

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000232.D
 Acq On : 08 Mar 2018 20:36
 Operator : JC/MD
 Sample : J1819-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 09 04:16:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	4144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	6069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	5551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	2830	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	2001	34.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	69.66%	
35) Dibromofluoromethane	5.53	113	1311	34.39	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	68.78%	
50) Toluene-d8	8.73	98	5337	33.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.60%	
62) 4-Bromofluorobenzene	11.14	95	2351	38.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	42	0.93	ug/l #	41
3) Chloromethane	1.33	50	91	2.06	ug/l #	42
4) Vinyl Chloride	1.41	62	108	2.10	ug/l #	43
5) Bromomethane	1.74	94	42	Below Cal	#	3
6) Chloroethane	1.73	64	387	11.72	ug/l #	42
8) Diethyl Ether	2.20	74	122	3.90	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66	1.39	ug/l #	25
11) Tert butyl alcohol	3.09	59	83	3.93	ug/l #	72
12) 1,1-Dichloroethene	2.42	96	50	1.14	ug/l #	1
13) Acrolein	2.31	56	49	4.42	ug/l #	72
14) Allyl chloride	2.74	41	387	4.79	ug/l #	48
15) Acrylonitrile	3.16	53	177	4.82	ug/l #	31
16) Acetone	2.45	43	3000	72.72	ug/l	95
17) Carbon Disulfide	2.58	76	709	5.92	ug/l	99
18) Methyl Acetate	2.79	43	201	2.29	ug/l #	77
20) Methylene Chloride	2.87	84	13732	279.11	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	29	0.60	ug/l #	85
22) Diisopropyl ether	3.87	45	31	0.22	ug/l #	30
23) Vinyl Acetate	3.84	43	109	0.82	ug/l #	72
25) 2-Butanone	4.74	43	747	14.67	ug/l #	50
26) 2,2-Dichloropropane	4.49	77	63	1.01	ug/l #	53
29) Tetrahydrofuran	5.20	42	332	10.38	ug/l #	54
30) Chloroform	5.24	83	101	1.23	ug/l #	18
31) Cyclohexane	5.56	56	42	0.67	ug/l #	17
36) 1,1-Dichloropropene	5.81	75	88	1.63	ug/l #	41
37) Ethyl Acetate	4.87	43	106	1.36	ug/l #	69
38) Carbon Tetrachloride	5.68	117	402	7.36	ug/l #	12
39) Methylcyclohexane	7.47	83	112	1.69	ug/l #	3
40) Benzene	6.15	78	142	0.91	ug/l #	51
41) Methacrylonitrile	5.09	41	22	0.55	ug/l #	1
42) 1,2-Dichloroethane	6.18	62	44	0.72	ug/l #	77
43) Isopropyl Acetate	6.48	43	1473	13.05	ug/l #	65
44) Trichloroethene	7.23	130	23	0.52	ug/l	88
47) Bromodichloromethane	7.92	83	29	0.53	ug/l #	26

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Instrument :
 MSVOA_X
 ClientSampleId :

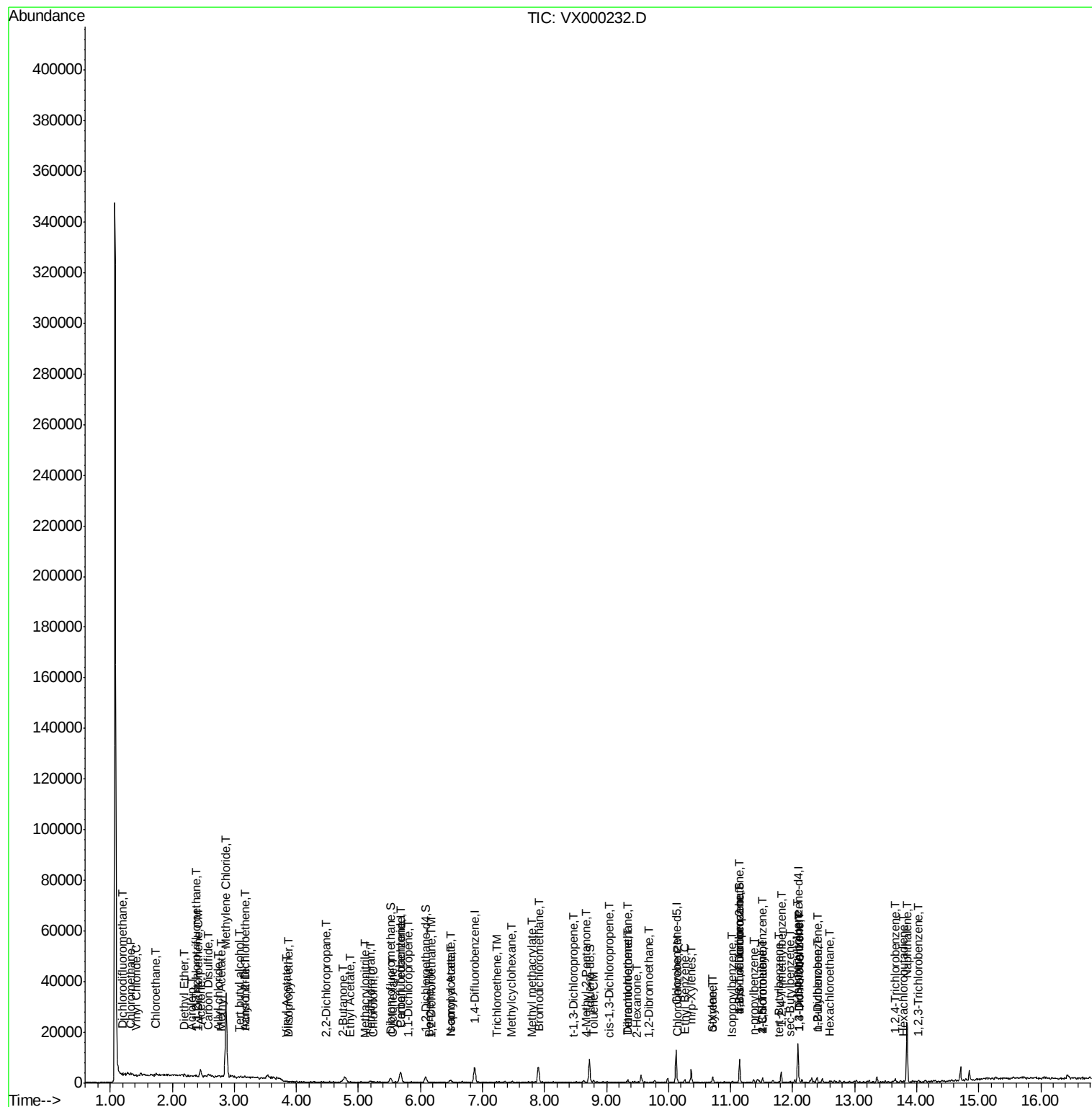
Quant Time: Mar 09 04:16:44 2018
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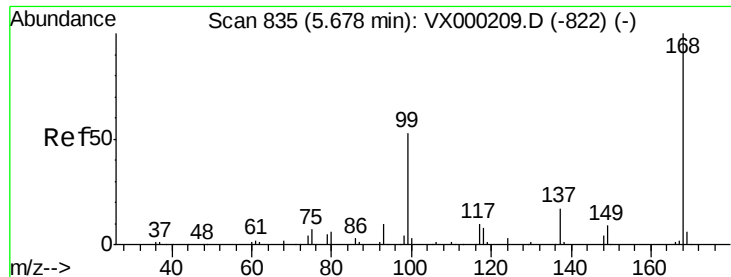
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Methyl methacrylate	7.79	41	44	0.79	ug/l #	1
51) 4-Methyl-2-Pentanone	8.68	43	85	1.00	ug/l #	37
52) Toluene	8.79	92	432	4.05	ug/l #	71
53) t-1,3-Dichloropropene	8.46	75	93	1.44	ug/l #	44
54) cis-1,3-Dichloropropene	9.05	75	23	0.37	ug/l #	1
59) 2-Hexanone	9.49	43	40	0.55	ug/l #	25
60) Dibromochloromethane	9.34	129	146	3.20	ug/l #	10
61) 1,2-Dibromoethane	9.68	107	19	0.40	ug/l #	2
64) Tetrachloroethene	9.34	164	55	1.42	ug/l #	44
65) Chlorobenzene	10.15	112	182	1.62	ug/l #	88
67) Ethyl Benzene	10.26	91	1031	5.27	ug/l #	43
68) m/p-Xylenes	10.37	106	1161	15.42	ug/l	93
69) o-Xylene	10.71	106	273	3.77	ug/l #	23
70) Styrene	10.72	104	254	2.12	ug/l #	59
73) Isopropylbenzene	11.02	105	253	1.43	ug/l #	74
74) N-amyl acetate	6.48	43	1473	16.25	ug/l #	59
76) 1,2,3-Trichloropropane	11.14	75	1353	23.85	ug/l #	32
78) n-propylbenzene	11.37	91	739	3.54	ug/l	85
79) 2-Chlorotoluene	11.51	91	446	3.79	ug/l	83
80) 1,3,5-Trimethylbenzene	11.51	105	676	4.57	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.14	75	1353	73.03	ug/l #	10
82) 4-Chlorotoluene	11.51	91	446	3.12	ug/l	90
83) tert-Butylbenzene	11.77	119	88	0.61	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.81	105	1925	12.65	ug/l	97
85) sec-Butylbenzene	11.96	105	458	2.52	ug/l #	65
86) p-Isopropyltoluene	12.07	119	571	3.56	ug/l	91
87) 1,3-Dichlorobenzene	12.11	146	307	3.52	ug/l	71
88) 1,4-Dichlorobenzene	12.11	146	307	3.36	ug/l	72
89) n-Butylbenzene	12.40	91	860	5.56	ug/l	92
90) Hexachloroethane	12.60	117	56	2.16	ug/l #	11
91) 1,2-Dichlorobenzene	12.40	146	196	2.27	ug/l #	35
93) 1,2,4-Trichlorobenzene	13.66	180	336	5.36	ug/l	80
94) Hexachlorobutadiene	13.79	225	103	3.95	ug/l	93
95) Naphthalene	13.84	128	13823	63.15	ug/l	95
96) 1,2,3-Trichlorobenzene	14.03	180	280	4.51	ug/l #	83

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

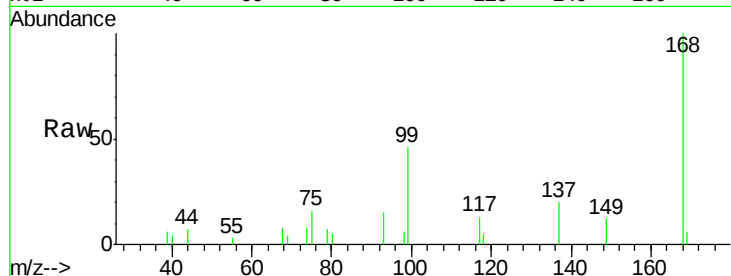
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 4144

Ion Ratio Lower Upper

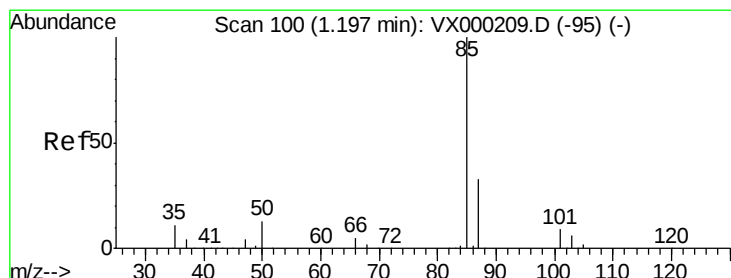
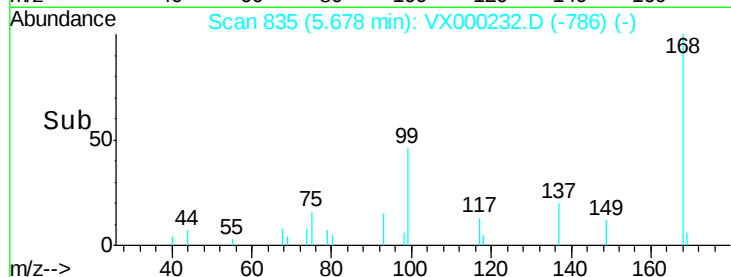
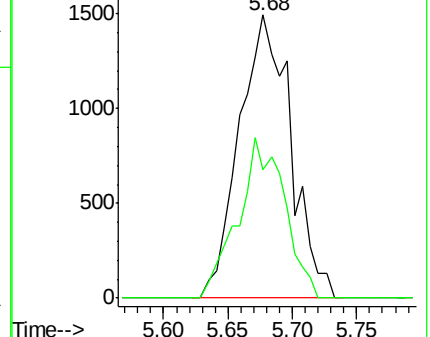
168 100

99 45.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.93 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX000232.D

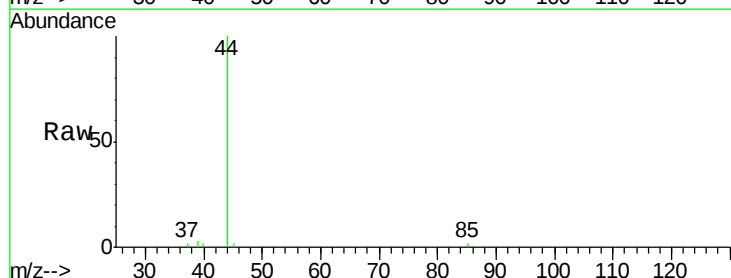
Acq: 08 Mar 2018 20:36

Tgt Ion: 85 Resp: 42

Ion Ratio Lower Upper

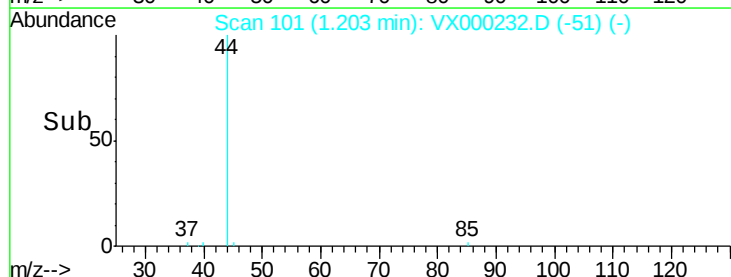
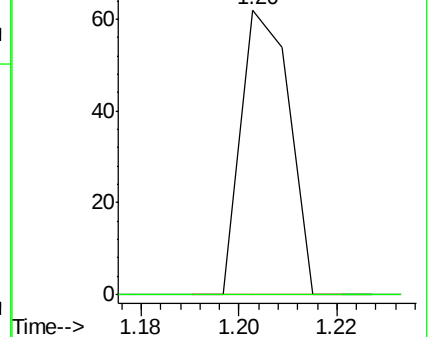
85 100

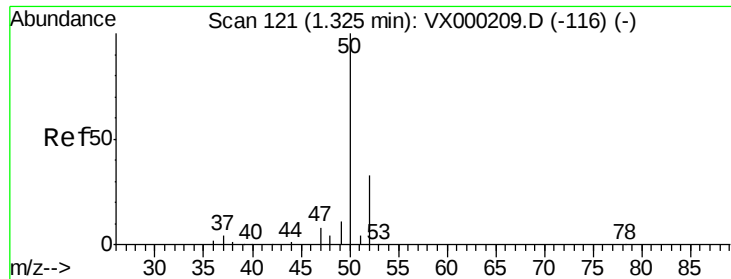
87 0.0 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 2.06 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

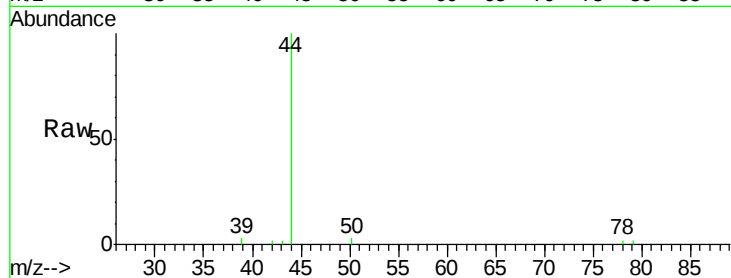
ClientSampled :

Tot Ion: 50 Resp: 91

Ion Ratio Lower Upper

50 100

52 0.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

80

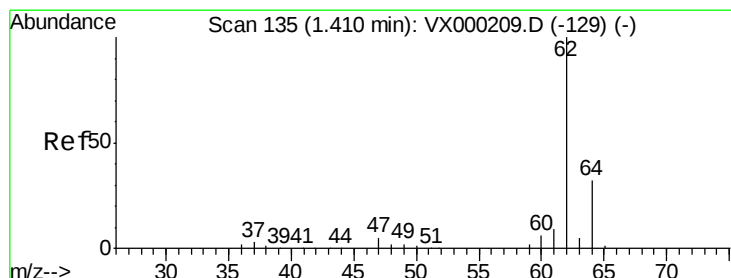
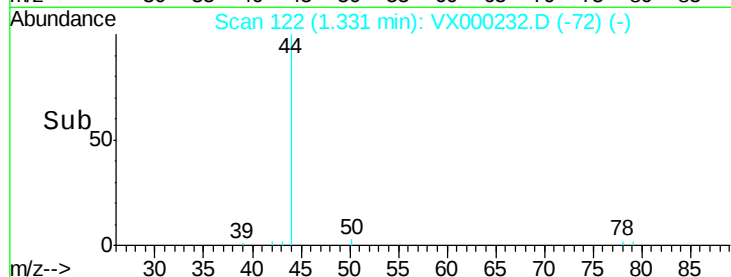
60

40

20

0

Time--> 1.30 1.32 1.34 1.36



#4

Vinyl Chloride

Concen: 2.10 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000232.D

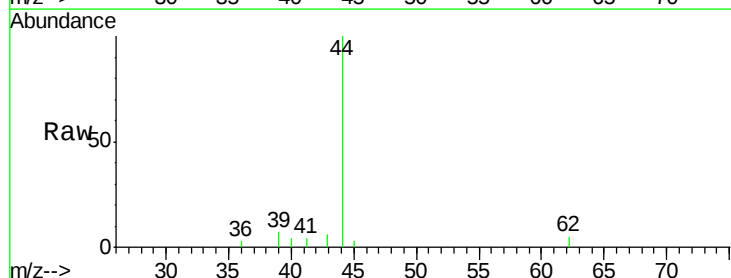
Acq: 08 Mar 2018 20:36

Tgt Ion: 62 Resp: 108

Ion Ratio Lower Upper

62 100

64 0.0 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

120

100

80

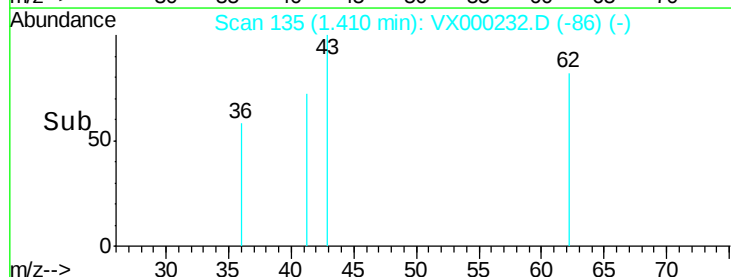
60

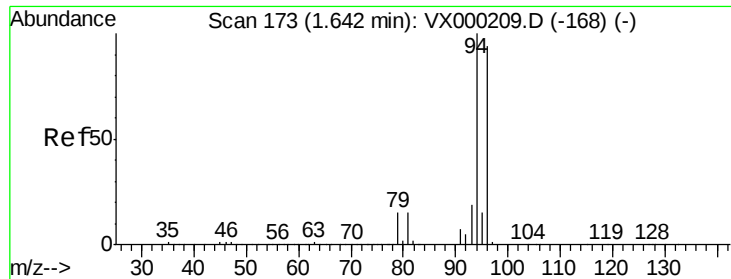
40

20

0

Time--> 1.38 1.40 1.42 1.44





#5

Bromomethane

Concen: Below Cal

RT: 1.74 min Scan# 189

Delta R.T. 0.10 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

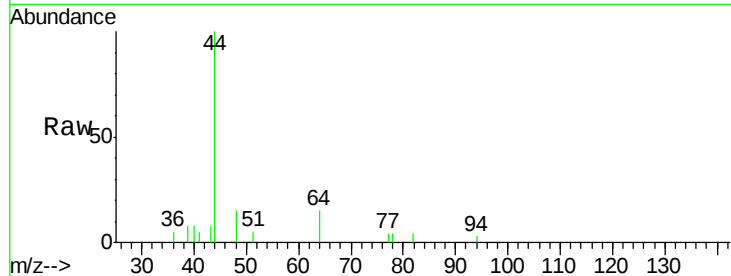
ClientSampled :

Tot Ion: 94 Resp: 42

Ion Ratio Lower Upper

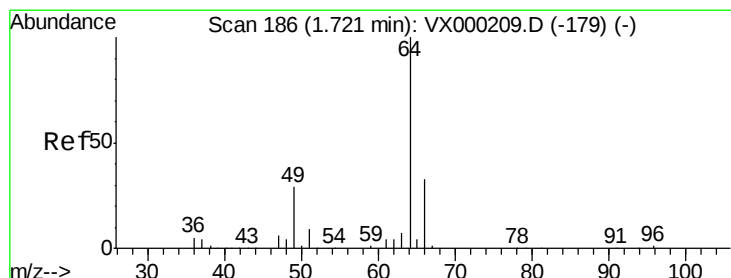
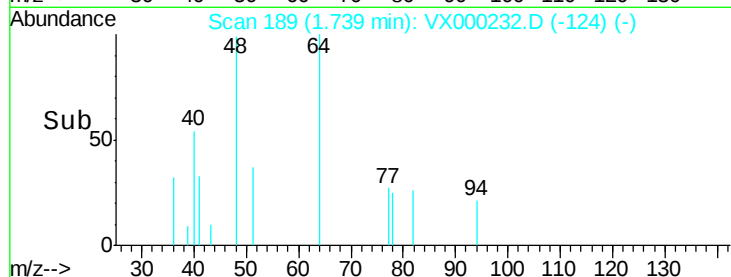
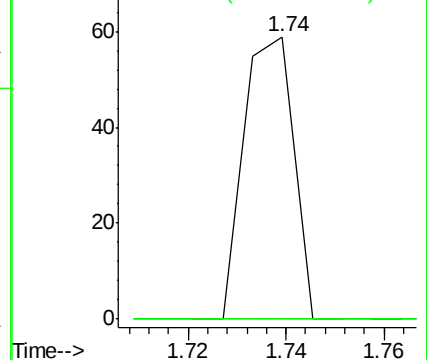
94 100

96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 11.72 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000232.D

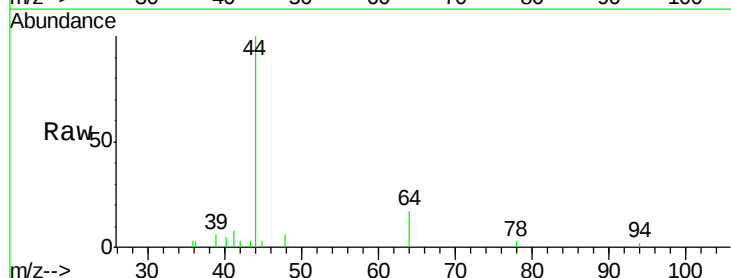
Acq: 08 Mar 2018 20:36

Tgt Ion: 64 Resp: 387

Ion Ratio Lower Upper

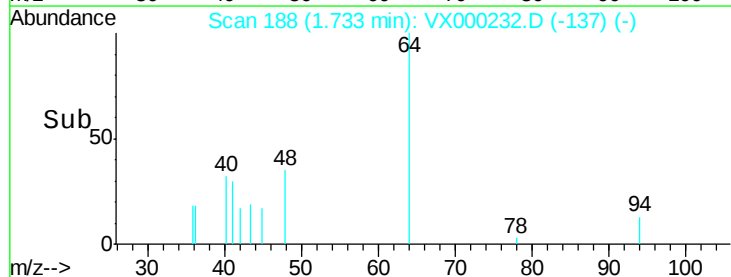
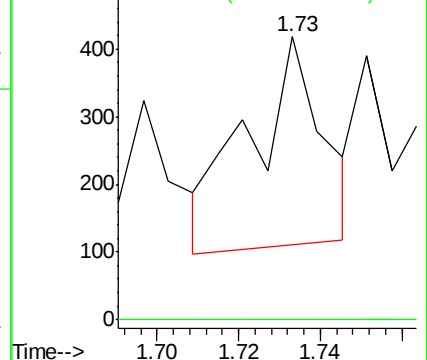
64 100

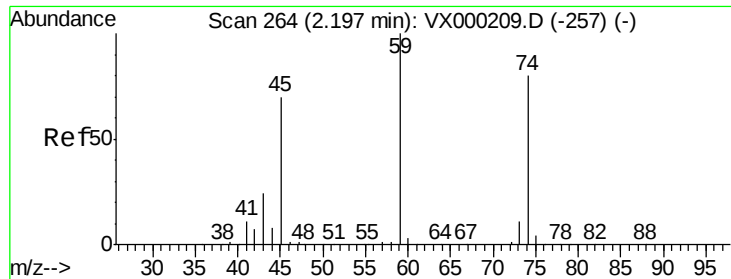
66 0.0 26.2 39.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 3.90 ug/l

RT: 2.20 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

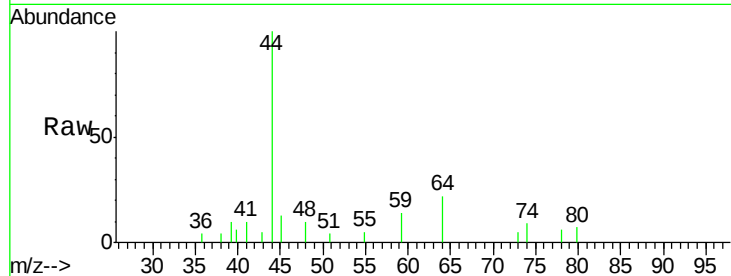
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 74 Resp: 122

Ion Ratio Lower Upper

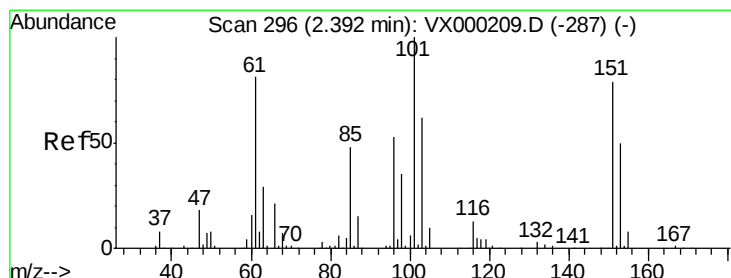
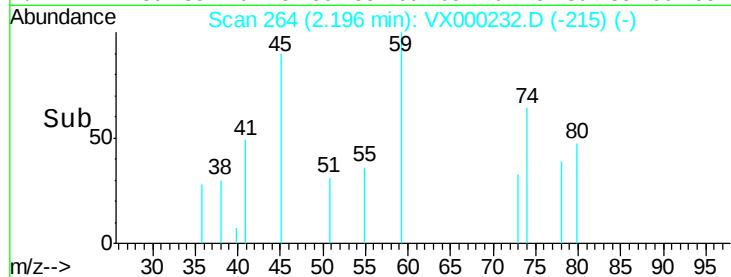
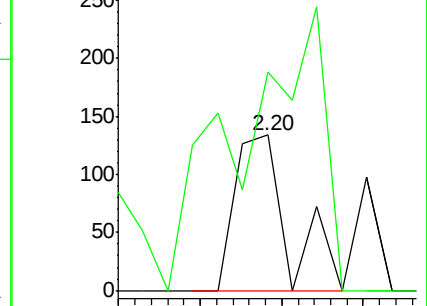
74 100

45 287.7 47.2 141.6#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.39 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

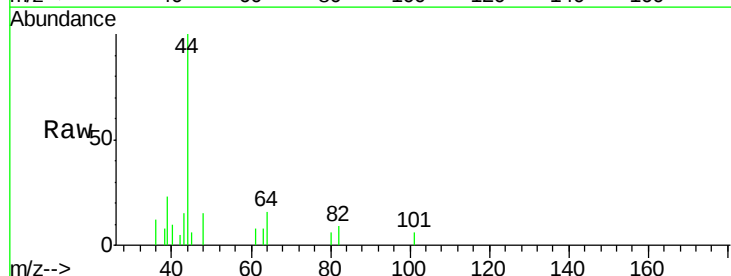
Tgt Ion: 101 Resp: 66

Ion Ratio Lower Upper

101 100

85 0.0 38.3 57.5#

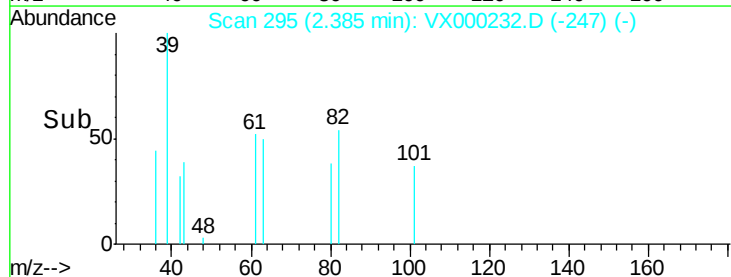
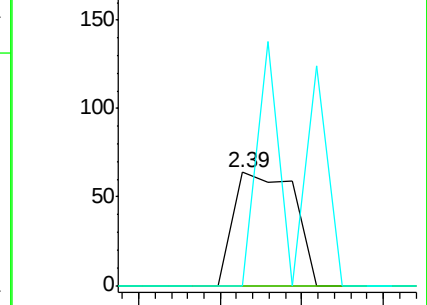
151 145.5 62.8 94.2#

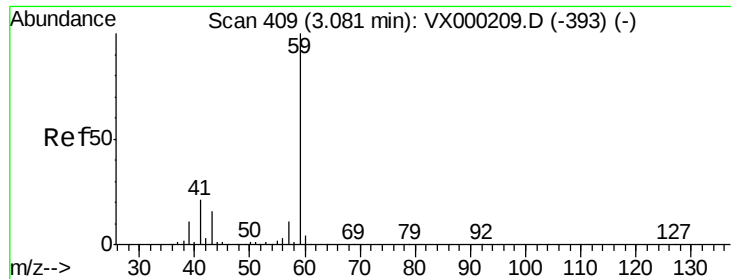


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



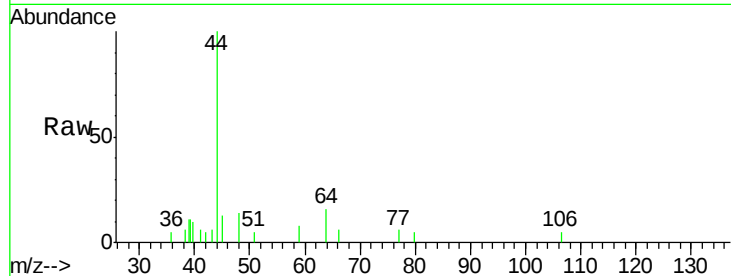


#11

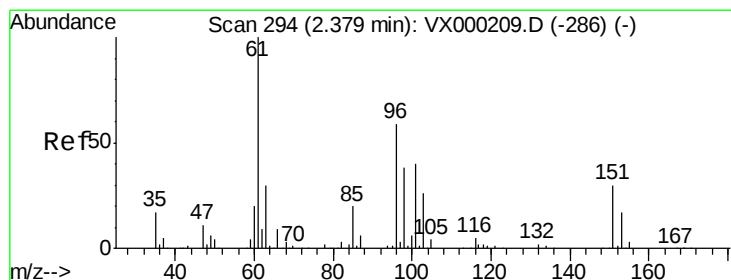
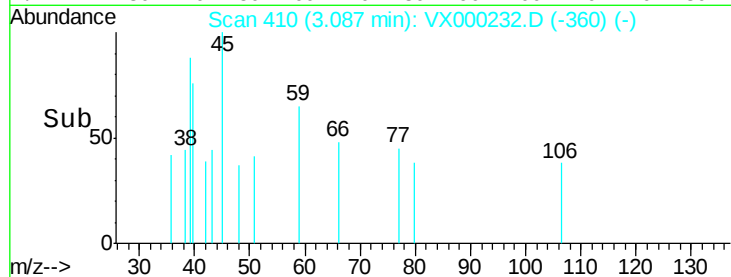
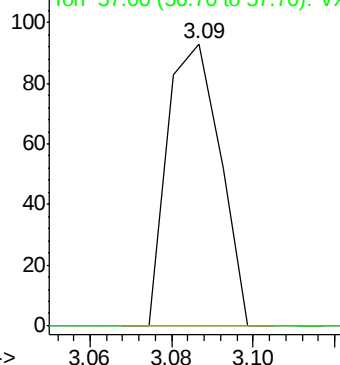
Tert butyl alcohol
Concen: 3.93 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



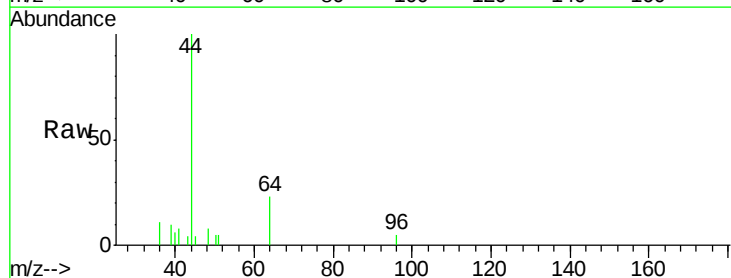
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



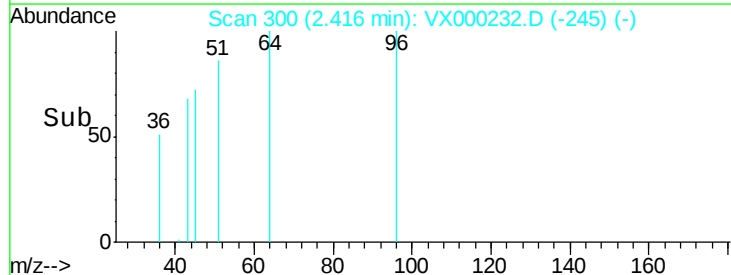
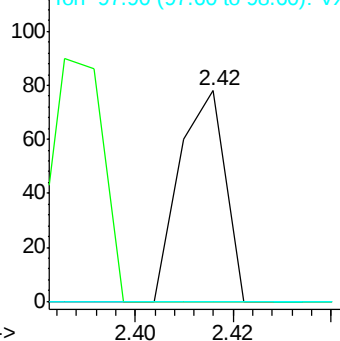
#12

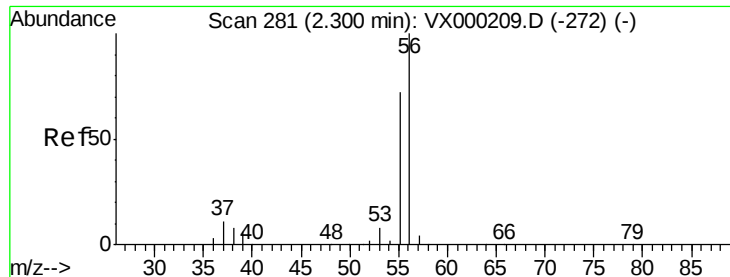
1,1-Dichloroethene
Concen: 1.14 ug/l
RT: 2.42 min Scan# 300
Delta R.T. 0.04 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Tgt Ion: 96 Resp: 50
Ion Ratio Lower Upper
96 100
61 0.0 135.8 203.6#
98 0.0 51.1 76.7#



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





#13

Acrolein

Concen: 4.42 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

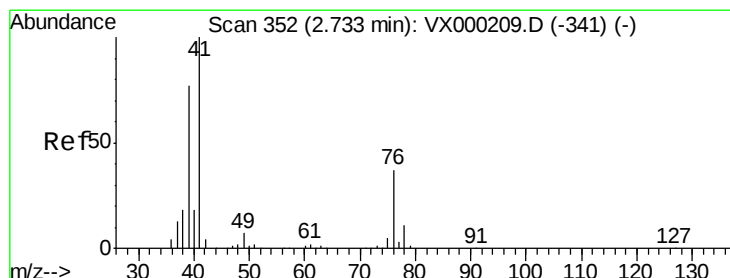
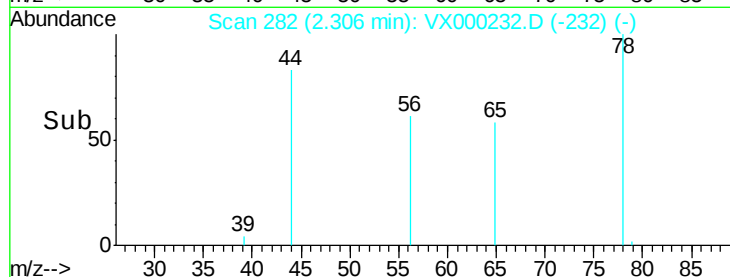
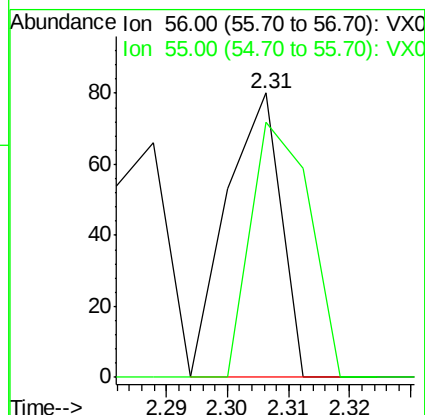
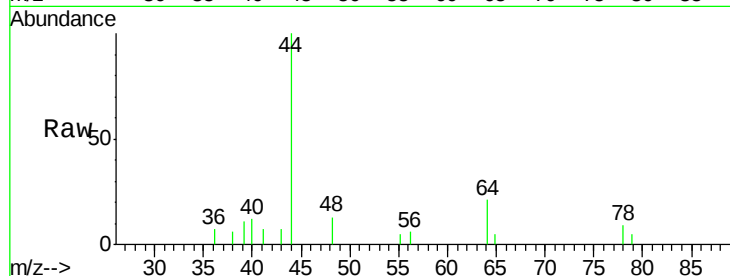
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 49

Ion Ratio Lower Upper

56 100

55 98.0 59.2 88.8#



#14

Allyl chloride

Concen: 4.79 ug/l

RT: 2.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

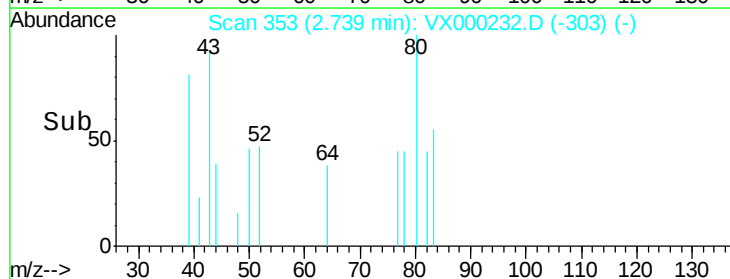
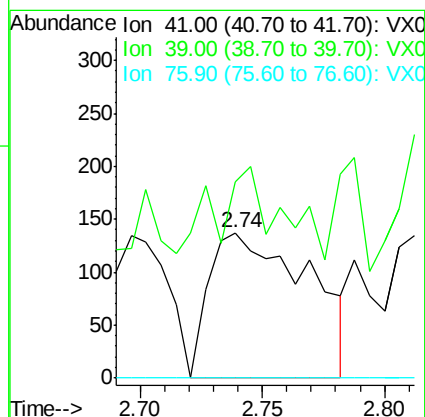
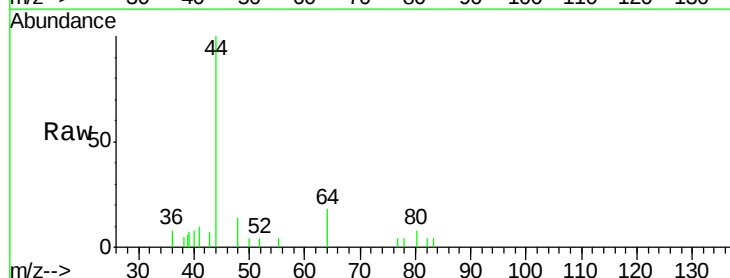
Tgt Ion: 41 Resp: 387

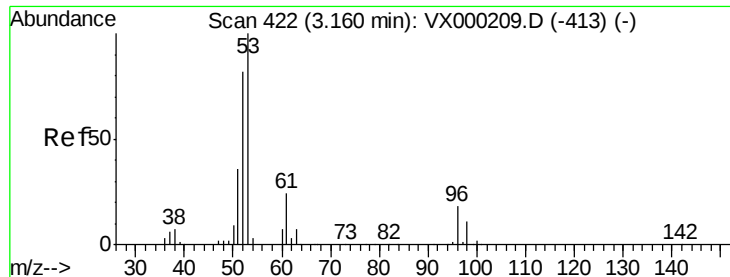
Ion Ratio Lower Upper

41 100

39 30.7 57.0 85.6#

76 0.0 26.8 40.2#





#15

Acrylonitrile

Concen: 4.82 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

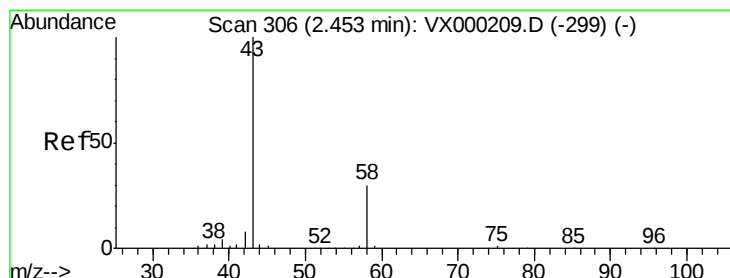
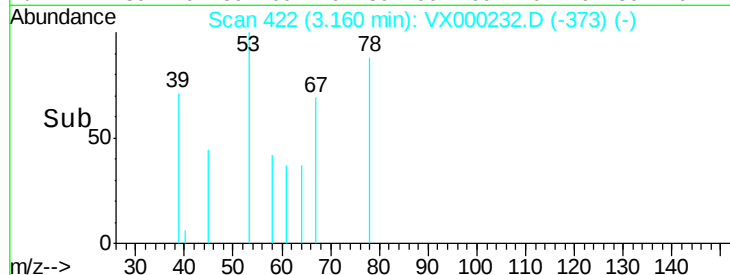
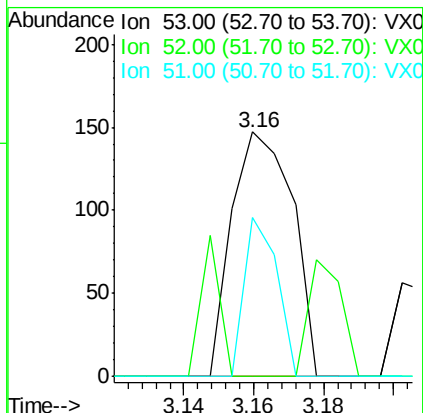
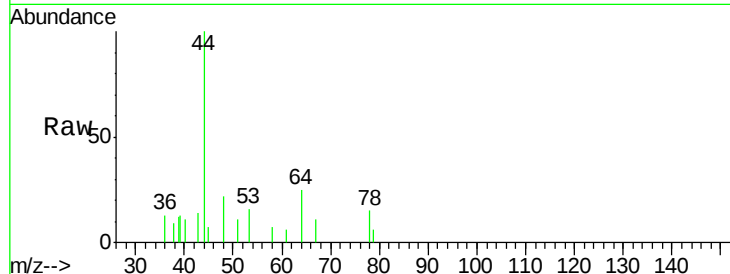
Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 177

Ion	Ratio	Lower	Upper
53	100		
52	17.5	66.3	99.5#
51	0.0	29.6	44.4#



#16

Acetone

Concen: 72.72 ug/l

RT: 2.45 min Scan# 306

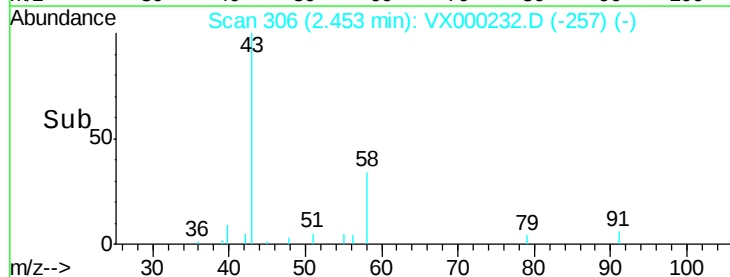
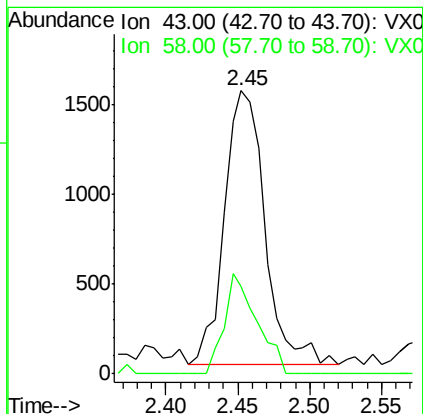
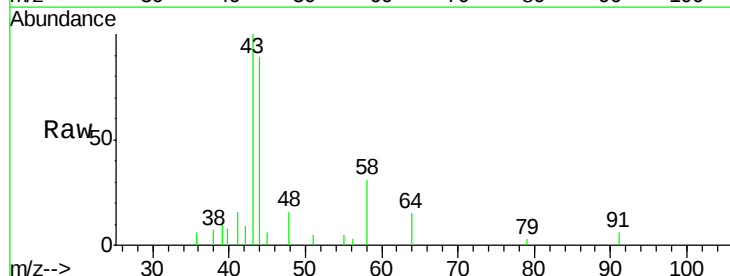
Delta R.T. -0.00 min

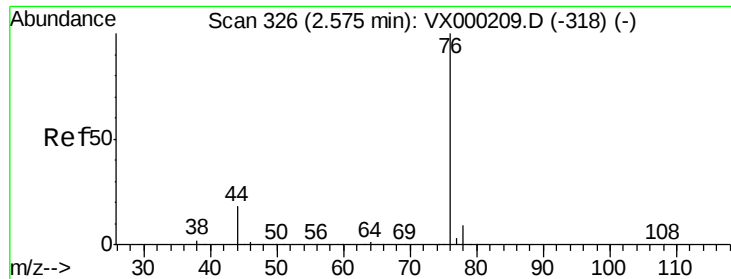
Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Tgt Ion: 43 Resp: 3000

Ion	Ratio	Lower	Upper
43	100		
58	32.2	23.8	35.6

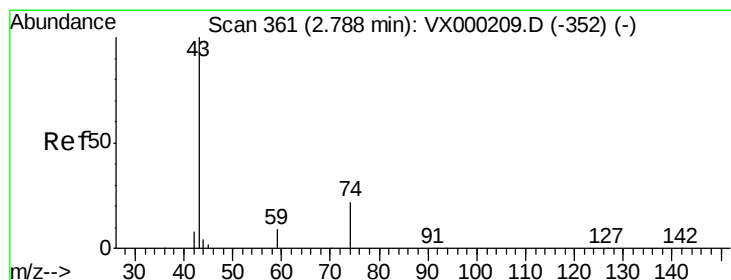
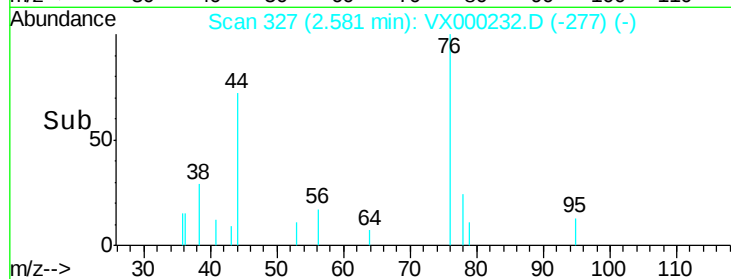
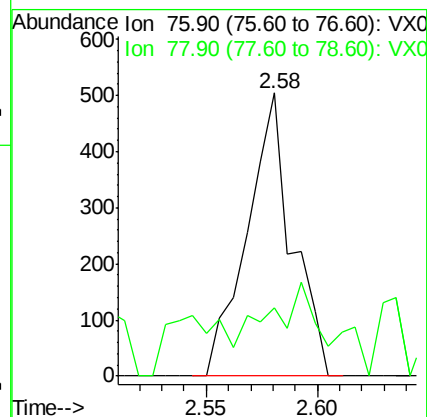
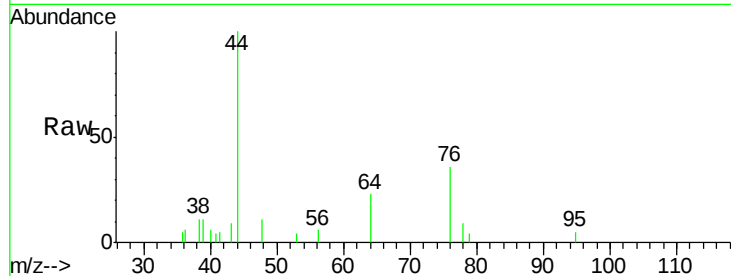




#17
Carbon Disulfide
Concen: 5.92 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

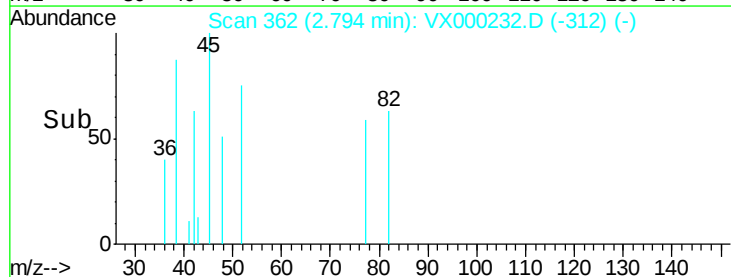
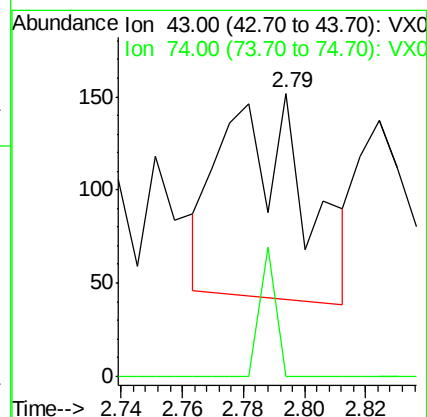
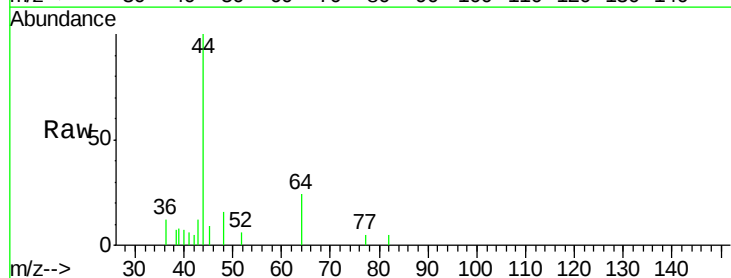
Instrument :
MSVOA_X
ClientSampled :

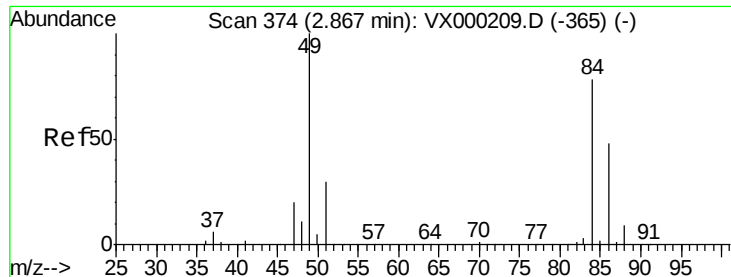
Tot Ion: 76 Resp: 709
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



#18
Methyl Acetate
Concen: 2.29 ug/l
RT: 2.79 min Scan# 362
Delta R.T. 0.01 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Tgt Ion: 43 Resp: 201
Ion Ratio Lower Upper
43 100
74 12.4 18.9 28.3#





#20

Methylene Chloride

Concen: 279.11 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

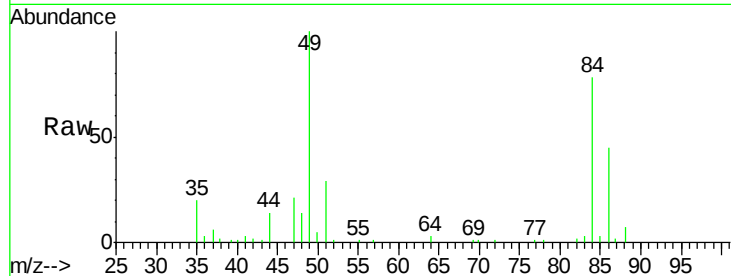
Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 84 Resp: 13732

Ion	Ratio	Lower	Upper
84	100		
49	128.8	102.1	153.1
51	36.9	30.6	45.8
86	58.6	49.0	73.6



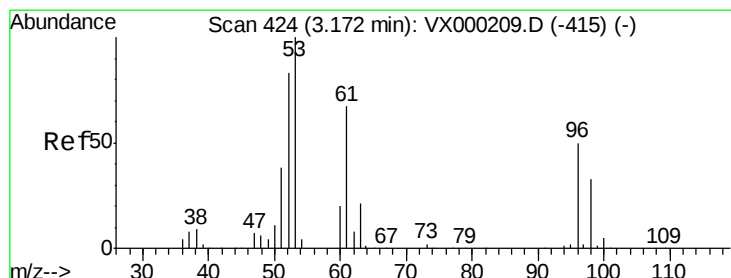
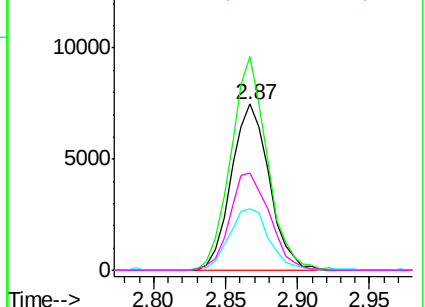
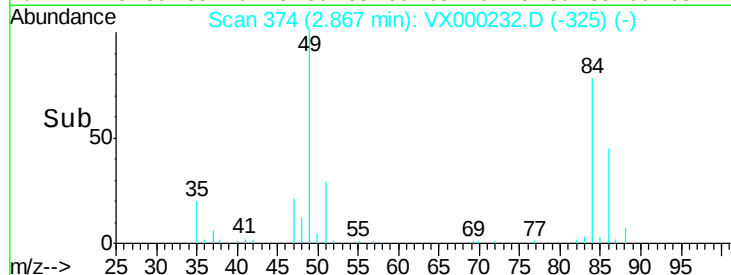
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.60 ug/l

RT: 3.17 min Scan# 424

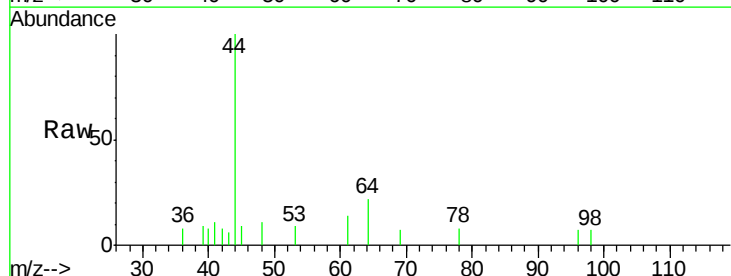
Delta R.T. -0.00 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Tgt Ion: 96 Resp: 29

Ion	Ratio	Lower	Upper
96	100		
61	129.1	107.0	160.4
98	94.9	51.8	77.8#

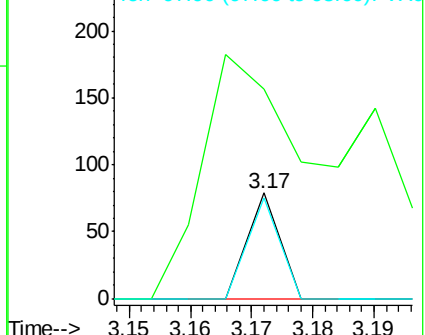
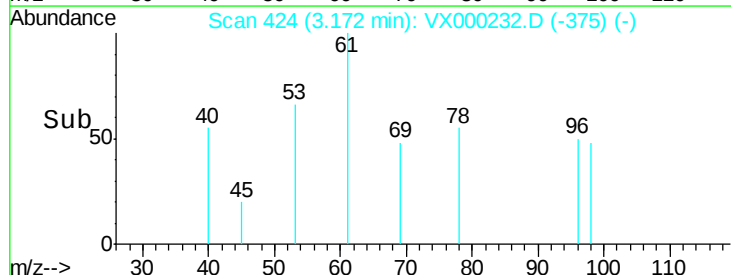


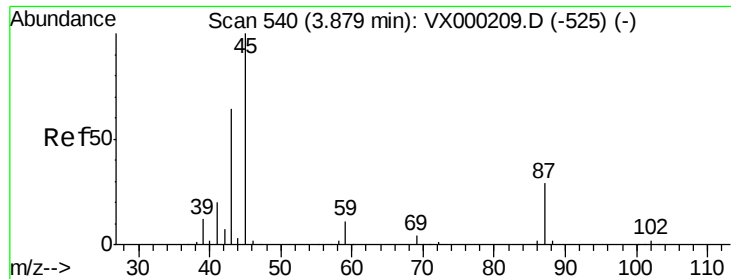
Abundance

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: 0.22 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000232.D

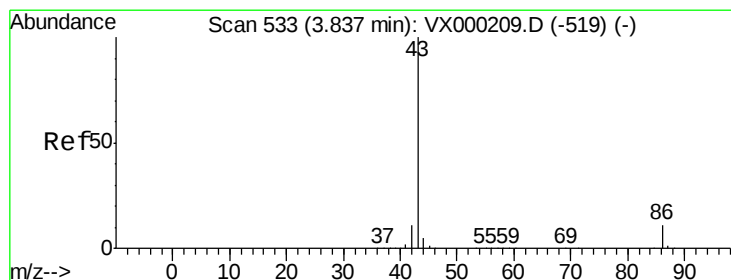
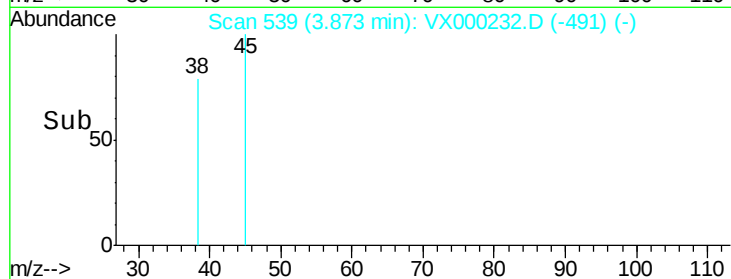
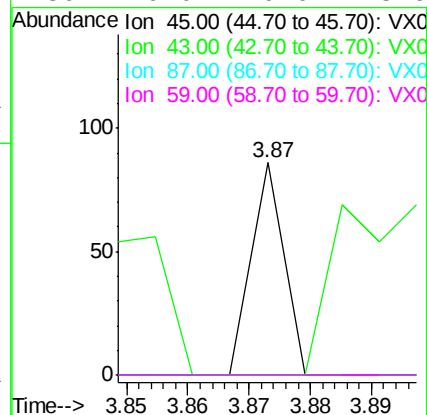
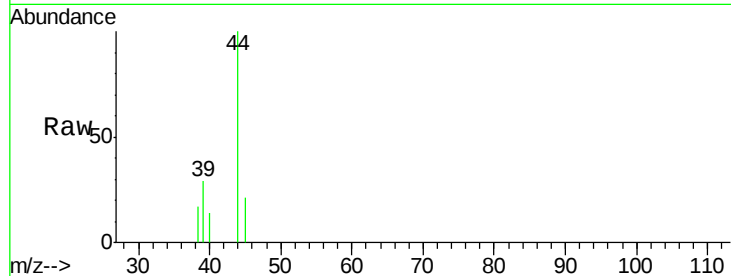
Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	45	Resp:	31
Ion	Ratio	Lower	Upper
45	100		
43	0.0	53.5	80.3#
87	0.0	23.3	34.9#
59	0.0	9.0	13.6#



#23

Vinyl Acetate

Concen: 0.82 ug/l

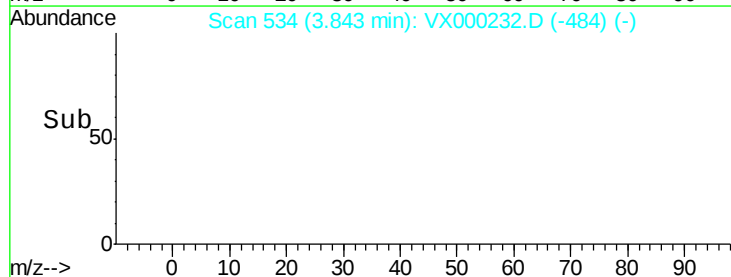
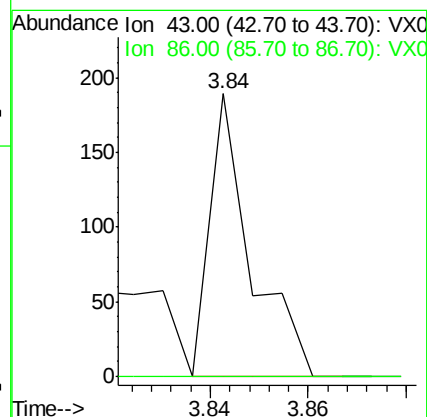
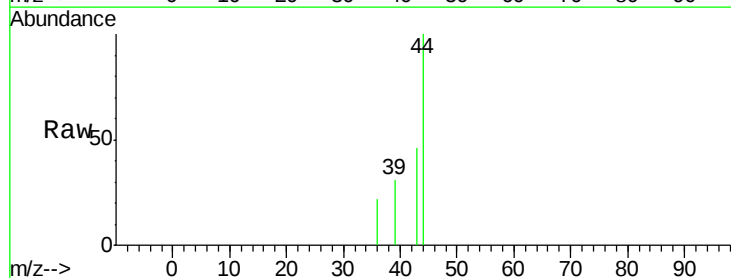
RT: 3.84 min Scan# 534

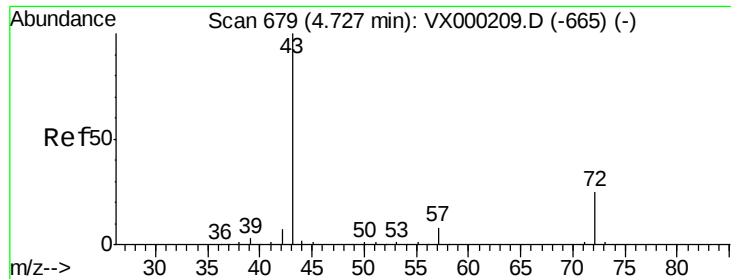
Delta R.T. 0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Tgt Ion:	43	Resp:	109
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.5	12.7#





#25

2-Butanone

Concen: 14.67 ug/l

RT: 4.74 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

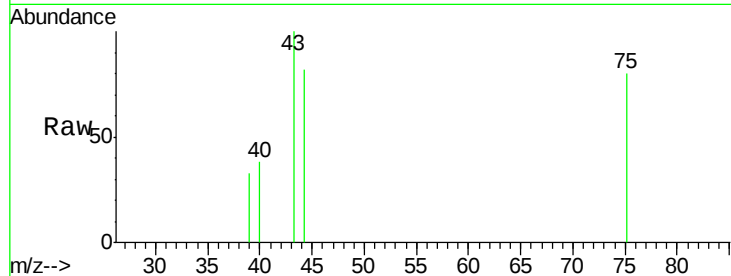
ClientSampled :

Tot Ion: 43 Resp: 747

Ion Ratio Lower Upper

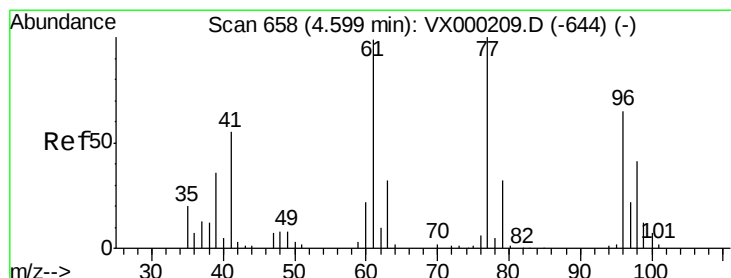
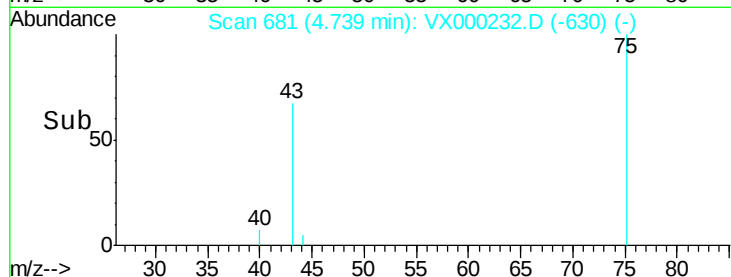
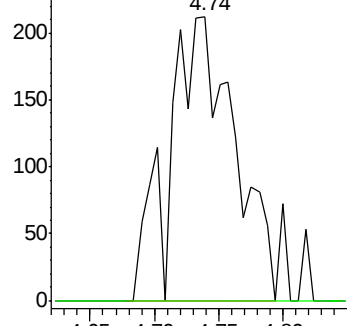
43 100

72 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.01 ug/l

RT: 4.49 min Scan# 640

Delta R.T. -0.11 min

Lab File: VX000232.D

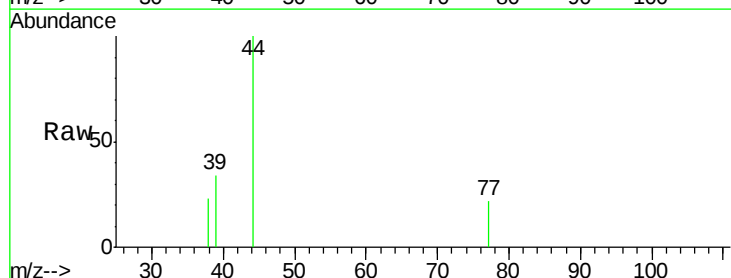
Acq: 08 Mar 2018 20:36

Tgt Ion: 77 Resp: 63

Ion Ratio Lower Upper

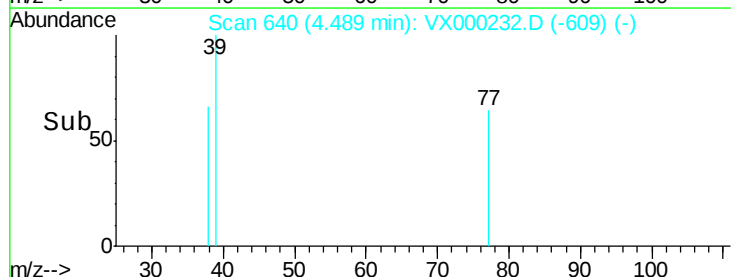
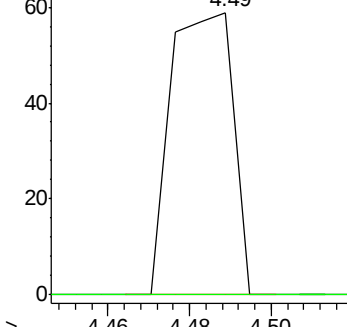
77 100

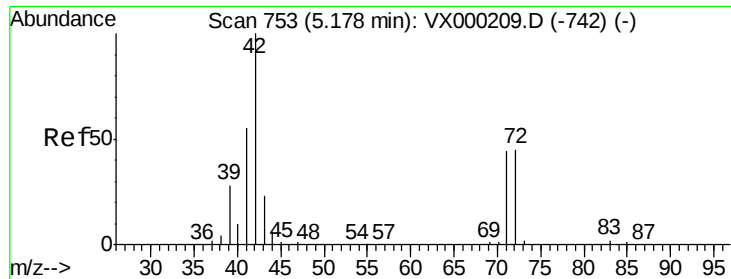
97 0.0 11.4 34.1#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

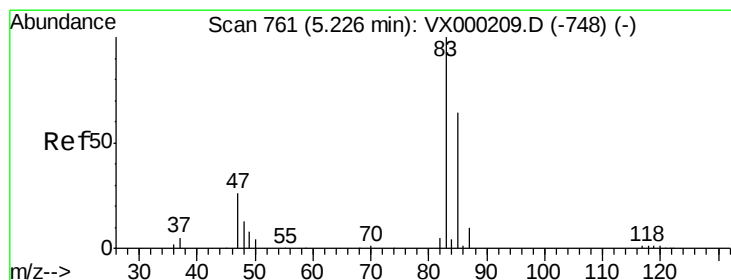
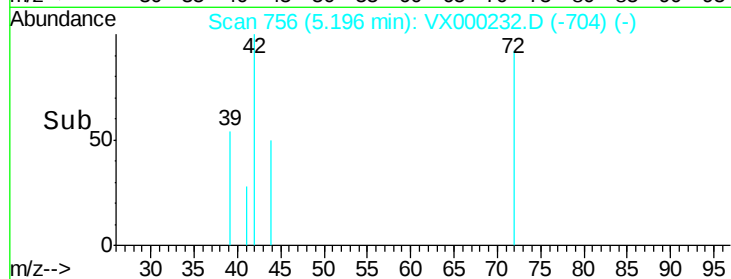
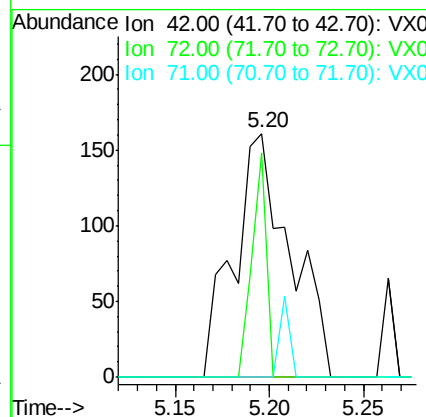
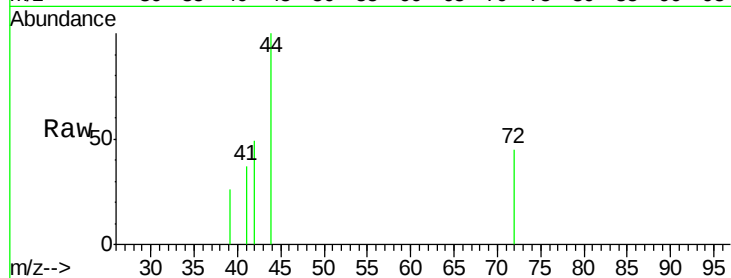




#29
Tetrahydrofuran
Concen: 10.38 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

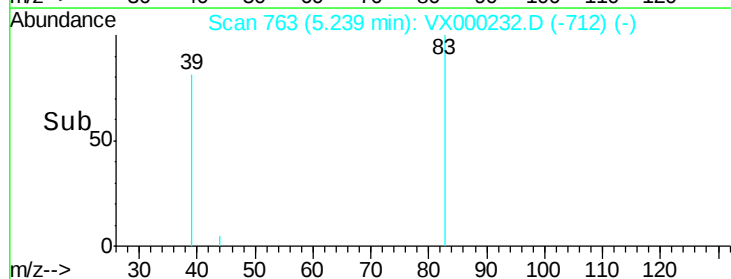
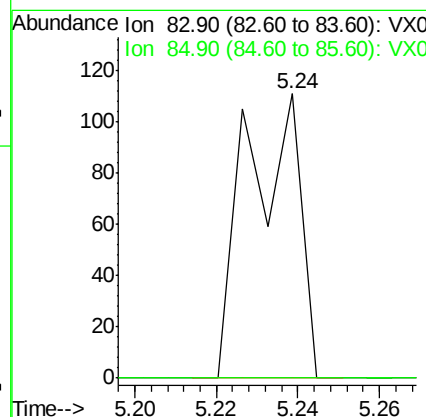
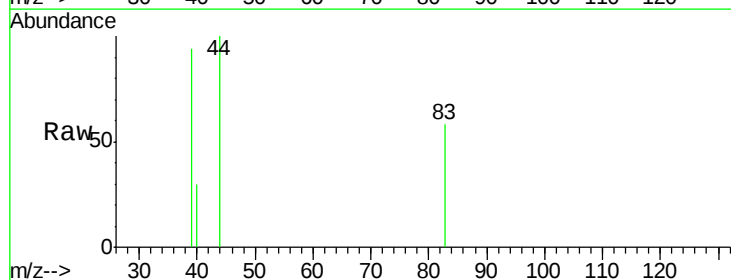
Instrument :
MSVOA_X
ClientSampled :

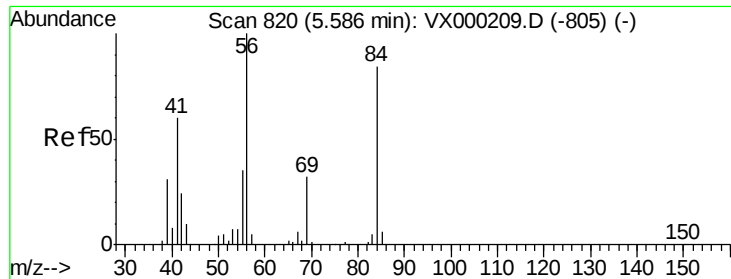
Tot Ion: 42 Resp: 332
Ion Ratio Lower Upper
42 100
72 23.8 37.3 55.9#
71 5.7 35.0 52.4#



#30
Chloroform
Concen: 1.23 ug/l
RT: 5.24 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Tgt Ion: 83 Resp: 101
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.6#

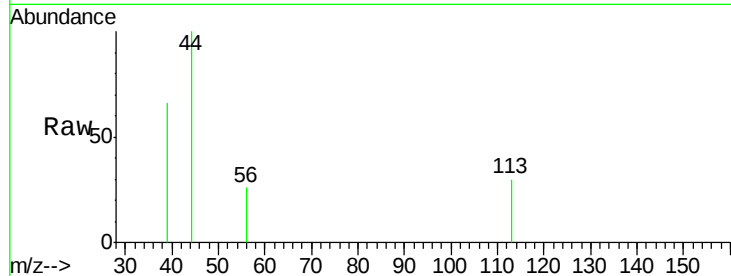




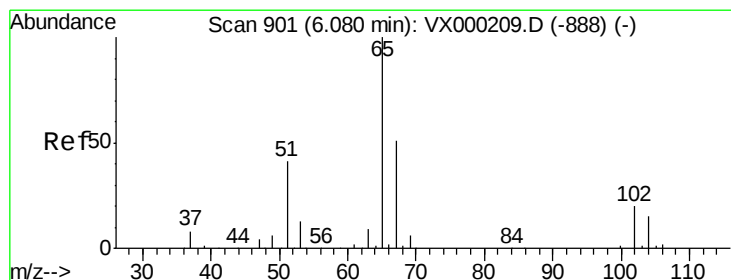
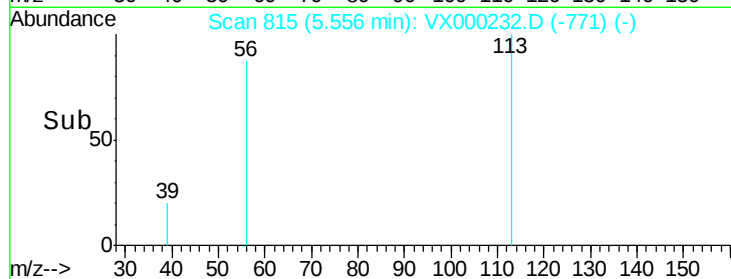
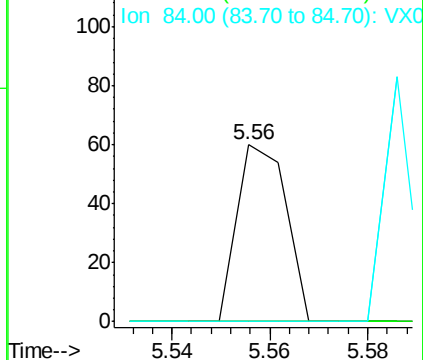
#31
Cyclohexane
Concen: 0.67 ug/l
RT: 5.56 min Scan# 815
Delta R.T. -0.03 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
69 0.0 25.3 37.9#
84 0.0 67.2 100.8#

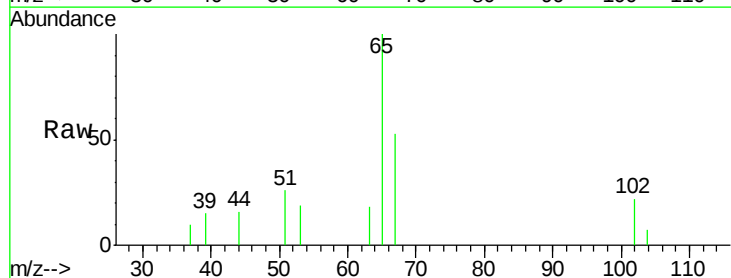


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

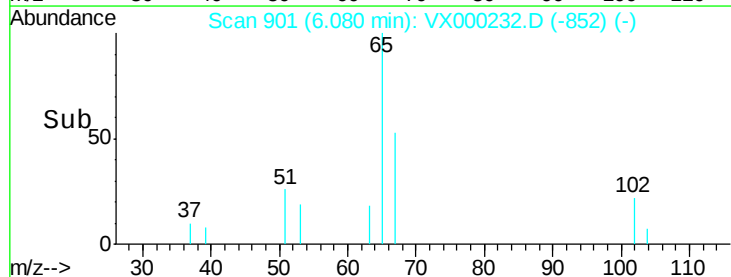
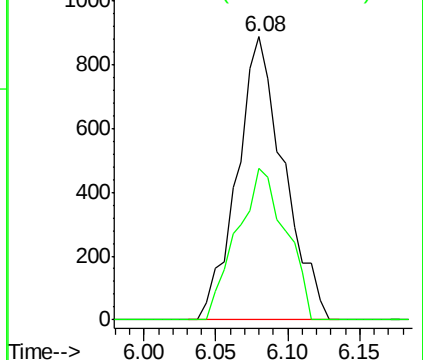


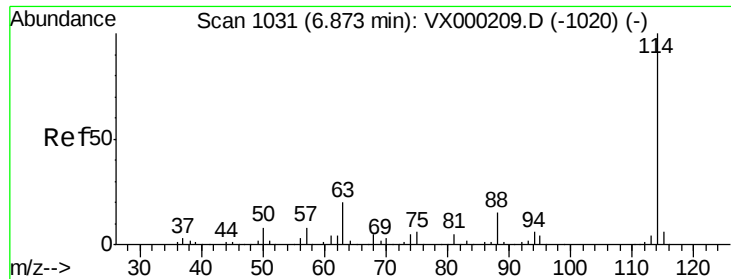
#33
1,2-Dichloroethane-d4
Concen: 34.83 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Tgt Ion: 65 Resp: 2001
Ion Ratio Lower Upper
65 100
67 56.1 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

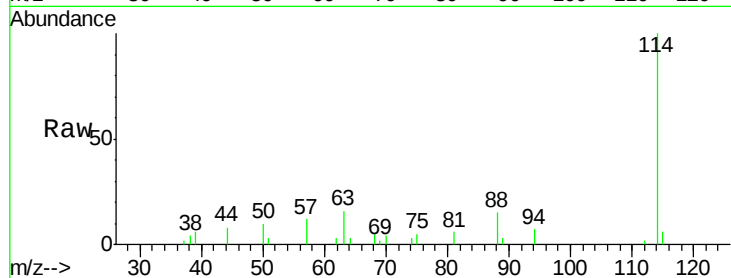




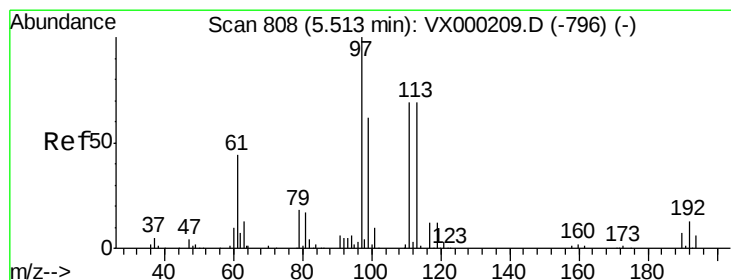
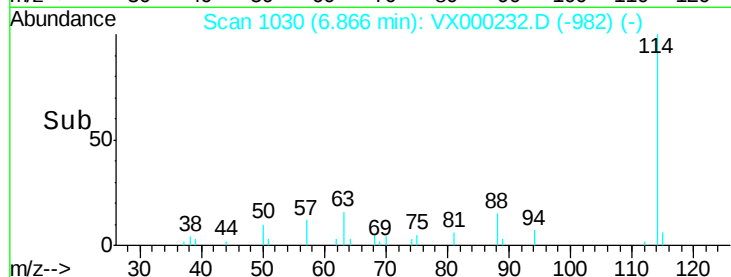
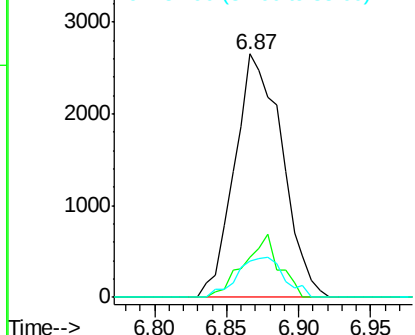
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 6069
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 39.2
 88 14.9 0.0 29.8

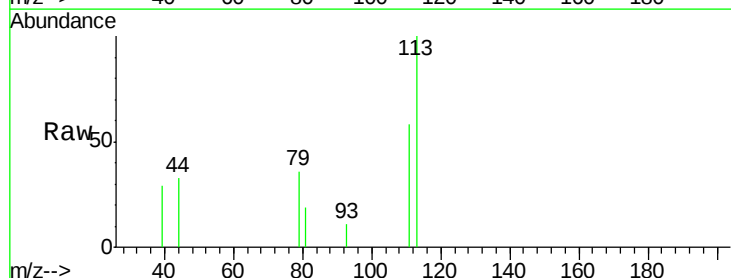


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

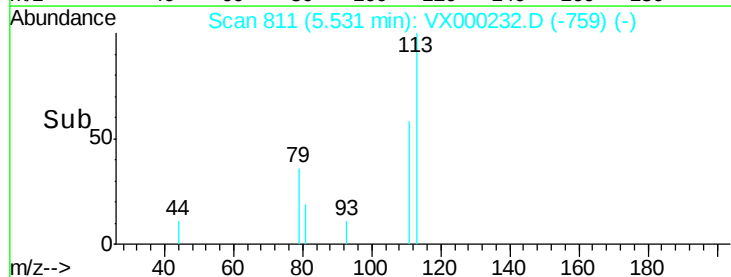
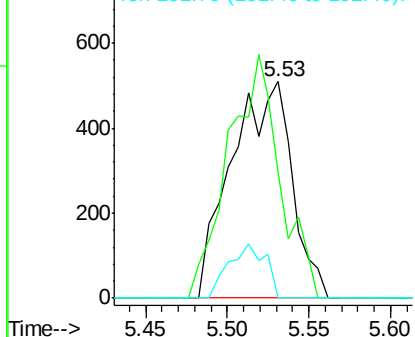


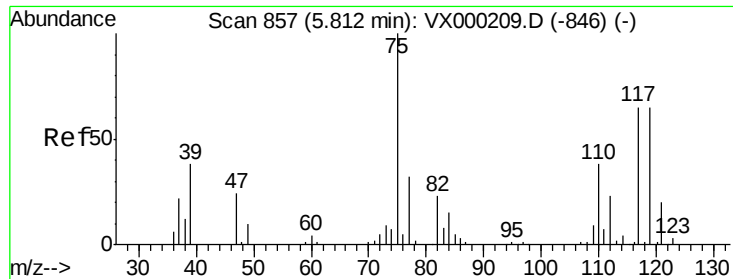
#35
 Dibromofluoromethane
 Concen: 34.39 ug/l
 RT: 5.53 min Scan# 811
 Delta R.T. 0.02 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

Tgt Ion:113 Resp: 1311
 Ion Ratio Lower Upper
 113 100
 111 96.1 83.0 124.6
 192 15.3 15.5 23.3#



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

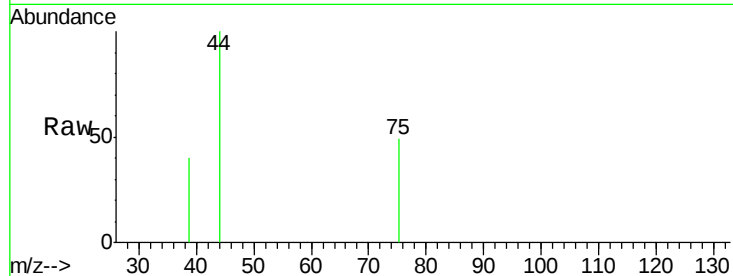




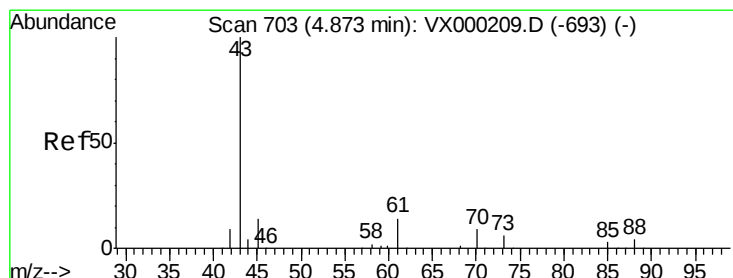
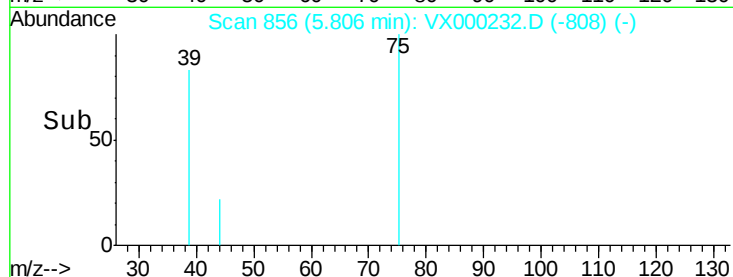
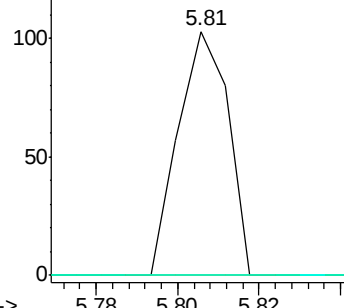
#36
 1,1-Dichloropropene
 Concen: 1.63 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 88
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.8 53.5#
 77 0.0 24.9 37.3#

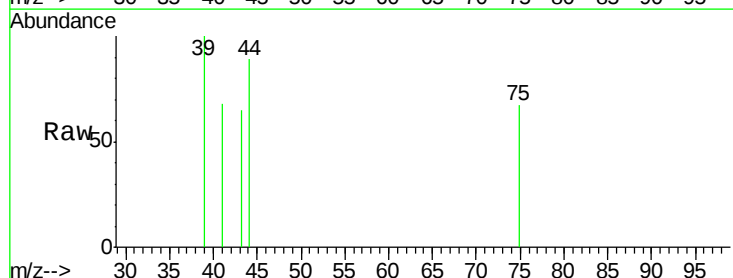


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

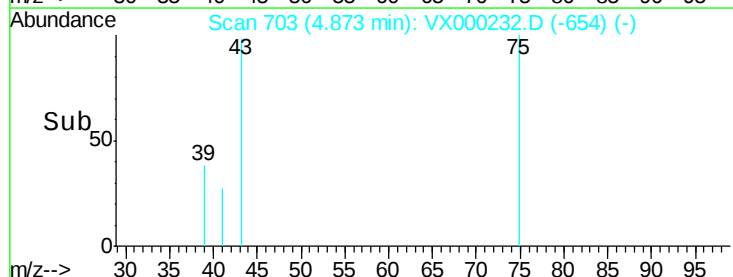
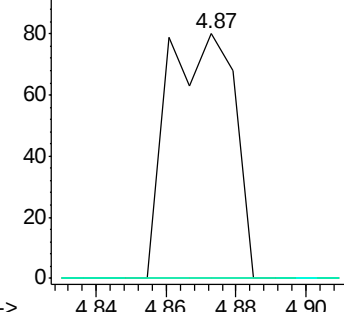


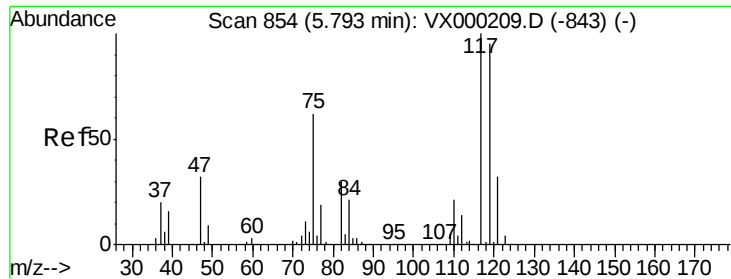
#37
 Ethyl Acetate
 Concen: 1.36 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

Tgt Ion: 43 Resp: 106
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.0 16.6#
 70 0.0 7.8 11.6#



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

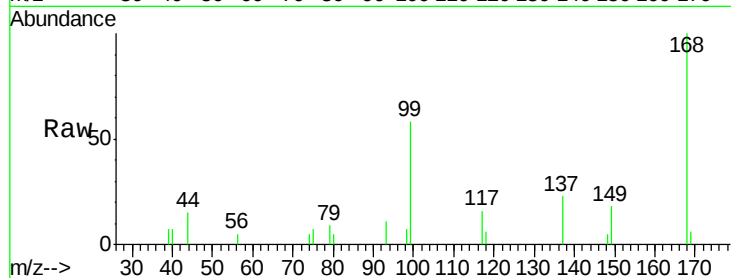




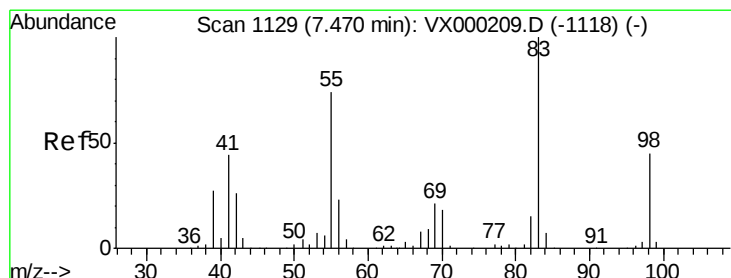
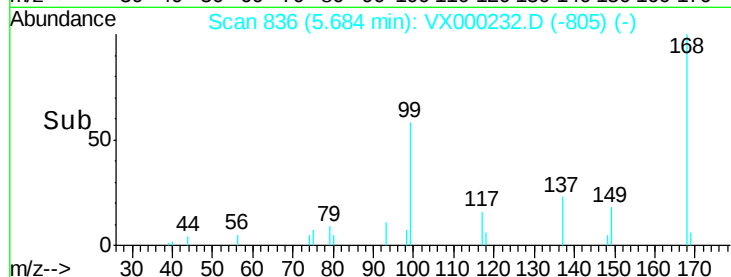
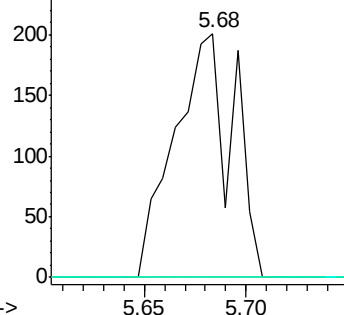
#38
Carbon Tetrachloride
Concen: 7.36 ug/l
RT: 5.68 min Scan# 836
Delta R.T. -0.11 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 402
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
121 0.0 25.8 38.6#

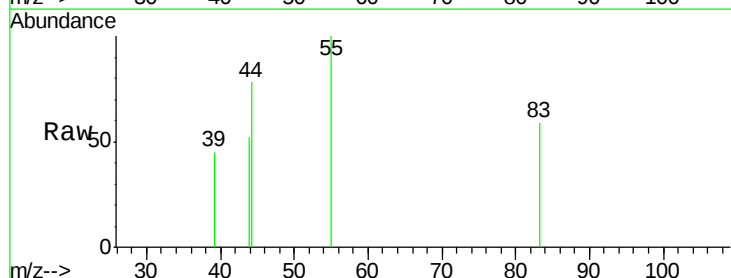


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

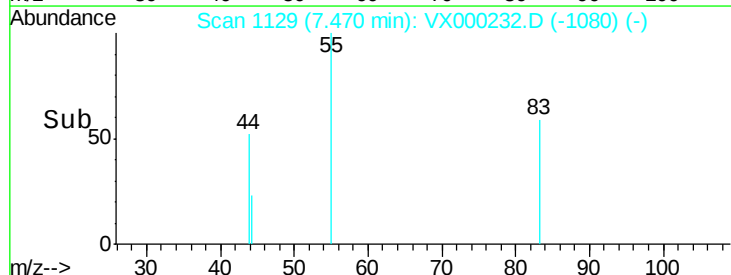
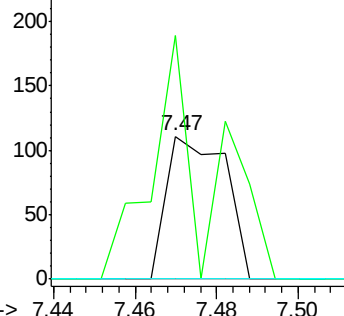


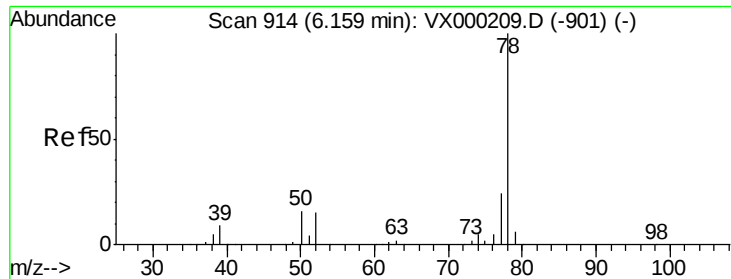
#39
Methylcyclohexane
Concen: 1.69 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Tgt Ion: 83 Resp: 112
Ion Ratio Lower Upper
83 100
55 170.3 59.4 89.0#
98 0.0 36.3 54.5#



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





#40

Benzene

Concen: 0.91 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

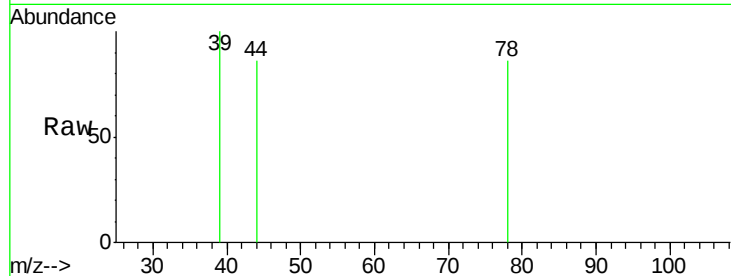
ClientSampleId :

Tot Ion: 78 Resp: 142

Ion Ratio Lower Upper

78 100

77 0.0 19.4 29.2#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

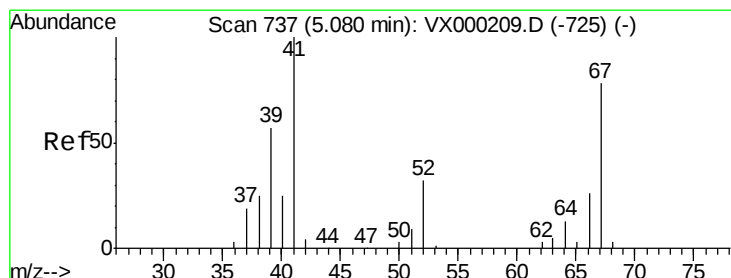
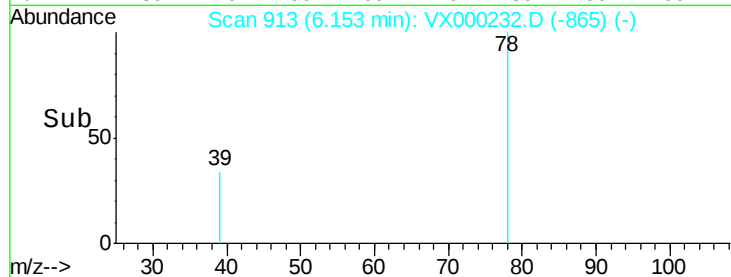
150

100

50

0

Time--> 6.12 6.14 6.16 6.18



#41

Methacrylonitrile

Concen: 0.55 ug/l

RT: 5.09 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Tgt Ion: 41 Resp: 22

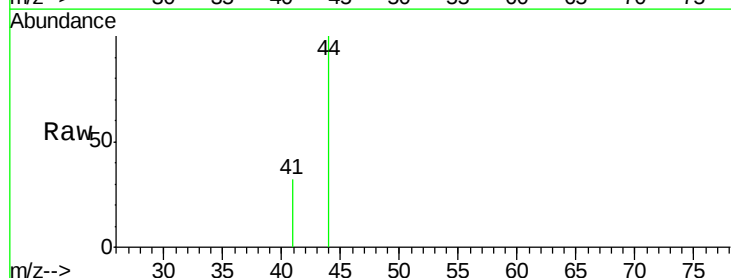
Ion Ratio Lower Upper

41 100

39 572.7 47.8 71.6#

67 0.0 59.3 88.9#

52 0.0 26.4 39.6#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

250

200

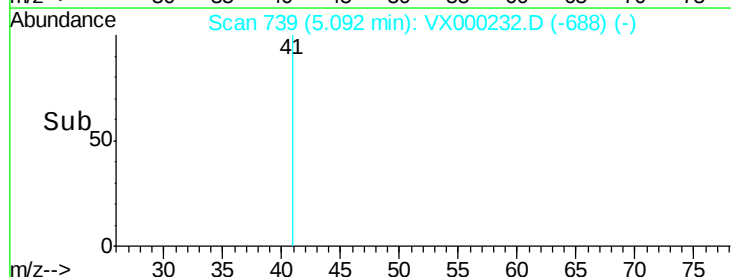
150

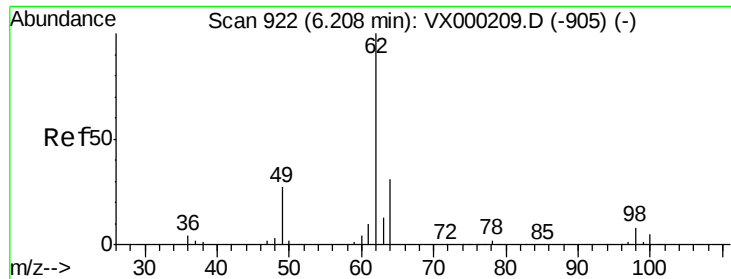
100

50

0

Time--> 5.07 5.08 5.09 5.10 5.11





#42

1,2-Dichloroethane

Concen: 0.72 ug/l

RT: 6.18 min Scan# 917

Delta R.T. -0.03 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

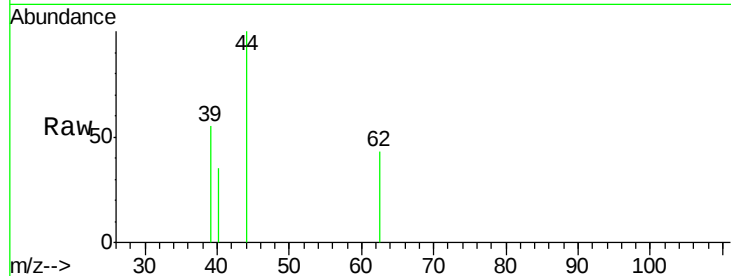
ClientSampleId :

Tot Ion: 62 Resp: 44

Ion Ratio Lower Upper

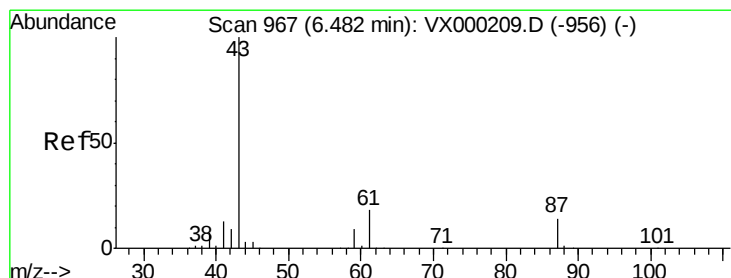
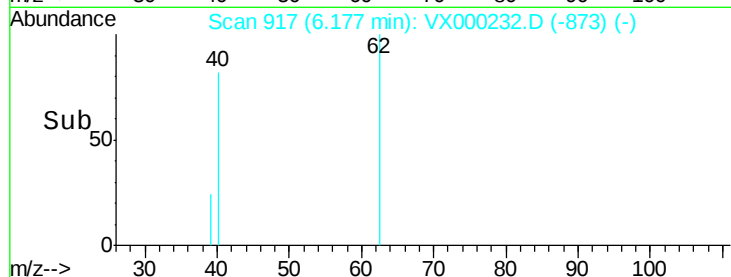
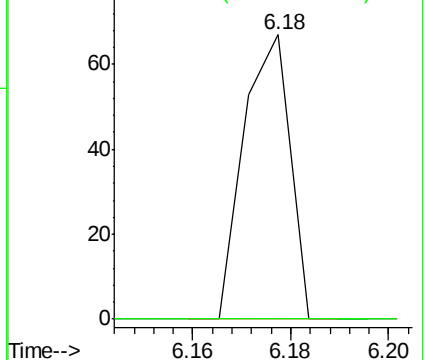
62 100

98 0.0 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 13.05 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

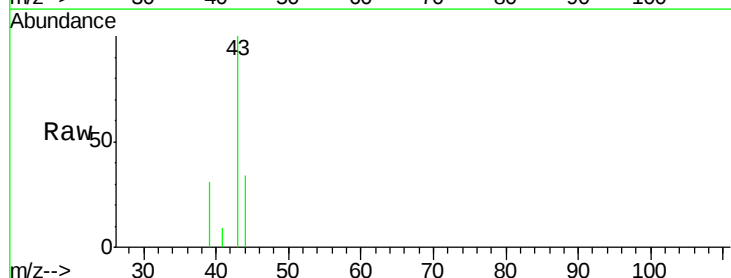
Tgt Ion: 43 Resp: 1473

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

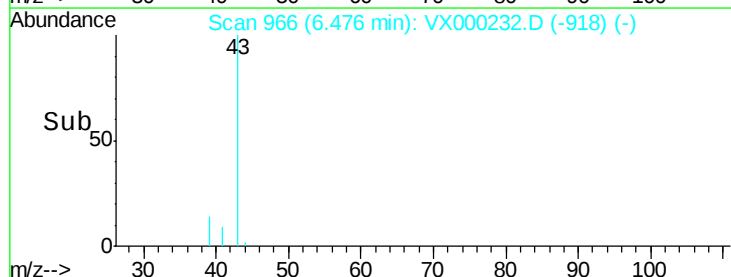
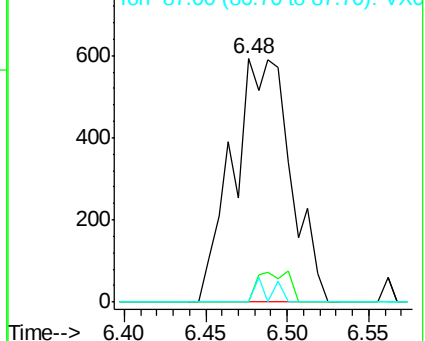
87 2.8 10.6 16.0#

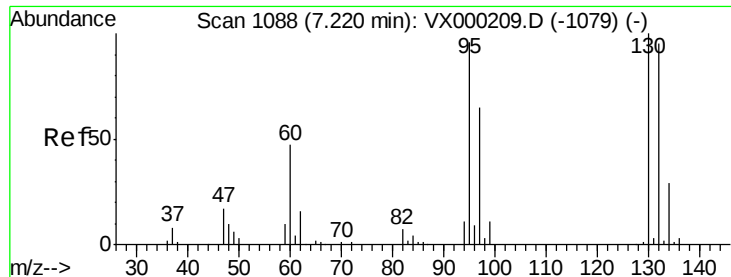


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.52 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

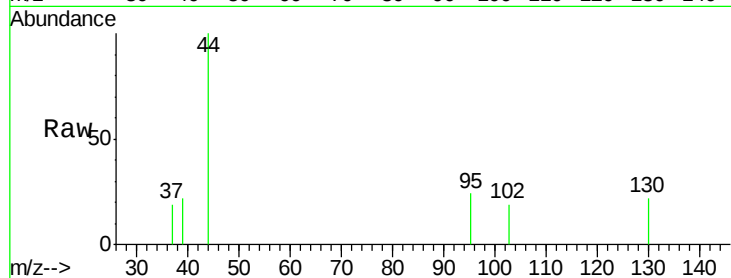
ClientSampled :

Tot Ion:130 Resp: 23

Ion Ratio Lower Upper

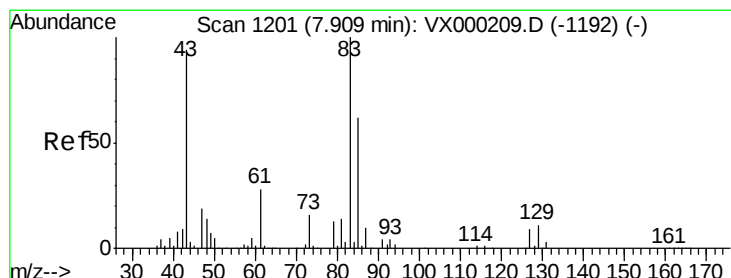
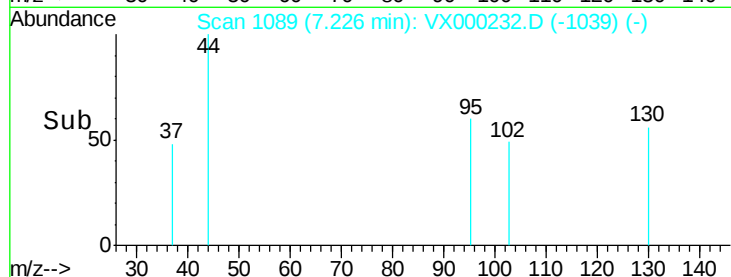
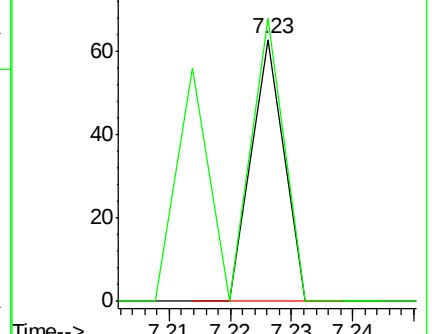
130 100

95 107.9 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 0.53 ug/l

RT: 7.92 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

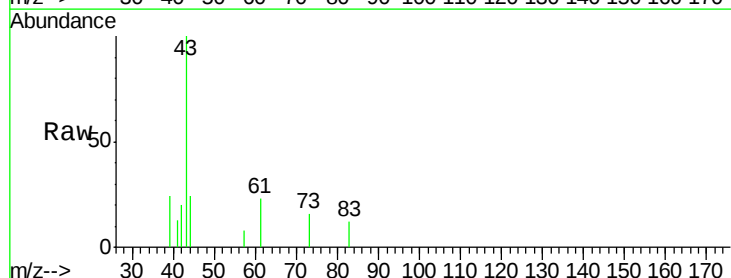
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

85 0.0 49.6 74.4#

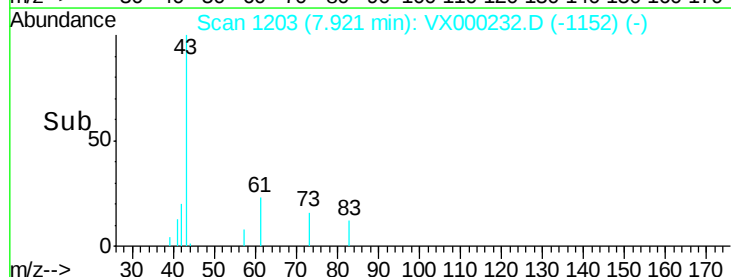
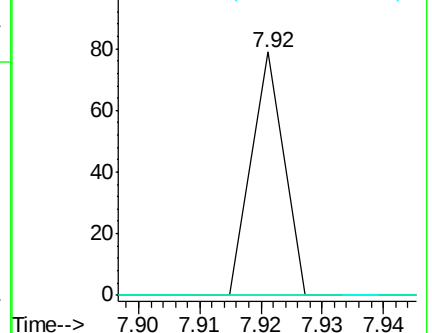
127 0.0 7.0 10.4#

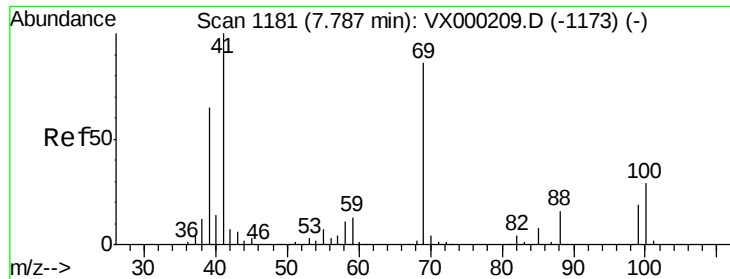


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

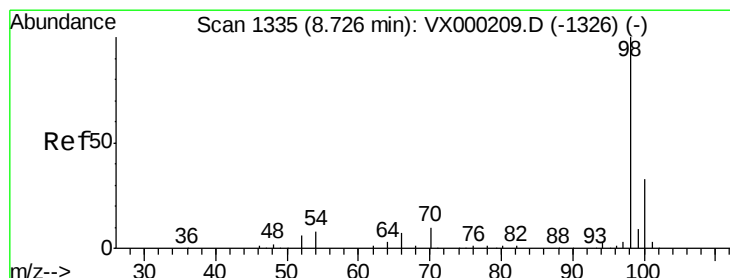
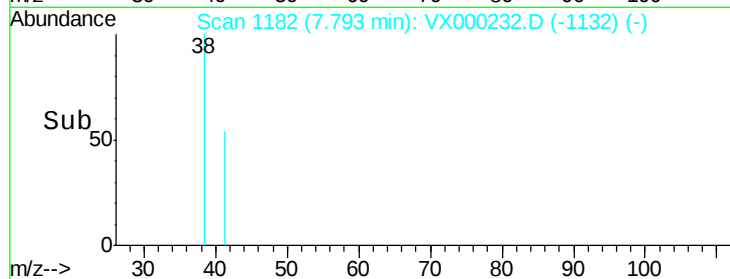
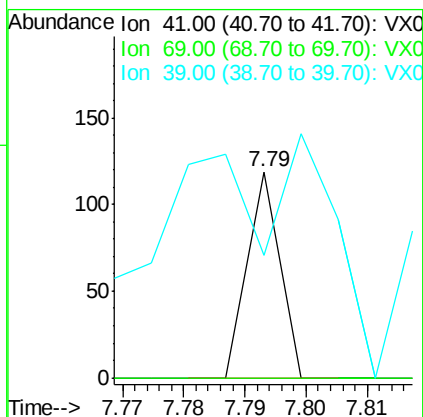
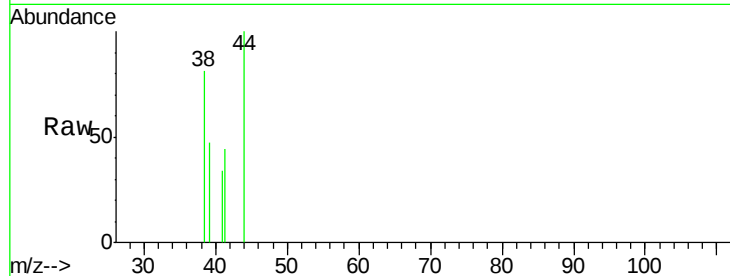




#48
Methyl methacrylate
Concen: 0.79 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

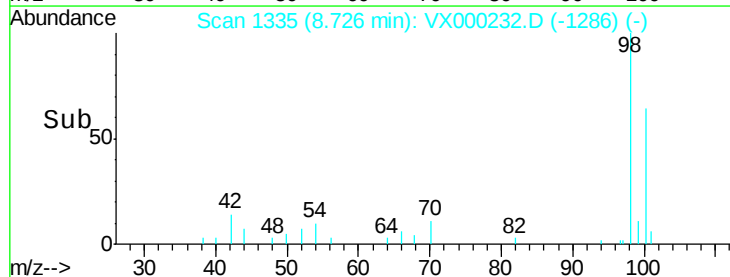
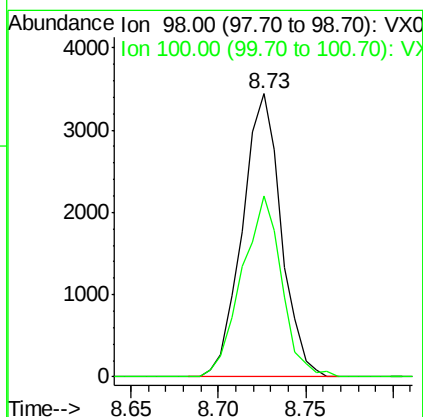
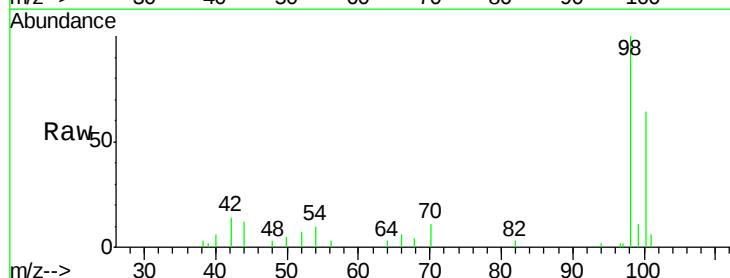
Instrument :
MSVOA_X
ClientSampled :

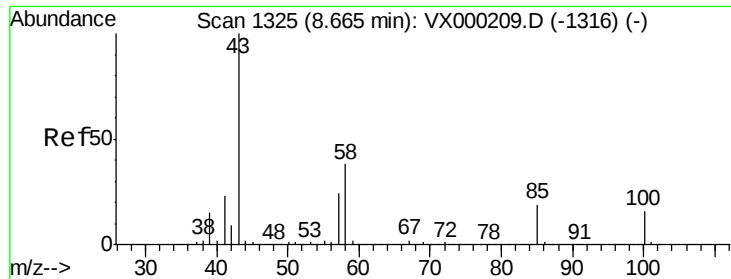
Tot Ion: 41 Resp: 44
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 515.9 53.6 80.4#



#50
Toluene-d8
Concen: 33.80 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Tgt Ion: 98 Resp: 5337
Ion Ratio Lower Upper
98 100
100 65.6 51.2 76.8

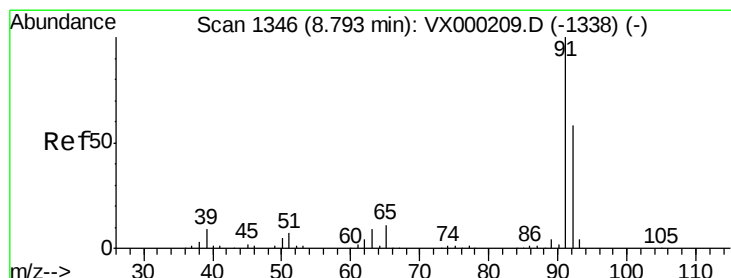
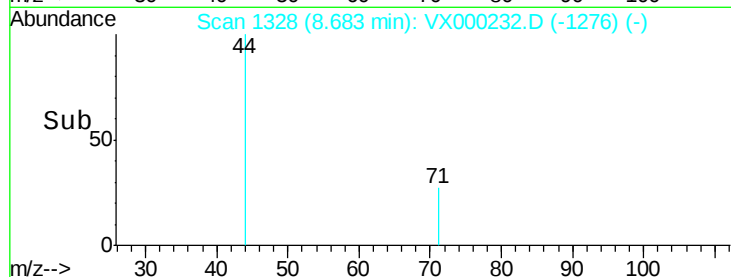
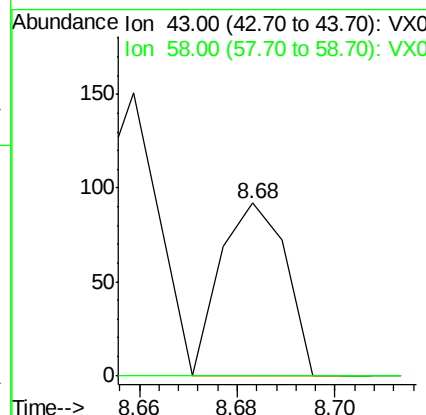
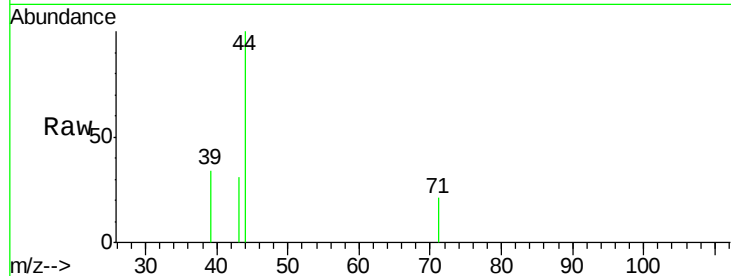




#51
 4-Methyl-2-Pentanone
 Concen: 1.00 ug/l
 RT: 8.68 min Scan# 1328
 Delta R.T. 0.02 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

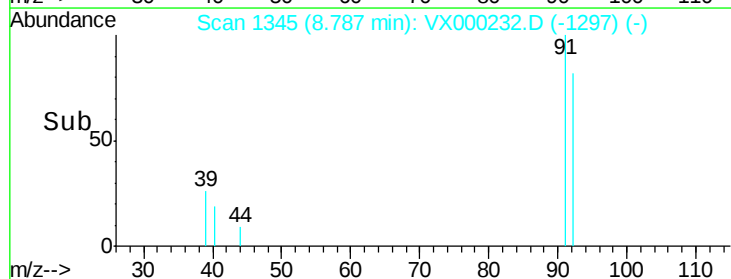
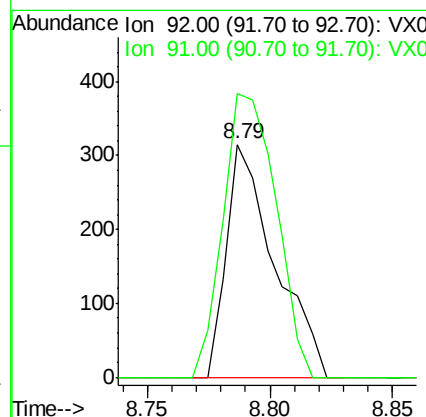
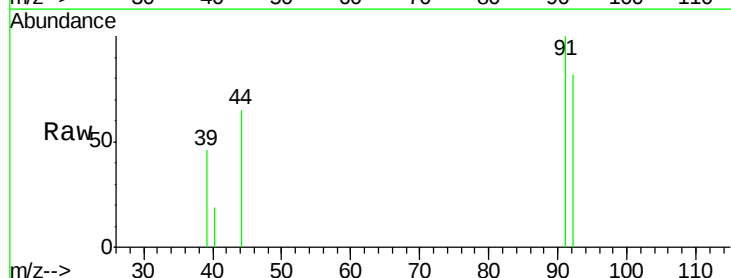
Instrument :
 MSVOA_X
 ClientSampled :

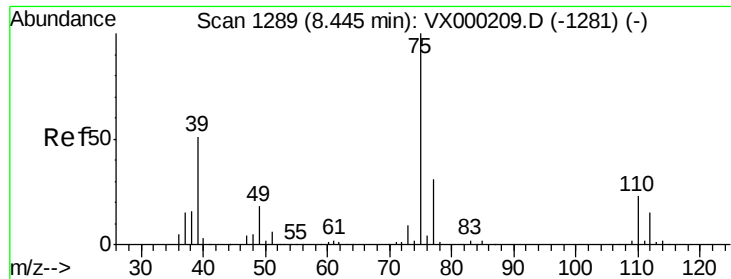
Tot Ion: 43 Resp: 85
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.2 45.2#



#52
 Toluene
 Concen: 4.05 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

Tgt Ion: 92 Resp: 432
 Ion Ratio Lower Upper
 92 100
 91 133.8 139.0 208.6#

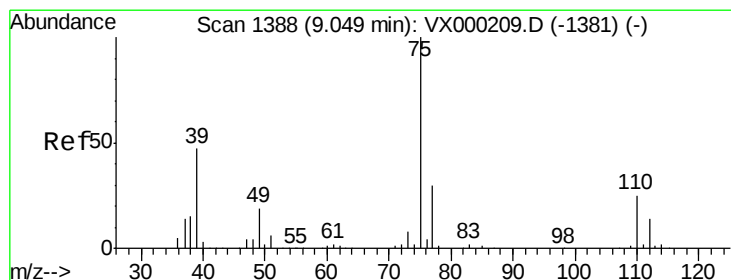
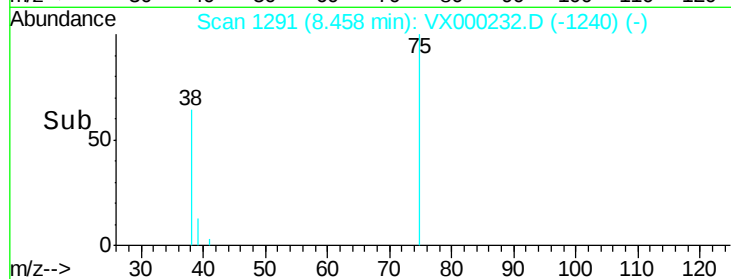
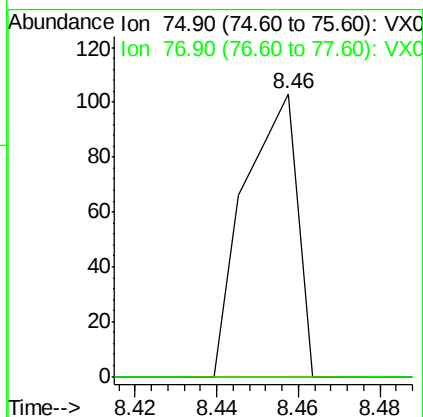
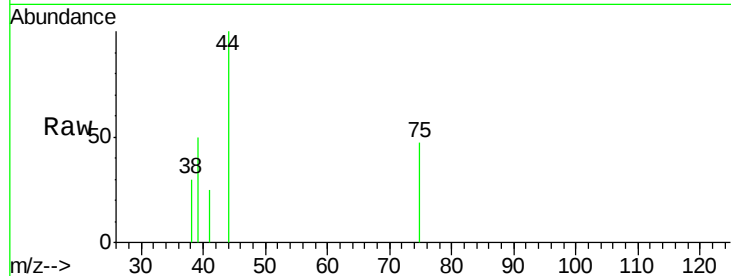




#53
 t-1,3-Dichloropropene
 Concen: 1.44 ug/l
 RT: 8.46 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

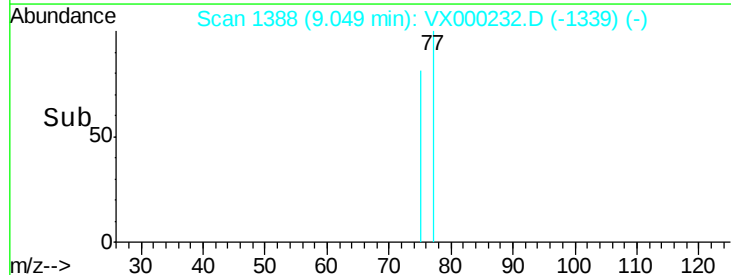
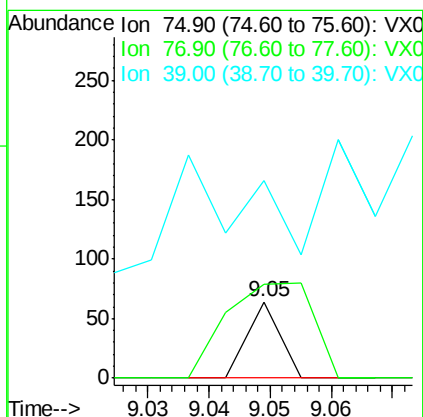
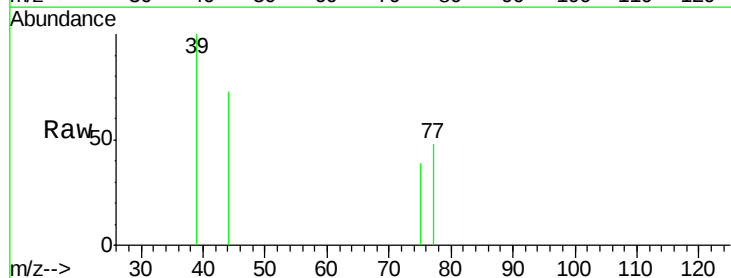
Instrument :
 MSVOA_X
 ClientSampled :

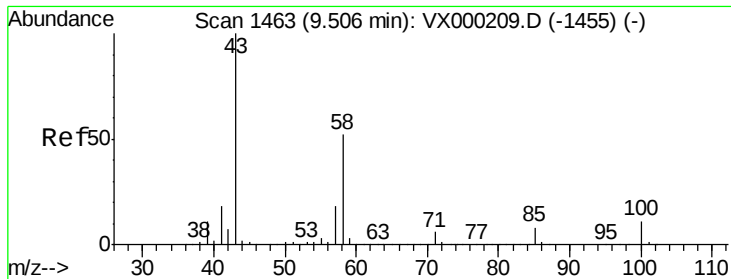
Tot Ion: 75 Resp: 93
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#



#54
 cis-1,3-Dichloropropene
 Concen: 0.37 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

Tgt Ion: 75 Resp: 23
 Ion Ratio Lower Upper
 75 100
 77 123.4 23.9 35.9#
 39 0.0 37.4 56.2#





#59

2-Hexanone

Concen: 0.55 ug/l

RT: 9.49 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

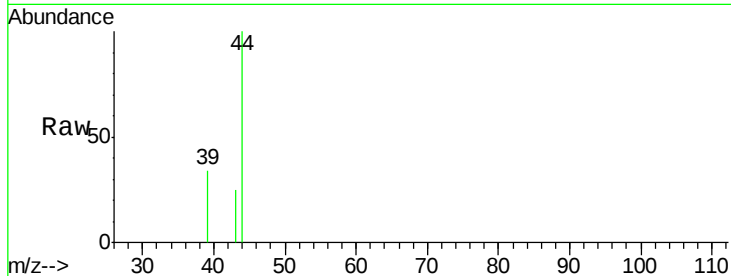
ClientSampleId :

Tot Ion: 43 Resp: 40

Ion Ratio Lower Upper

43 100

58 0.0 26.6 79.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

60

50

40

30

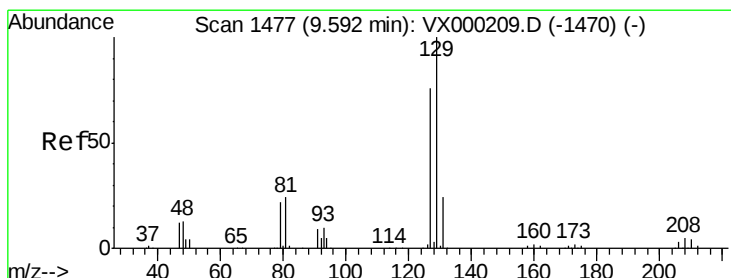
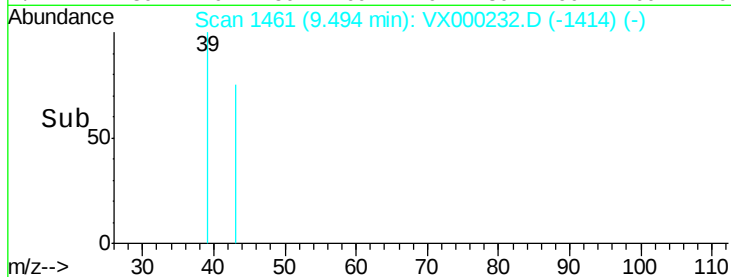
20

10

0

9.48 9.50 9.52

Time-->



#60

Dibromochloromethane

Concen: 3.20 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX000232.D

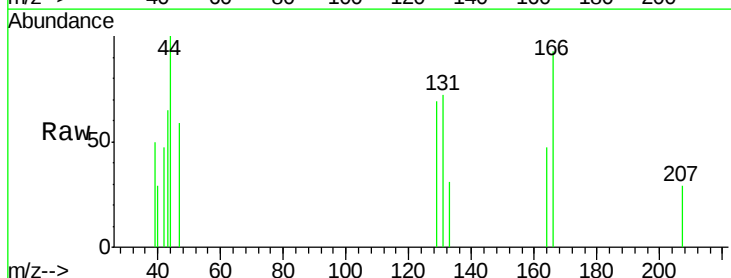
Acq: 08 Mar 2018 20:36

Tgt Ion: 129 Resp: 146

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

150

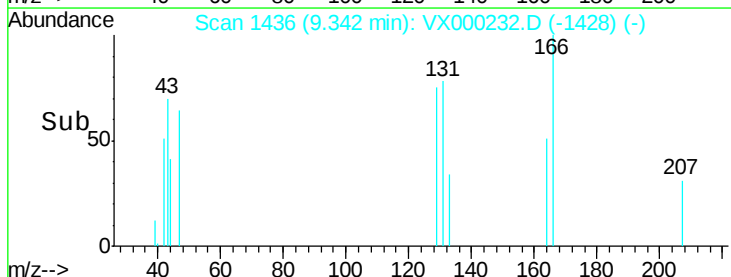
100

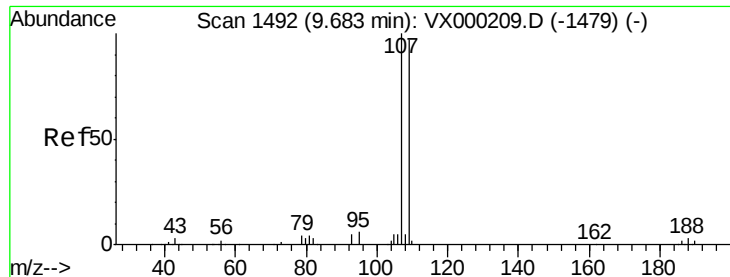
50

0

9.32 9.34 9.36 9.38

Time-->





#61

1,2-Dibromoethane

Concen: 0.40 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

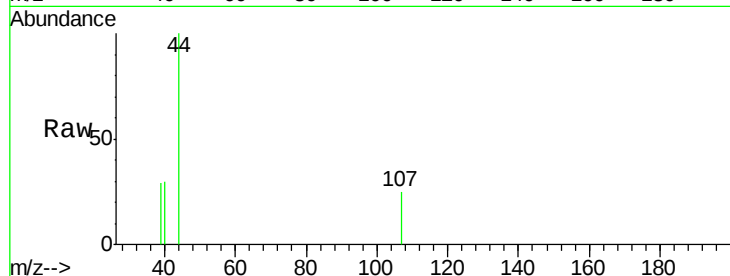
ClientSampled :

Tot Ion:107 Resp: 19

Ion Ratio Lower Upper

107 100

109 0.0 76.8 115.2#

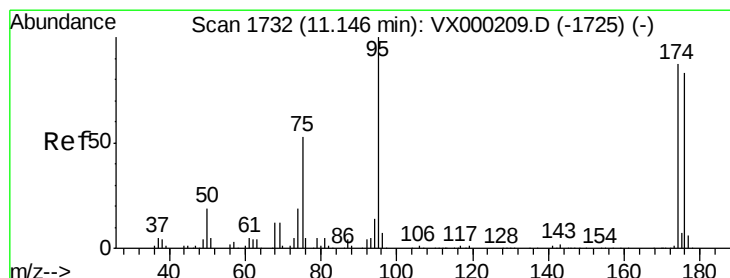
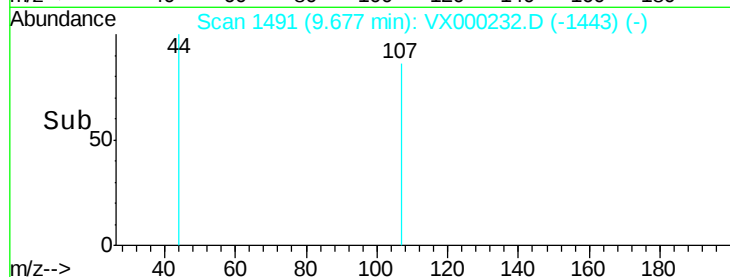


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

Time-->



#62

4-Bromofluorobenzene

Concen: 38.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

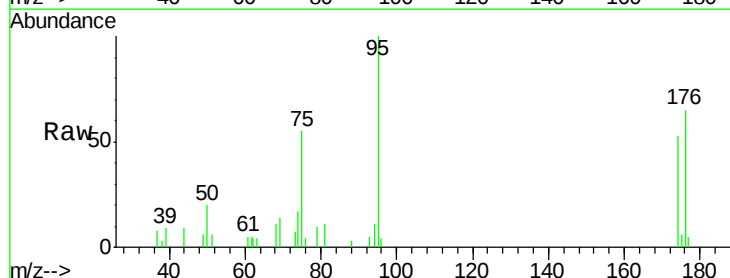
Tgt Ion: 95 Resp: 2351

Ion Ratio Lower Upper

95 100

174 80.7 0.0 175.6

176 82.6 0.0 171.0



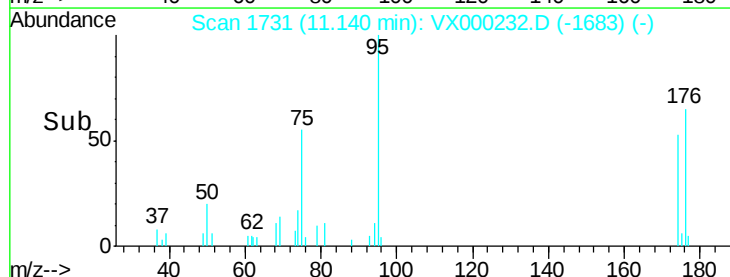
Abundance Ion 94.90 (94.60 to 95.60): VX0

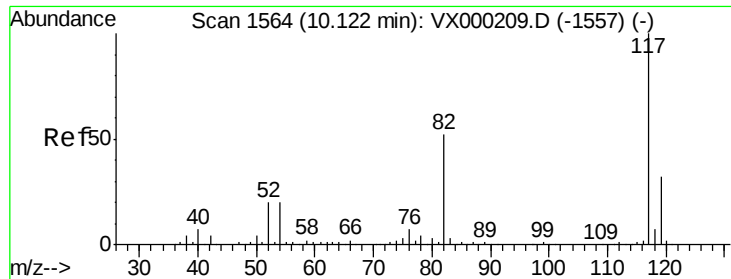
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time-->

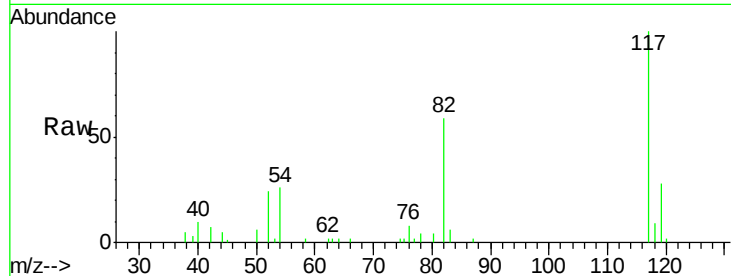




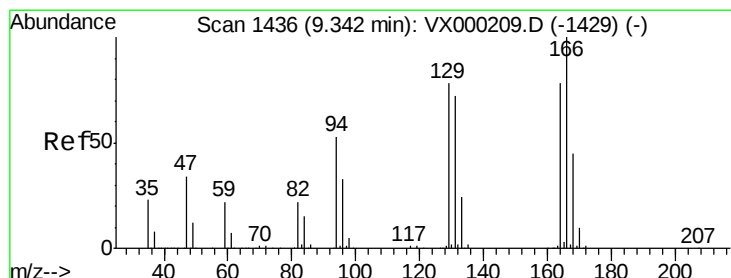
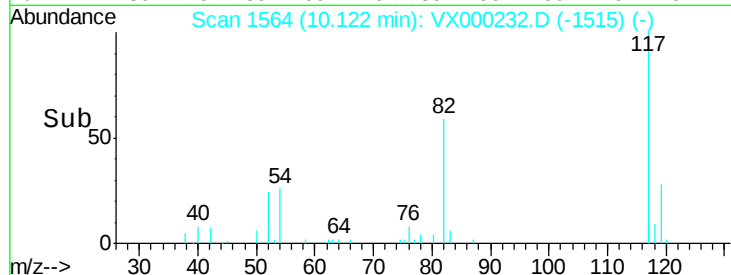
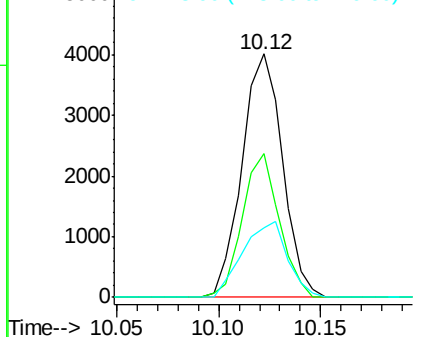
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 5551
Ion Ratio Lower Upper
117 100
82 59.3 42.0 63.0
119 28.4 25.3 37.9

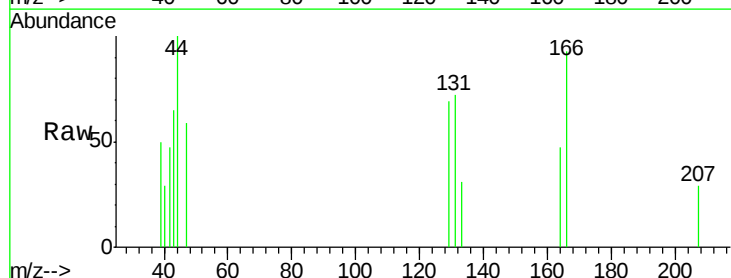


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

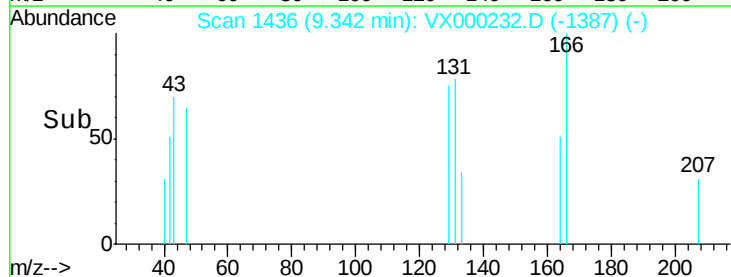
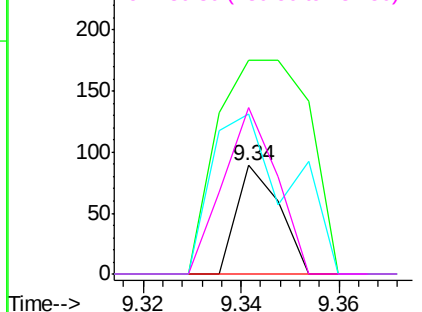


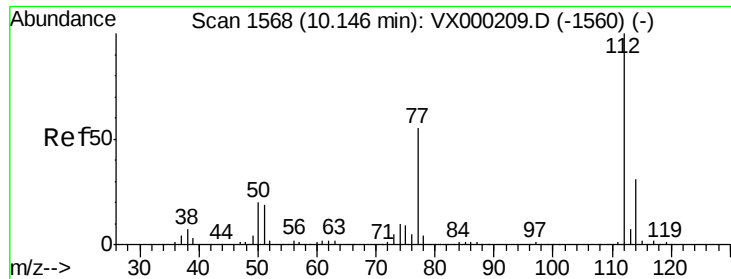
#64
Tetrachloroethene
Concen: 1.42 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Tgt Ion:164 Resp: 55
Ion Ratio Lower Upper
164 100
166 196.6 103.0 154.6#
129 147.2 80.2 120.4#
131 153.9 74.2 111.4#



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: 1.62 ug/l

RT: 10.15 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

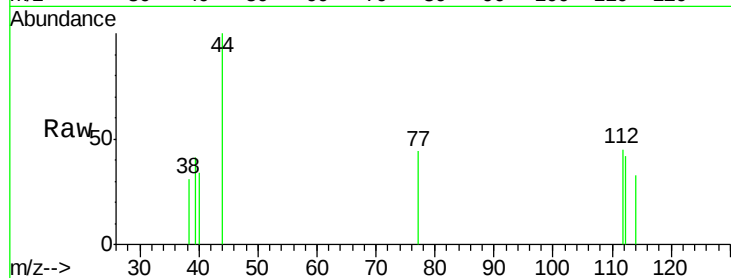
ClientSampleId :

Tot Ion:112 Resp: 182

Ion Ratio Lower Upper

112 100

114 37.6 25.0 37.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

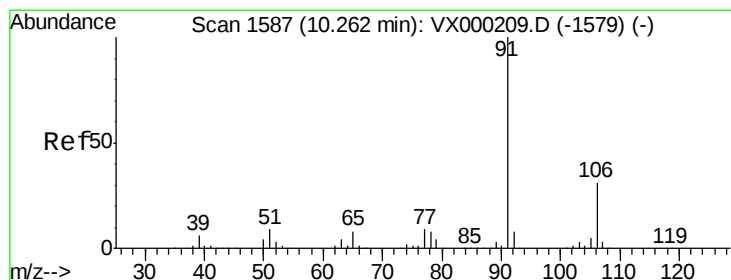
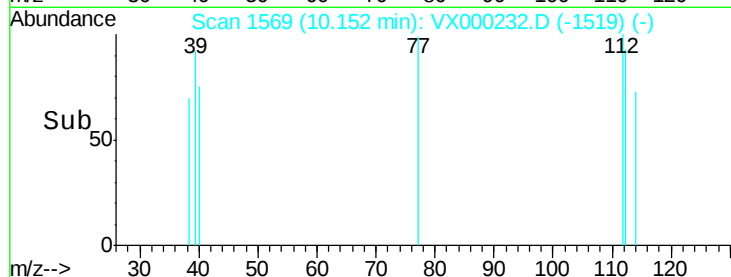
10.15

100

50

0

Time-->



#67

Ethyl Benzene

Concen: 5.27 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000232.D

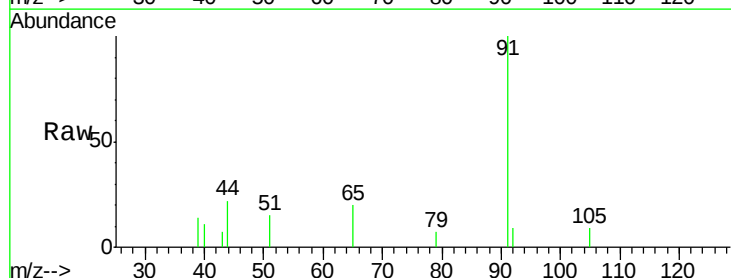
Acq: 08 Mar 2018 20:36

Tgt Ion: 91 Resp: 1031

Ion Ratio Lower Upper

91 100

106 0.0 25.2 37.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

10.26

800

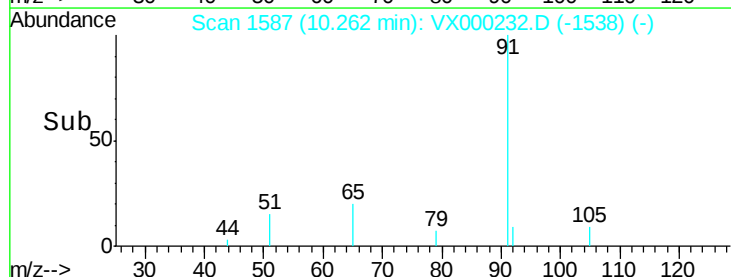
600

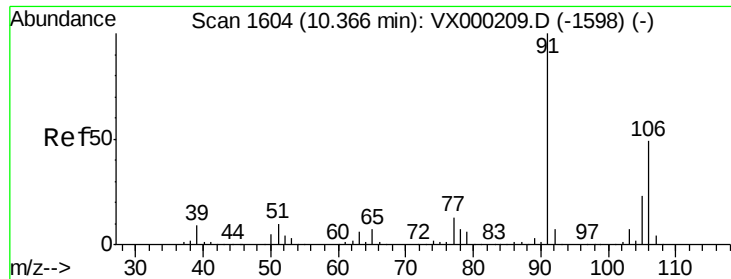
400

200

0

Time-->

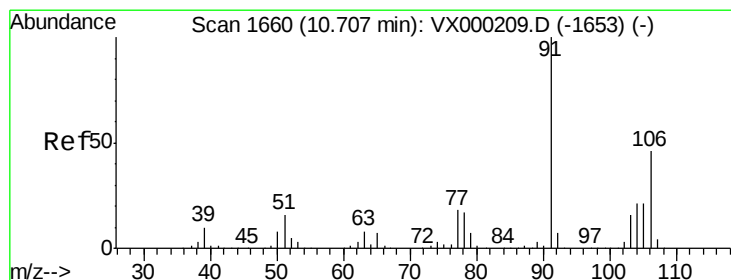
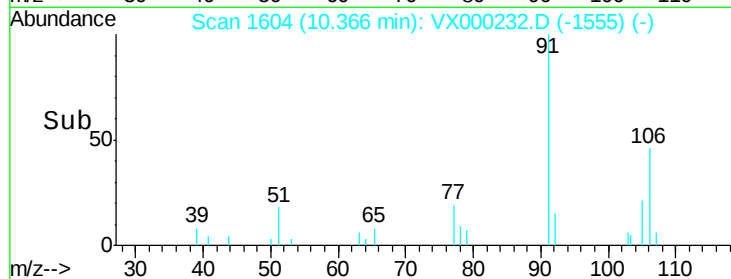
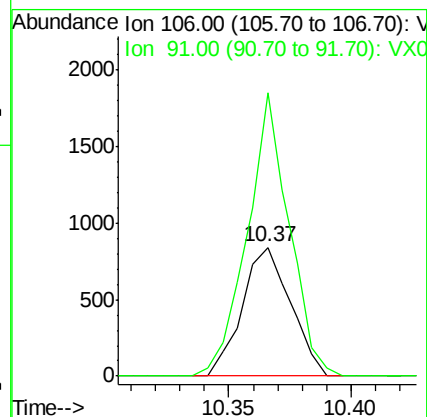
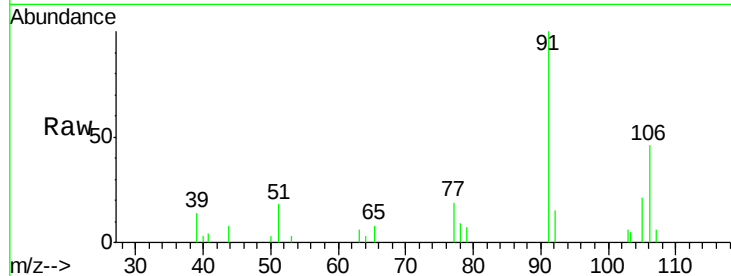




#68
m/p-Xvlenes
Concen: 15.42 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

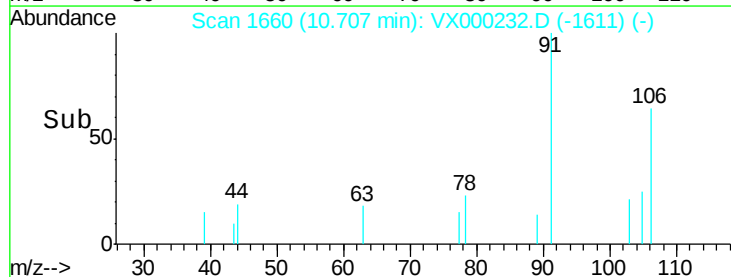
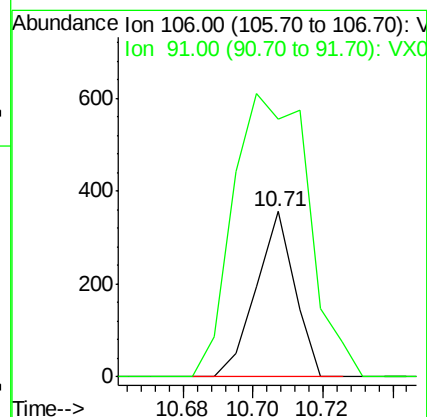
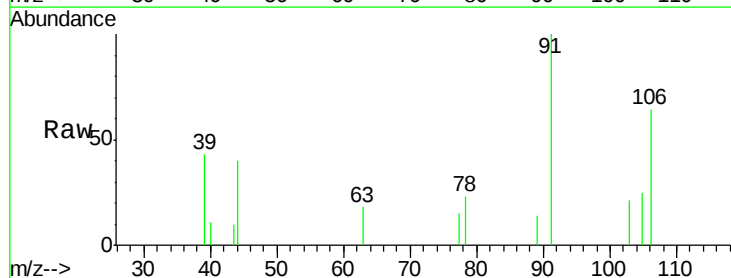
Instrument :
MSVOA_X
ClientSampled :

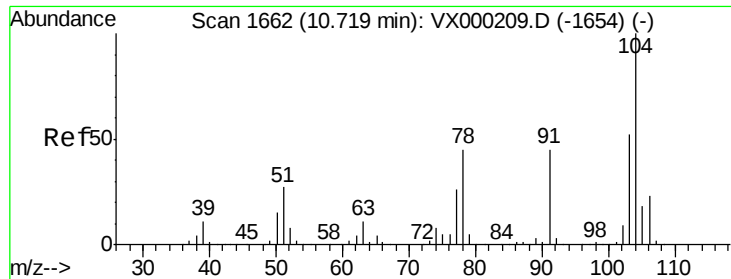
Tot Ion:106 Resp: 1161
Ion Ratio Lower Upper
106 100
91 190.4 160.9 241.3



#69
o-Xylene
Concen: 3.77 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Tgt Ion:106 Resp: 273
Ion Ratio Lower Upper
106 100
91 333.3 105.9 317.7#

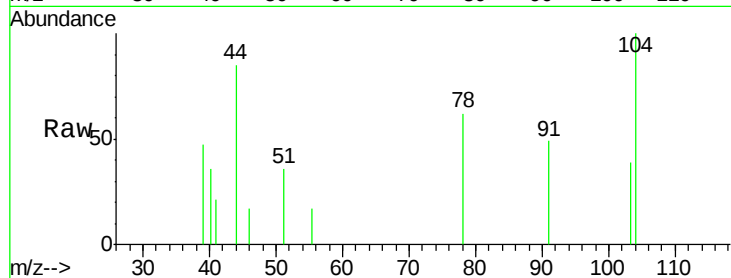




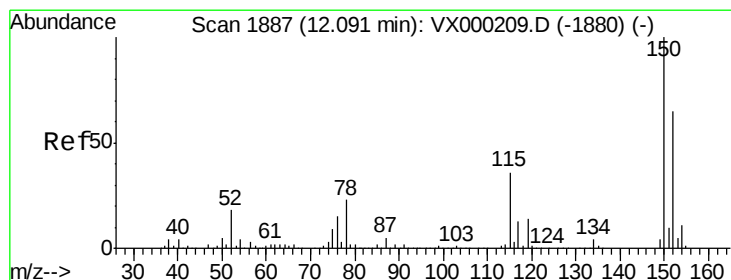
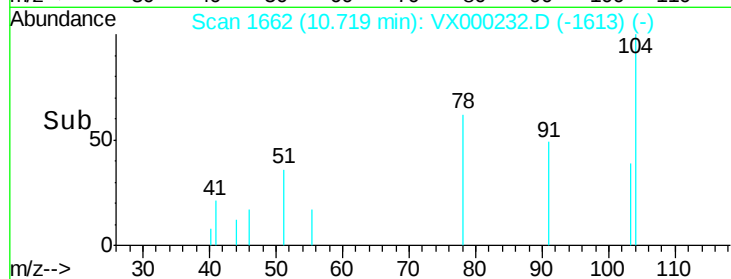
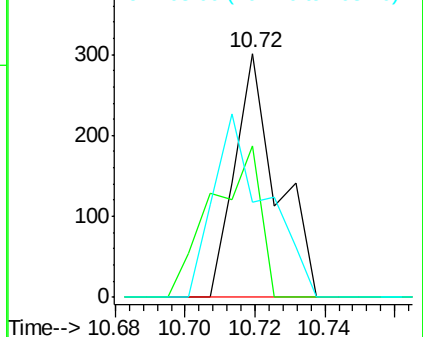
#70
Stvrene
Concen: 2.12 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:104 Resp: 254
Ion Ratio Lower Upper
104 100
78 70.5 39.6 59.4#
103 92.9 45.0 67.6#

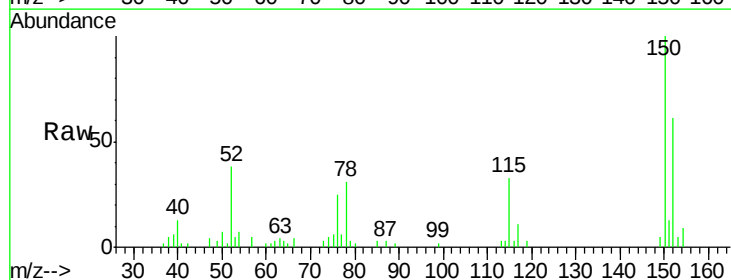


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX
Ion 103.00 (102.70 to 103.70): V

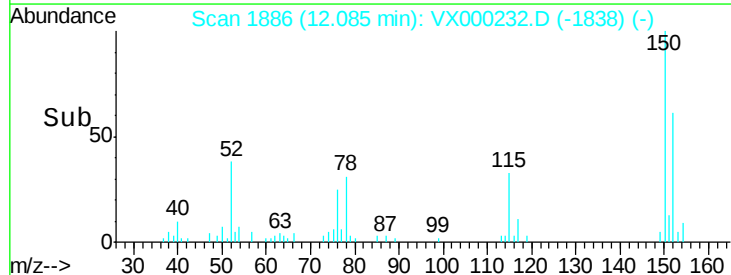
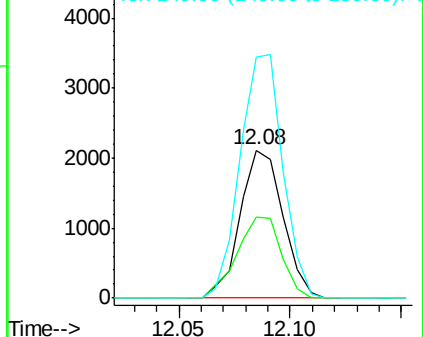


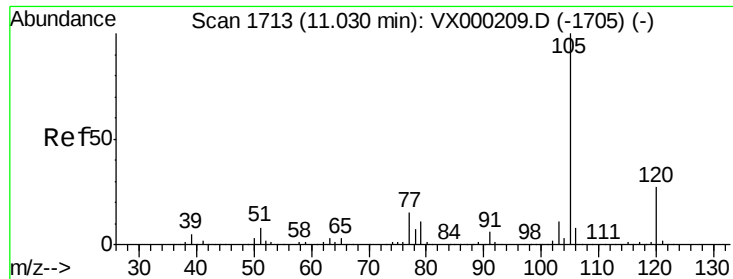
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Tgt Ion:152 Resp: 2830
Ion Ratio Lower Upper
152 100
115 56.9 39.8 119.3
150 164.6 0.0 345.0



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: 1.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

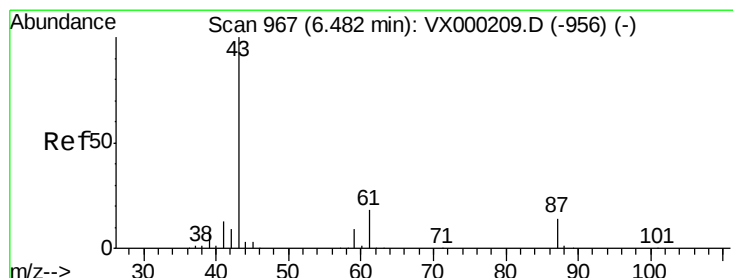
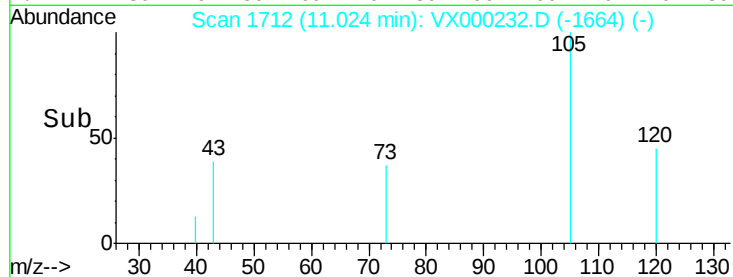
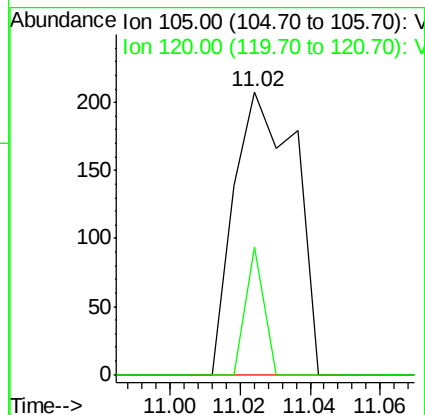
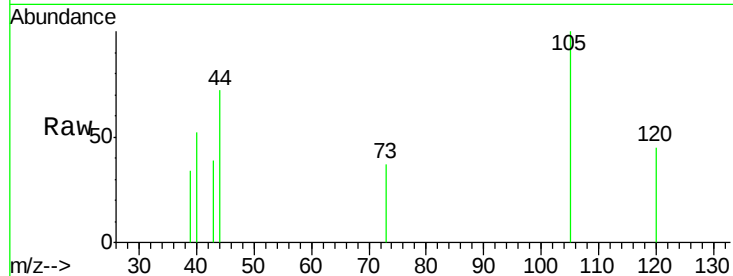
ClientSampleId :

Tot Ion:105 Resp: 253

Ion Ratio Lower Upper

105 100

120 13.4 13.5 40.4#



#74

N-ethyl acetate

Concen: 16.25 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Tgt Ion: 43 Resp: 1473

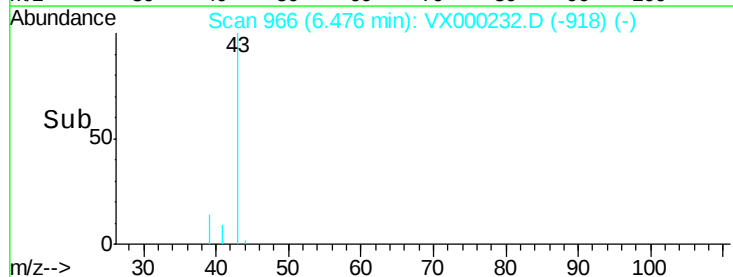
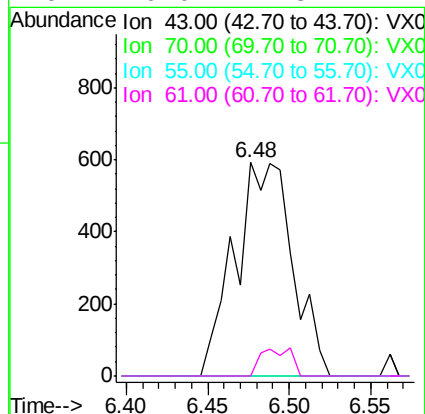
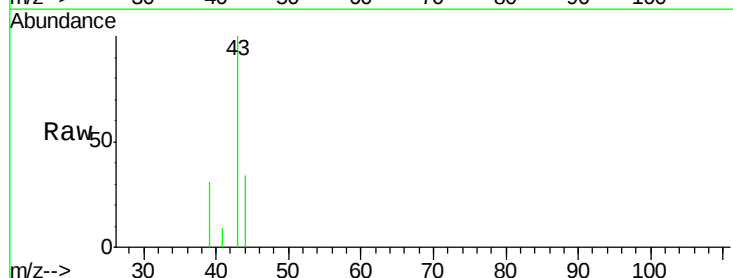
Ion Ratio Lower Upper

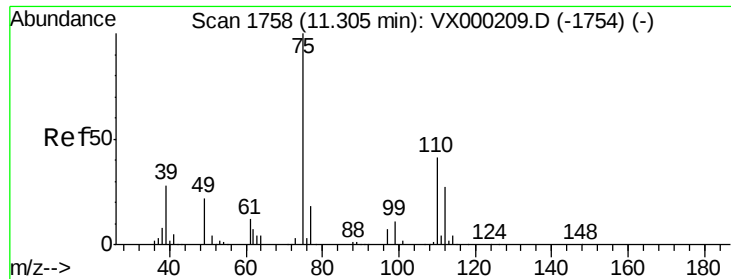
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.8 22.2#

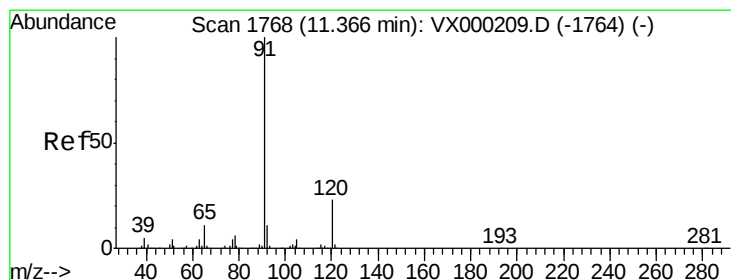
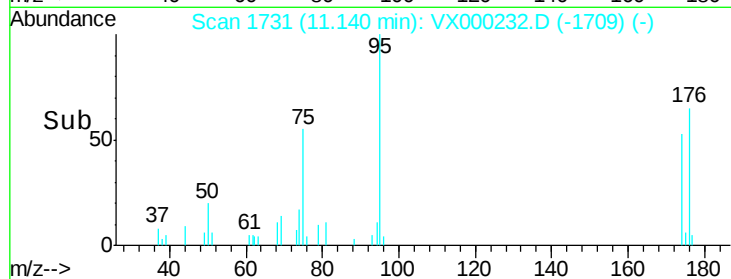
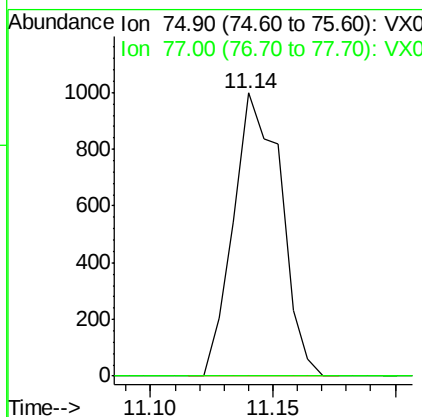
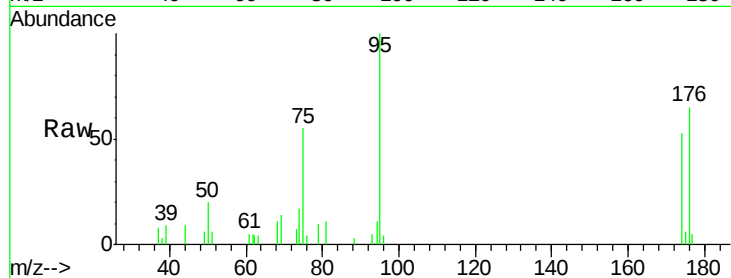




#76
 1,2,3-Trichloropropane
 Concen: 23.85 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

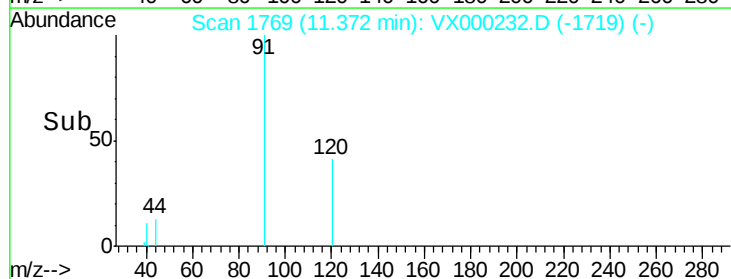
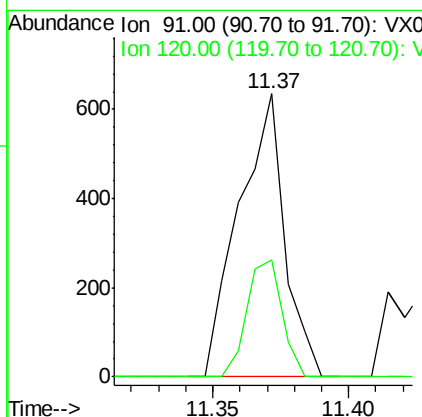
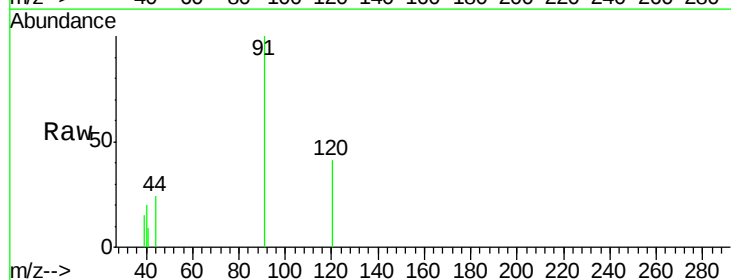
Instrument :
 MSVOA_X
 ClientSampled :

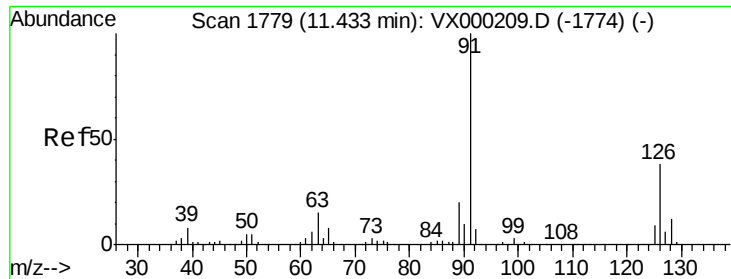
Tot Ion: 75 Resp: 1353
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.3 66.8#



#78
 n-propylbenzene
 Concen: 3.54 ug/l
 RT: 11.37 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

Tgt Ion: 91 Resp: 739
 Ion Ratio Lower Upper
 91 100
 120 31.9 12.2 36.4





#79

2-Chlorotoluene

Concen: 3.79 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.08 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

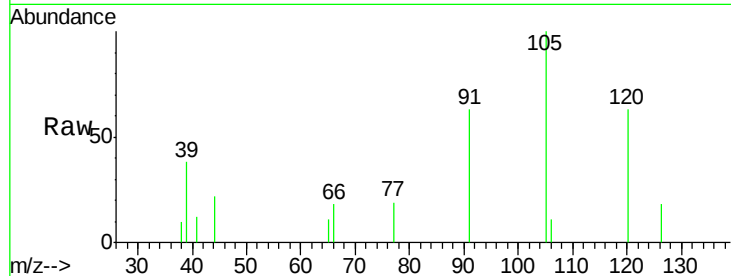
ClientSampleId :

Tot Ion: 91 Resp: 446

Ion Ratio Lower Upper

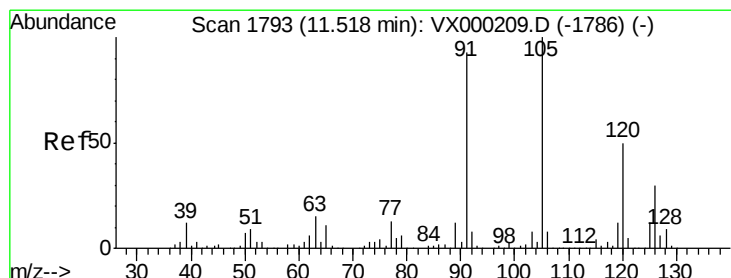
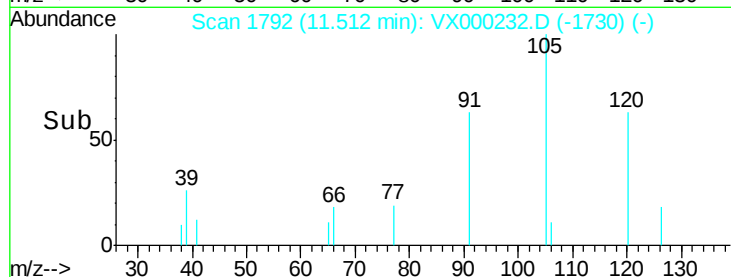
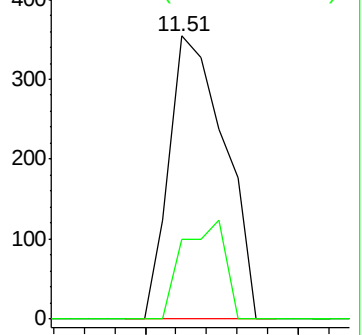
91 100

126 26.5 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.57 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000232.D

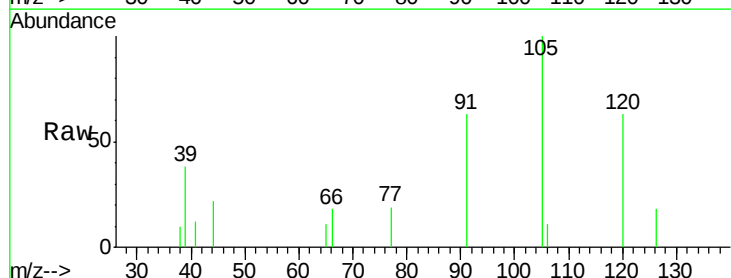
Acq: 08 Mar 2018 20:36

Tgt Ion:105 Resp: 676

Ion Ratio Lower Upper

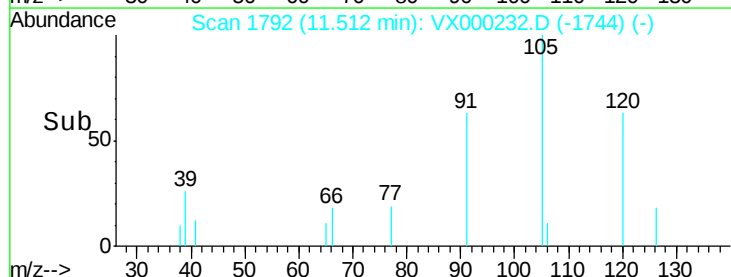
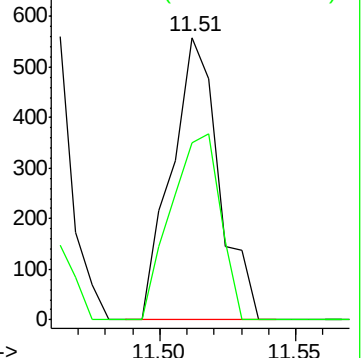
105 100

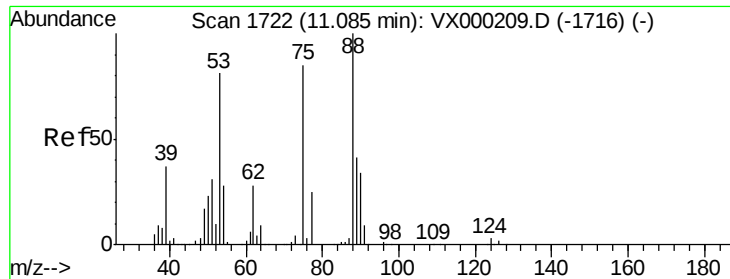
120 68.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

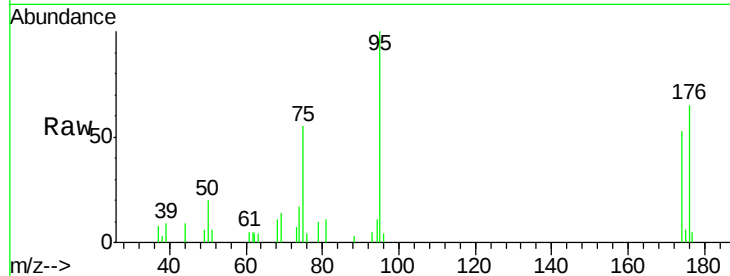




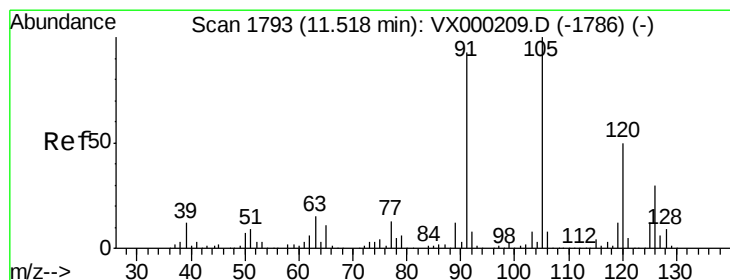
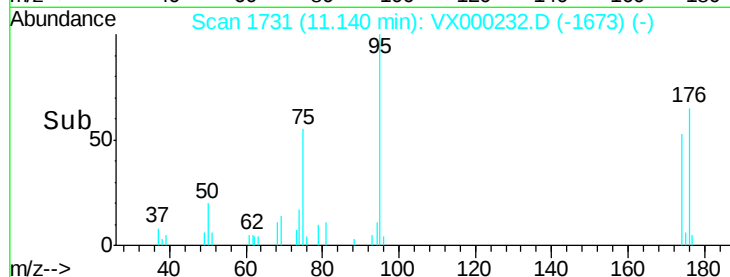
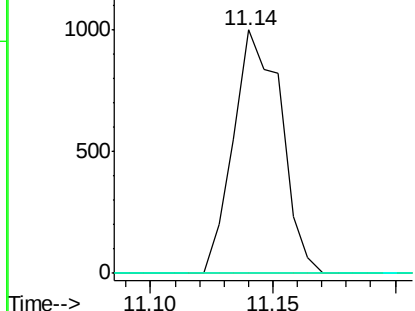
#81
trans-1,4-Dichloro-2-butene
Concen: 73.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.05 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 1353
Ion Ratio Lower Upper
75 100
53 0.0 78.6 118.0#
89 0.0 38.8 58.2#

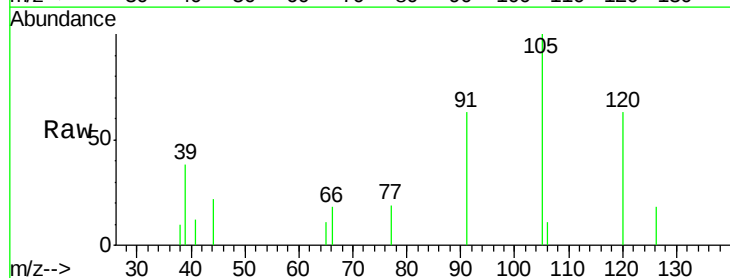


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

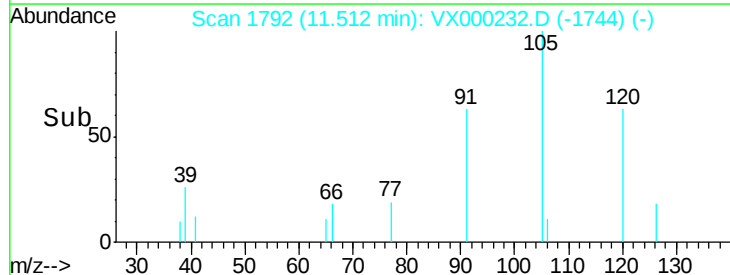
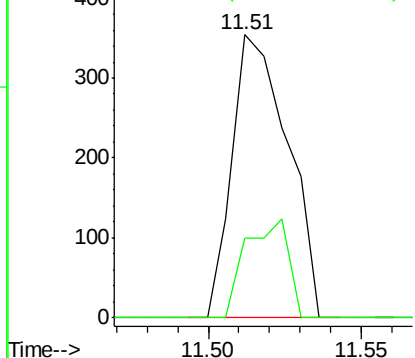


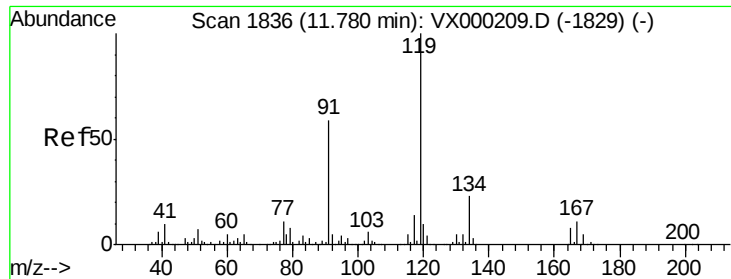
#82
4-Chlorotoluene
Concen: 3.12 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Tgt Ion: 91 Resp: 446
Ion Ratio Lower Upper
91 100
126 26.5 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

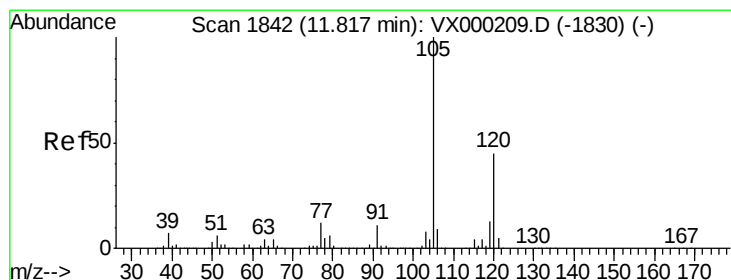
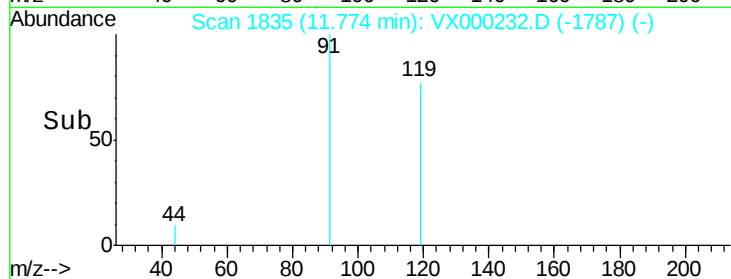
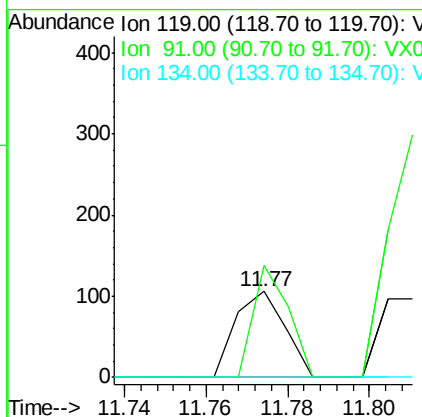
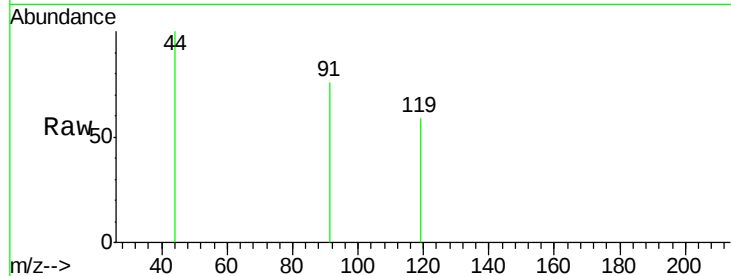




#83
tert-Butylbenzene
Concen: 0.61 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.01 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

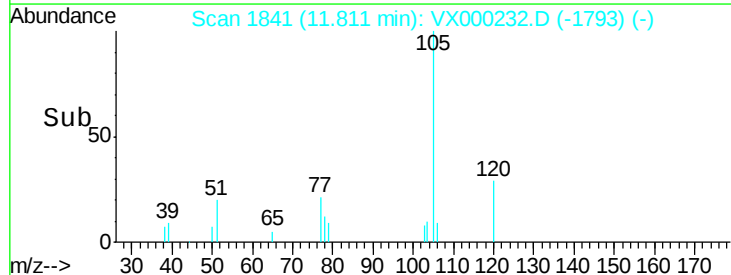
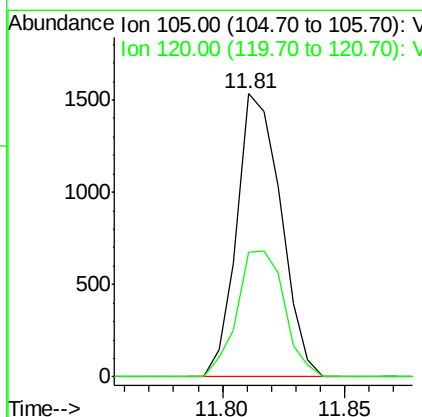
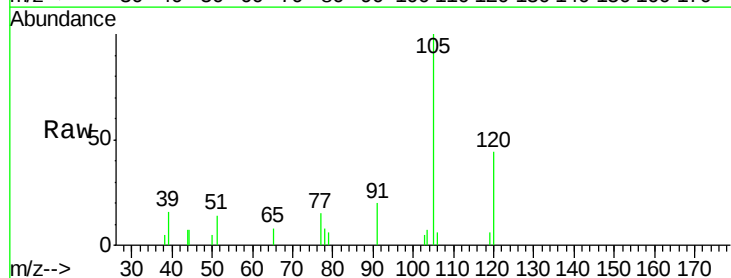
Instrument :
MSVOA_X
ClientSampleId :

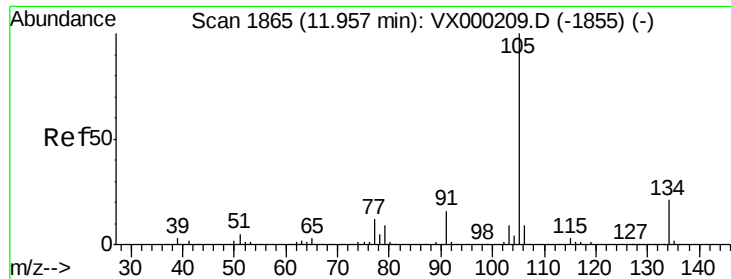
Tot Ion:119 Resp: 88
Ion Ratio Lower Upper
119 100
91 93.2 28.9 86.7#
134 0.0 11.5 34.4#



#84
1,2,4-Trimethylbenzene
Concen: 12.65 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX000232.D
Acq: 08 Mar 2018 20:36

Tgt Ion:105 Resp: 1925
Ion Ratio Lower Upper
105 100
120 47.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 2.52 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

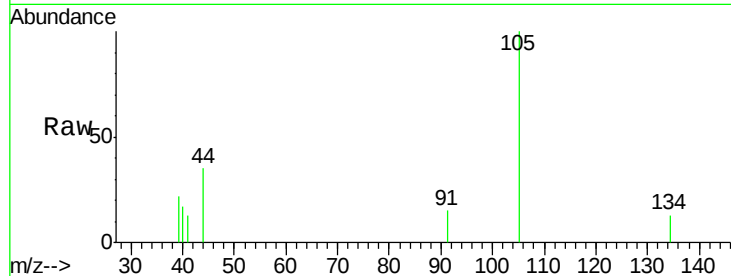
ClientSampleId :

Tot Ion:105 Resp: 458

Ion Ratio Lower Upper

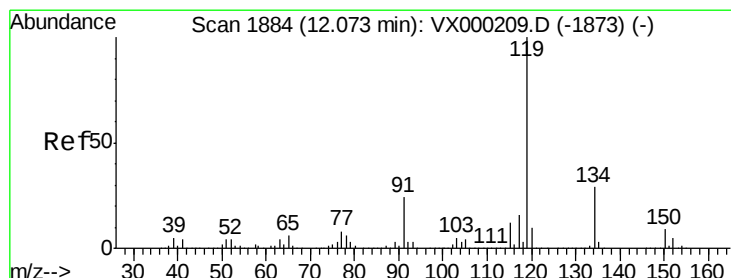
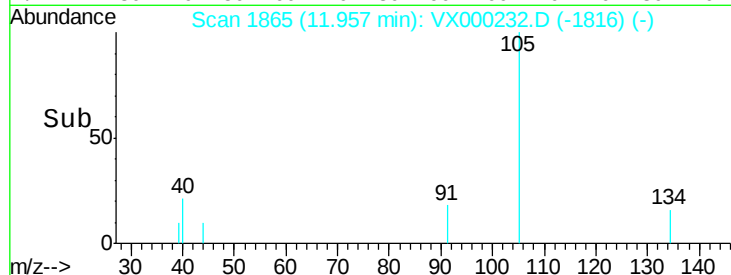
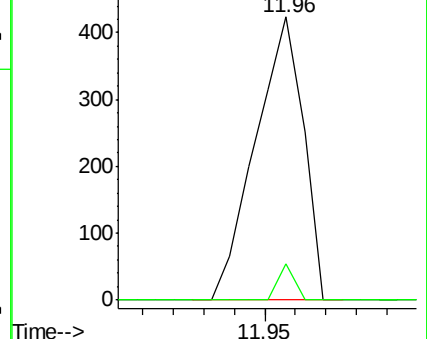
105 100

134 4.4 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.56 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

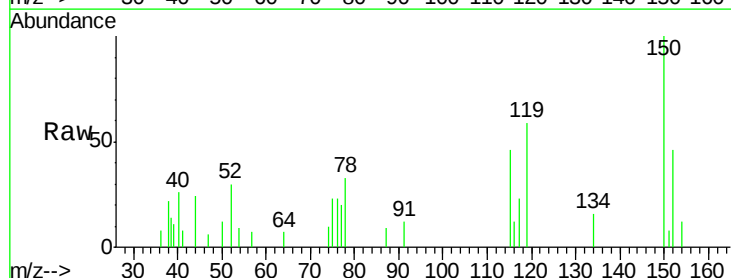
Tgt Ion:119 Resp: 571

Ion Ratio Lower Upper

119 100

134 19.1 13.8 41.3

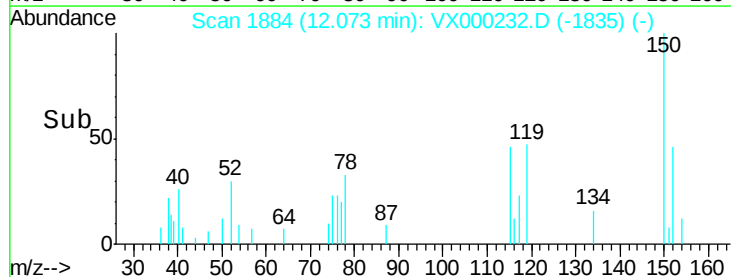
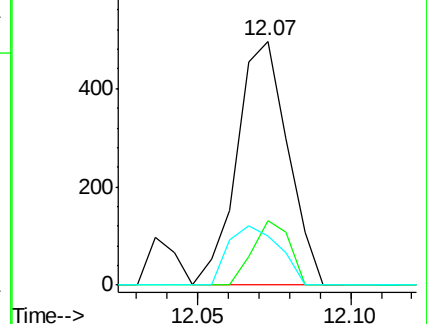
91 24.2 12.0 36.0

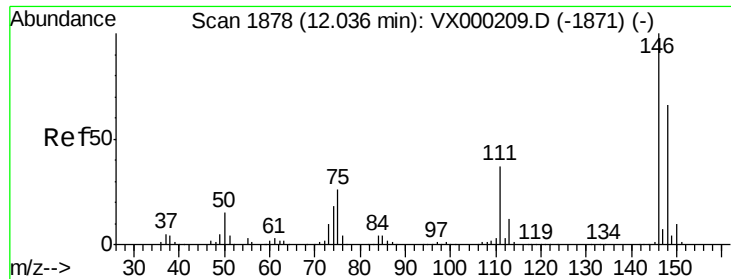


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

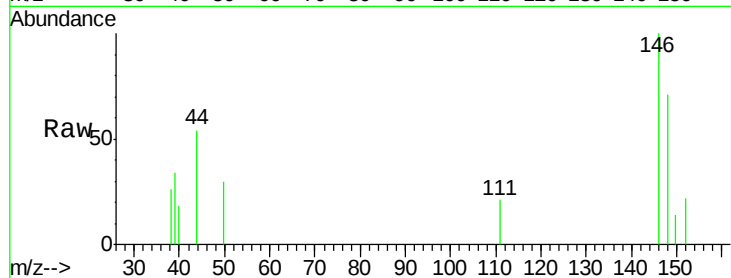




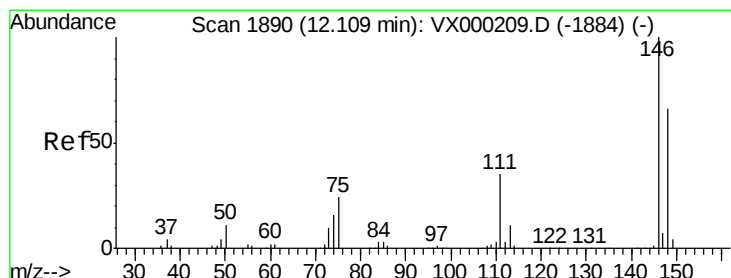
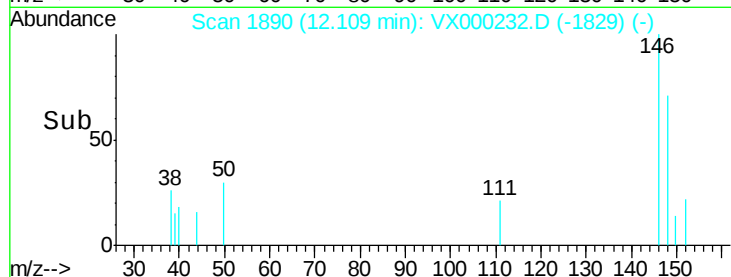
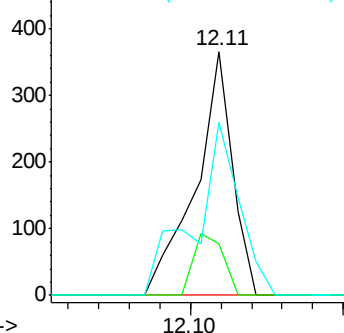
#87
 1,3-Dichlorobenzene
 Concen: 3.52 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.07 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 307
 Ion Ratio Lower Upper
 146 100
 111 20.5 19.0 57.0
 148 87.0 32.1 96.3

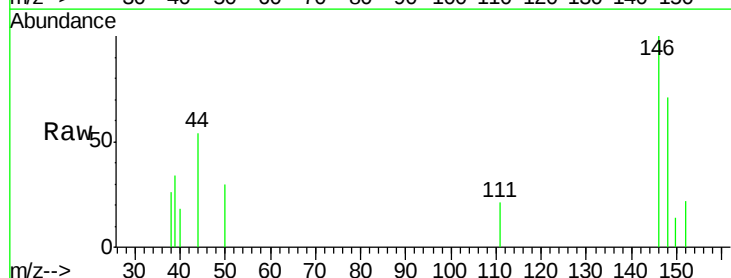


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

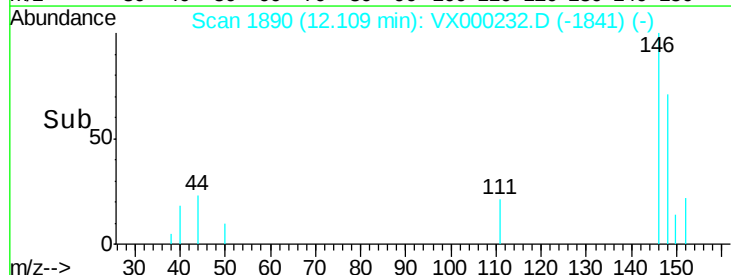
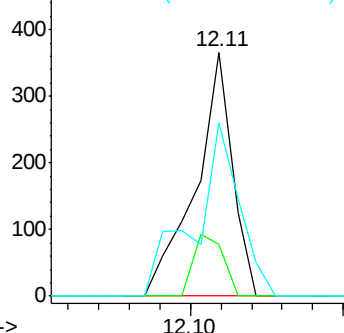


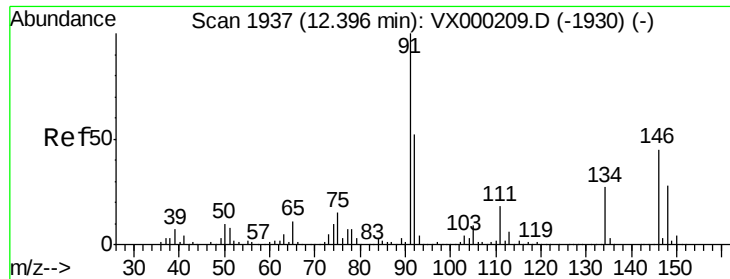
#88
 1,4-Dichlorobenzene
 Concen: 3.36 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

Tgt Ion:146 Resp: 307
 Ion Ratio Lower Upper
 146 100
 111 20.5 18.9 56.9
 148 87.0 32.6 97.8



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: 5.56 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

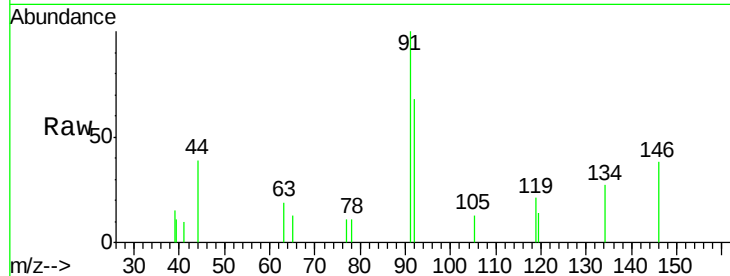
Tot Ion: 91 Resp: 860

Ion Ratio Lower Upper

91 100

92 48.5 25.8 77.4

134 34.5 13.5 40.5

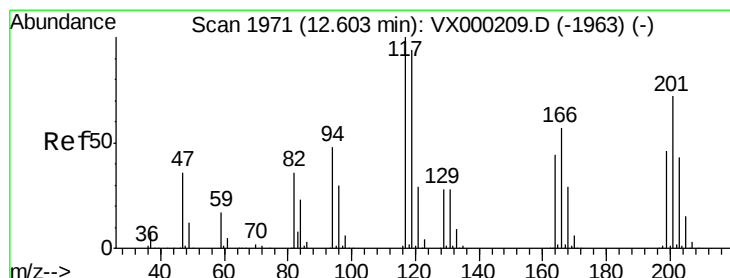
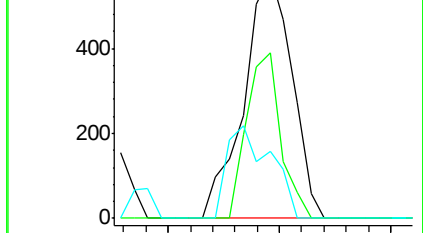
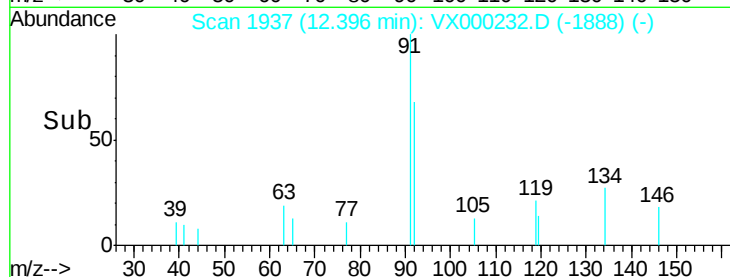


Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000209.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000209.D (-1930) (-)

Time-->



#90

Hexachloroethane

Concen: 2.16 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000232.D

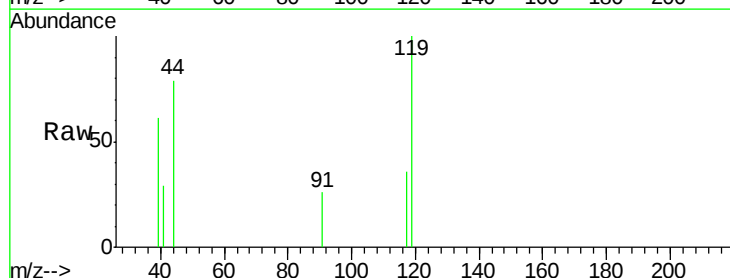
Acq: 08 Mar 2018 20:36

Tgt Ion: 117 Resp: 56

Ion Ratio Lower Upper

117 100

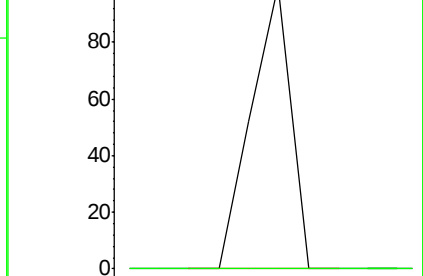
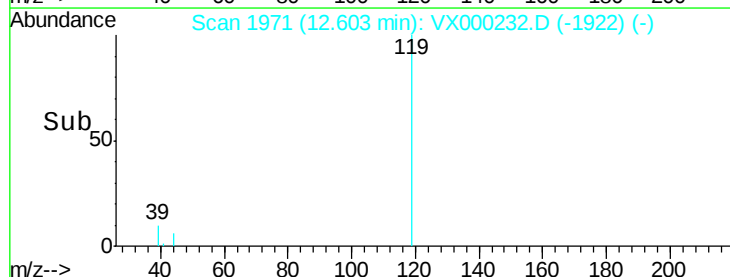
201 0.0 38.2 114.6#

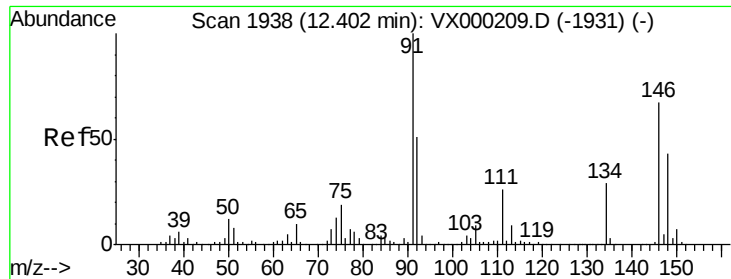


Abundance Ion 116.80 (116.50 to 117.50): VX000209.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX000209.D (-1963) (-)

Time-->

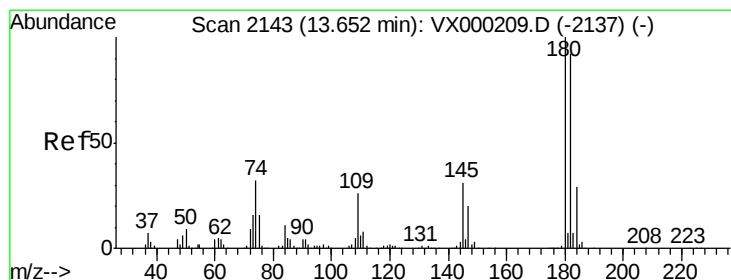
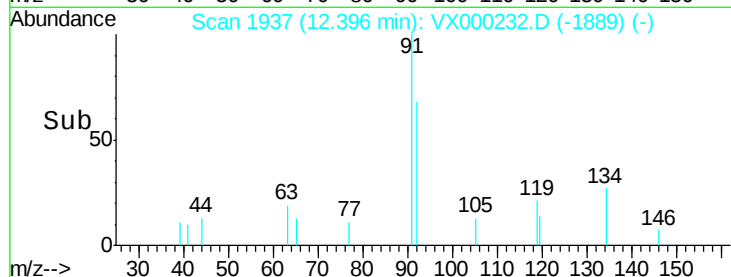
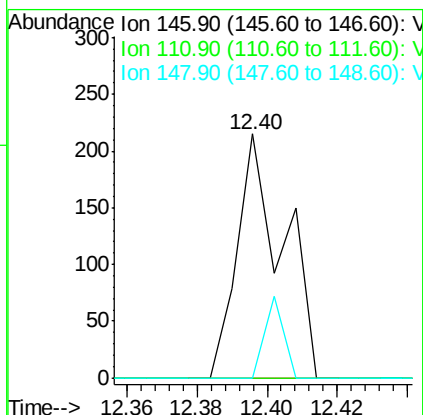
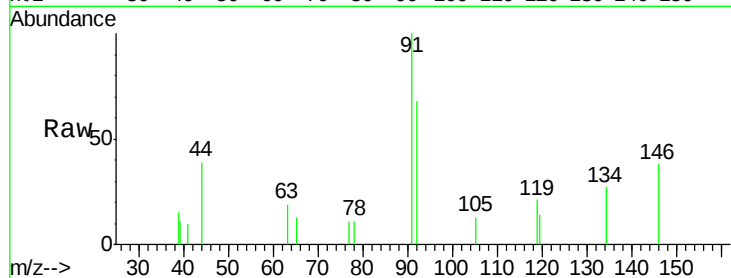




#91
 1,2-Dichlorobenzene
 Concen: 2.27 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

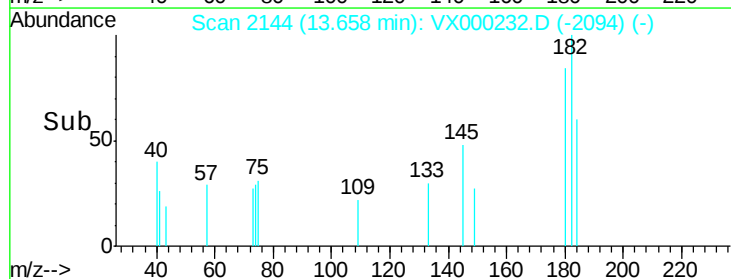
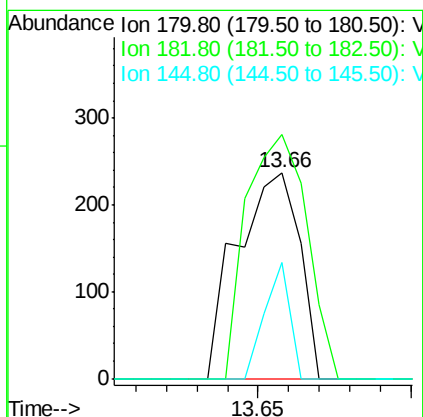
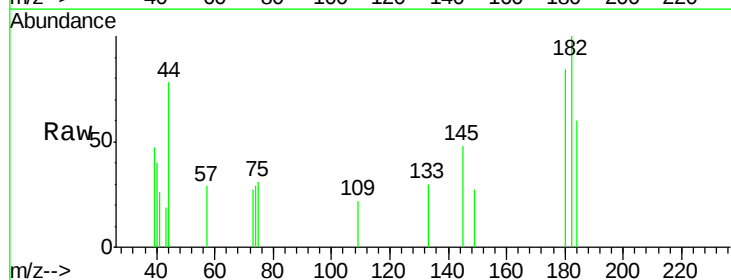
Instrument :
 MSVOA_X
 ClientSampleId :

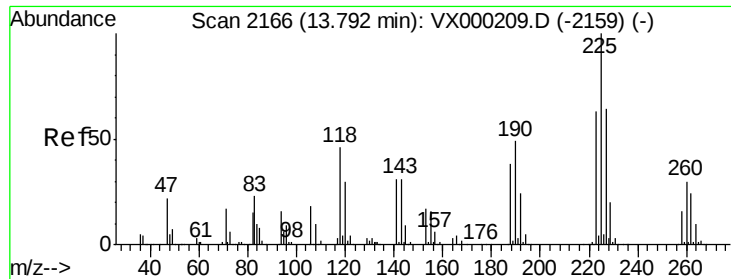
Tot Ion:146 Resp: 196
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.7 59.0#
 148 13.3 32.0 96.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.36 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

Tgt Ion:180 Resp: 336
 Ion Ratio Lower Upper
 180 100
 182 114.9 47.0 141.0
 145 22.6 15.3 45.9





#94

Hexachlorobutadiene

Concen: 3.95 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.01 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

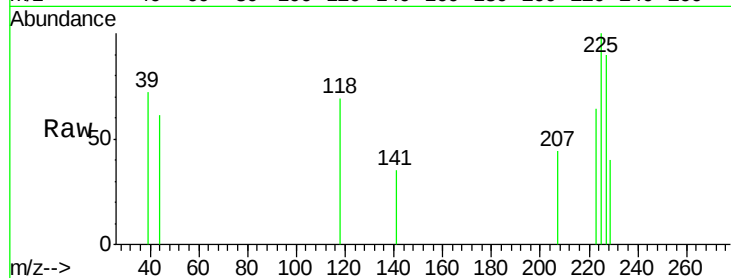
Tot Ion:225 Resp: 103

Ion Ratio Lower Upper

225 100

223 62.1 31.8 95.3

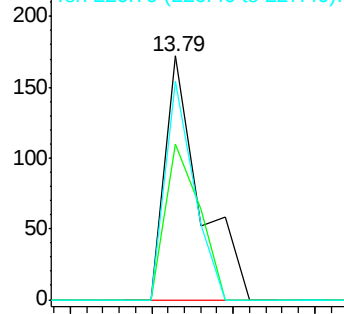
227 73.8 31.9 95.5



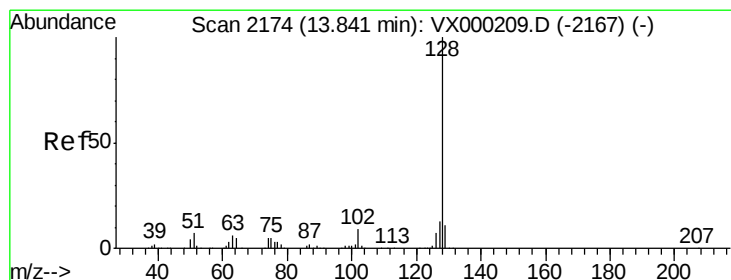
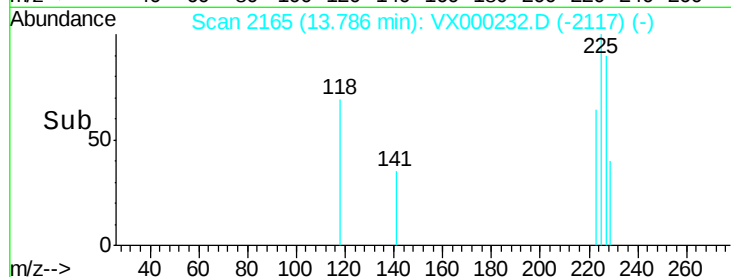
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time--> 13.76 13.78 13.80 13.82



#95

Naphthalene

Concen: 63.15 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000232.D

Acq: 08 Mar 2018 20:36

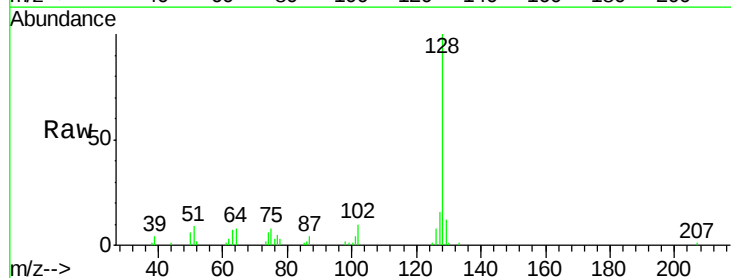
Tgt Ion:128 Resp: 13823

Ion Ratio Lower Upper

128 100

127 15.0 10.5 15.7

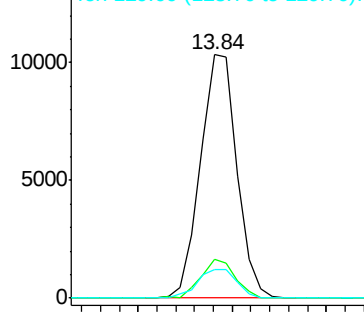
129 12.6 8.6 13.0



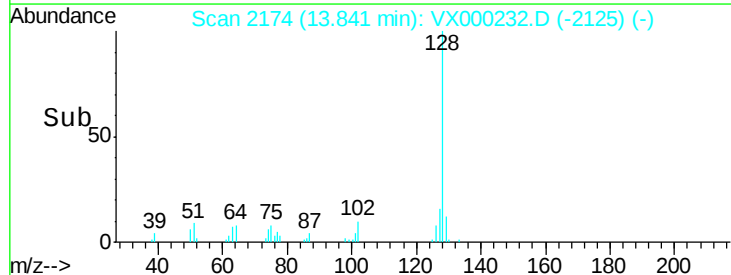
Abundance Ion 128.00 (127.70 to 128.70): V

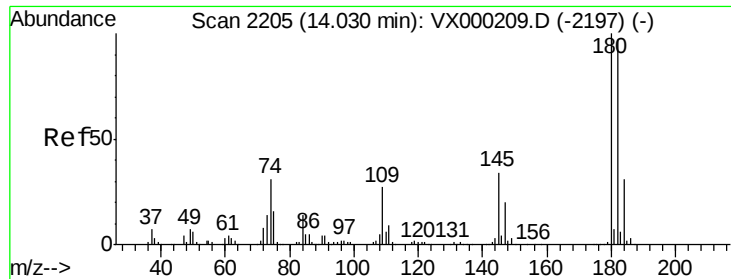
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 13.80 13.85 13.90





#96
 1,2,3-Trichlorobenzene
 Concen: 4.51 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VX000232.D
 Acq: 08 Mar 2018 20:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 280
 Ion Ratio Lower Upper
 180 100
 182 83.9 48.0 144.0
 145 15.0 16.3 48.8#

