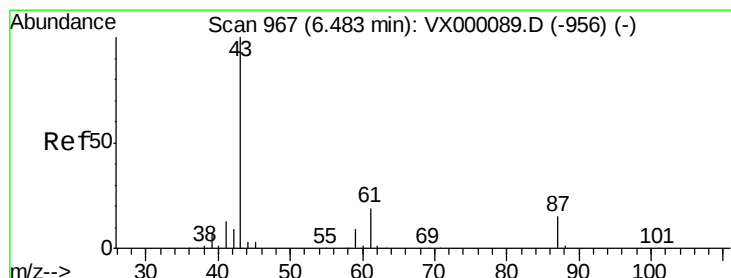
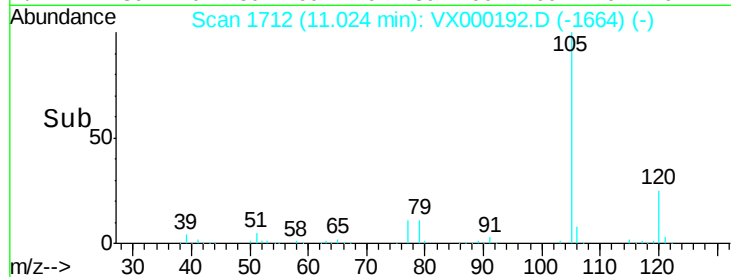
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 23.80 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Tgt Ion: 43 Resp: 65996

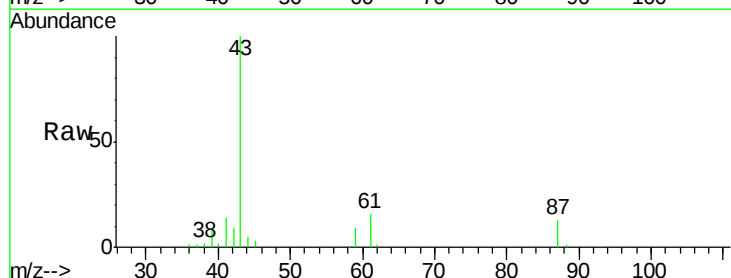
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.2 15.6 23.4



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

40000

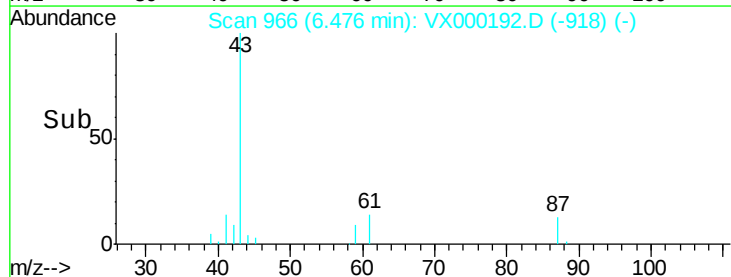
30000

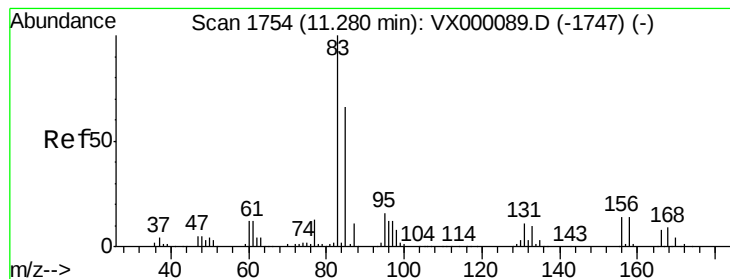
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 24.62 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

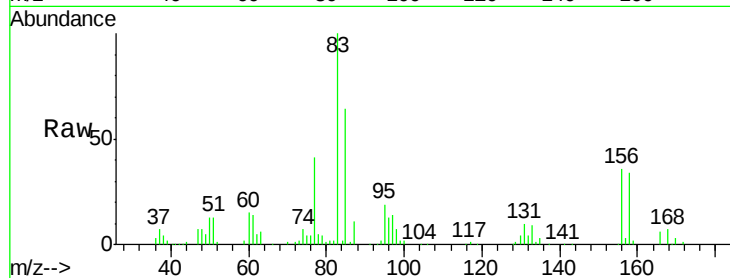
Tot Ion: 83 Resp: 47062

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

85 65.0 32.3 96.8

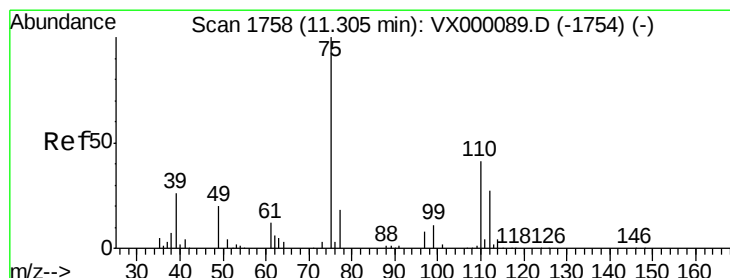
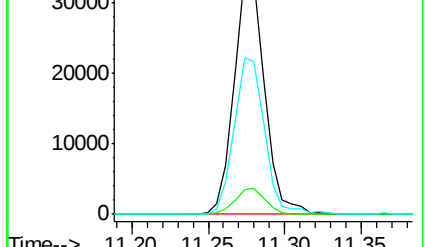
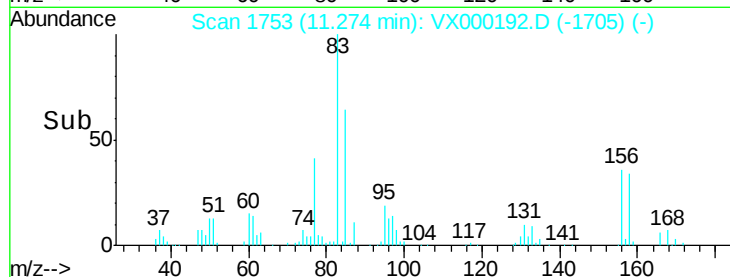


Abundance Ion 82.90 (82.60 to 83.60): VX000089.D (-1747) (-)

Ion 130.80 (130.50 to 131.50): VX000089.D (-1747) (-)

Ion 84.90 (84.60 to 85.60): VX000089.D (-1747) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 31.15 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000192.D

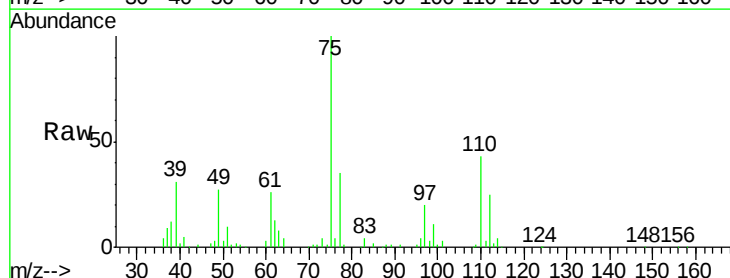
Acq: 02 Mar 2018 15:36

Tgt Ion: 75 Resp: 55882

Ion Ratio Lower Upper

75 100

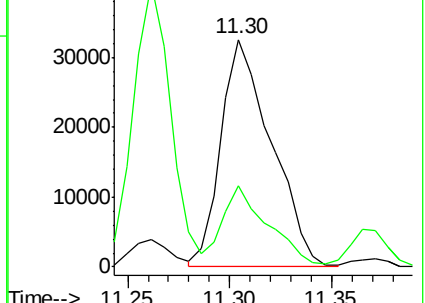
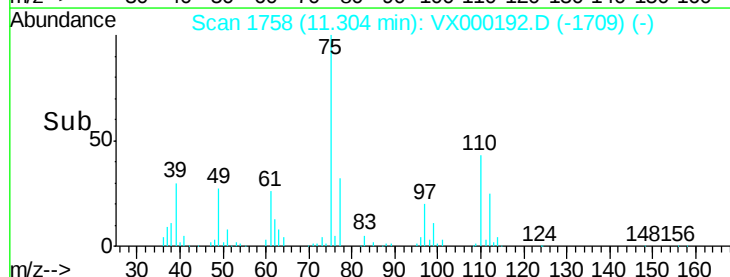
77 32.5 22.8 68.3

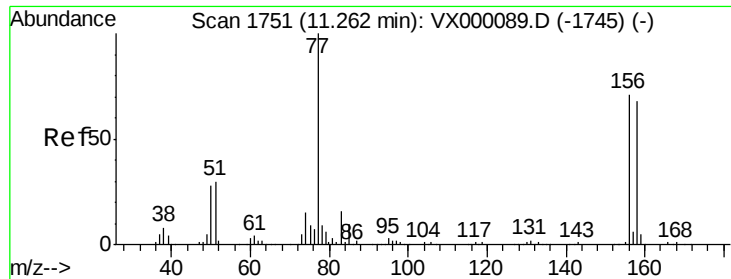


Abundance Ion 74.90 (74.60 to 75.60): VX000089.D (-1754) (-)

Ion 77.00 (76.70 to 77.70): VX000089.D (-1754) (-)

Time-->





#77

Bromobenzene

Concen: 22.63 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

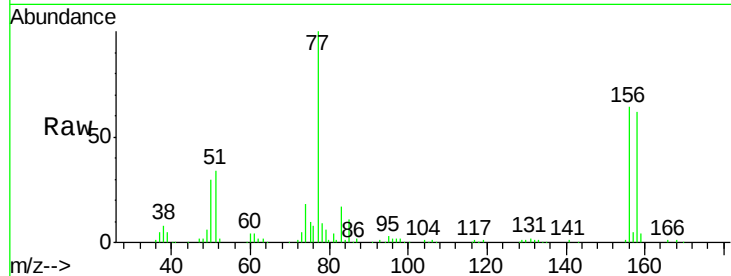
Tot Ion:156 Resp: 33653

Ion Ratio Lower Upper

156 100

77 155.4 67.0 201.0

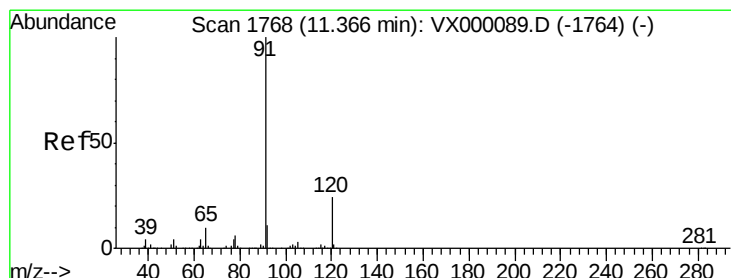
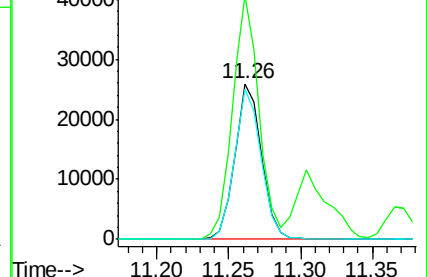
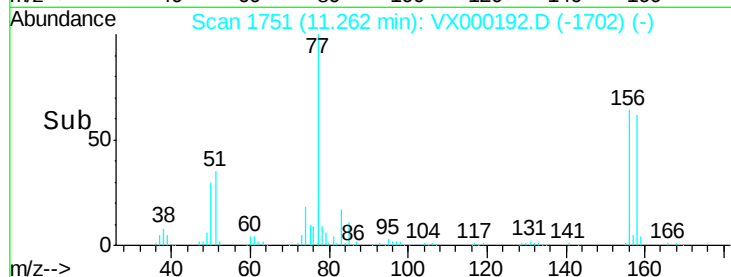
158 96.7 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 25.39 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000192.D

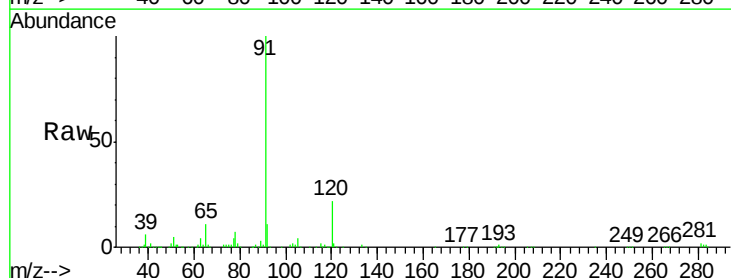
Acq: 02 Mar 2018 15:36

Tgt Ion: 91 Resp: 164244

Ion Ratio Lower Upper

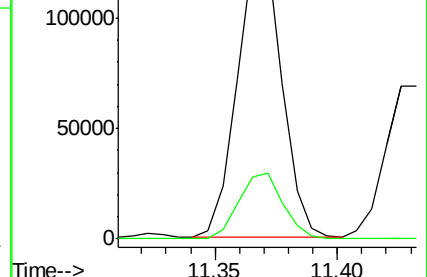
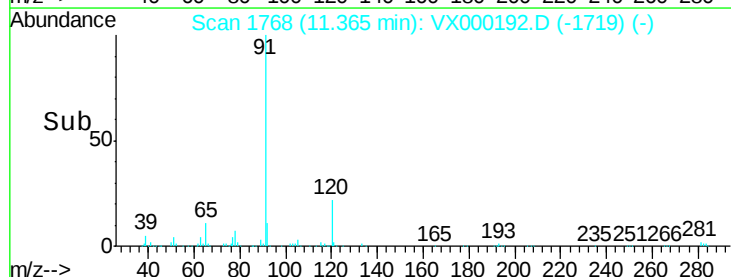
91 100

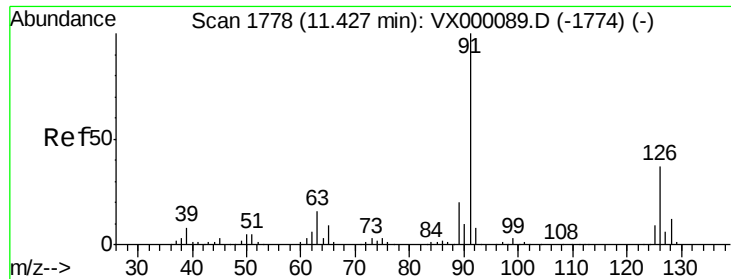
120 23.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 24.68 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

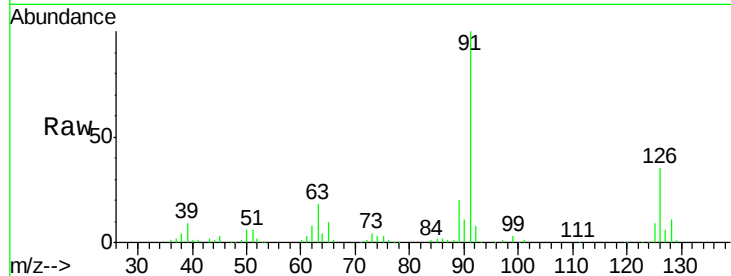
ClientSampled :

Tot Ion: 91 Resp: 91368

Ion Ratio Lower Upper

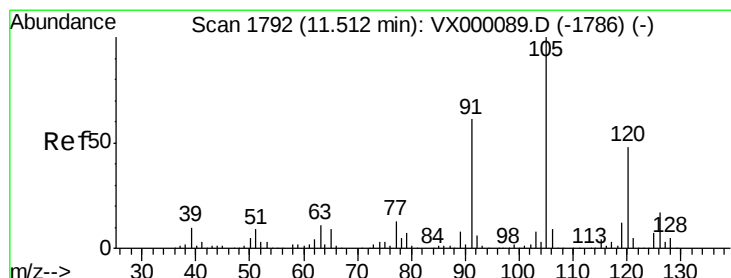
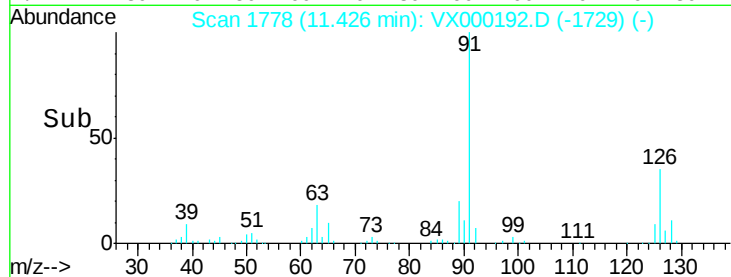
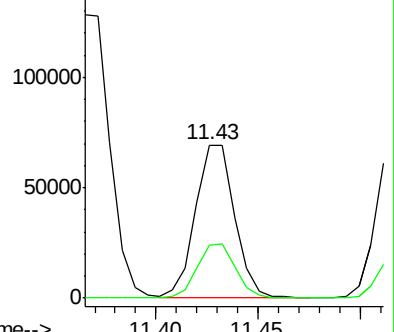
91 100

126 35.4 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VX000089.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000089.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 24.88 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000192.D

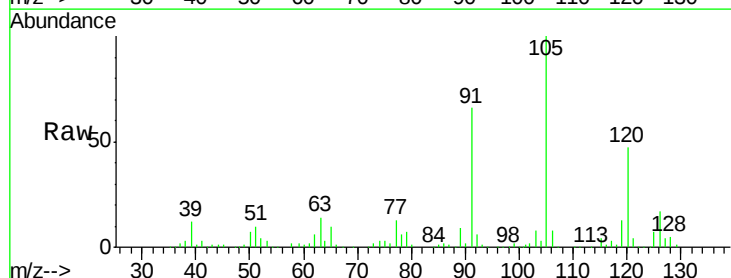
Acq: 02 Mar 2018 15:36

Tgt Ion: 105 Resp: 115428

Ion Ratio Lower Upper

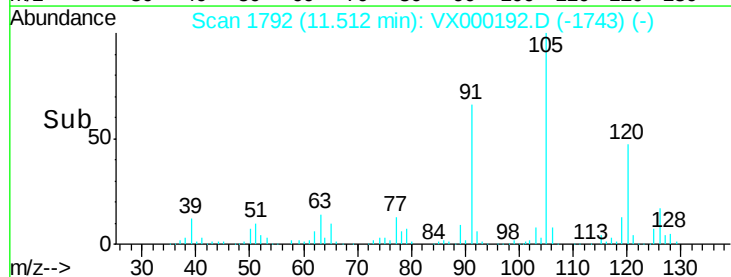
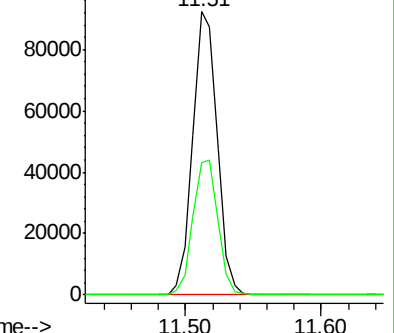
105 100

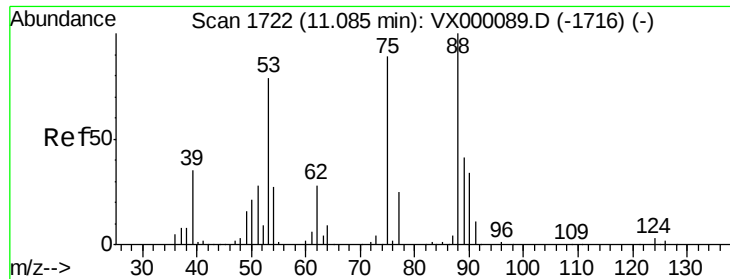
120 48.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000089.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000089.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.70 ug/l

RT: 11.08 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

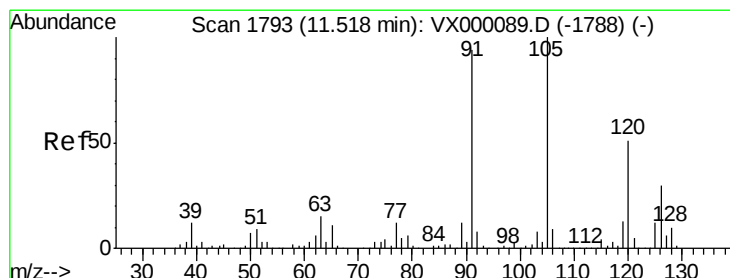
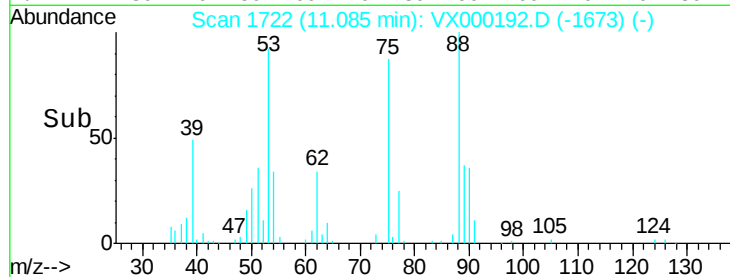
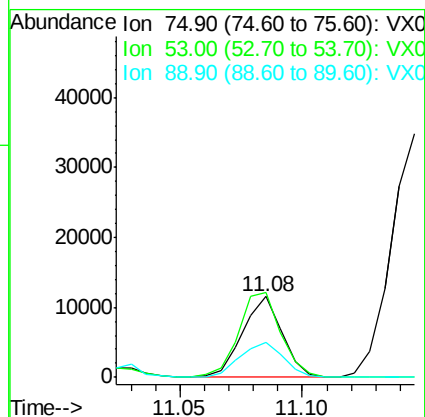
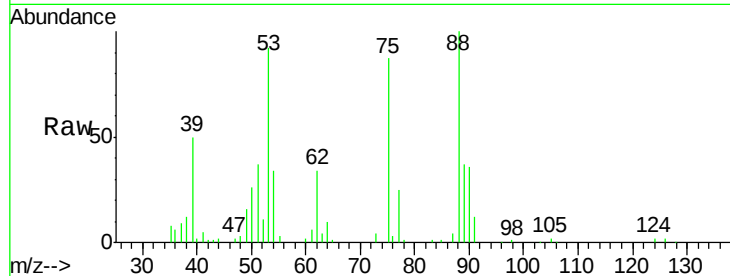
Tot Ion: 75 Resp: 13035

Ion Ratio Lower Upper

75 100

53 112.0 72.3 108.5#

89 47.7 40.6 60.8



#82

4-Chlorotoluene

Concen: 24.86 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000192.D

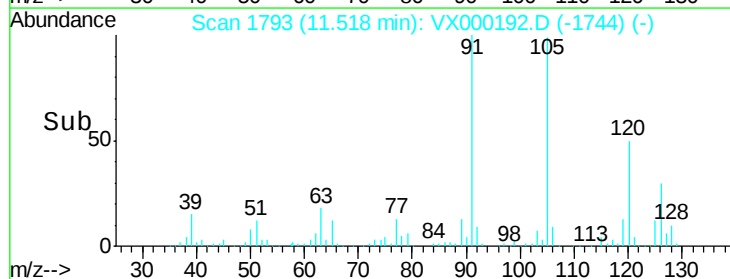
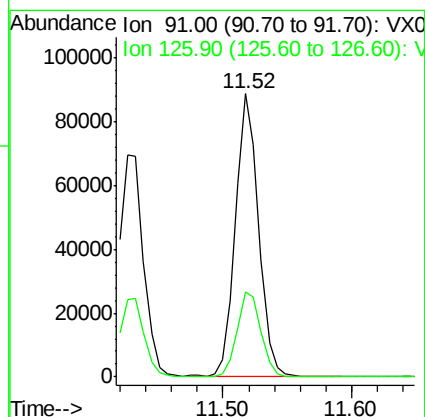
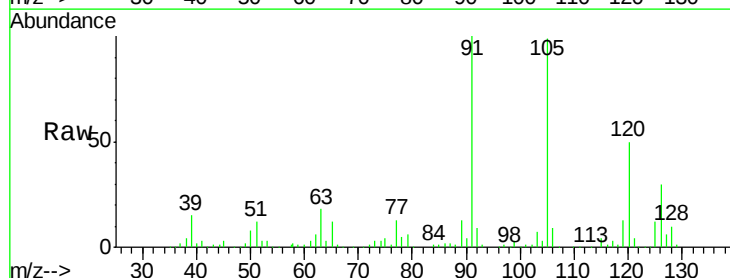
Acq: 02 Mar 2018 15:36

Tgt Ion: 91 Resp: 111338

Ion Ratio Lower Upper

91 100

126 31.0 16.7 50.0

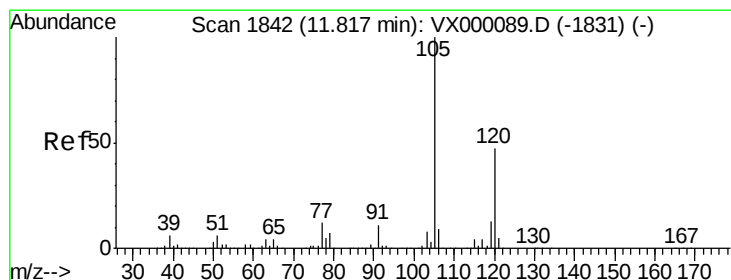
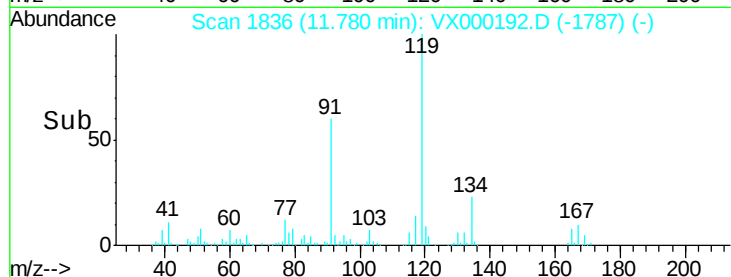
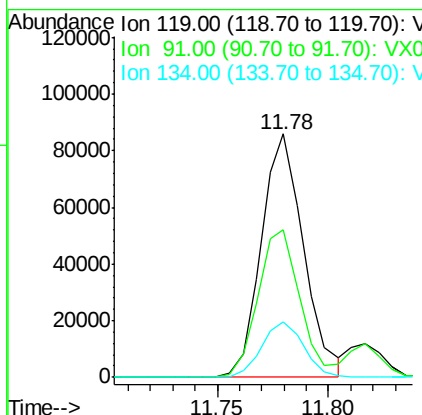
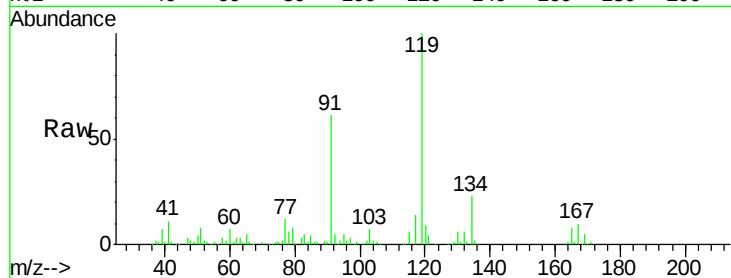




#83
 tert-Butylbenzene
 Concen: 24.20 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

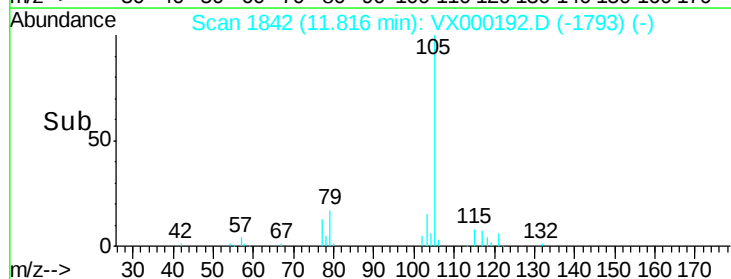
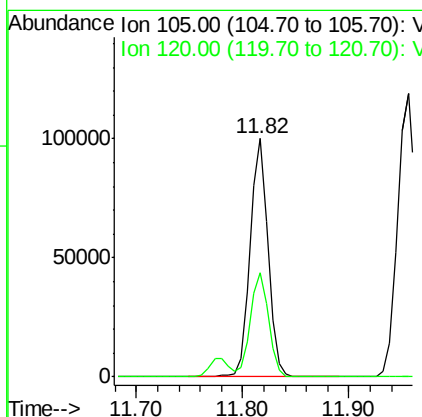
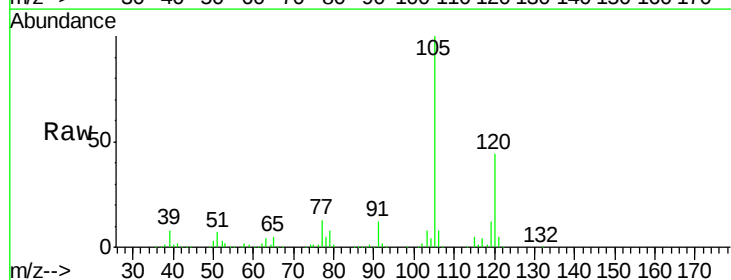
Instrument :
 MSVOA_X
 ClientSampleID :

Tot Ion:119 Resp: 113370
 Ion Ratio Lower Upper
 119 100
 91 59.5 28.4 85.2
 134 22.6 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 24.61 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Tgt Ion:105 Resp: 118525
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 24.84 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

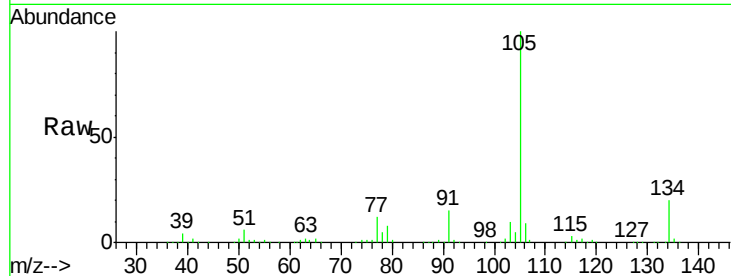
ClientSampleId :

Tot Ion:105 Resp: 144524

Ion Ratio Lower Upper

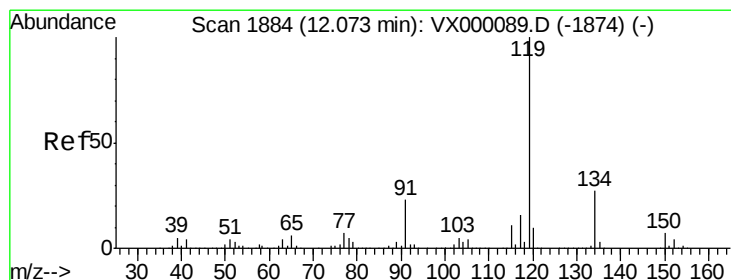
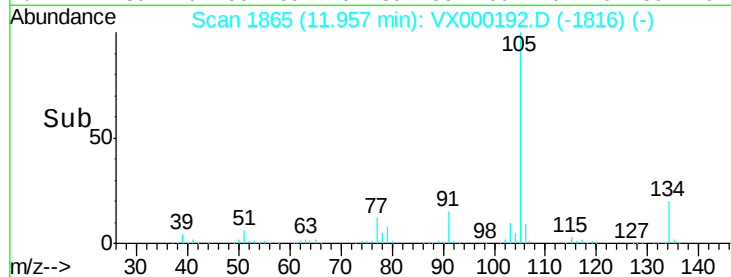
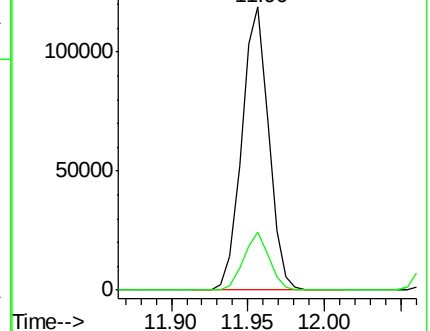
105 100

134 19.2 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 24.39 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

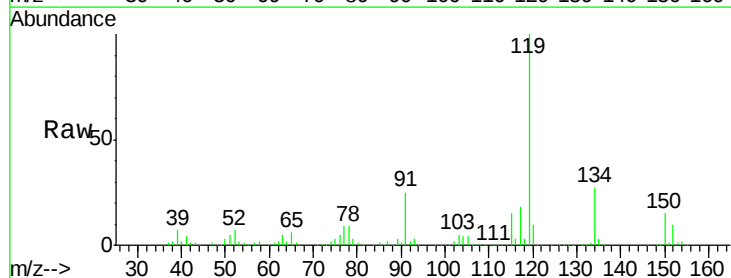
Tgt Ion:119 Resp: 126790

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

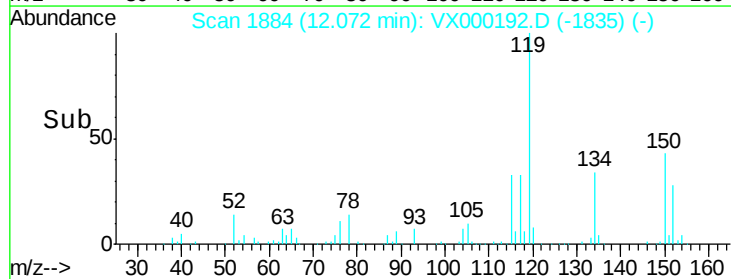
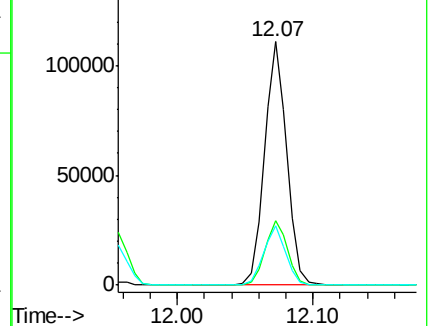
91 24.5 11.7 35.0

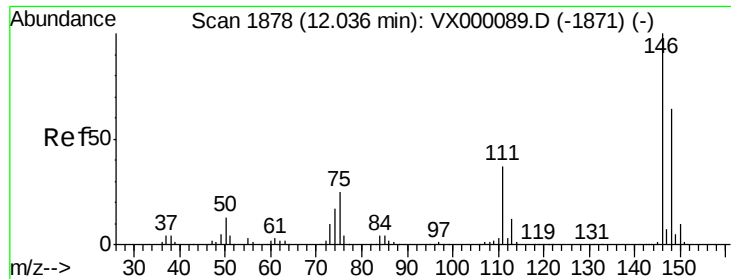


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

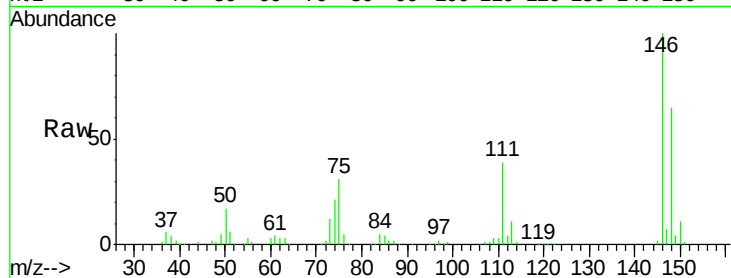




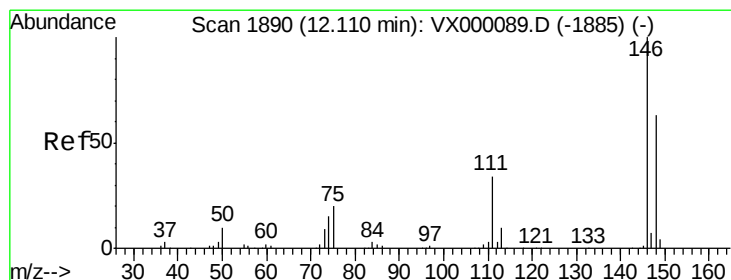
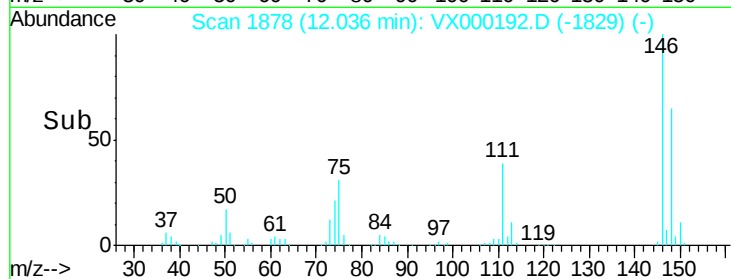
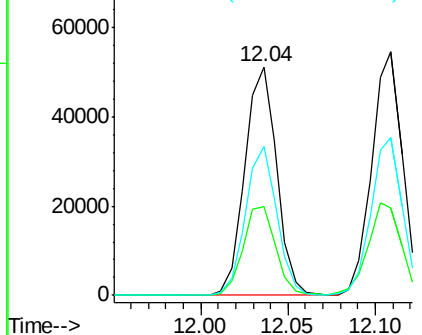
#87
 1,3-Dichlorobenzene
 Concen: 22.82 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 65103
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.1 57.3
 148 64.0 32.2 96.6

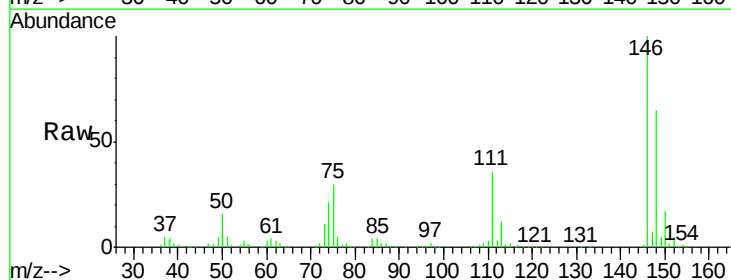


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

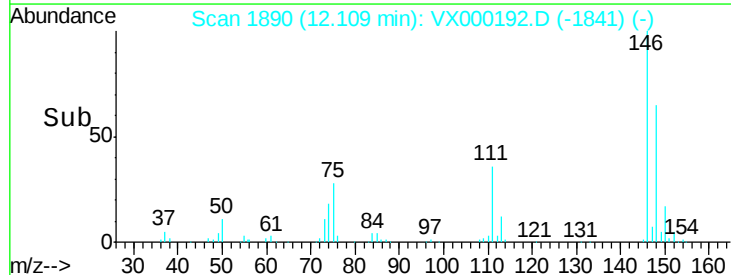
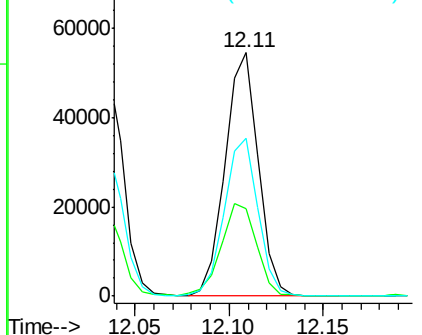


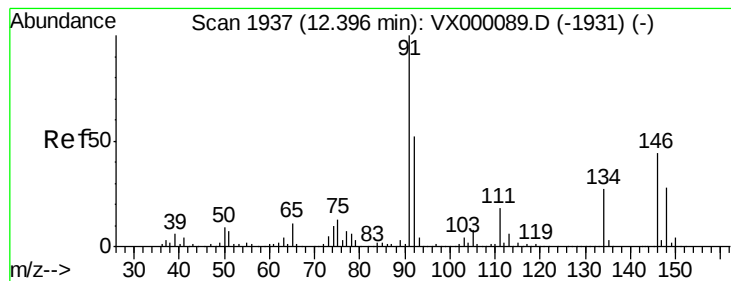
#88
 1,4-Dichlorobenzene
 Concen: 22.64 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Tgt Ion:146 Resp: 66754
 Ion Ratio Lower Upper
 146 100
 111 40.9 18.4 55.0
 148 65.9 31.9 95.9



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: 25.29 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000192.D

Acq: 02 Mar 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

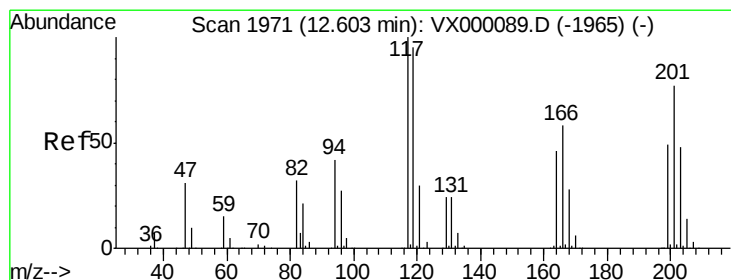
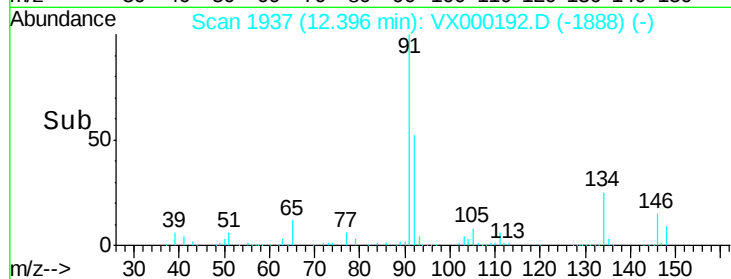
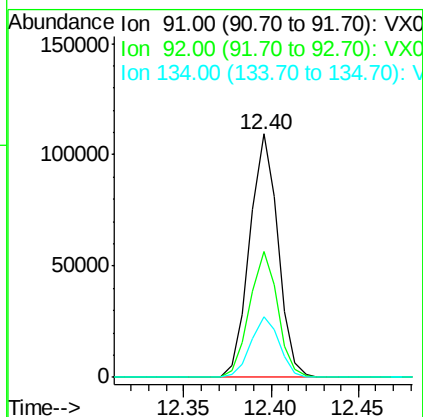
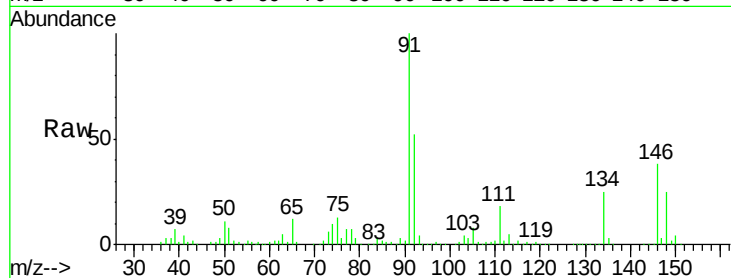
Tot Ion: 91 Resp: 123967

Ion Ratio Lower Upper

91 100

92 51.3 26.2 78.6

134 25.2 14.3 42.9



#90

Hexachloroethane

Concen: 21.55 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000192.D

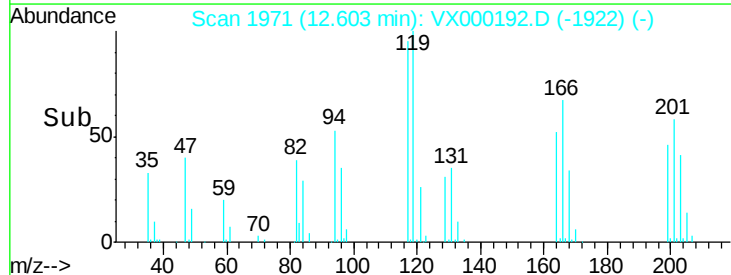
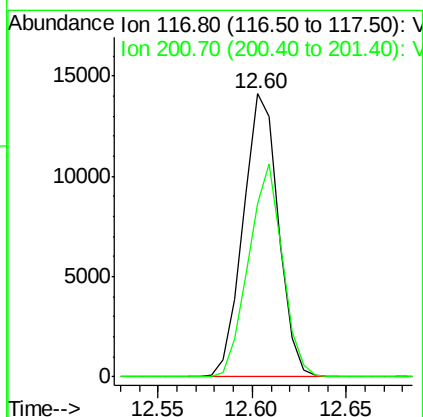
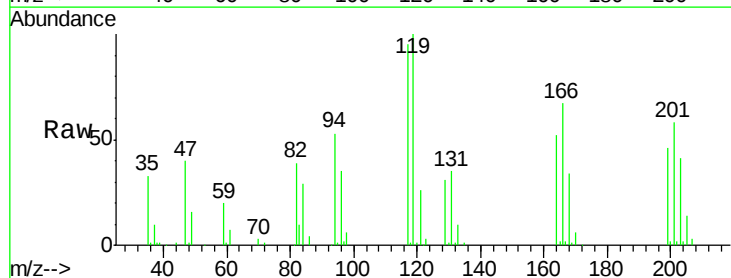
Acq: 02 Mar 2018 15:36

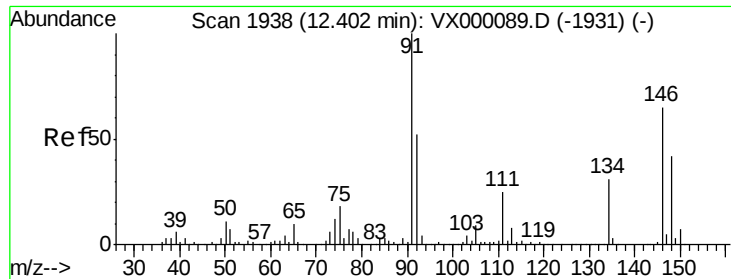
Tgt Ion: 117 Resp: 18244

Ion Ratio Lower Upper

117 100

201 72.4 41.1 123.4

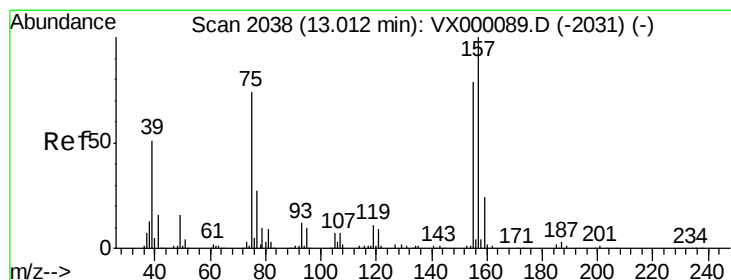
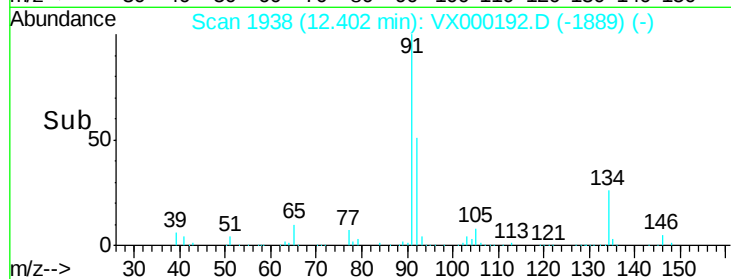
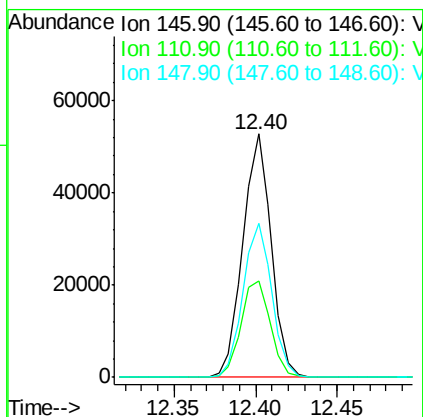
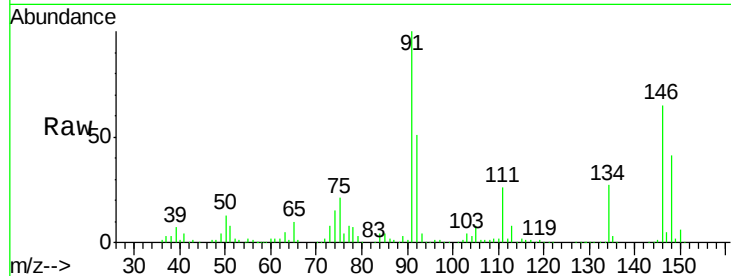




#91
1,2-Dichlorobenzene
Concen: 22.88 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

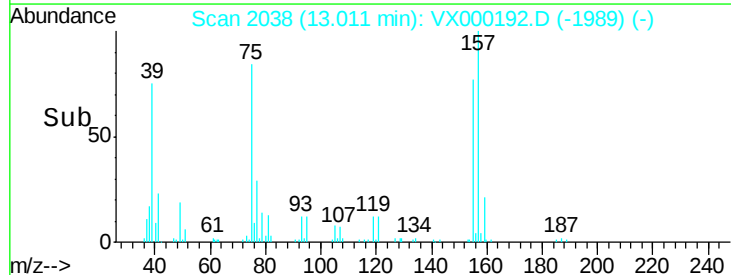
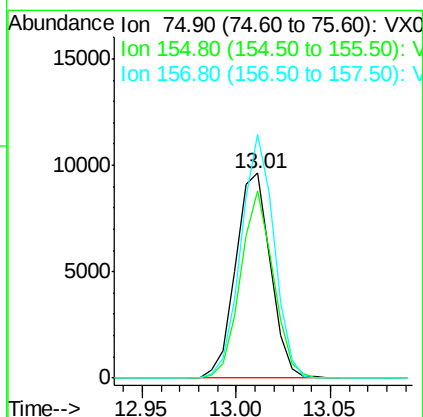
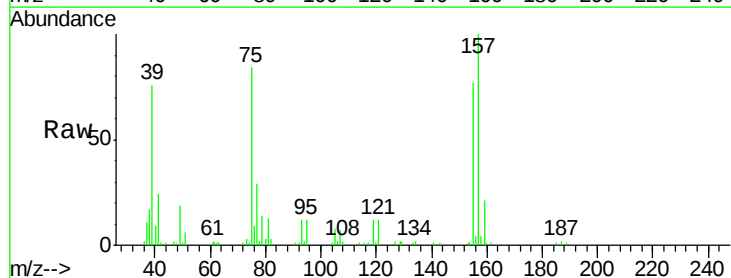
Instrument :
MSVOA_X
ClientSampleId :

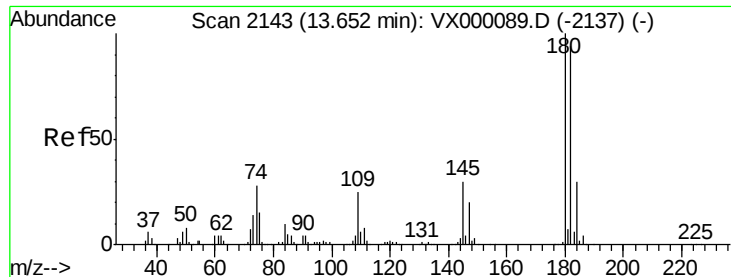
Tot Ion:146 Resp: 64251
Ion Ratio Lower Upper
146 100
111 41.1 19.6 58.8
148 64.1 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.31 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion: 75 Resp: 12368
Ion Ratio Lower Upper
75 100
155 85.2 49.3 147.9
157 112.3 63.7 191.1

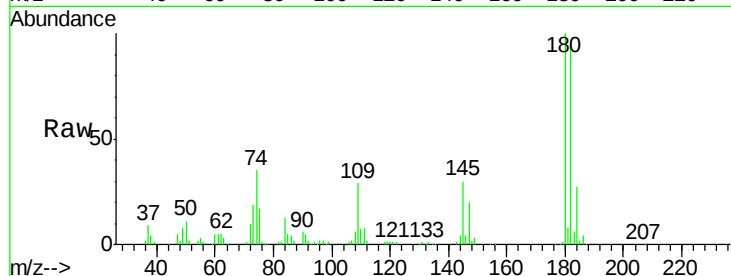




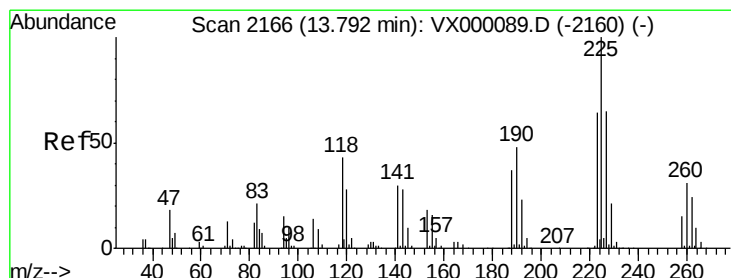
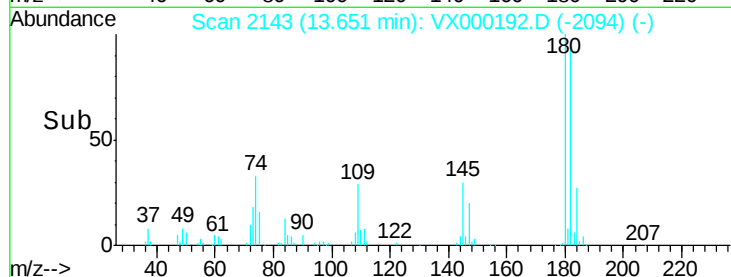
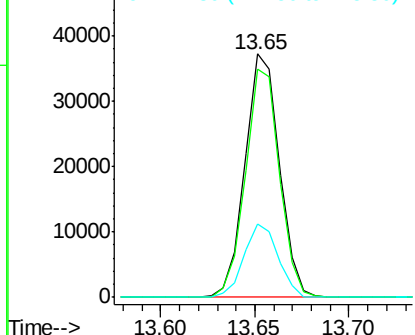
#93
 1,2,4-Trichlorobenzene
 Concen: 22.35 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.8	143.4
145	29.9	14.7	44.1

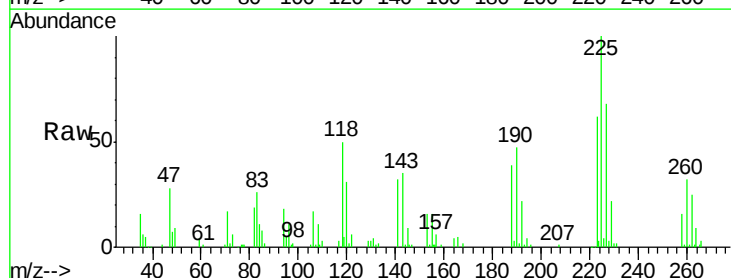


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

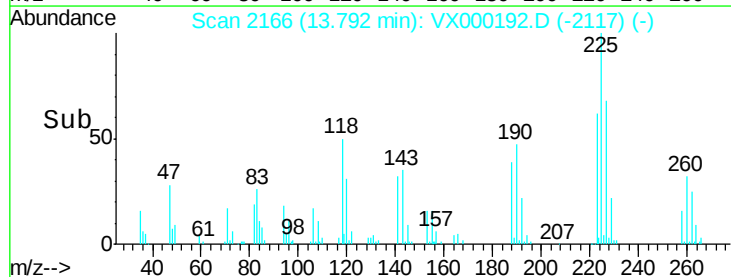
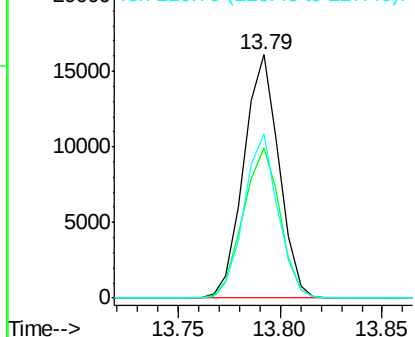


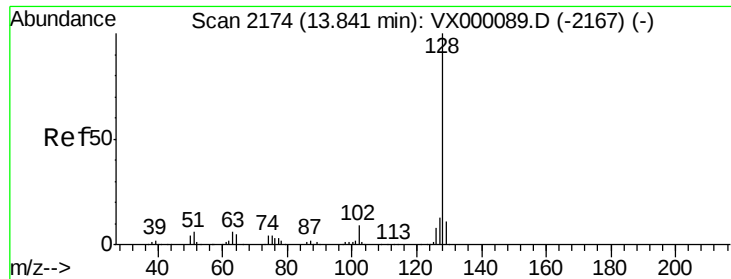
#94
 Hexachlorobutadiene
 Concen: 20.95 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000192.D
 Acq: 02 Mar 2018 15:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.9	95.7
227	65.6	32.8	98.4



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

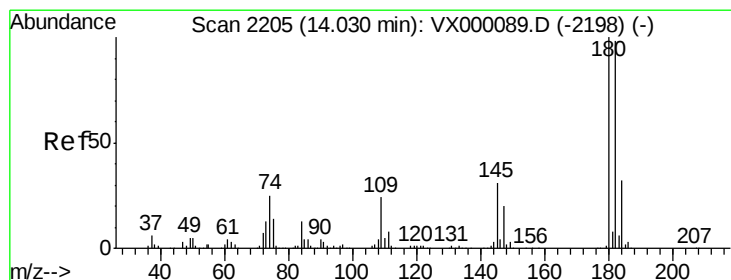
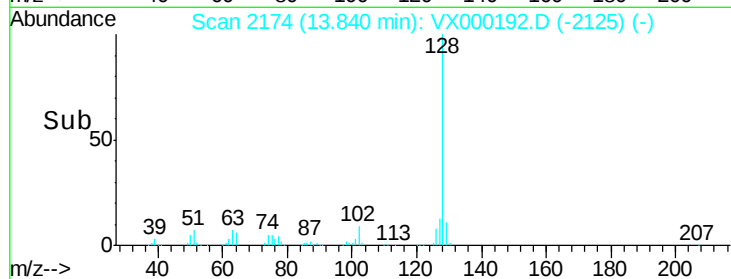
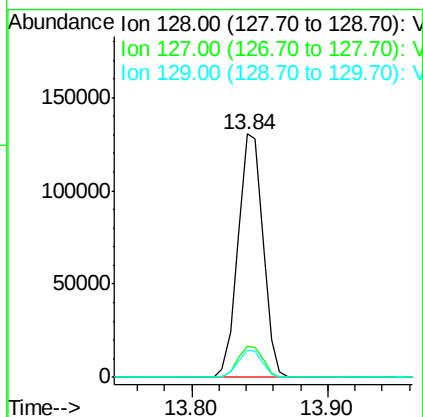
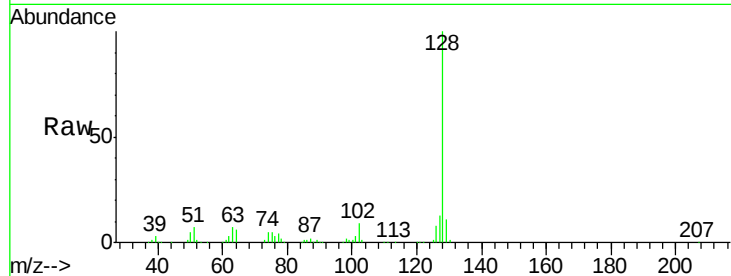




#95
Naphthalene
Concen: 23.36 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 166869
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.16 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000192.D
Acq: 02 Mar 2018 15:36

Tgt Ion:180 Resp: 46076
Ion Ratio Lower Upper
180 100
182 94.8 48.2 144.6
145 30.9 15.3 45.9

