

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000234.D
 Acq On : 08 Mar 2018 21:26
 Operator : JC/MD
 Sample : J1819-06 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

Quant Time: Mar 09 04:17:48 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	4216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	6748	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	6012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	3314	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	1853	31.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	63.42%	
35) Dibromofluoromethane	5.50	113	1486	35.06	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	70.12%	
50) Toluene-d8	8.73	98	6385	36.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.74%	
62) 4-Bromofluorobenzene	11.14	95	2066	30.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	60.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	95	2.12	ug/l #	42
5) Bromomethane	1.65	94	20	Below Cal	#	3
6) Chloroethane	1.75	64	363	10.76	ug/l #	42
8) Diethyl Ether	2.00	74	22	0.69	ug/l #	1
11) Tert butyl alcohol	3.09	59	44	2.05	ug/l #	72
13) Acrolein	2.31	56	78	6.91	ug/l #	43
14) Allyl chloride	2.75	41	281	3.42	ug/l #	78
15) Acrylonitrile	3.18	53	117	3.13	ug/l #	30
16) Acetone	2.45	43	3099	73.84	ug/l #	88
17) Carbon Disulfide	2.57	76	541	4.44	ug/l #	52
18) Methyl Acetate	2.77	43	375	4.20	ug/l #	52
20) Methylene Chloride	2.87	84	952	19.02	ug/l #	89
22) Diisopropyl ether	3.78	45	41	0.29	ug/l #	30
23) Vinyl Acetate	3.85	43	53	0.39	ug/l #	72
25) 2-Butanone	4.71	43	272	5.25	ug/l #	50
26) 2,2-Dichloropropane	4.77	77	22	0.35	ug/l #	53
29) Tetrahydrofuran	5.18	42	508	15.62	ug/l #	55
30) Chloroform	5.24	83	209	2.50	ug/l #	18
31) Cyclohexane	5.69	56	65	1.02	ug/l #	55
36) 1,1-Dichloropropene	5.81	75	50	0.83	ug/l #	41
37) Ethyl Acetate	4.89	43	58	0.67	ug/l #	69
38) Carbon Tetrachloride	5.67	117	511	8.41	ug/l #	12
39) Methylcyclohexane	7.47	83	20	0.27	ug/l #	19
41) Methacrylonitrile	5.09	41	30	0.68	ug/l #	21
43) Isopropyl Acetate	6.49	43	1313	10.47	ug/l #	77
47) Bromodichloromethane	7.91	83	113	1.85	ug/l #	26
48) Methyl methacrylate	7.82	41	23	0.37	ug/l #	1
51) 4-Methyl-2-Pentanone	8.63	43	537	5.67	ug/l #	37
52) Toluene	8.80	92	30	0.25	ug/l #	1
53) t-1,3-Dichloropropene	8.63	75	27	0.38	ug/l #	44
56) Ethyl methacrylate	9.05	69	22	0.31	ug/l #	1
57) 1,3-Dichloropropane	9.39	76	26	0.32	ug/l #	42
59) 2-Hexanone	9.51	43	125	1.55	ug/l	92
64) Tetrachloroethene	9.34	164	89	2.12	ug/l #	1

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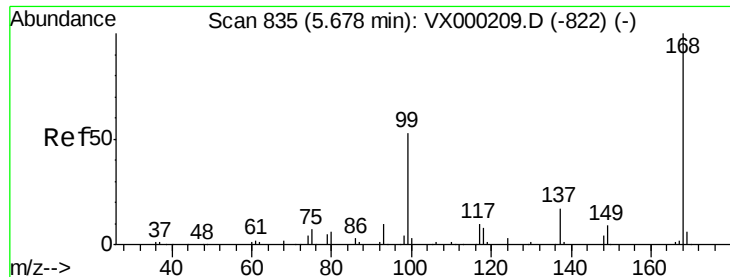
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

Quant Time: Mar 09 04:17:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

65) Chlorobenzene	10.15	112	33	0.27	ug/l #	43
67) Ethyl Benzene	10.26	91	207	0.98	ug/l #	43
68) m/p-Xylenes	10.37	106	208	2.55	ug/l	93
70) Styrene	10.73	104	105	0.81	ug/l #	25
73) Isopropylbenzene	11.03	105	100	0.48	ug/l #	48
74) N-amyl acetate	6.49	43	1313	12.37	ug/l #	78
76) 1,2,3-Trichloropropane	11.14	75	1303	19.61	ug/l #	32
78) n-propylbenzene	11.37	91	310	1.27	ug/l	83
79) 2-Chlorotoluene	11.43	91	146	1.06	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.52	105	265	1.53	ug/l #	63
81) trans-1,4-Dichloro-2-buten	11.14	75	1303	60.06	ug/l #	10
82) 4-Chlorotoluene	11.52	91	94	0.56	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.81	105	495	2.78	ug/l	89
85) sec-Butylbenzene	11.96	105	283	1.33	ug/l #	56
86) p-Isopropyltoluene	12.07	119	288	1.53	ug/l #	59
87) 1,3-Dichlorobenzene	12.04	146	240	2.35	ug/l #	54
88) 1,4-Dichlorobenzene	12.11	146	287	2.69	ug/l #	68
89) n-Butylbenzene	12.40	91	434	2.40	ug/l	85
90) Hexachloroethane	12.76	117	19	0.63	ug/l #	11
91) 1,2-Dichlorobenzene	12.40	146	52	0.51	ug/l #	66
93) 1,2,4-Trichlorobenzene	13.65	180	291	3.96	ug/l #	58
94) Hexachlorobutadiene	13.79	225	59	1.93	ug/l #	18
95) Naphthalene	13.84	128	21795	85.03	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	74	1.02	ug/l	71

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 836

Delta R.T. 0.01 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

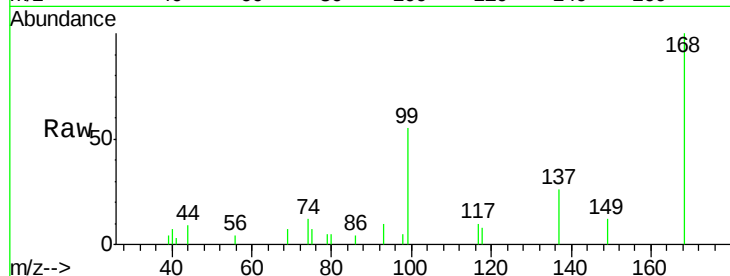
TP-11

Tot Ion:168 Resp: 4216

Ion Ratio Lower Upper

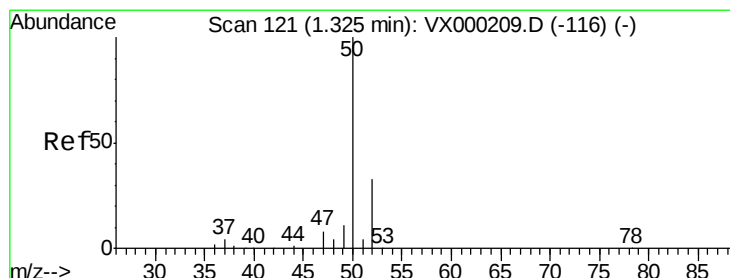
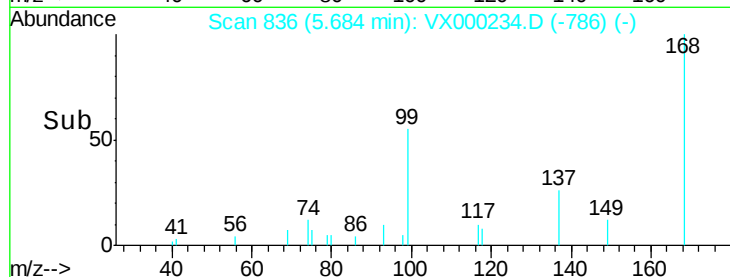
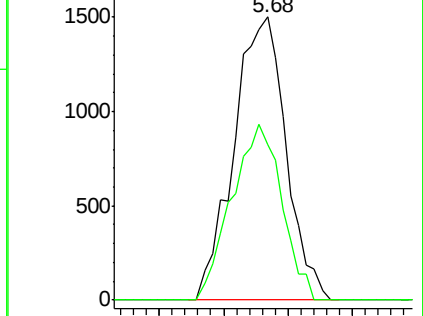
168 100

99 54.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 2.12 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000234.D

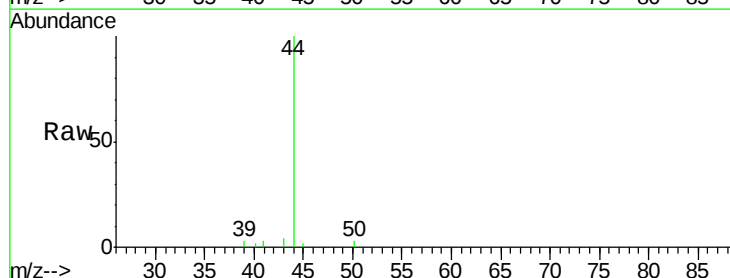
Acq: 08 Mar 2018 21:26

Tgt Ion: 50 Resp: 95

Ion Ratio Lower Upper

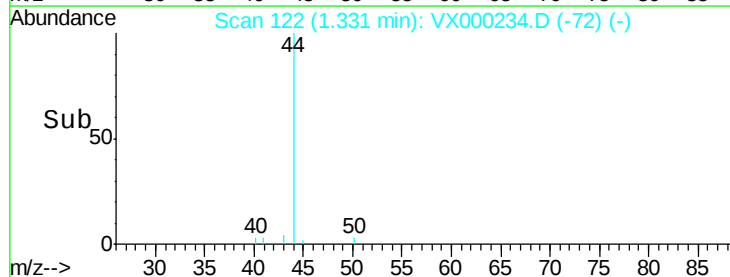
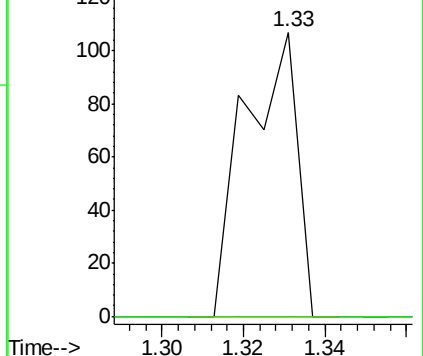
50 100

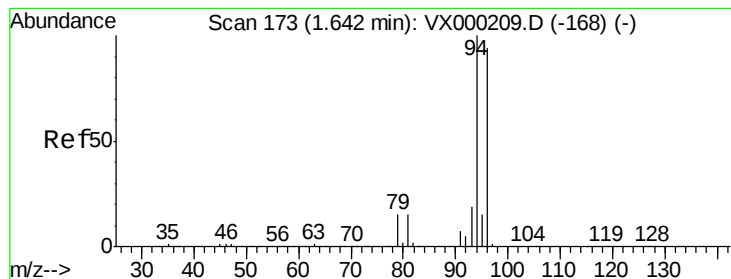
52 0.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

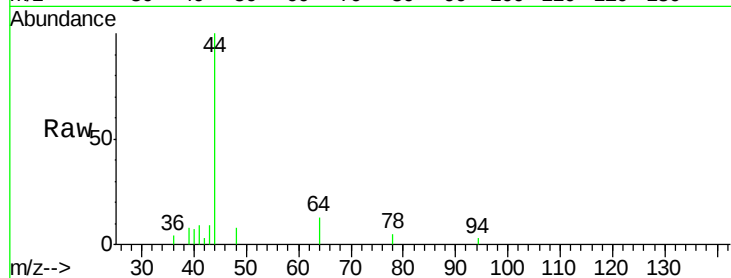
TP-11

Tot Ion: 94 Resp: 20

Ion Ratio Lower Upper

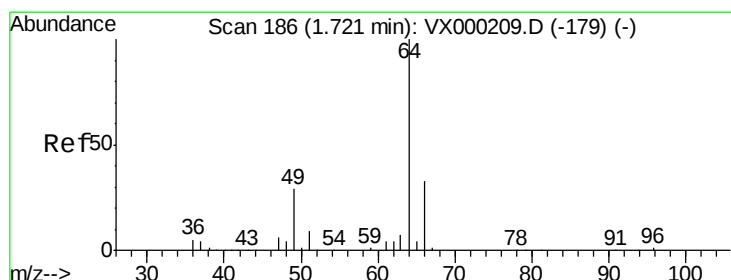
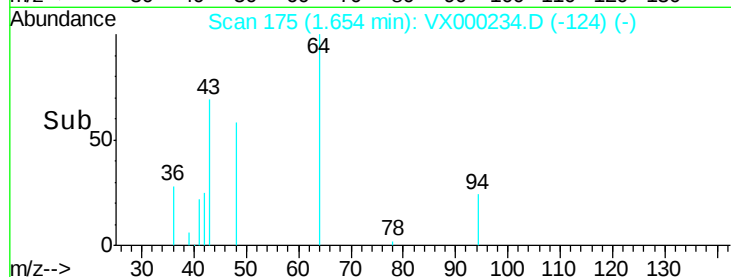
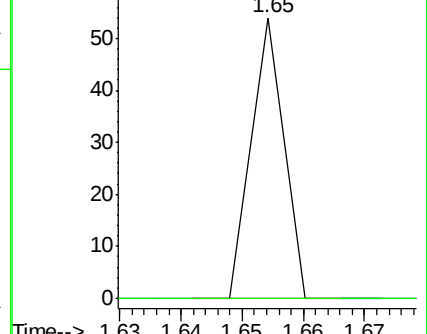
94 100

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: 10.76 ug/l

RT: 1.75 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX000234.D

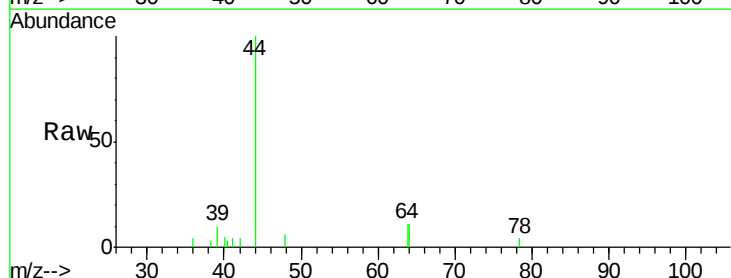
Acq: 08 Mar 2018 21:26

Tgt Ion: 64 Resp: 363

Ion Ratio Lower Upper

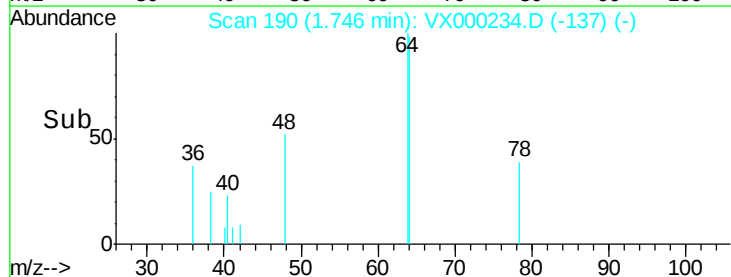
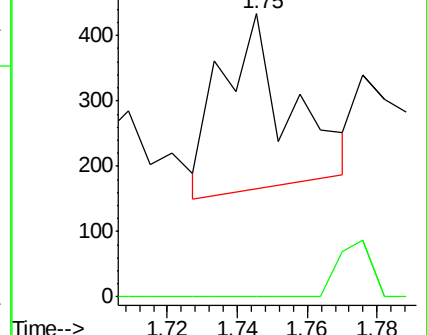
64 100

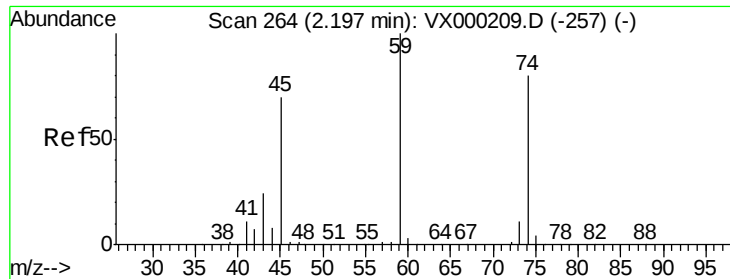
66 0.0 26.2 39.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.69 ug/l

RT: 2.00 min Scan# 231

Delta R.T. -0.20 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

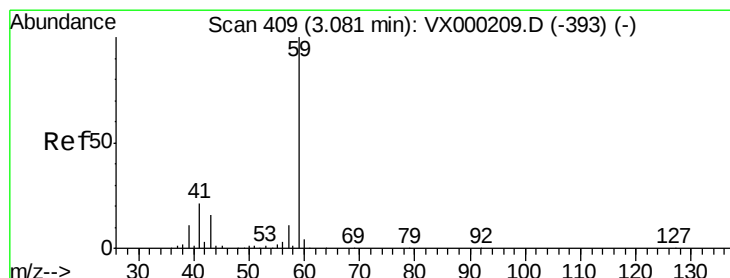
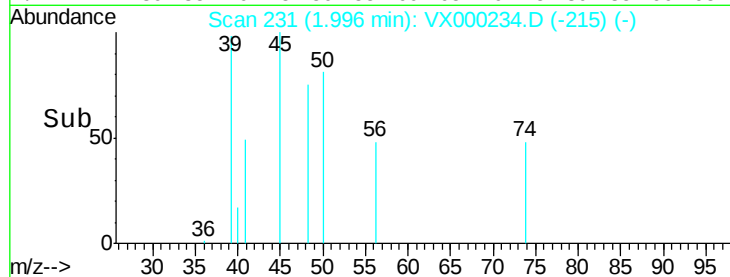
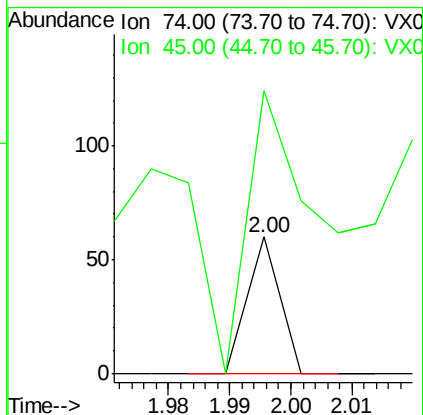
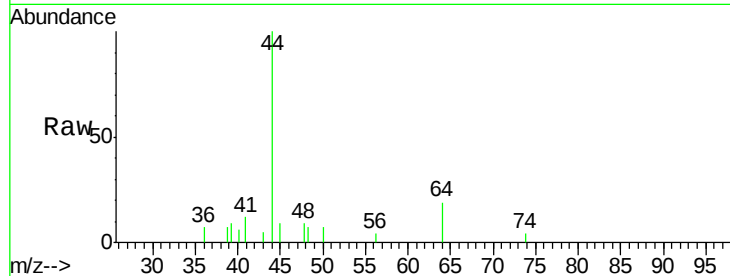
TP-11

Tot Ion: 74 Resp: 22

Ion Ratio Lower Upper

74 100

45 718.2 47.2 141.6#



#11

Tert butyl alcohol

Concen: 2.05 ug/l

RT: 3.09 min Scan# 411

Delta R.T. 0.01 min

Lab File: VX000234.D

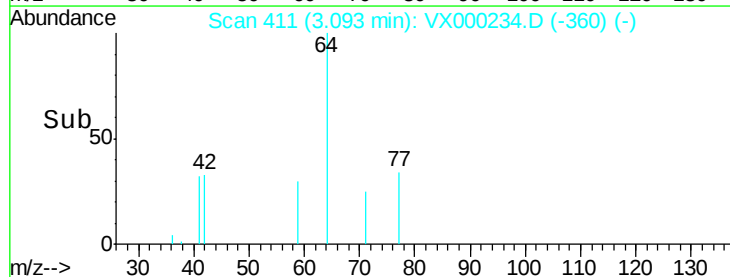
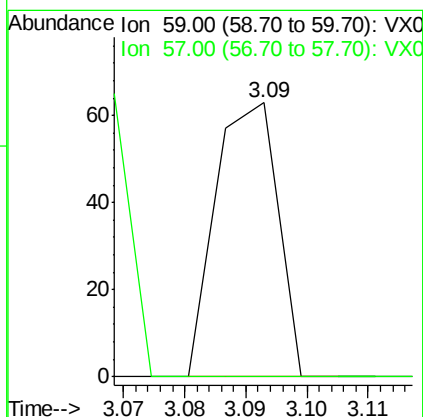
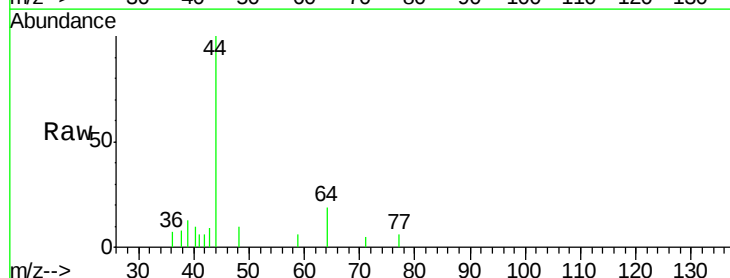
Acq: 08 Mar 2018 21:26

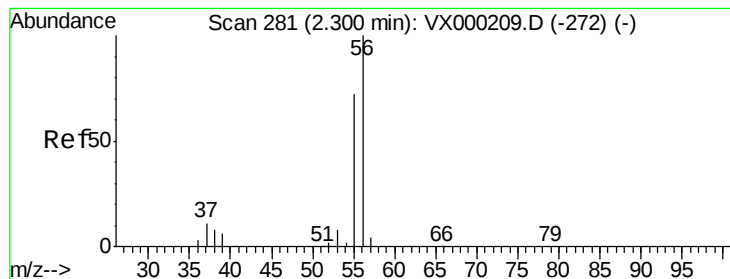
Tgt Ion: 59 Resp: 44

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#





#13

Acrolein

Concen: 6.91 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

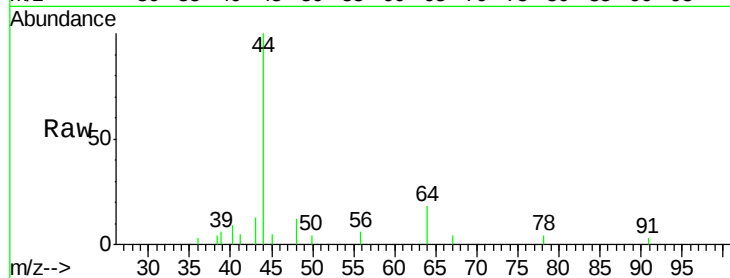
TP-11

Tot Ion: 56 Resp: 78

Ion Ratio Lower Upper

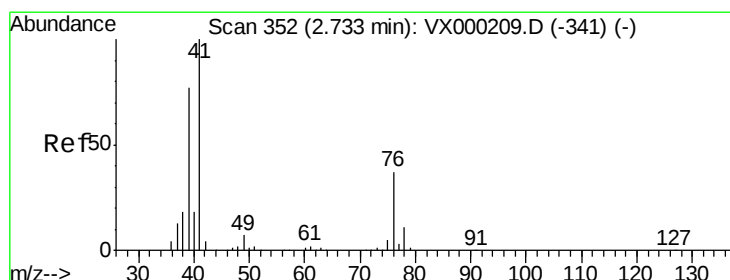
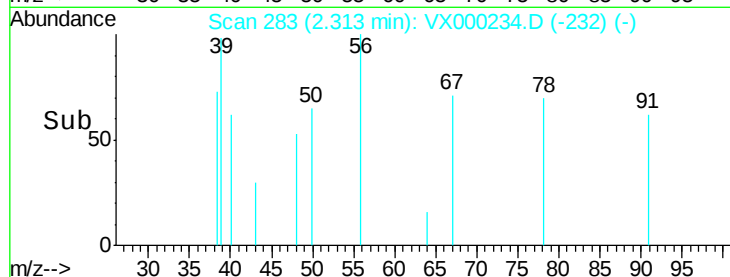
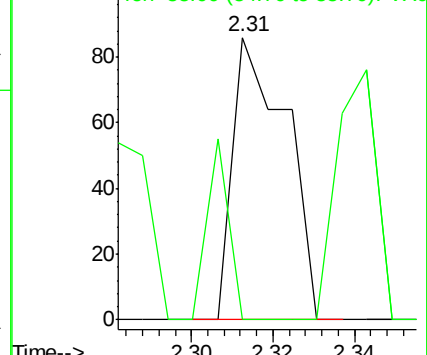
56 100

55 25.6 59.2 88.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 3.42 ug/l

RT: 2.75 min Scan# 354

Delta R.T. 0.01 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

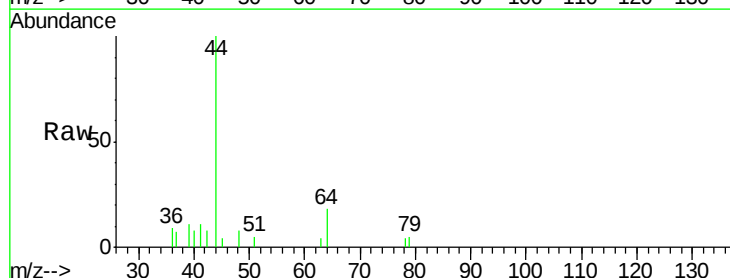
Tgt Ion: 41 Resp: 281

Ion Ratio Lower Upper

41 100

39 66.9 57.0 85.6

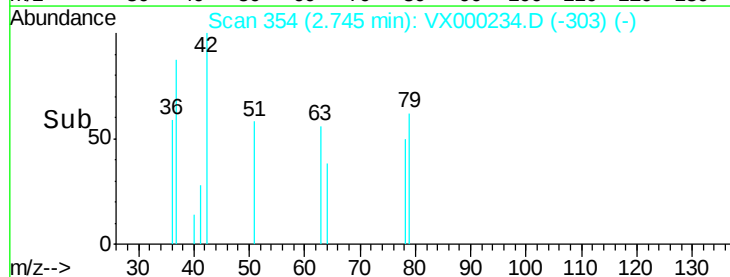
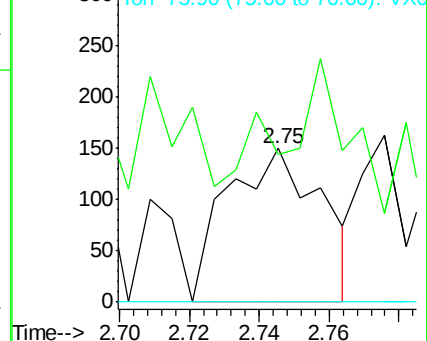
76 0.0 26.8 40.2#

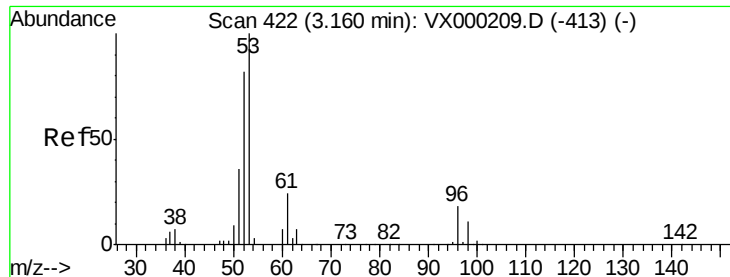


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 3.13 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.02 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

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ClientSampled :

TP-11

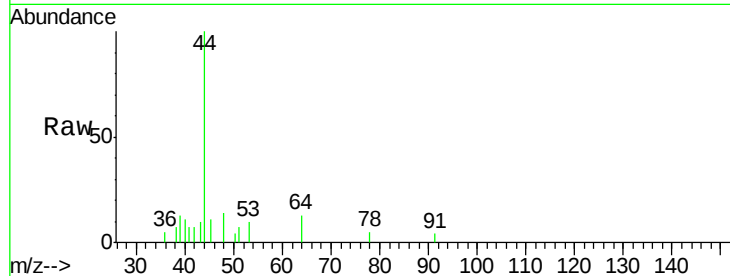
Tot Ion: 53 Resp: 117

Ion Ratio Lower Upper

53 100

52 0.0 66.3 99.5#

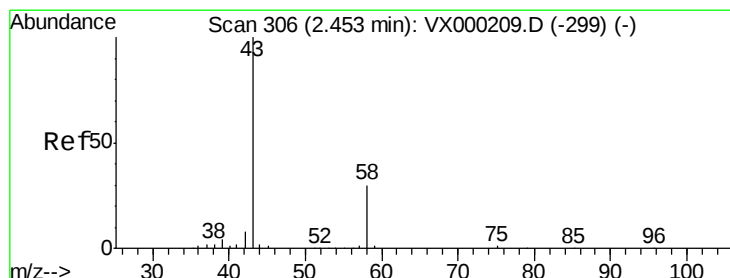
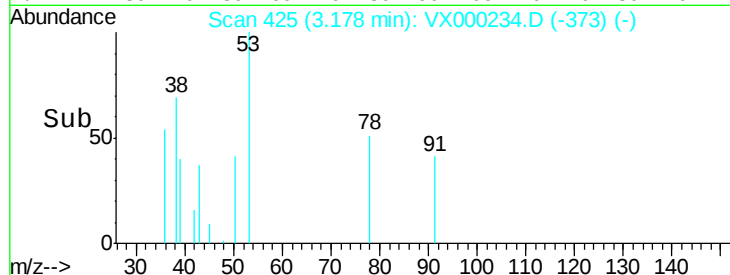
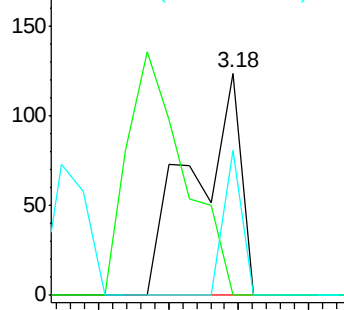
51 25.6 29.6 44.4#



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: 73.84 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000234.D

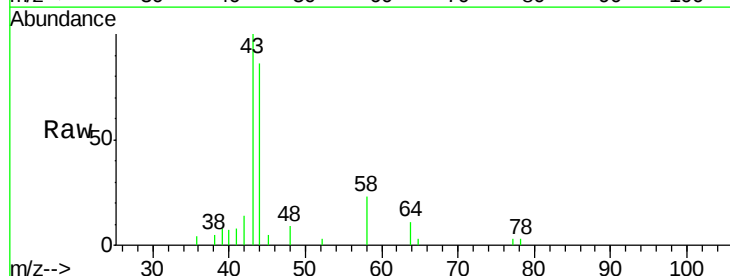
Acq: 08 Mar 2018 21:26

Tgt Ion: 43 Resp: 3099

Ion Ratio Lower Upper

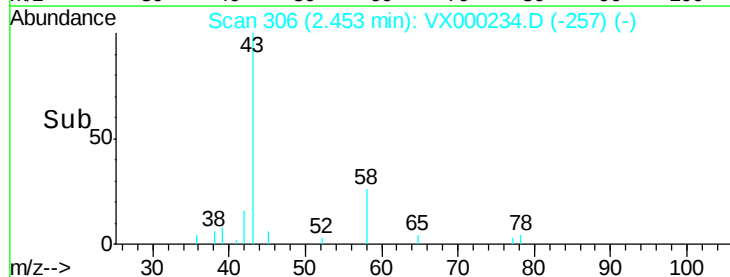
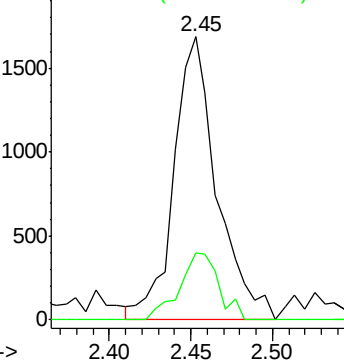
43 100

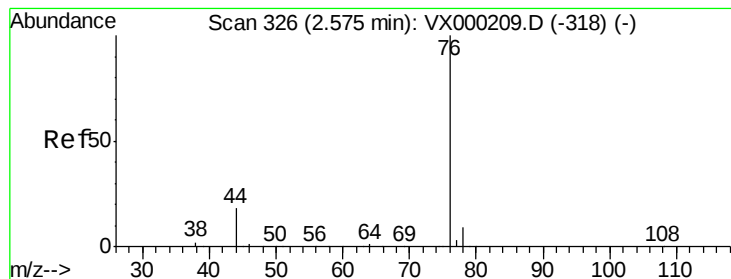
58 23.5 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 4.44 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

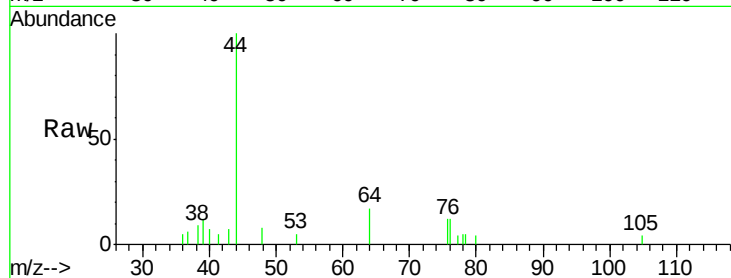
TP-11

Tot Ion: 76 Resp: 541

Ion Ratio Lower Upper

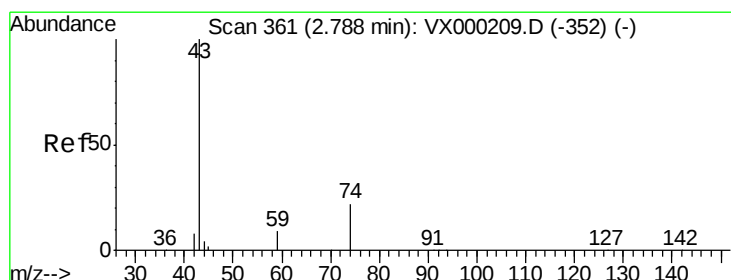
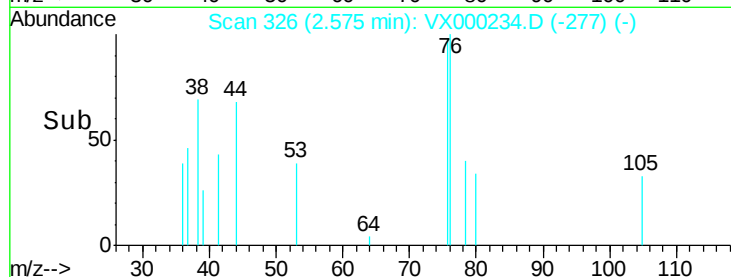
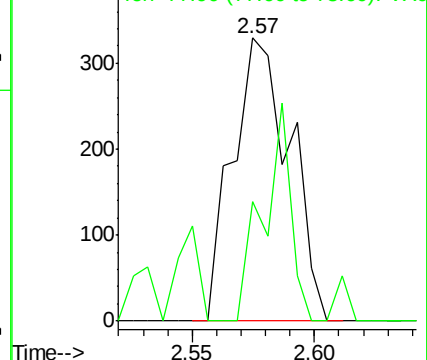
76 100

78 26.1 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 4.20 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.02 min

Lab File: VX000234.D

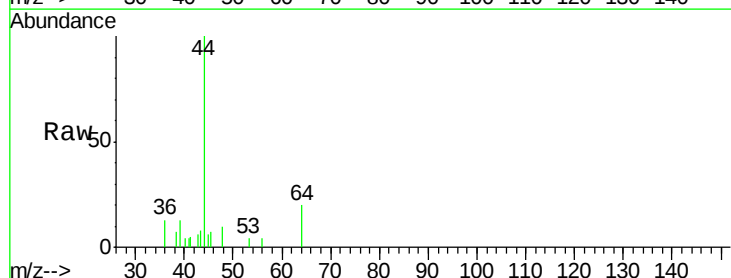
Acq: 08 Mar 2018 21:26

Tgt Ion: 43 Resp: 375

Ion Ratio Lower Upper

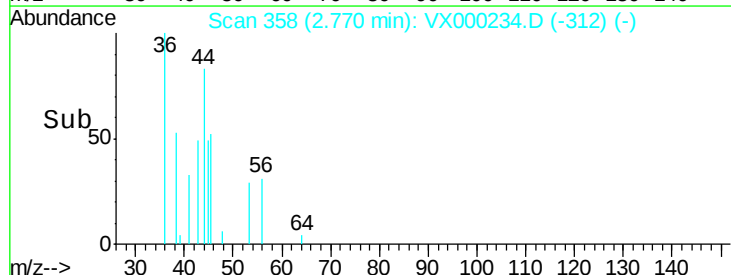
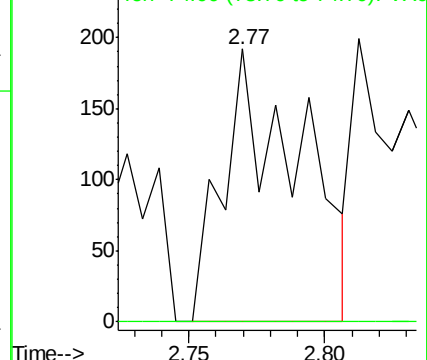
43 100

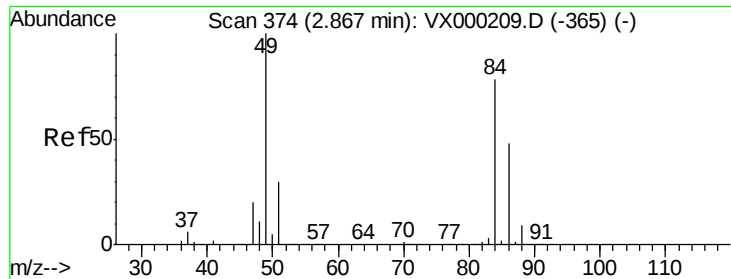
74 0.0 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

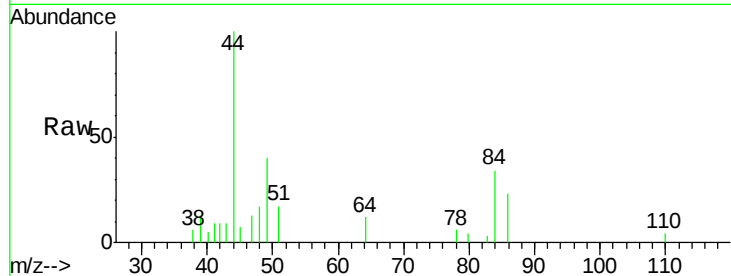




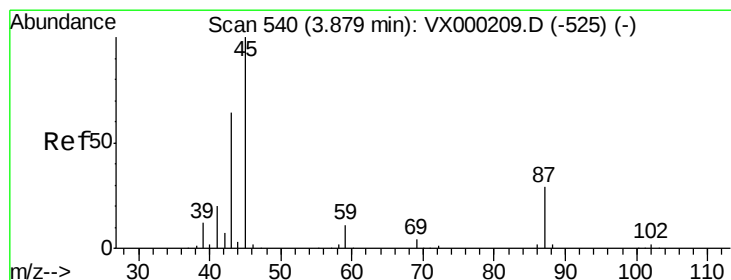
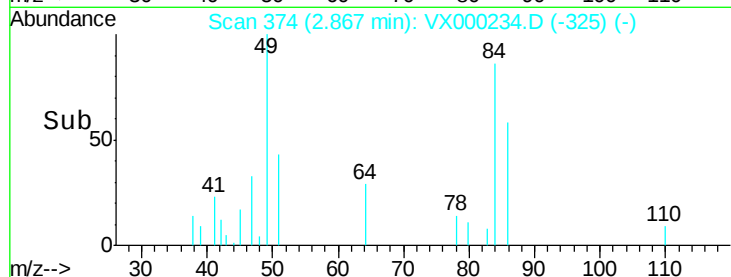
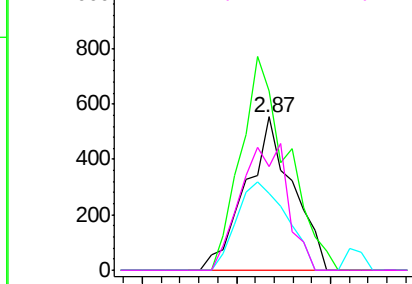
#20
Methvlene Chloride
Concen: 19.02 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

Instrument :
MSVOA_X
ClientSampled :
TP-11

Tot Ion: 84 Resp: 952
Ion Ratio Lower Upper
84 100
49 116.6 102.1 153.1
51 49.9 30.6 45.8#
86 67.8 49.0 73.6

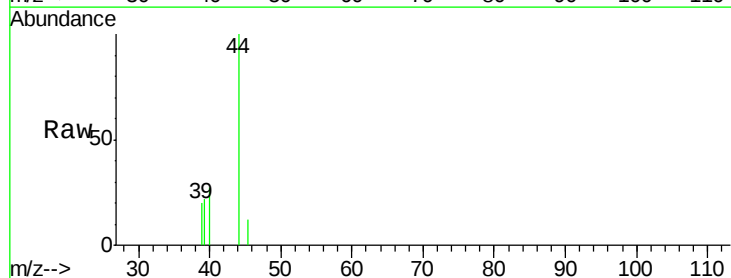


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

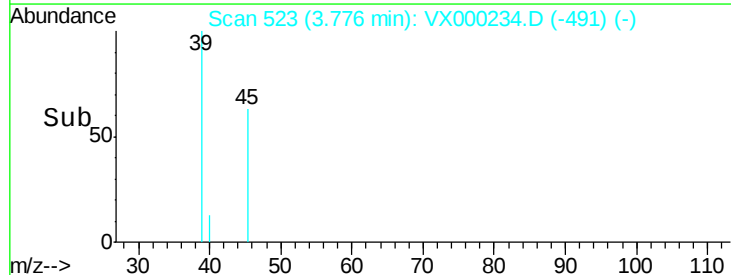
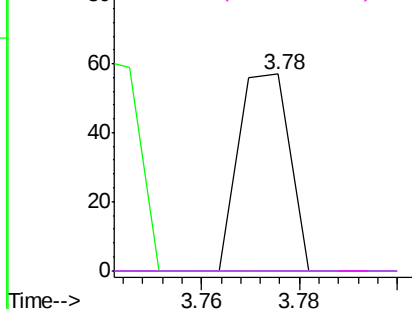


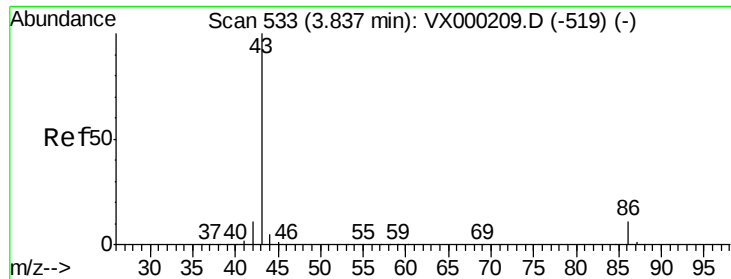
#22
Diisopropyl ether
Concen: 0.29 ug/l
RT: 3.78 min Scan# 523
Delta R.T. -0.10 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

Tgt Ion: 45 Resp: 41
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#



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: 0.39 ug/l

RT: 3.85 min Scan# 536

Delta R.T. 0.02 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

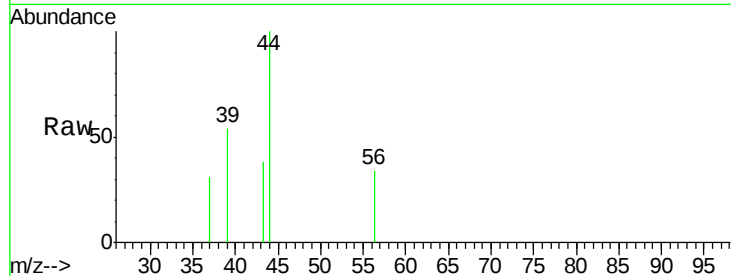
TP-11

Tot Ion: 43 Resp: 53

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.85

100

80

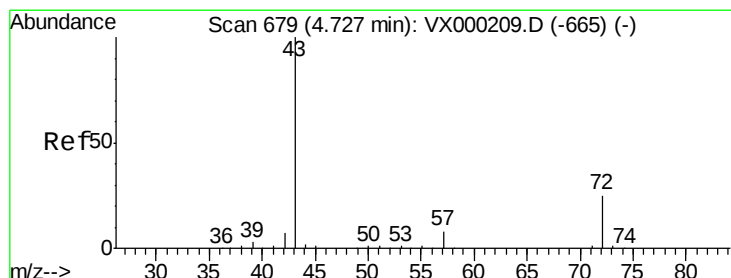
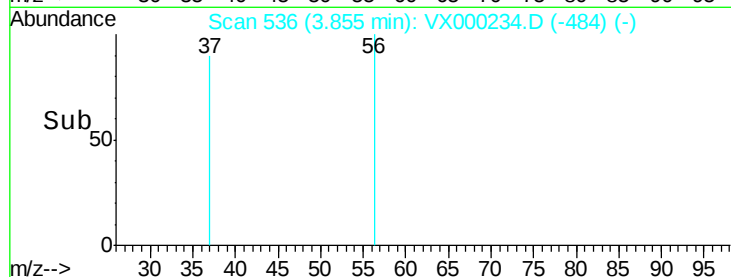
60

40

20

0

Time-->



#25

2-Butanone

Concen: 5.25 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000234.D

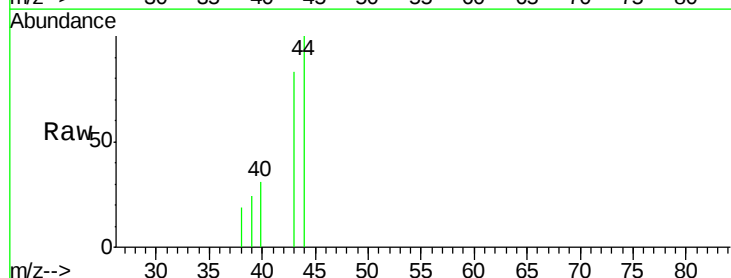
Acq: 08 Mar 2018 21:26

Tgt Ion: 43 Resp: 272

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

300

250

200

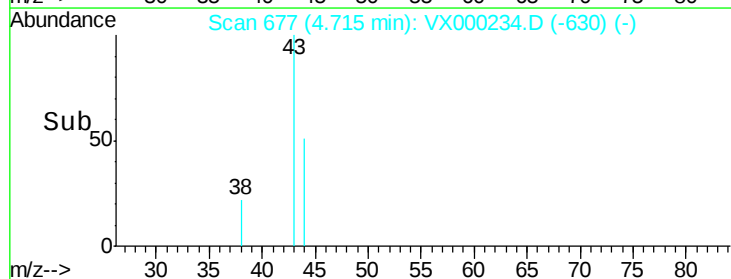
150

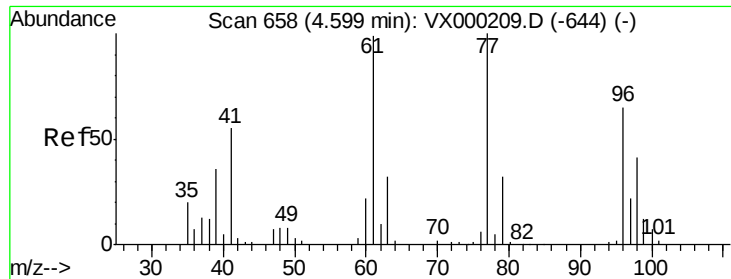
100

50

0

Time-->





#26

2,2-Dichloropropane

Concen: 0.35 ug/l

RT: 4.77 min Scan# 686

Delta R.T. 0.17 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

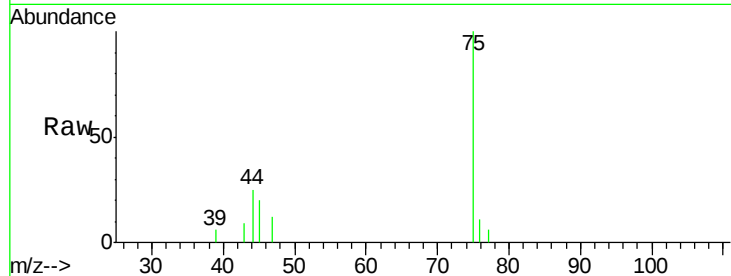
TP-11

Tot Ion: 77 Resp: 22

Ion Ratio Lower Upper

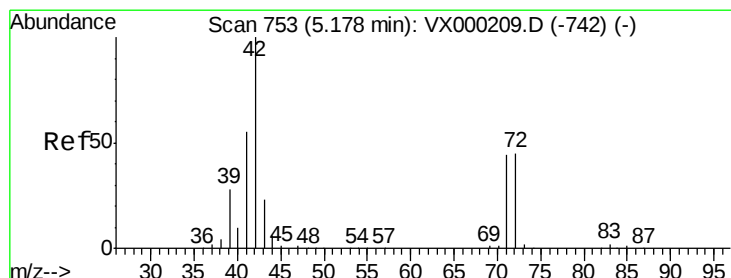
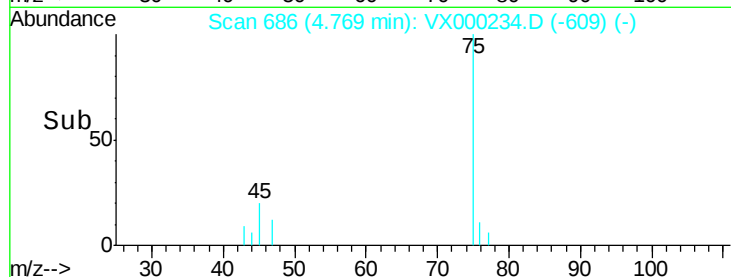
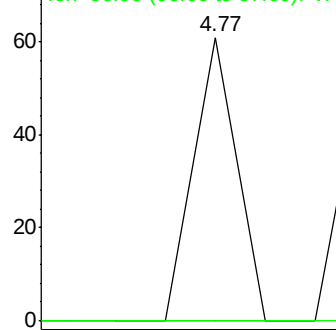
77 100

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: 15.62 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

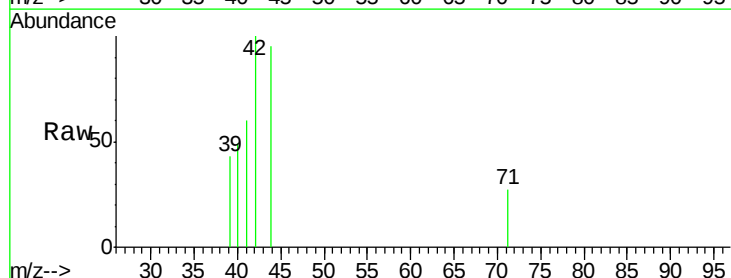
Tgt Ion: 42 Resp: 508

Ion Ratio Lower Upper

42 100

72 17.9 37.3 55.9#

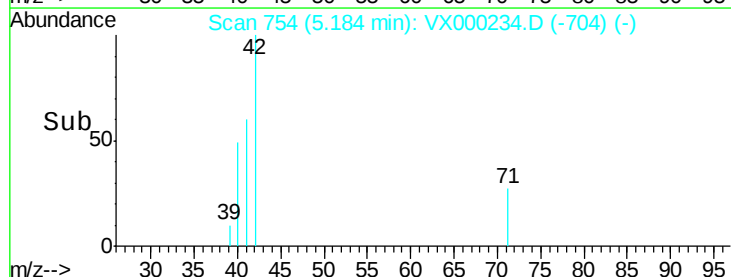
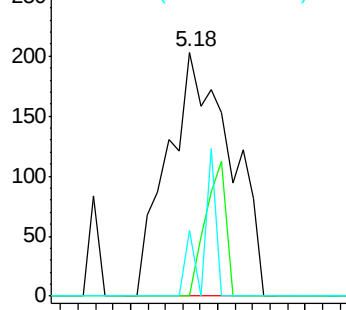
71 12.8 35.0 52.4#

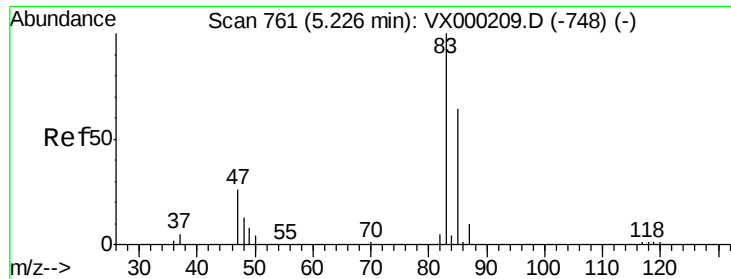


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

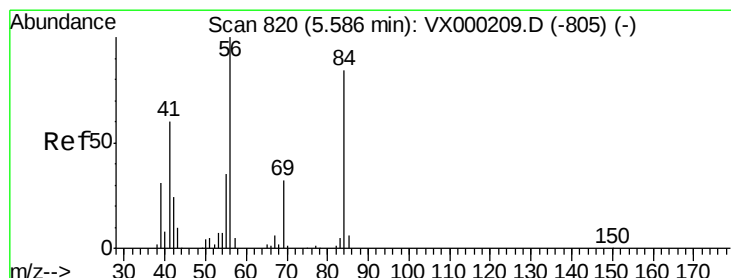
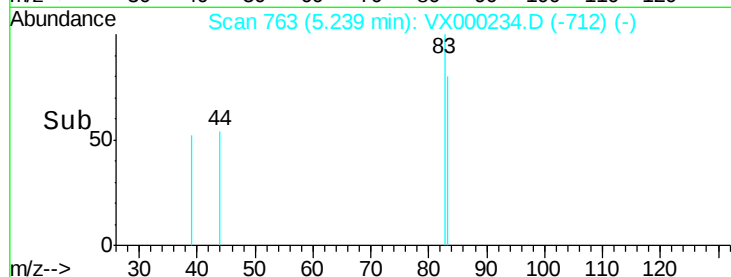
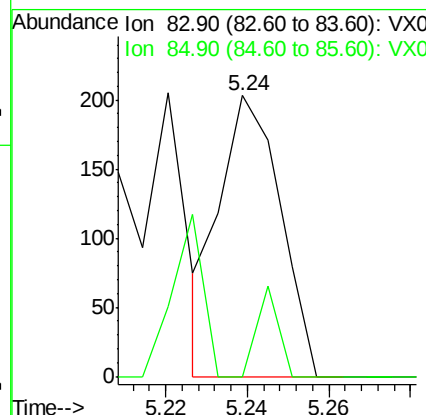
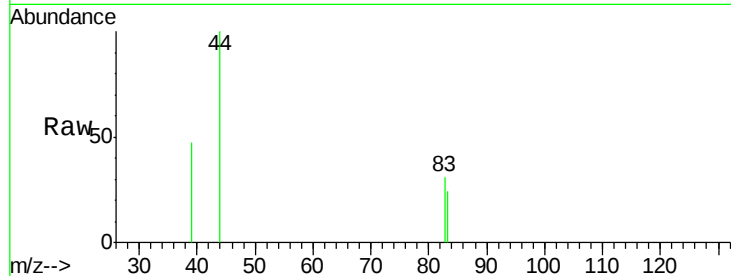




#30
Chloroform
Concen: 2.50 ug/l
RT: 5.24 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

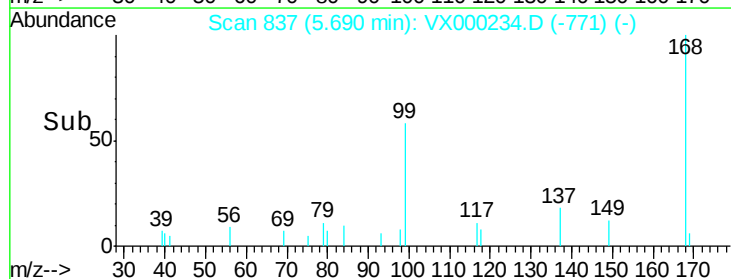
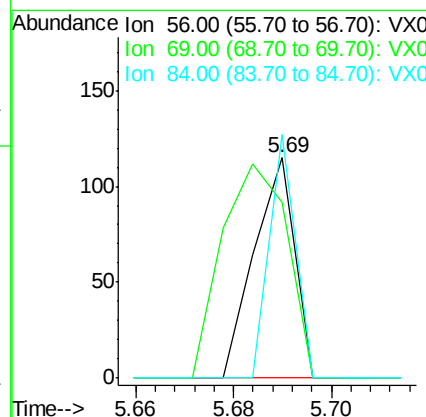
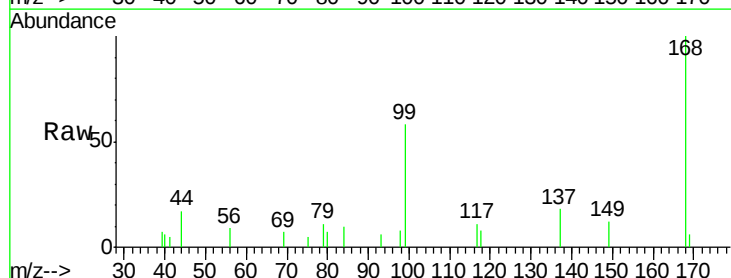
Instrument :
MSVOA_X
ClientSampled :
TP-11

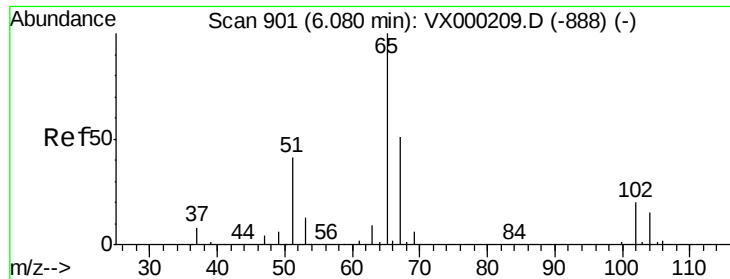
Tot Ion: 83 Resp: 209
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.6#



#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.69 min Scan# 837
Delta R.T. 0.10 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
69 80.0 25.3 37.9#
84 110.4 67.2 100.8#

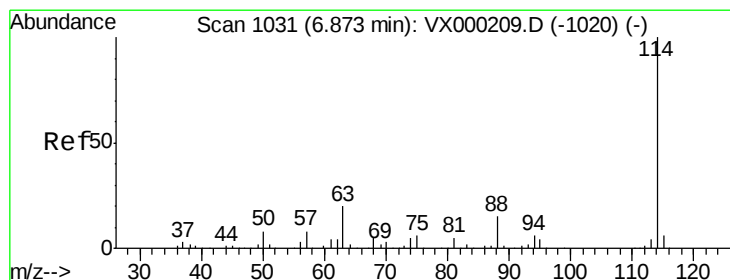
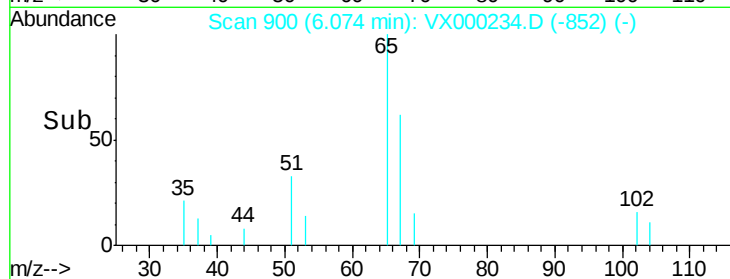
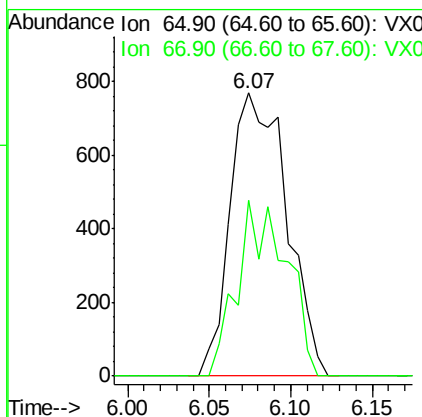
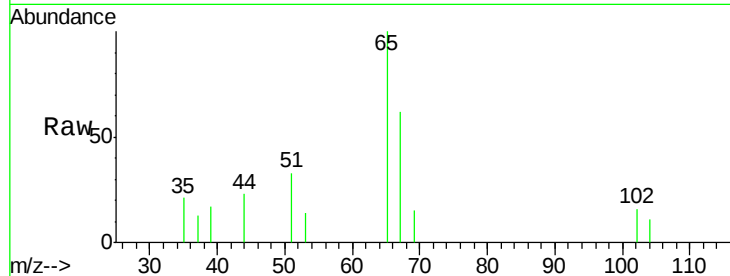




#33
 1,2-Dichloroethane-d4
 Concen: 31.71 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

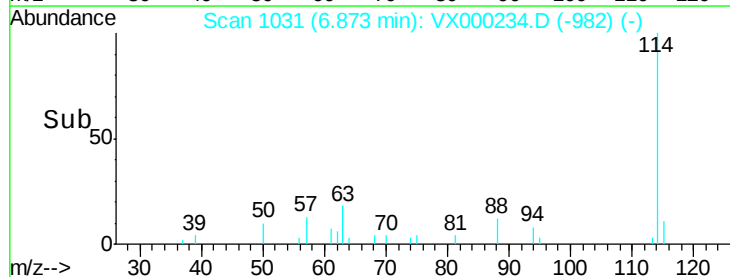
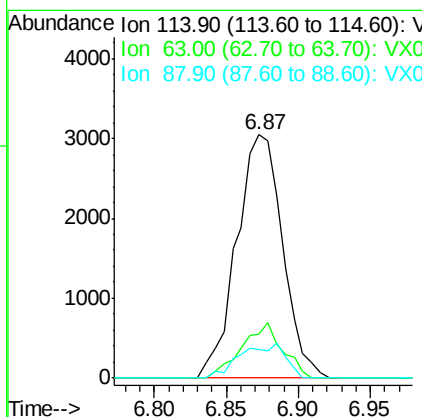
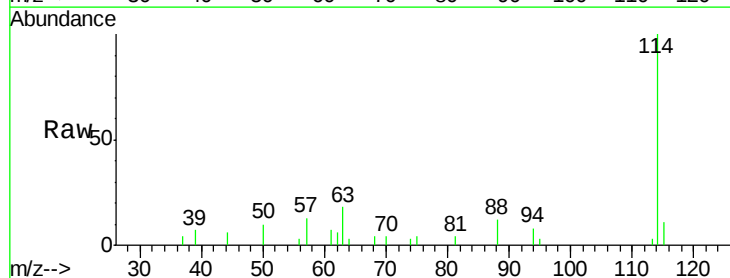
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

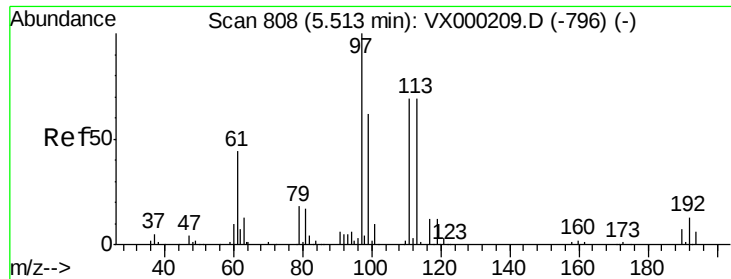
Tot Ion: 65 Resp: 1853
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

Tgt Ion: 114 Resp: 6748
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 11.8 0.0 29.8

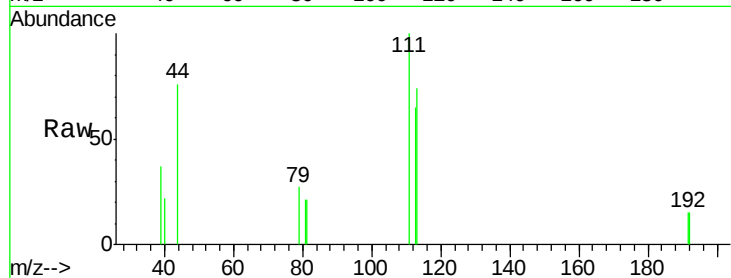




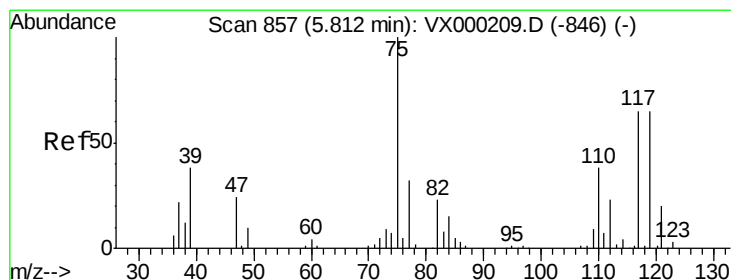
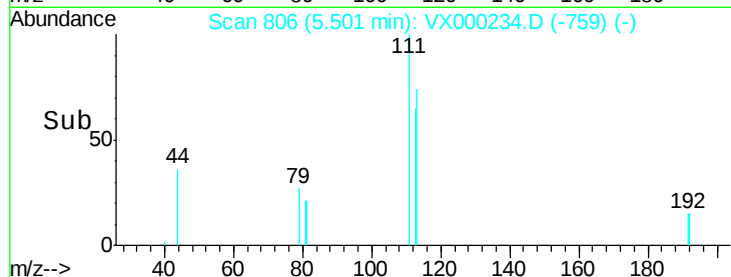
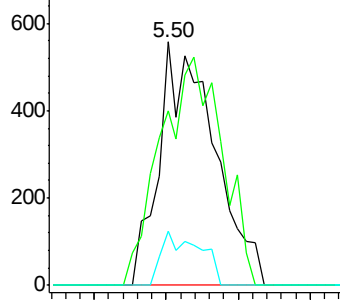
#35
 Dibromofluoromethane
 Concen: 35.06 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

Instrument :
 MSVOA_X
 ClientSampled :
 TP-11

Tot Ion:113 Resp: 1486
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.0 124.6
 192 15.3 15.5 23.3#

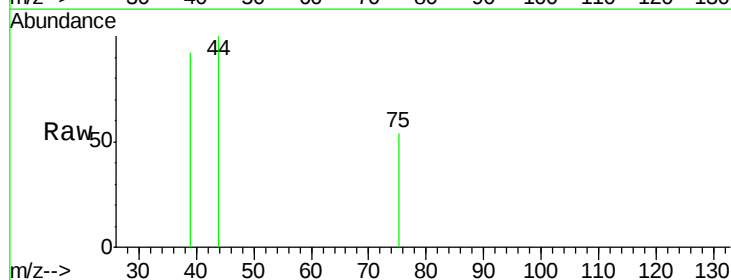


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

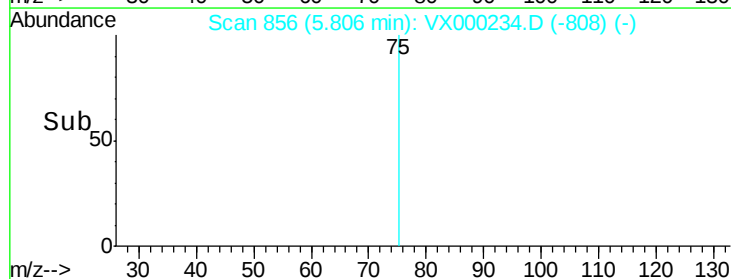
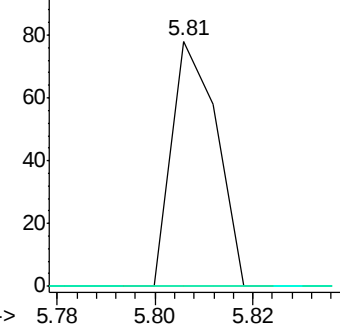


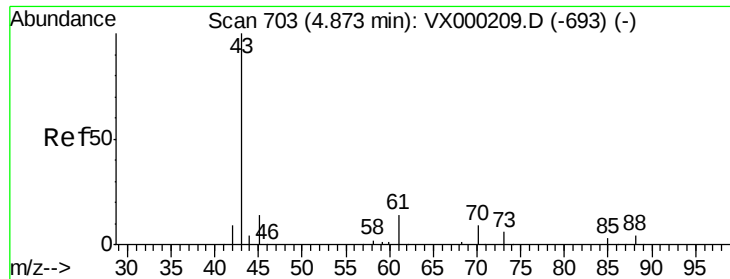
#36
 1,1-Dichloropropene
 Concen: 0.83 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

Tgt Ion: 75 Resp: 50
 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: 0.67 ug/l

RT: 4.89 min Scan# 706

Delta R.T. 0.02 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

TP-11

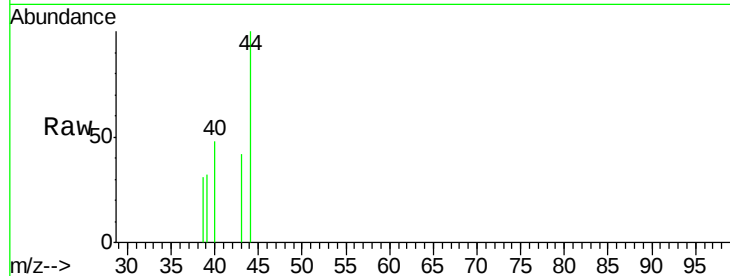
Tot Ion: 43 Resp: 58

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

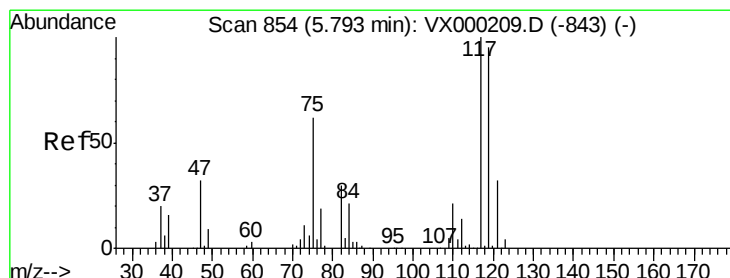
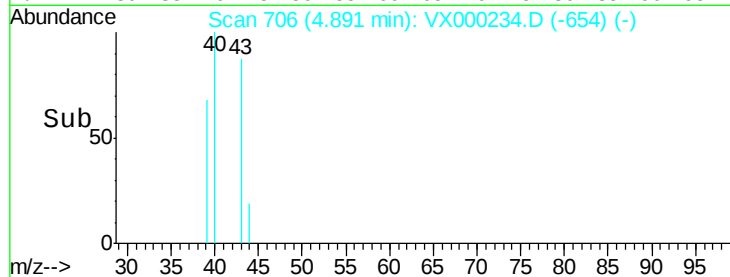
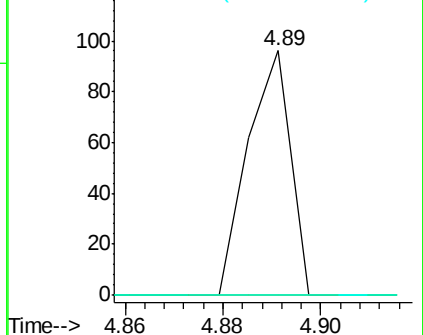
70 0.0 7.8 11.6#



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: 8.41 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

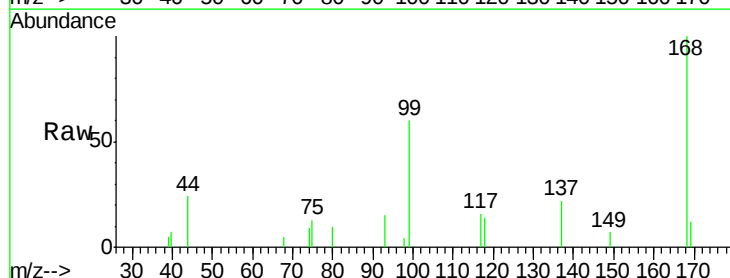
Tgt Ion: 117 Resp: 511

Ion Ratio Lower Upper

117 100

119 0.0 75.9 113.9#

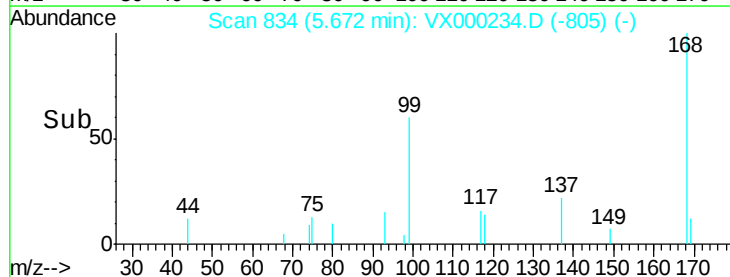
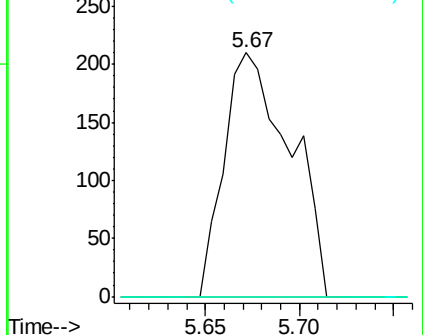
121 0.0 25.8 38.6#

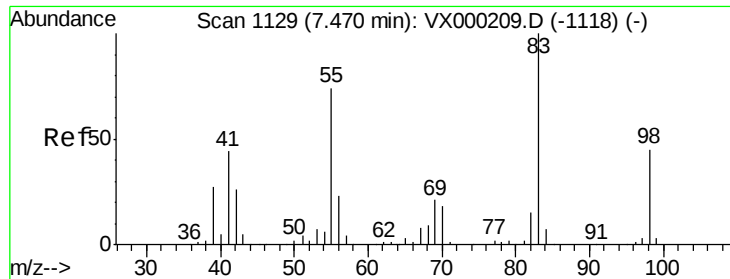


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

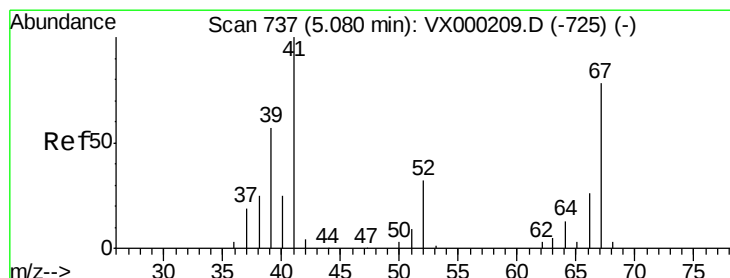
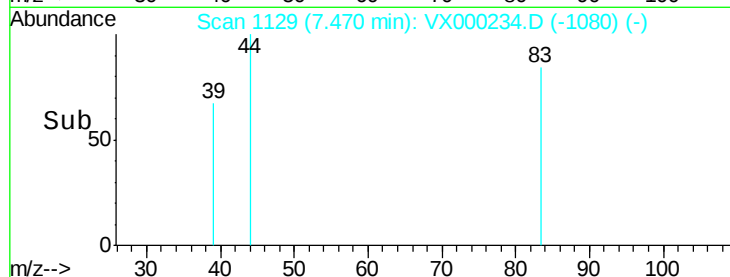
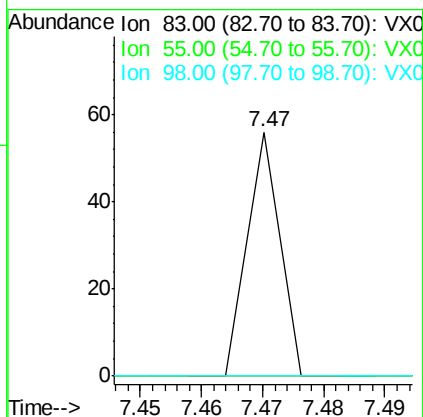
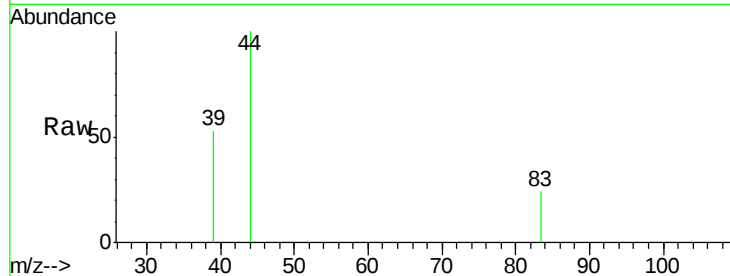




#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

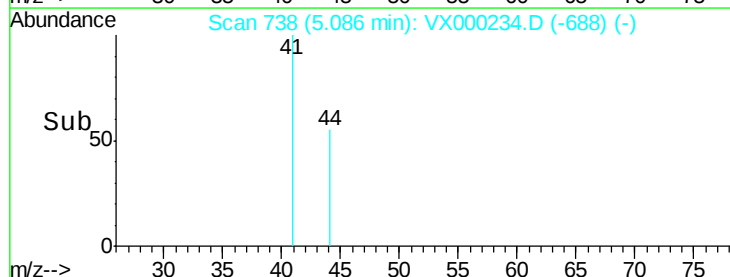
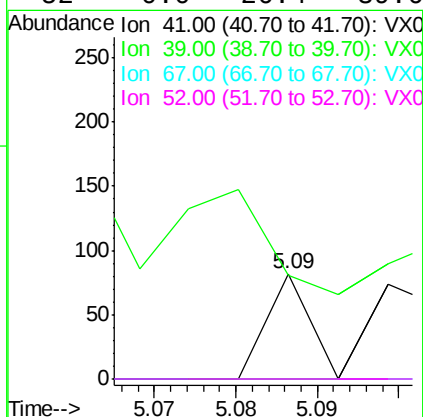
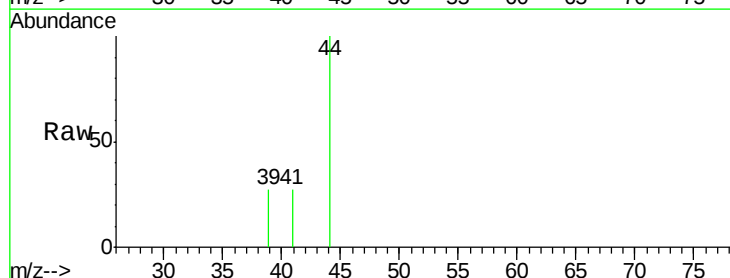
Instrument :
MSVOA_X
ClientSampleId :
TP-11

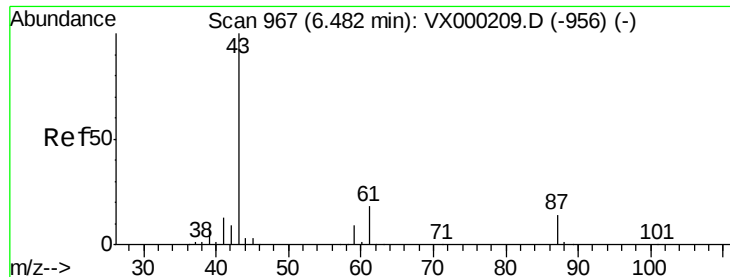
Tot Ion: 83 Resp: 20
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 36.3 54.5#



#41
Methacrylonitrile
Concen: 0.68 ug/l
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

Tgt Ion: 41 Resp: 30
Ion Ratio Lower Upper
41 100
39 0.0 47.8 71.6#
67 0.0 59.3 88.9#
52 0.0 26.4 39.6#



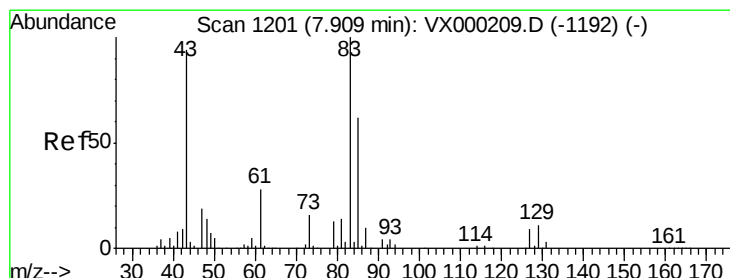
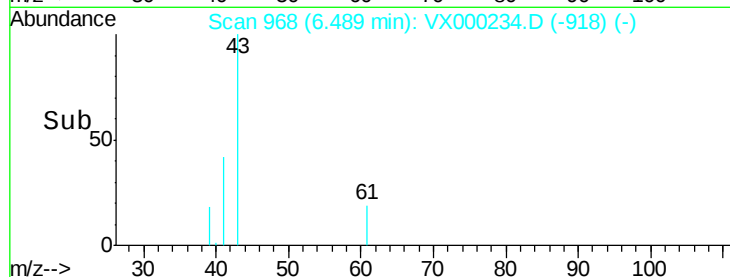
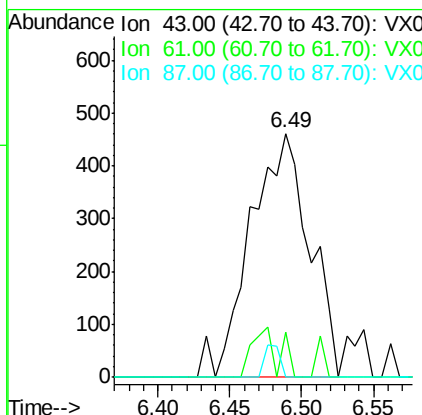
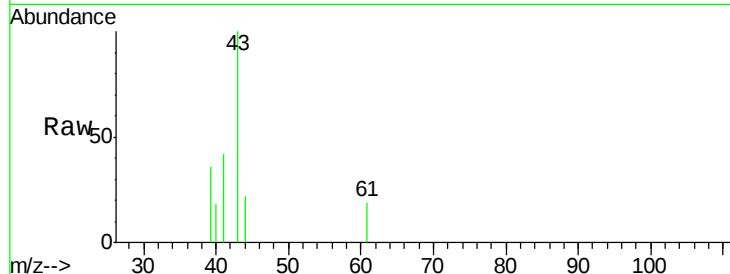


#43

Isopropyl Acetate
 Concen: 10.47 ug/l
 RT: 6.49 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

Instrument :
 MSVOA_X
 ClientSampled :
 TP-11

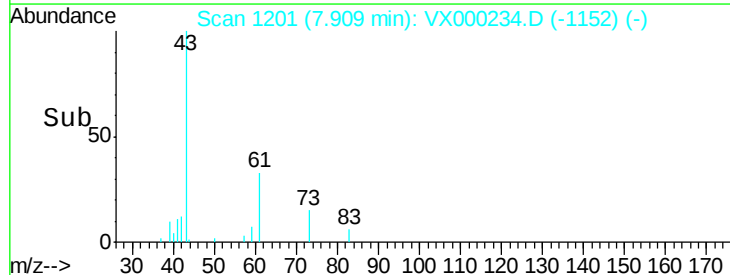
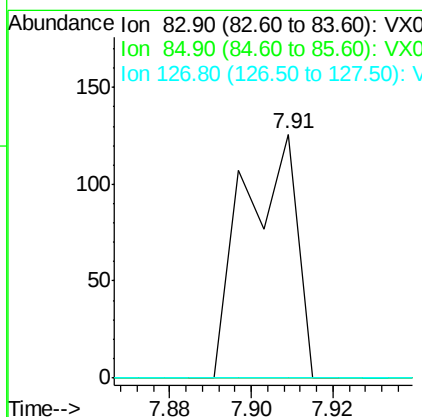
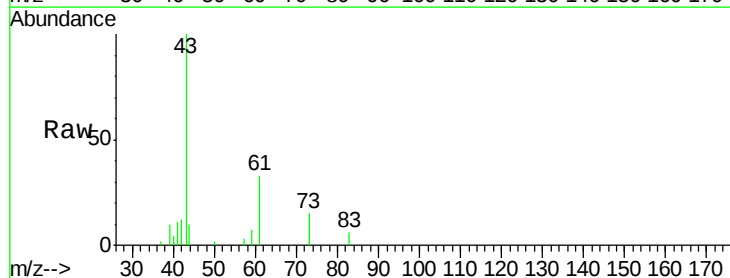
Tot Ion	43	Resp	1313
Ion Ratio	Lower	Upper	
43	100		
61	8.8	14.8	22.2#
87	3.4	10.6	16.0#

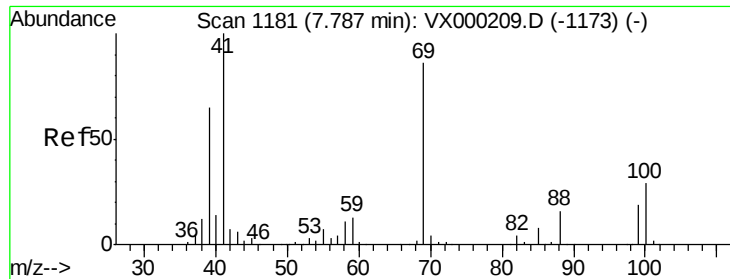


#47

Bromodichloromethane
 Concen: 1.85 ug/l
 RT: 7.91 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

Tgt Ion	83	Resp	113
Ion Ratio	Lower	Upper	
83	100		
85	0.0	49.6	74.4#
127	0.0	7.0	10.4#

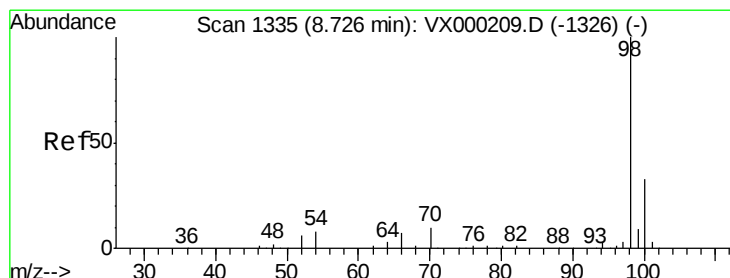
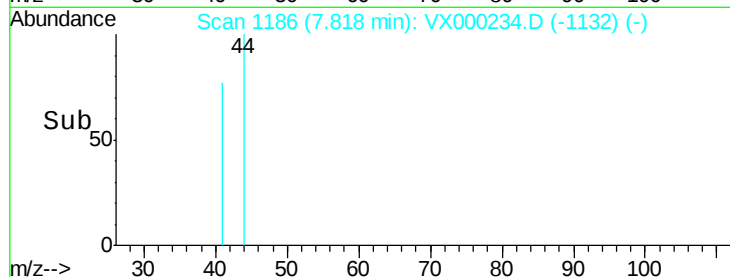
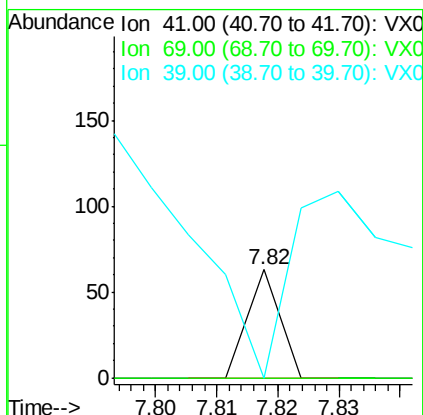
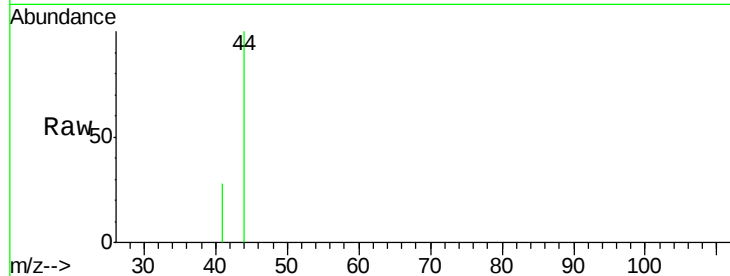




#48
Methvl methacrylate
Concen: 0.37 ug/l
RT: 7.82 min Scan# 1186
Delta R.T. 0.03 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

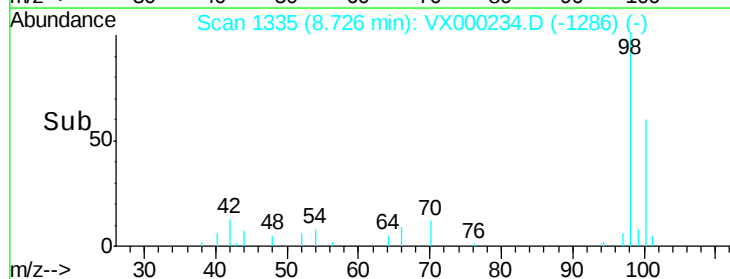
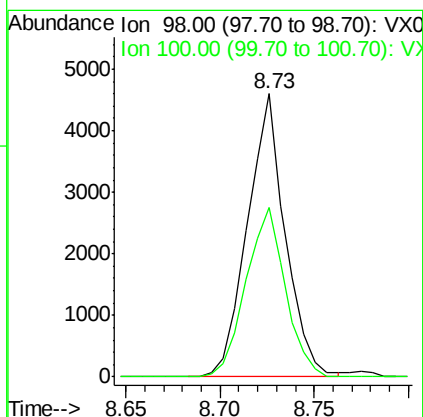
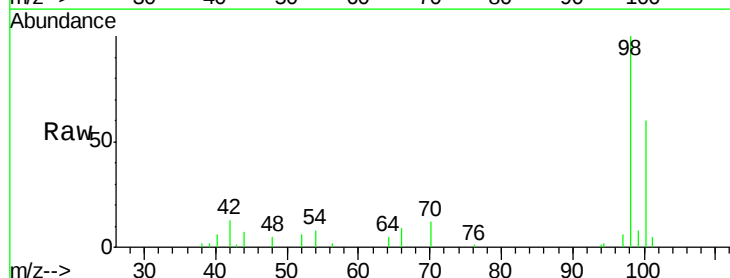
Instrument :
MSVOA_X
ClientSampled :
TP-11

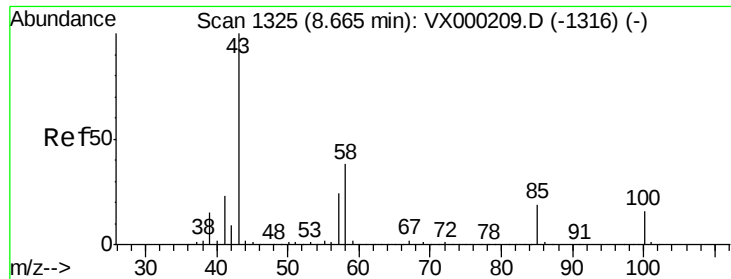
Tot Ion: 41 Resp: 23
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 834.8 53.6 80.4#



#50
Toluene-d8
Concen: 36.37 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

Tgt Ion: 98 Resp: 6385
Ion Ratio Lower Upper
98 100
100 62.2 51.2 76.8

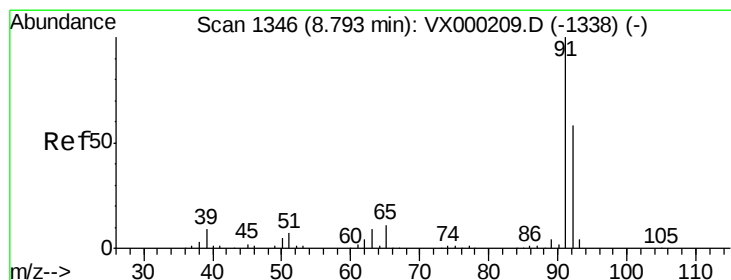
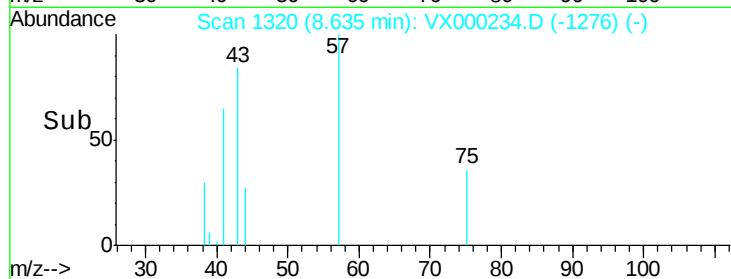
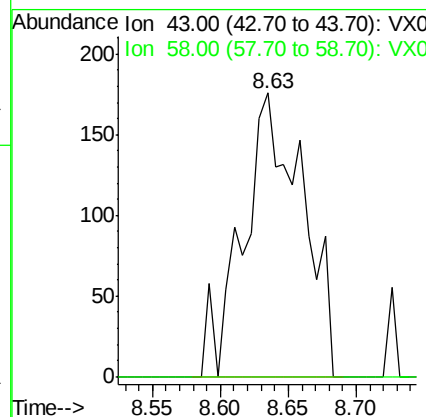
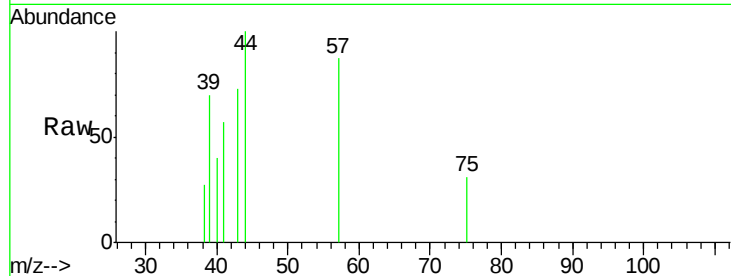




#51
 4-Methyl-2-Pentanone
 Concen: 5.67 ug/l
 RT: 8.63 min Scan# 1320
 Delta R.T. -0.03 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

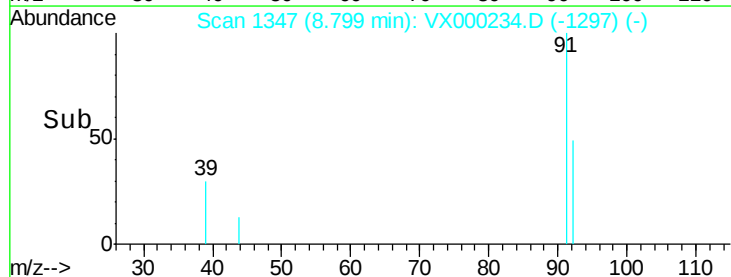
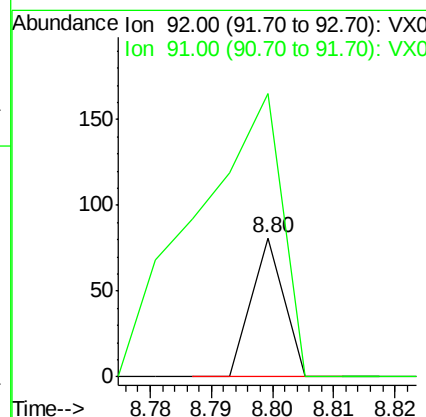
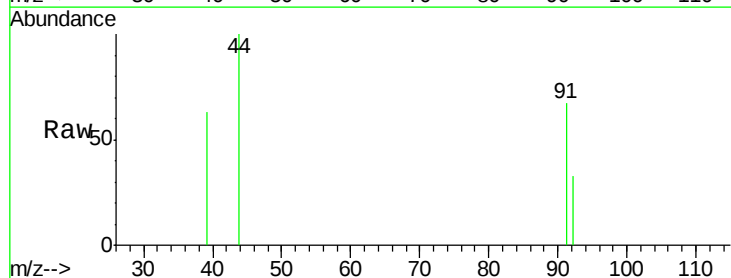
Instrument :
 MSVOA_X
 ClientSampled :
 TP-11

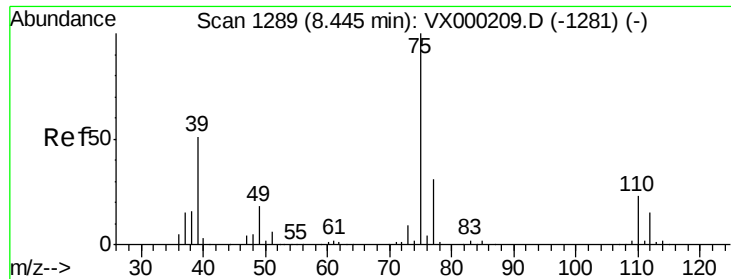
Tot Ion: 43 Resp: 537
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.2 45.2#



#52
 Toluene
 Concen: 0.25 ug/l
 RT: 8.80 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

Tgt Ion: 92 Resp: 30
 Ion Ratio Lower Upper
 92 100
 91 540.0 139.0 208.6#





#53

t-1,3-Dichloropropene

Concen: 0.38 ug/l

RT: 8.63 min Scan# 1320

Delta R.T. 0.19 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

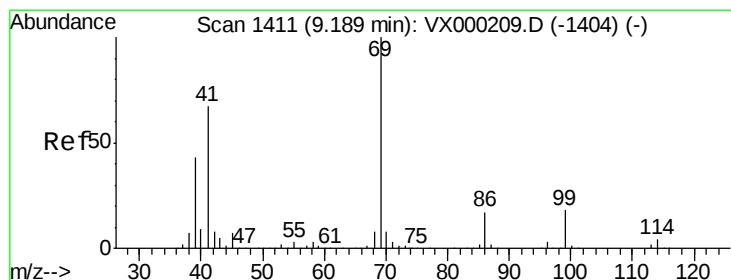
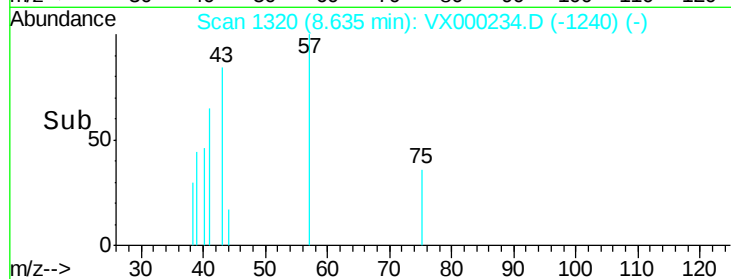
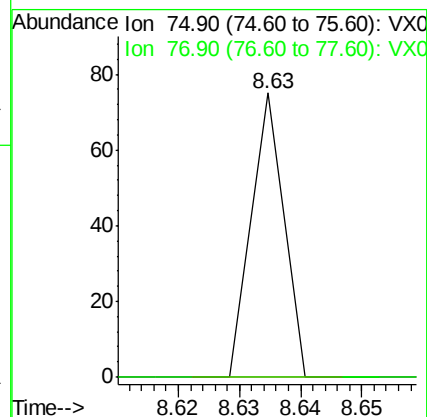
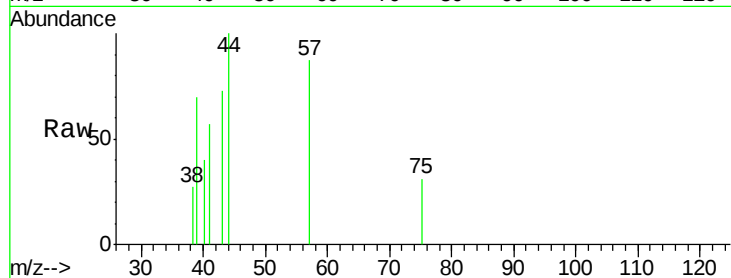
TP-11

Tot Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#



#56

Ethyl methacrylate

Concen: 0.31 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.14 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

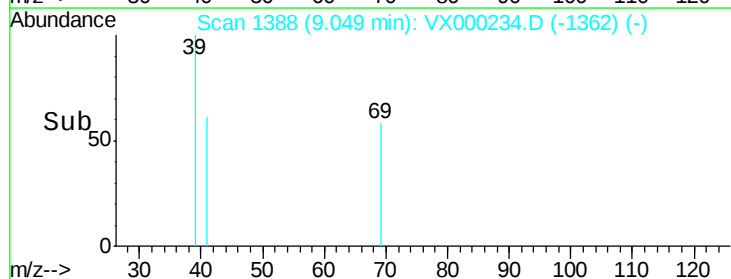
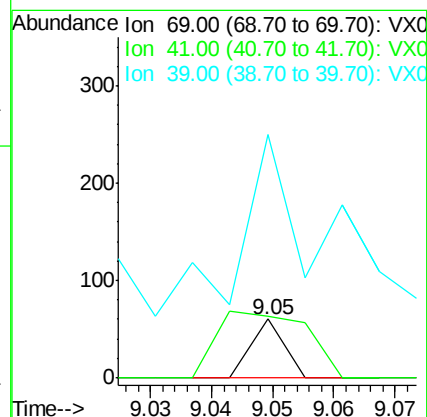
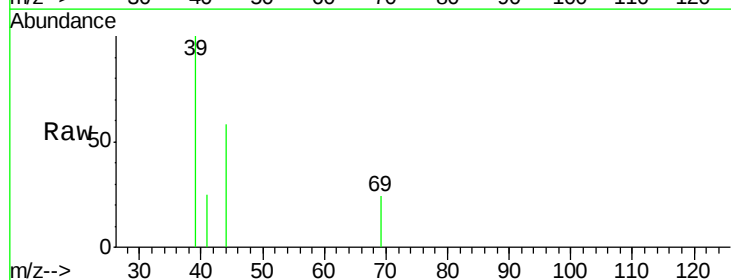
Tgt Ion: 69 Resp: 22

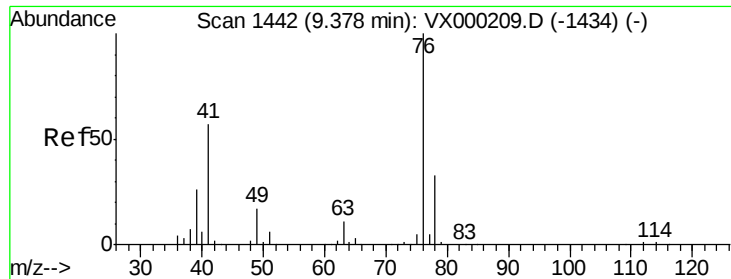
Ion Ratio Lower Upper

69 100

41 313.6 52.2 78.2#

39 781.8 34.3 51.5#





#57

1,3-Dichloropropane

Concen: 0.32 ug/l

RT: 9.39 min Scan# 1444

Delta R.T. 0.01 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

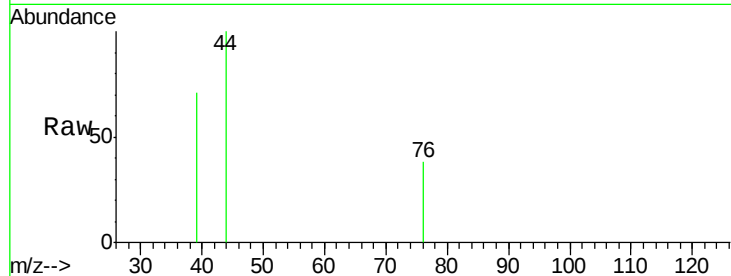
TP-11

Tot Ion: 76 Resp: 26

Ion Ratio Lower Upper

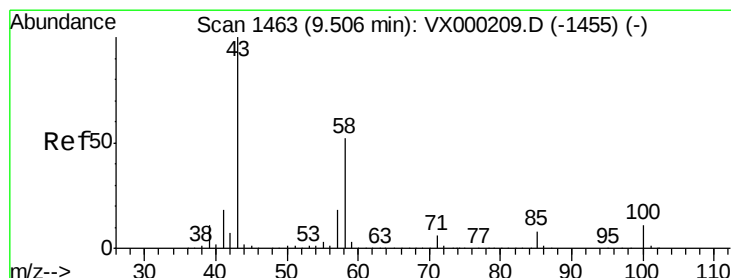
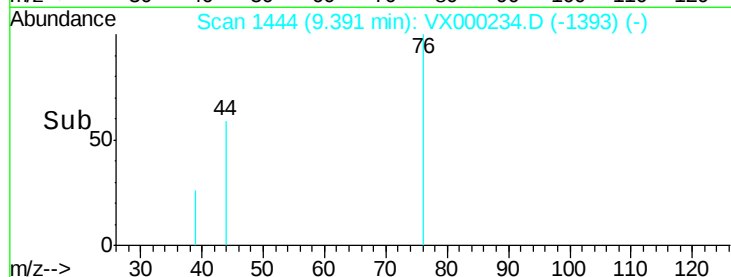
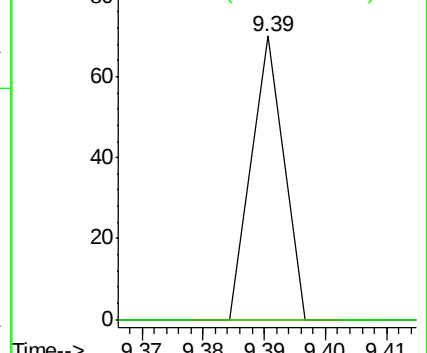
76 100

78 0.0 26.2 39.2#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 1.55 ug/l

RT: 9.51 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VX000234.D

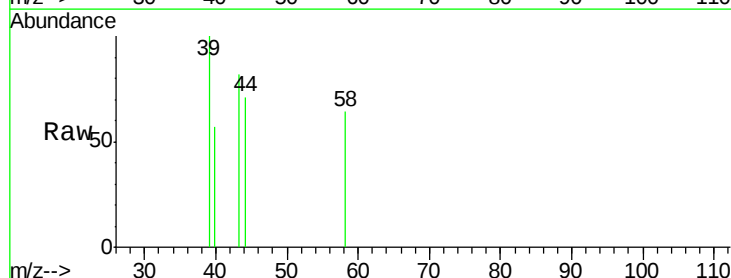
Acq: 08 Mar 2018 21:26

Tgt Ion: 43 Resp: 125

Ion Ratio Lower Upper

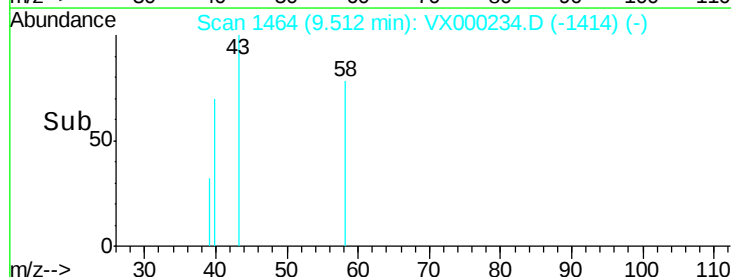
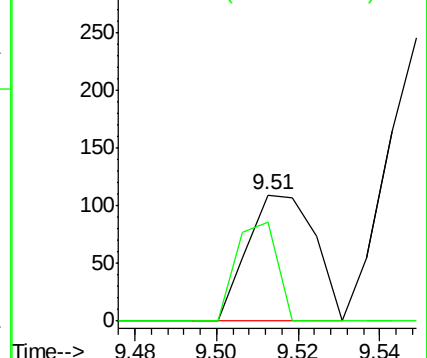
43 100

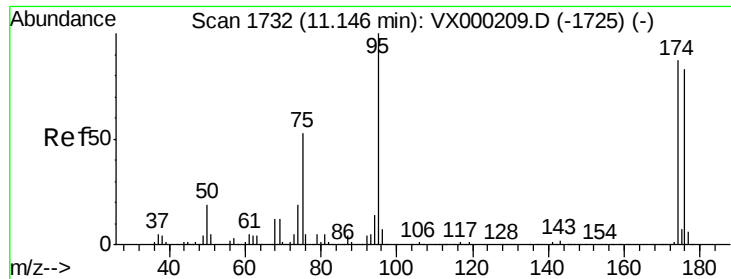
58 47.2 26.6 79.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 30.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

TP-11

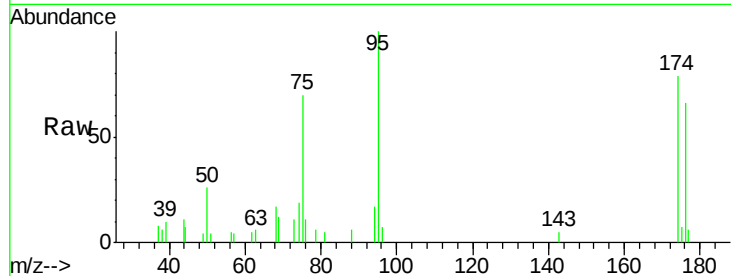
Tot Ion: 95 Resp: 2066

Ion Ratio Lower Upper

95 100

174 86.6 0.0 175.6

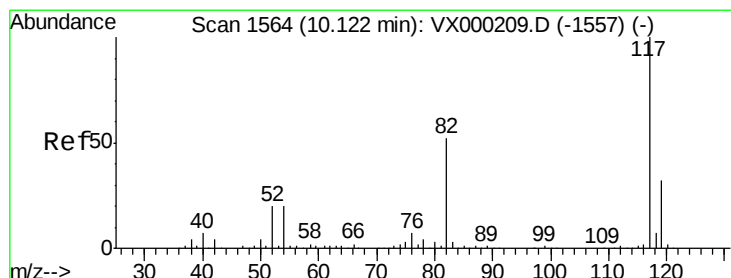
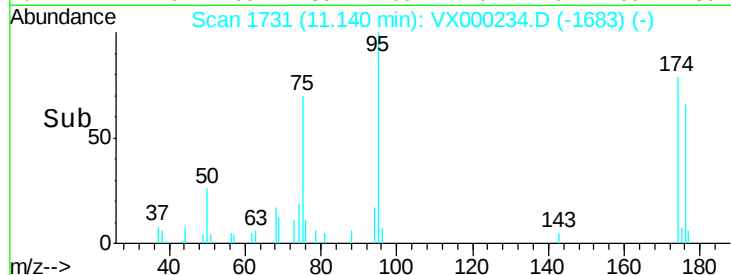
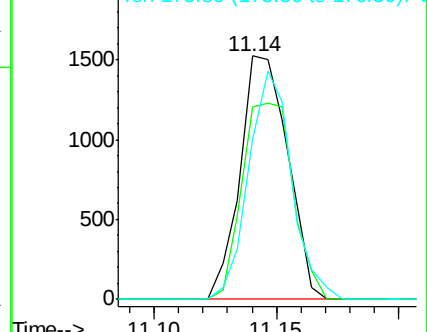
176 84.7 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX000209.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000209.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000209.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

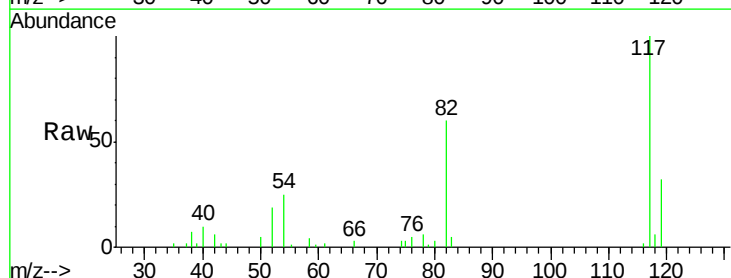
Tgt Ion: 117 Resp: 6012

Ion Ratio Lower Upper

117 100

82 59.9 42.0 63.0

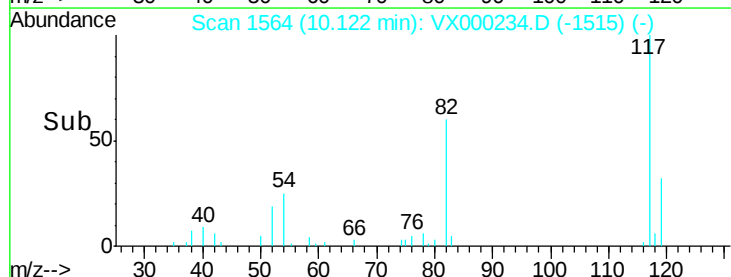
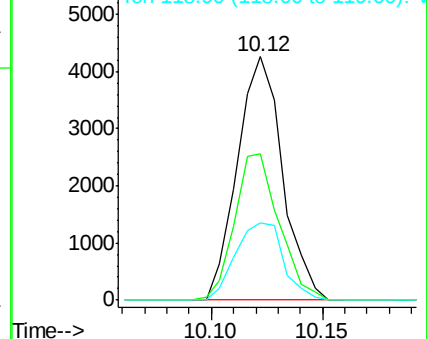
119 31.6 25.3 37.9

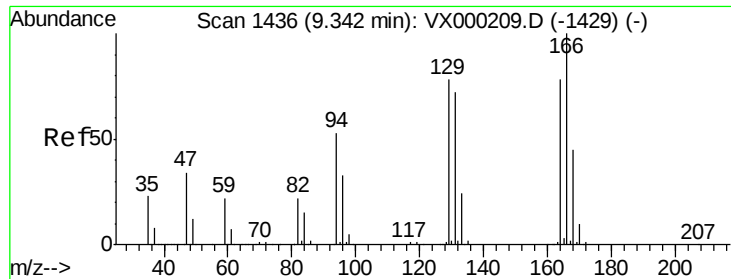


Abundance Ion 116.90 (116.60 to 117.60): VX000209.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000209.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000209.D (-1557) (-)

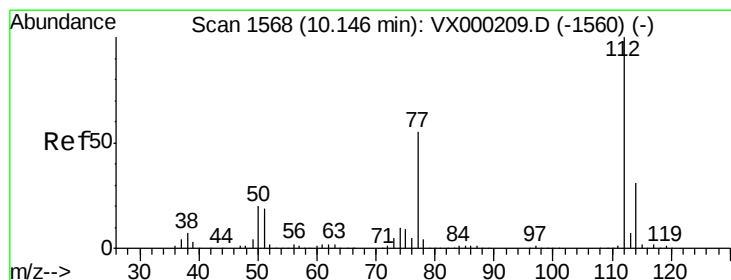
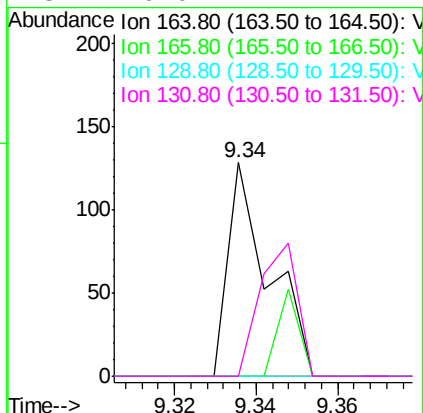
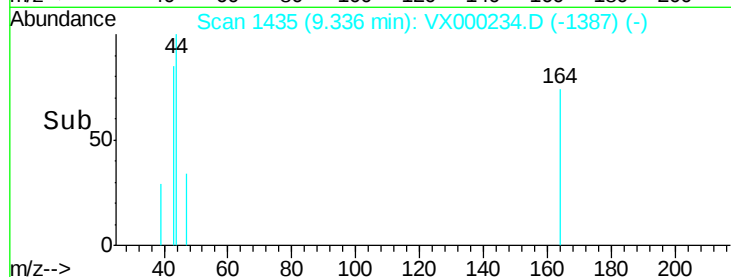
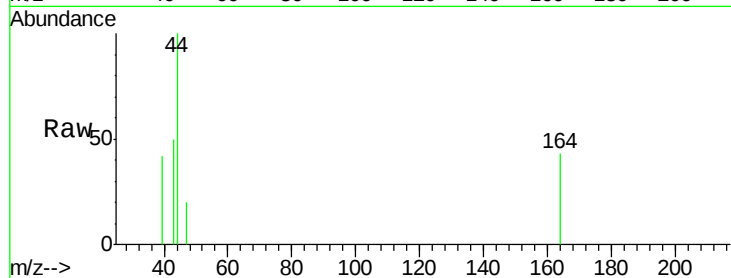




#64
 Tetrachloroethene
 Concen: 2.12 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

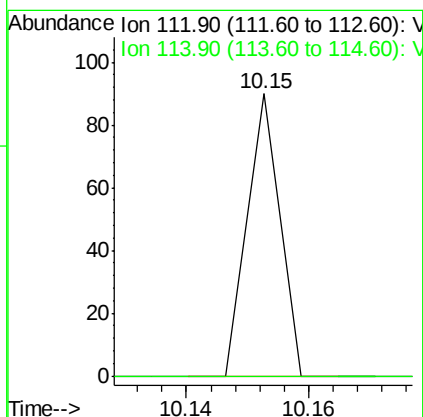
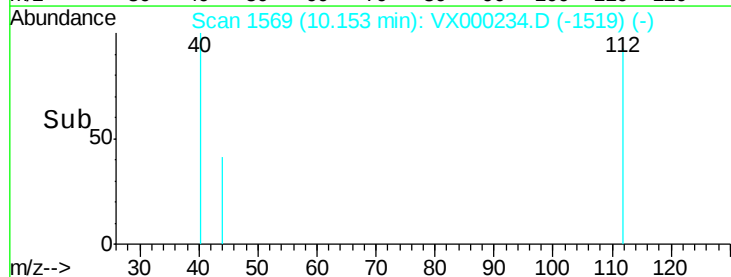
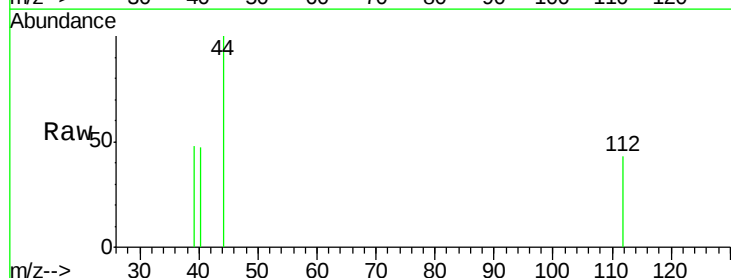
Instrument :
 MSVOA_X
 ClientSampled :
 TP-11

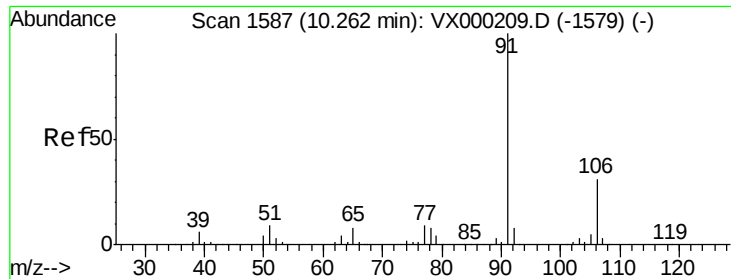
Tot Ion:	164	Resp:	89
Ion	Ratio	Lower	Upper
164	100		
166	0.0	103.0	154.6#
129	0.0	80.2	120.4#
131	0.0	74.2	111.4#



#65
 Chlorobenzene
 Concen: 0.27 ug/l
 RT: 10.15 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

Tgt Ion:	112	Resp:	33
Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.0	37.4#





#67

Ethyl Benzene

Concen: 0.98 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

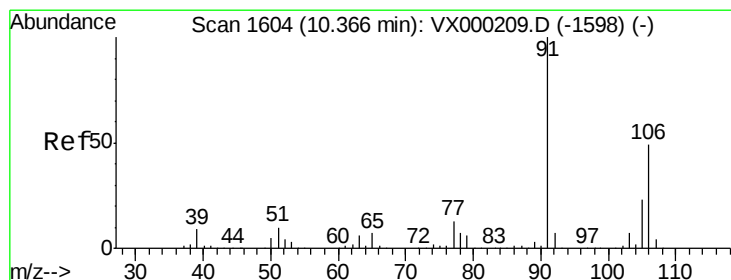
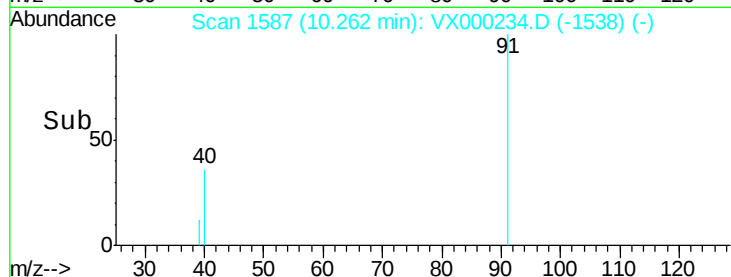
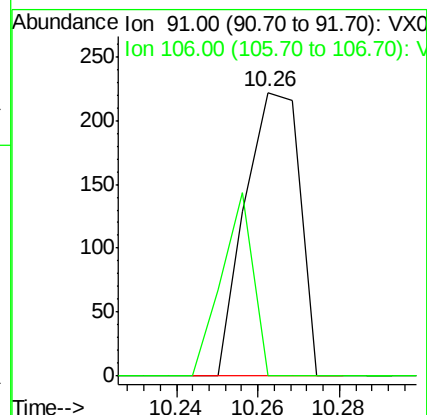
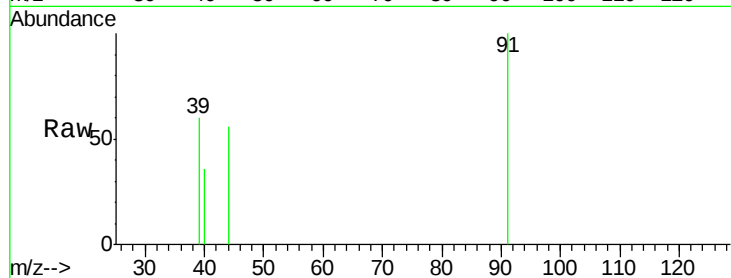
TP-11

Tot Ion: 91 Resp: 207

Ion Ratio Lower Upper

91 100

106 0.0 25.2 37.8#



#68

m/p-Xylenes

Concen: 2.55 ug/l

RT: 10.37 min Scan# 1605

Delta R.T. 0.01 min

Lab File: VX000234.D

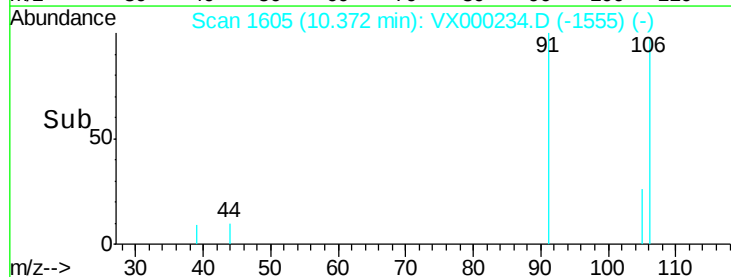
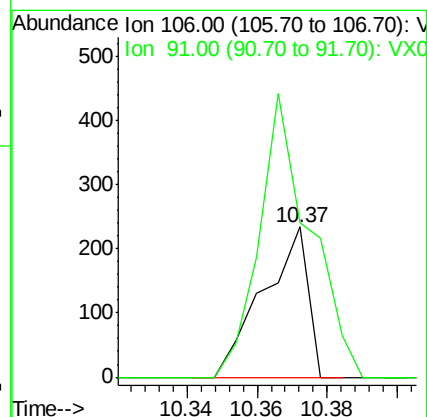
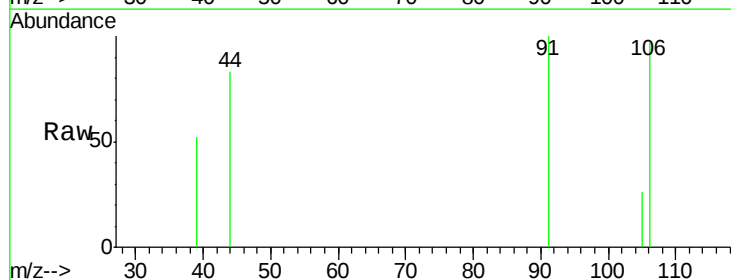
Acq: 08 Mar 2018 21:26

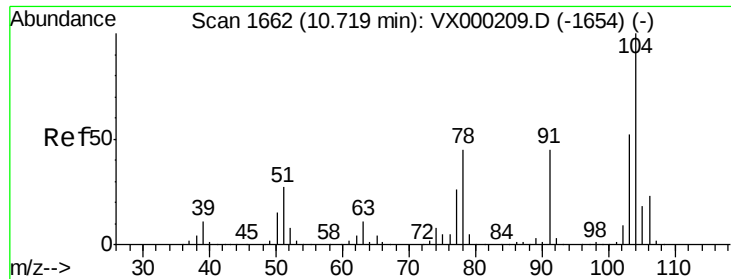
Tgt Ion: 106 Resp: 208

Ion Ratio Lower Upper

106 100

91 211.5 160.9 241.3





#70

Stvrene

Concen: 0.81 ug/l

RT: 10.73 min Scan# 1663

Delta R.T. 0.01 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

TP-11

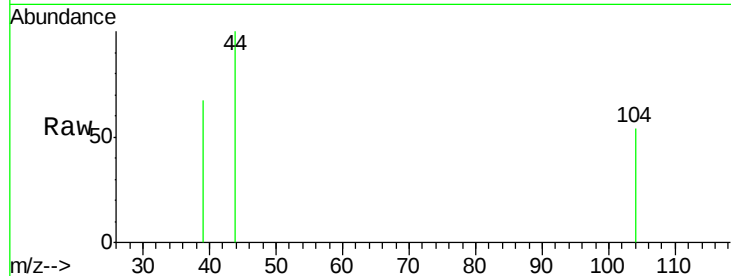
Tot Ion:104 Resp: 105

Ion Ratio Lower Upper

104 100

78 0.0 39.6 59.4#

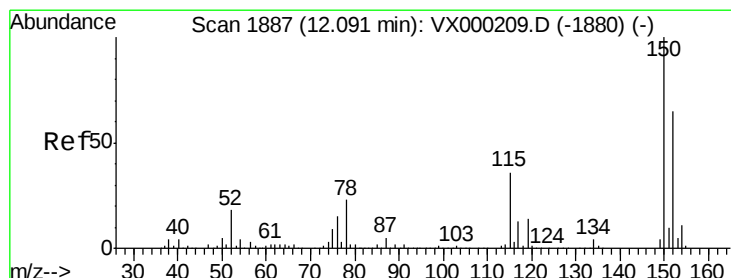
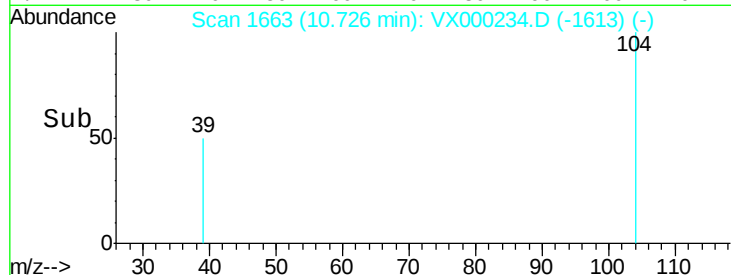
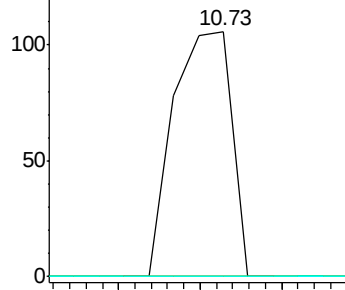
103 0.0 45.0 67.6#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

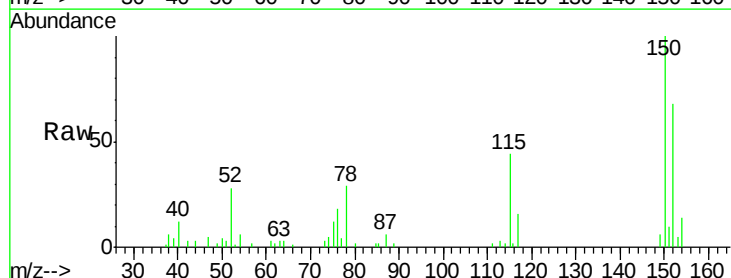
Tgt Ion:152 Resp: 3314

Ion Ratio Lower Upper

152 100

115 57.5 39.8 119.3

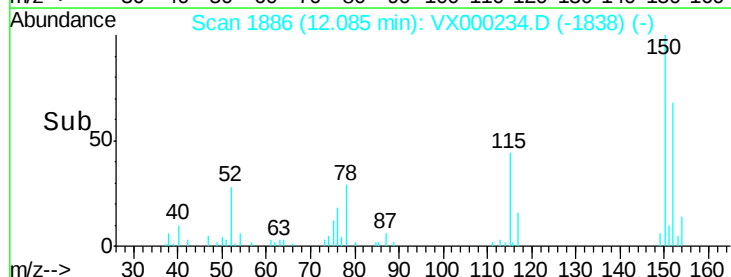
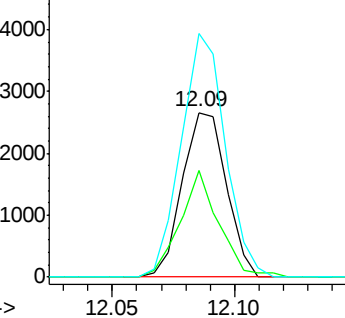
150 148.7 0.0 345.0

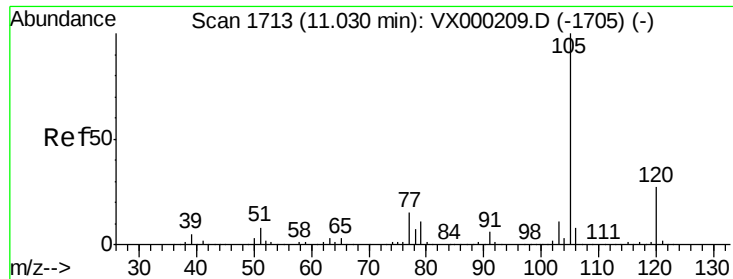


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.48 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

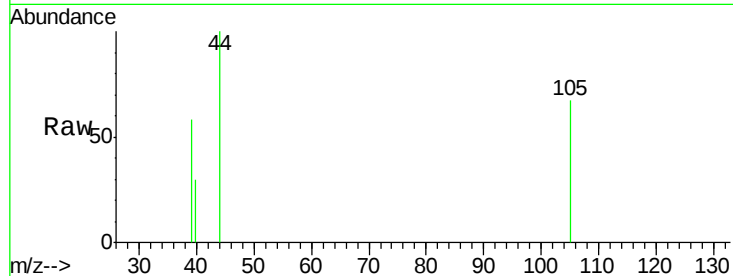
TP-11

Tot Ion:105 Resp: 100

Ion Ratio Lower Upper

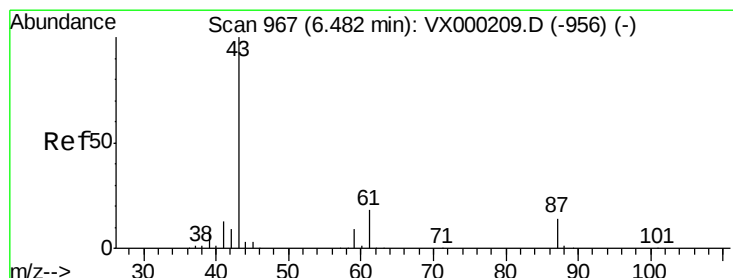
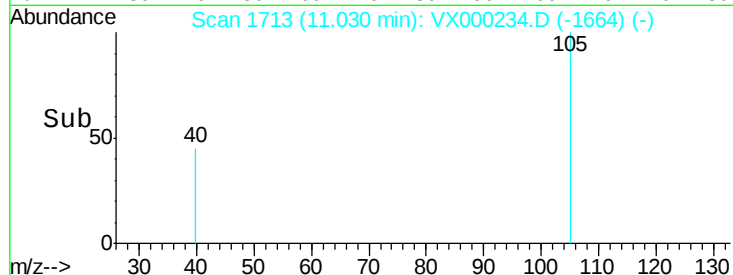
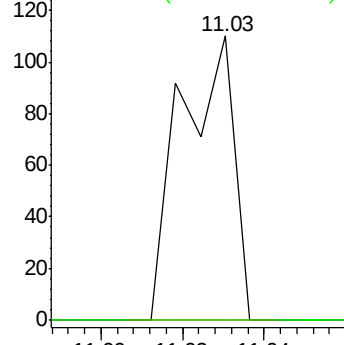
105 100

120 0.0 13.5 40.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 12.37 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Tgt Ion: 43 Resp: 1313

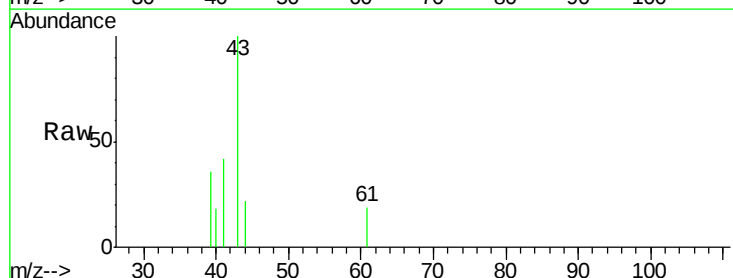
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 8.8 14.8 22.2#

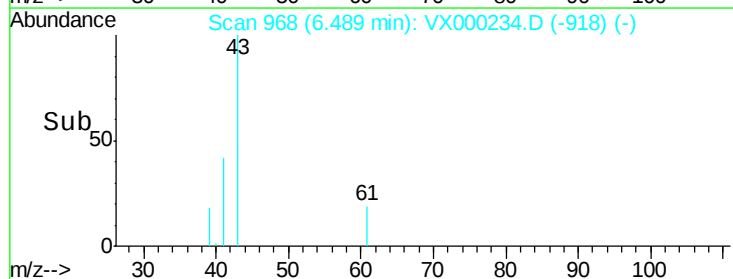
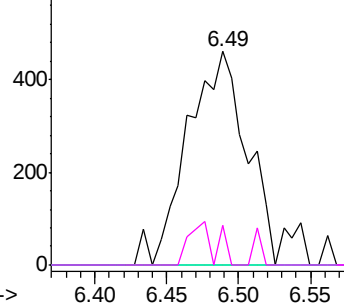


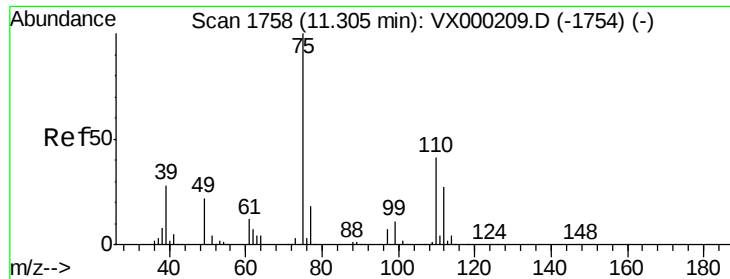
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

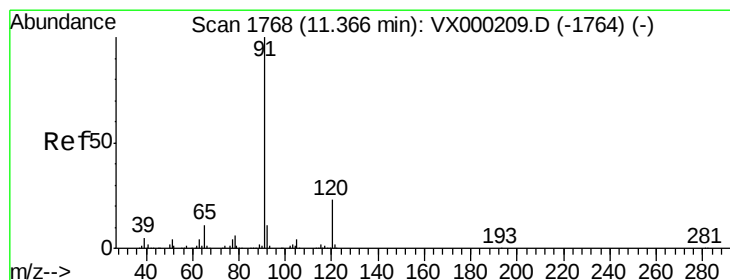
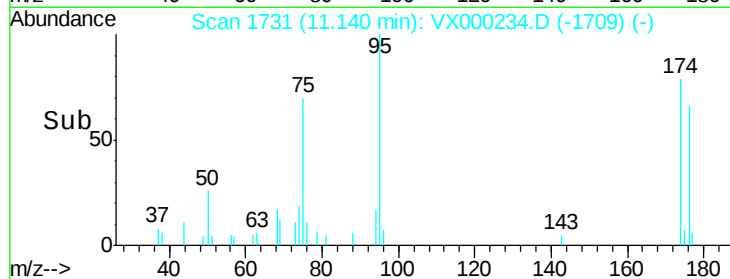
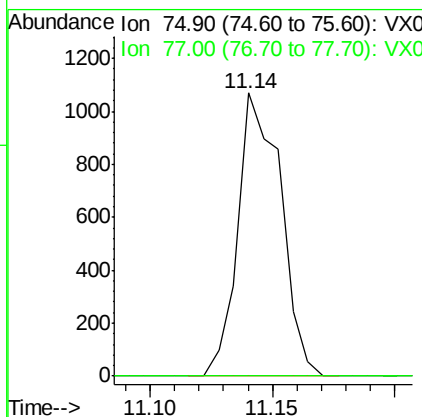
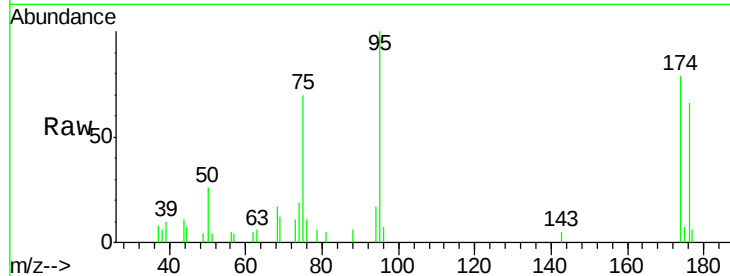




#76
 1,2,3-Trichloropropane
 Concen: 19.61 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

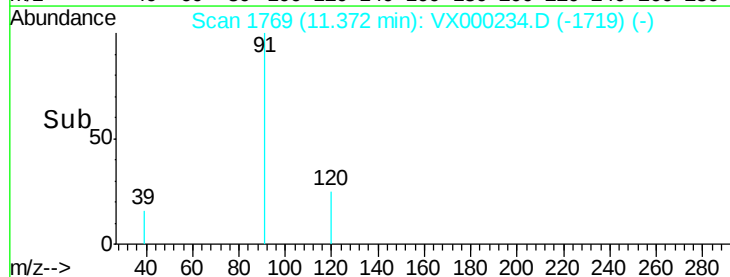
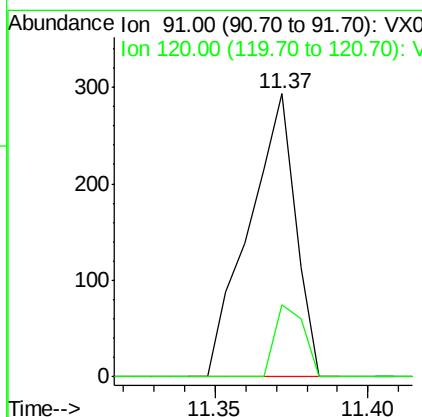
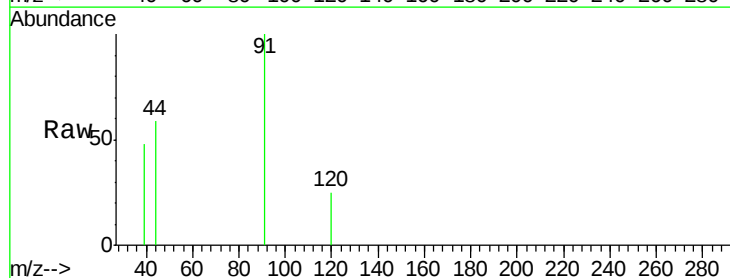
Instrument :
 MSVOA_X
 ClientSampled :
 TP-11

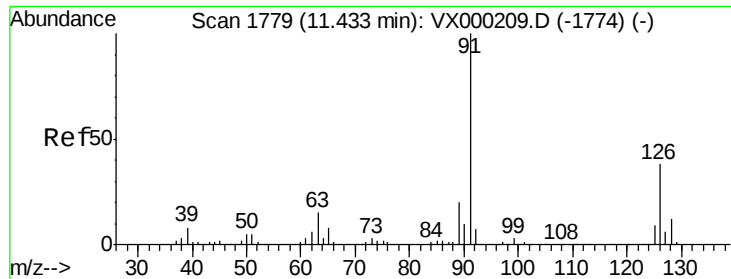
Tot Ion: 75 Resp: 1303
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.3 66.8#



#78
 n-propylbenzene
 Concen: 1.27 ug/l
 RT: 11.37 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: VX000234.D
 Acq: 08 Mar 2018 21:26

Tgt Ion: 91 Resp: 310
 Ion Ratio Lower Upper
 91 100
 120 15.8 12.2 36.4





#79

2-Chlorotoluene

Concen: 1.06 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

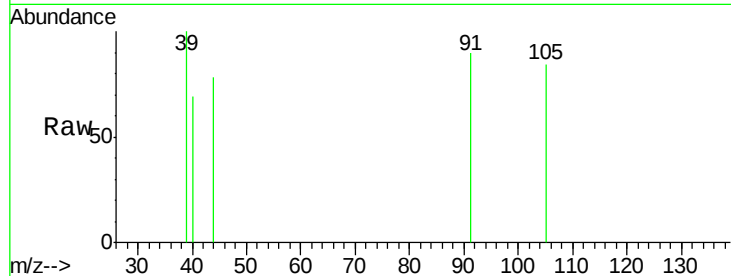
TP-11

Tot Ion: 91 Resp: 146

Ion Ratio Lower Upper

91 100

126 0.0 18.4 55.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.43

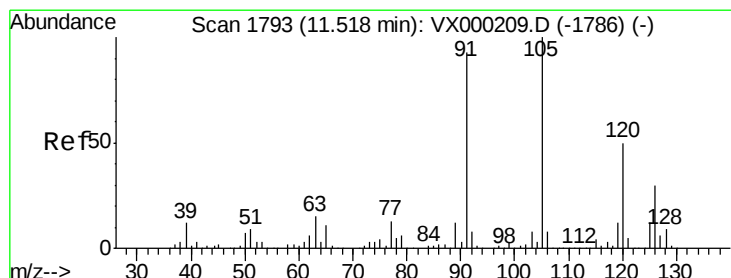
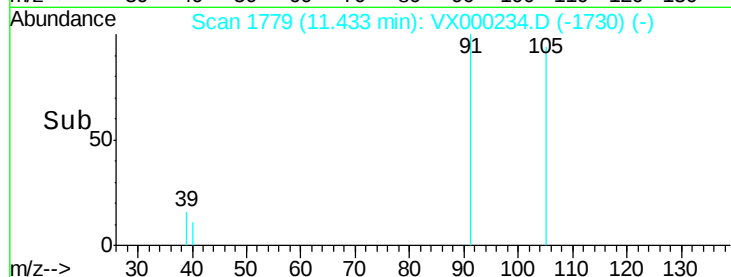
150

100

50

0

Time--> 11.40 11.42 11.44 11.46



#80

1,3,5-Trimethylbenzene

Concen: 1.53 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000234.D

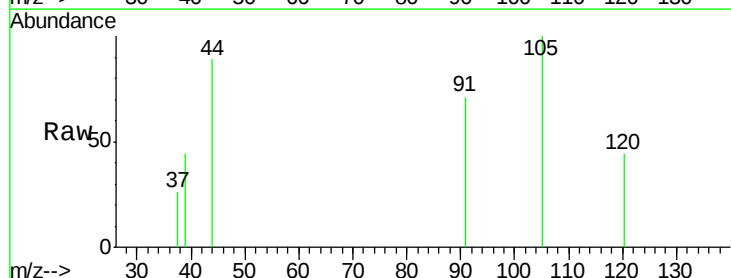
Acq: 08 Mar 2018 21:26

Tgt Ion: 105 Resp: 265

Ion Ratio Lower Upper

105 100

120 24.2 24.9 74.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.52

250

200

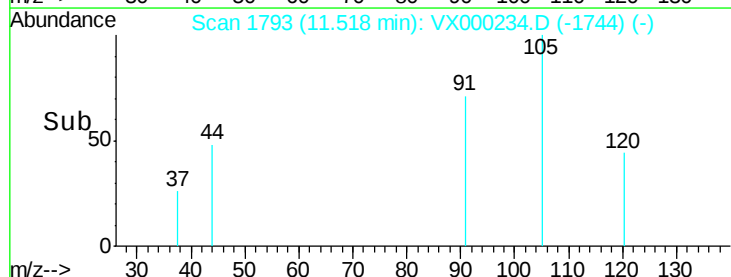
150

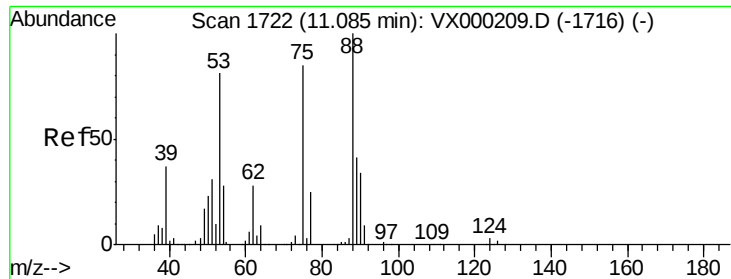
100

50

0

Time--> 11.50 11.55

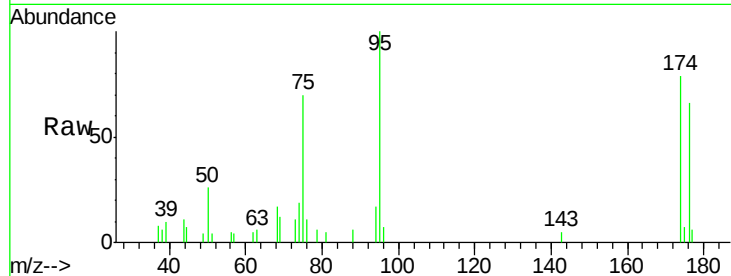




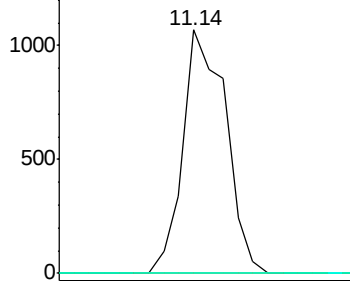
#81
trans-1,4-Dichloro-2-butene
Concen: 60.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.05 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

Instrument :
MSVOA_X
ClientSampled :
TP-11

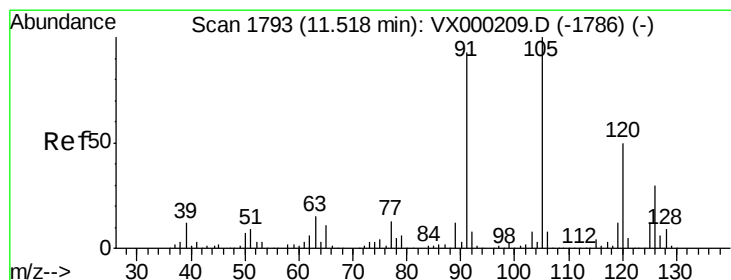
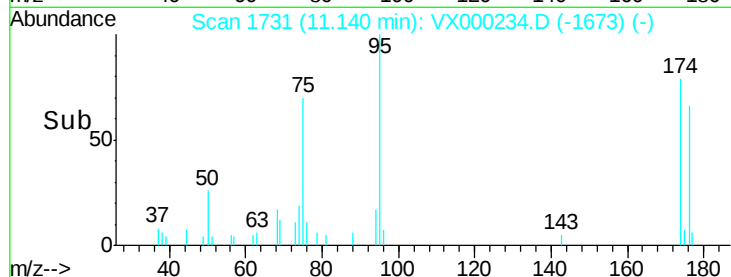
Tot Ion: 75 Resp: 1303
Ion Ratio Lower Upper
75 100
53 0.0 78.6 118.0#
89 0.0 38.8 58.2#



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

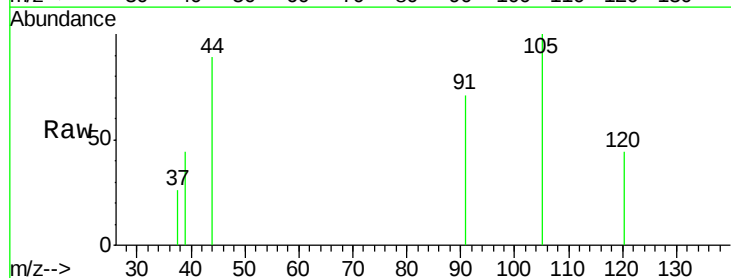


Time-->

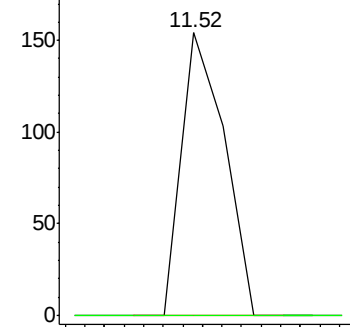


#82
4-Chlorotoluene
Concen: 0.56 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

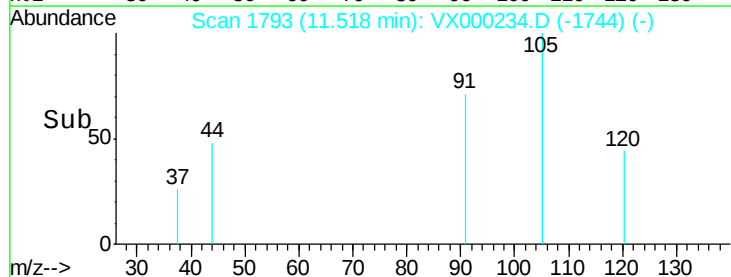
Tgt Ion: 91 Resp: 94
Ion Ratio Lower Upper
91 100
126 0.0 16.0 48.0#

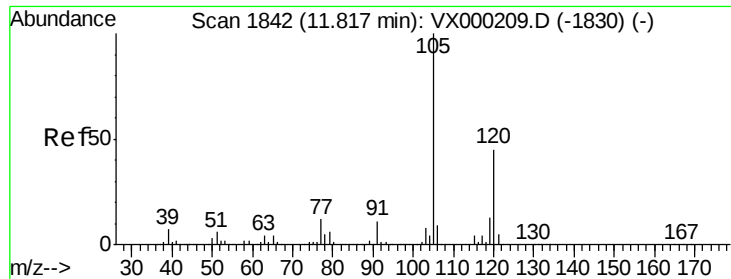


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V



Time-->





#84

1,2,4-Trimethylbenzene

Concen: 2.78 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

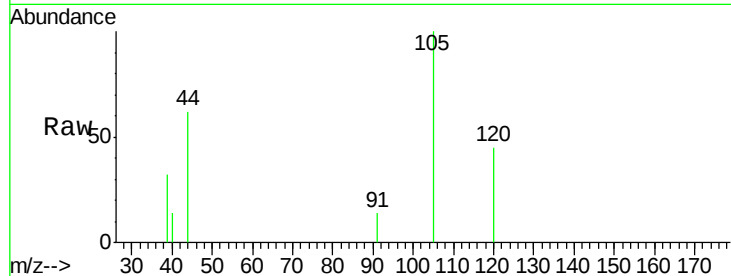
TP-11

Tot Ion:105 Resp: 495

Ion Ratio Lower Upper

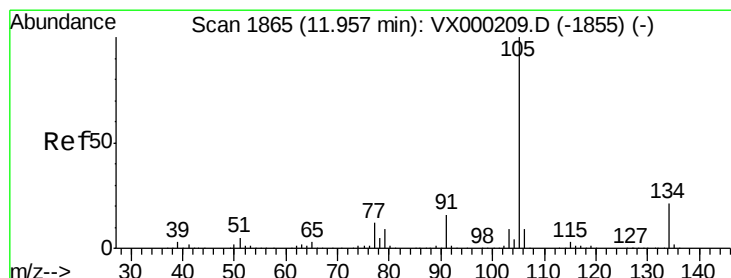
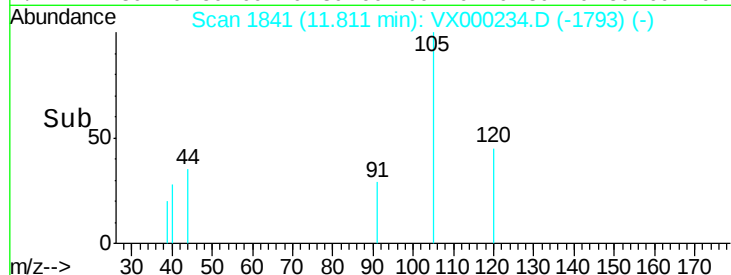
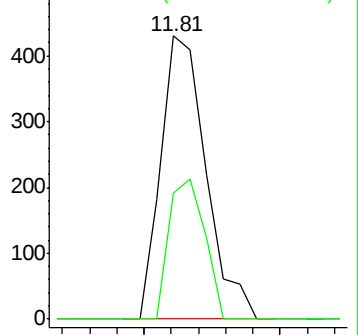
105 100

120 39.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.33 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000234.D

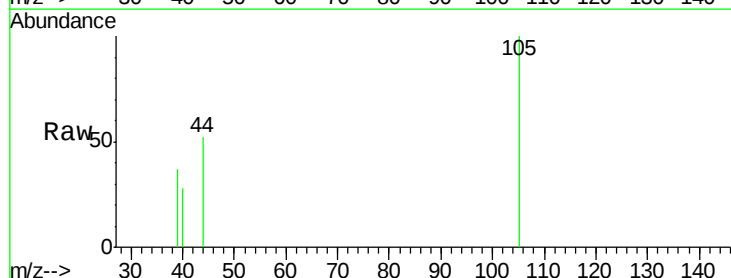
Acq: 08 Mar 2018 21:26

Tgt Ion:105 Resp: 283

Ion Ratio Lower Upper

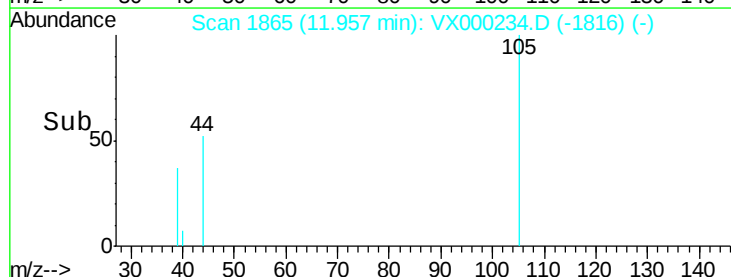
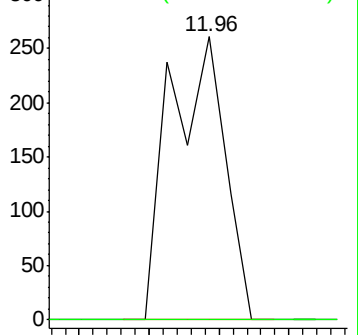
105 100

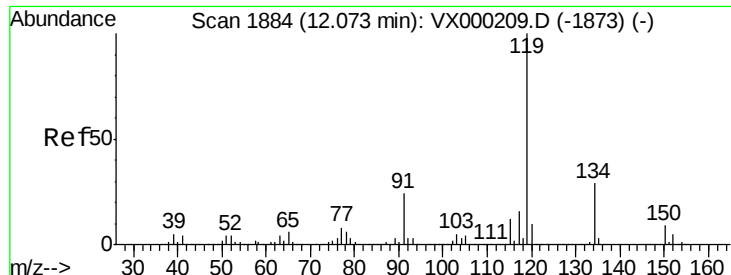
134 0.0 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 1.53 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

TP-11

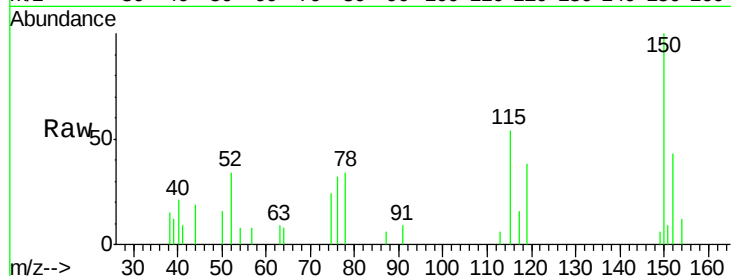
Tot Ion:119 Resp: 288

Ion Ratio Lower Upper

119 100

134 0.0 13.8 41.3#

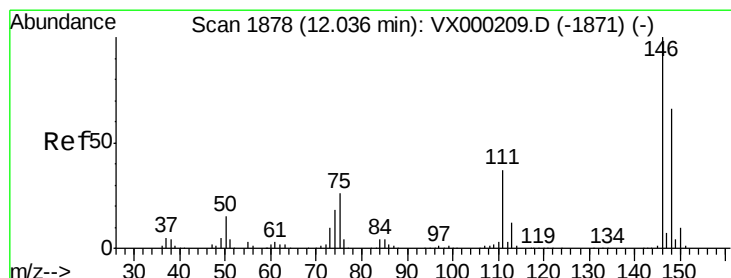
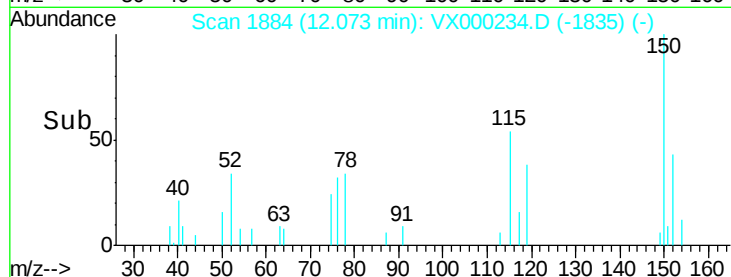
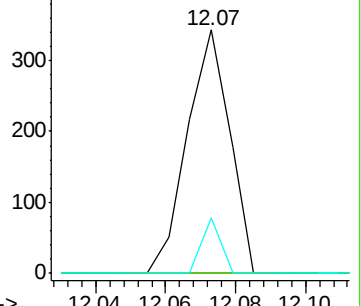
91 10.1 12.0 36.0#



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: 2.35 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

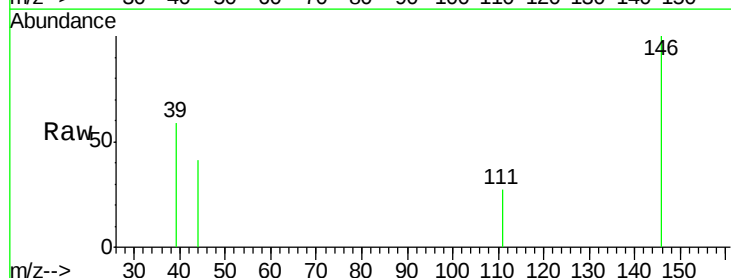
Tgt Ion:146 Resp: 240

Ion Ratio Lower Upper

146 100

111 28.3 19.0 57.0

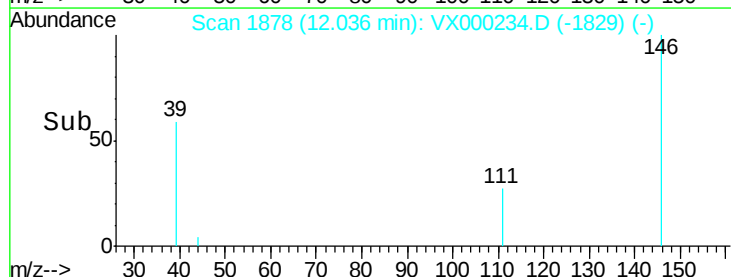
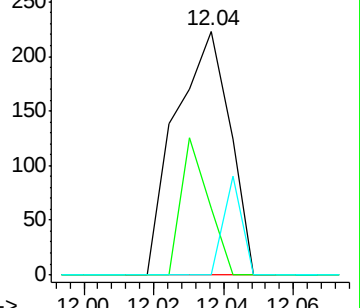
148 13.8 32.1 96.3#

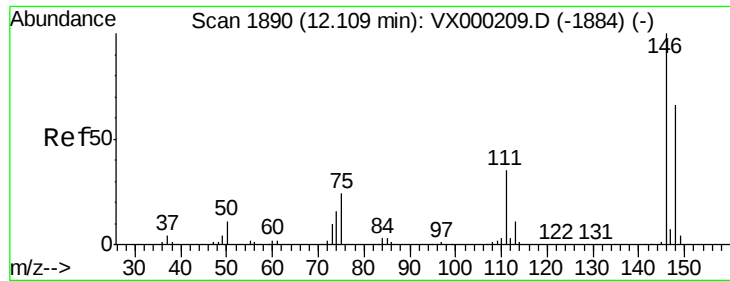


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 2.69 ug/l

RT: 12.11 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

TP-11

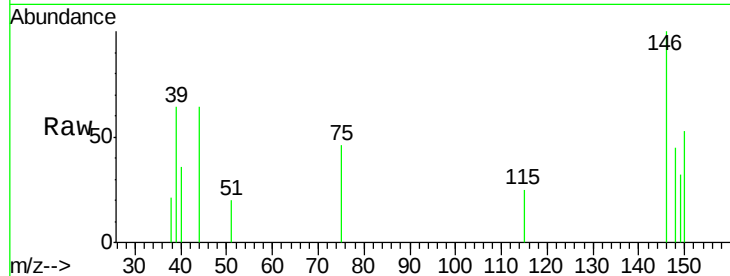
Tot Ion:146 Resp: 287

Ion Ratio Lower Upper

146 100

111 0.0 18.9 56.9#

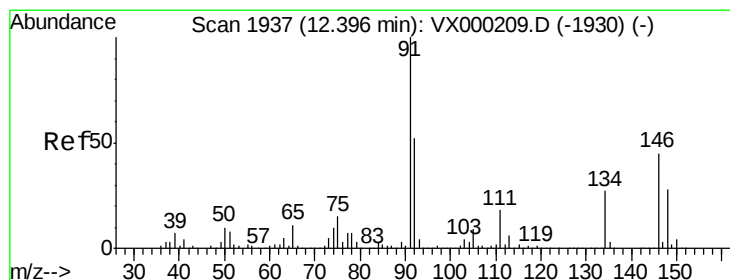
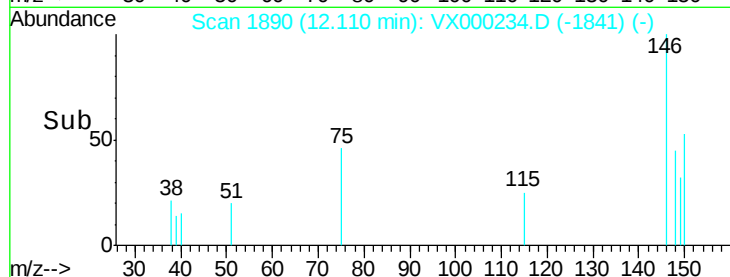
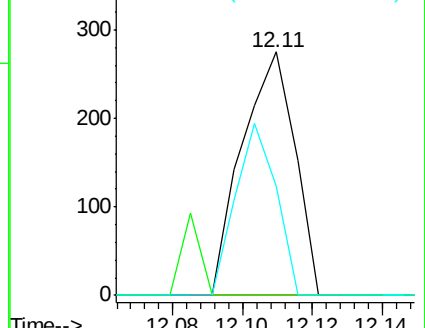
148 54.0 32.6 97.8



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: 2.40 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

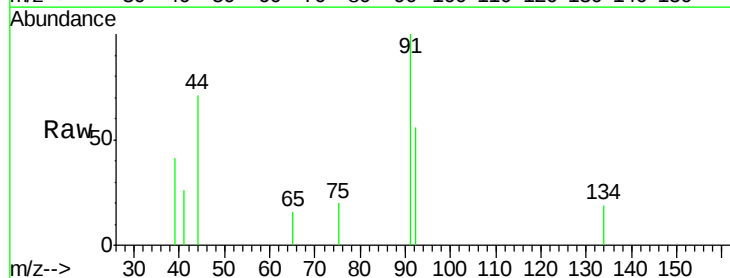
Tgt Ion: 91 Resp: 434

Ion Ratio Lower Upper

91 100

92 44.7 25.8 77.4

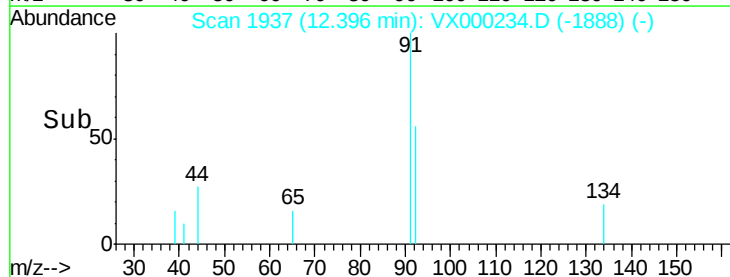
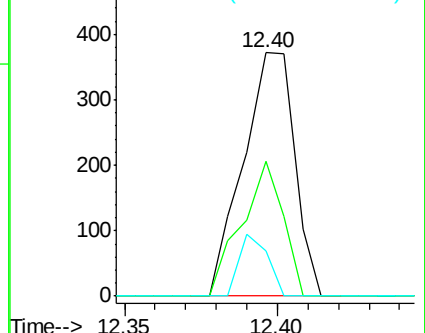
134 13.8 13.5 40.5

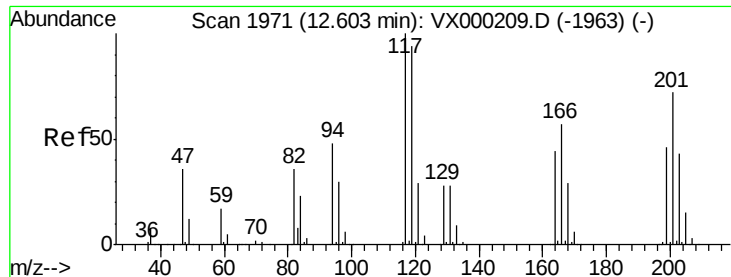


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

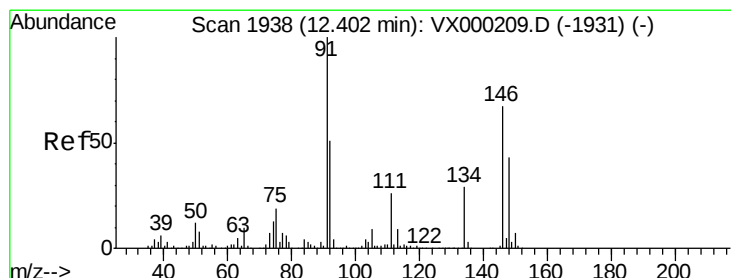
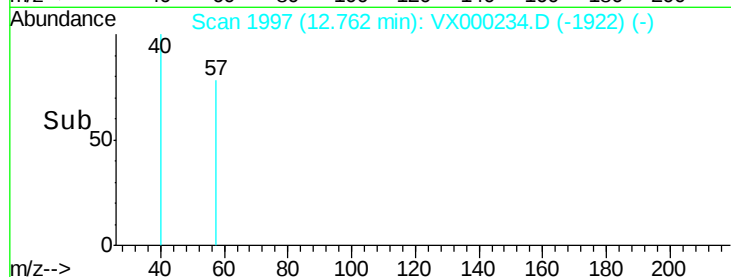
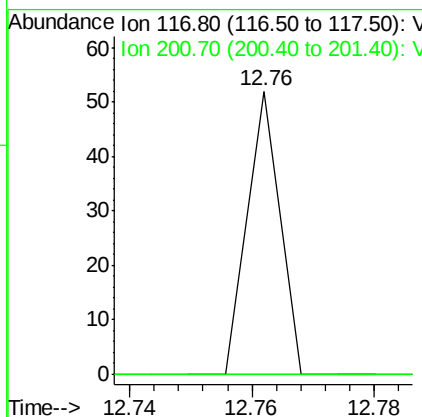
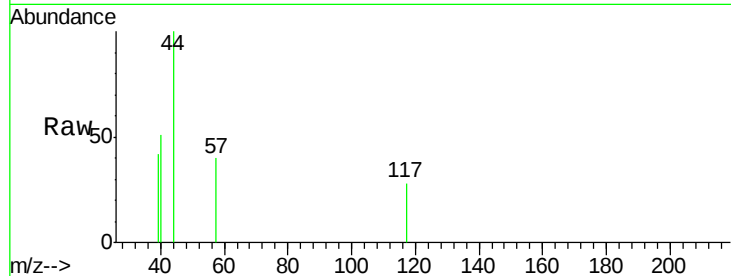




#90
Hexachloroethane
Concen: 0.63 ug/l
RT: 12.76 min Scan# 1997
Delta R.T. 0.16 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

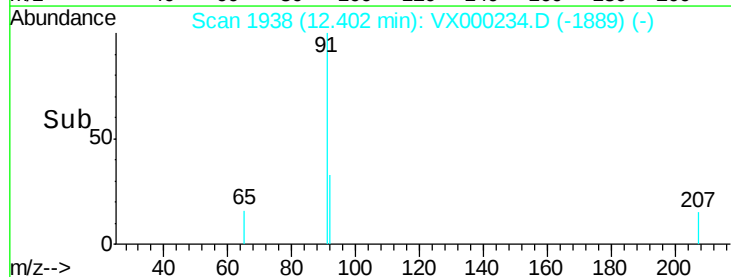
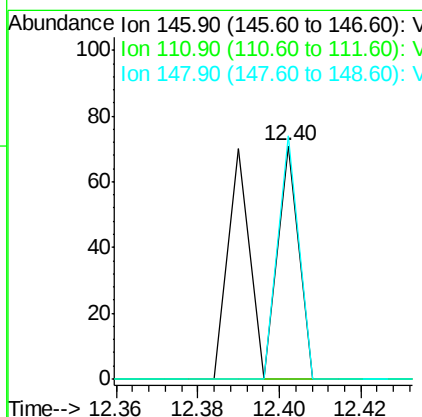
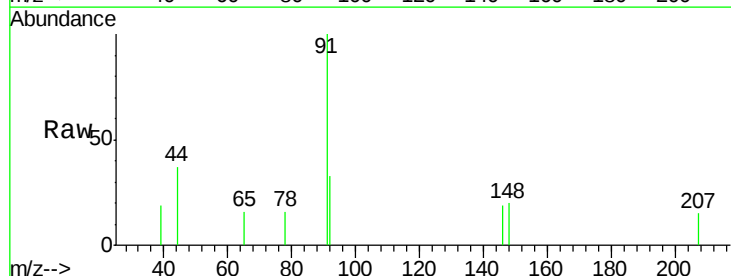
Instrument :
MSVOA_X
ClientSampleId :
TP-11

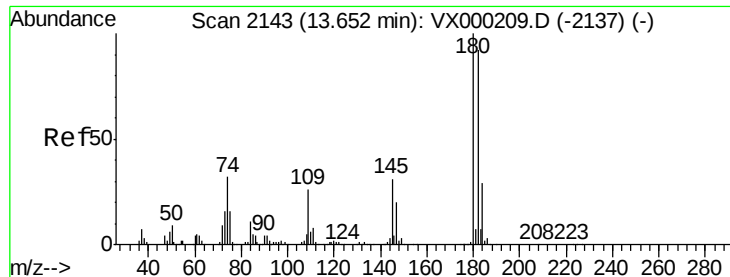
Tot Ion:117 Resp: 19
Ion Ratio Lower Upper
117 100
201 0.0 38.2 114.6#



#91
1,2-Dichlorobenzene
Concen: 0.51 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

Tgt Ion:146 Resp: 52
Ion Ratio Lower Upper
146 100
111 0.0 19.7 59.0#
148 51.9 32.0 96.0





#93

1,2,4-Trichlorobenzene

Concen: 3.96 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

Instrument :

MSVOA_X

ClientSampled :

TP-11

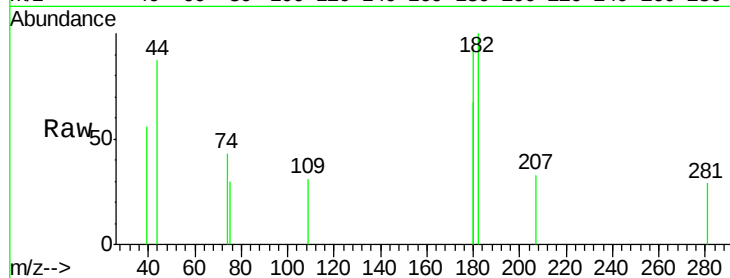
Tot Ion:180 Resp: 291

Ion Ratio Lower Upper

180 100

182 58.1 47.0 141.0

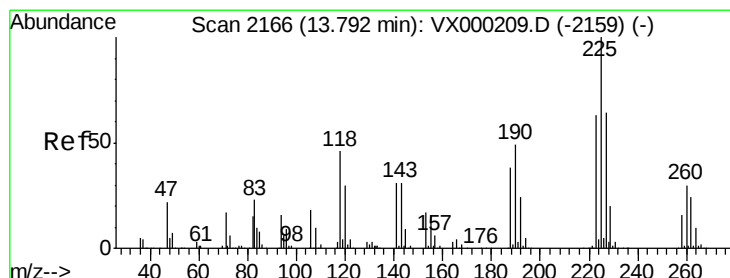
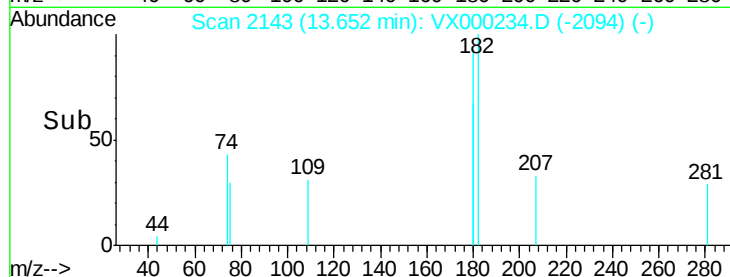
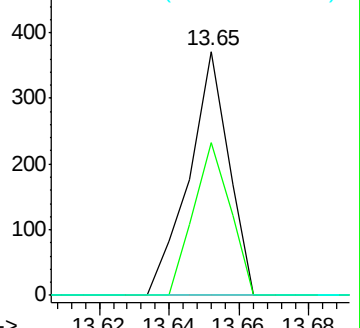
145 0.0 15.3 45.9#



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: 1.93 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VX000234.D

Acq: 08 Mar 2018 21:26

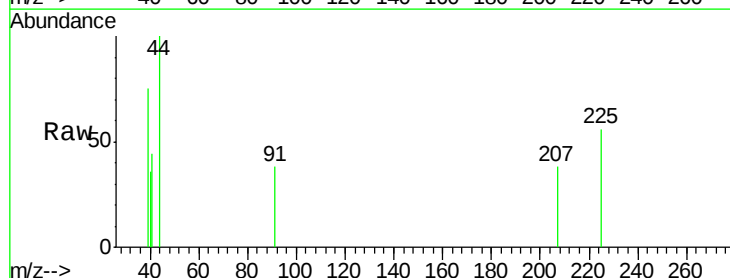
Tgt Ion:225 Resp: 59

Ion Ratio Lower Upper

225 100

223 0.0 31.8 95.3#

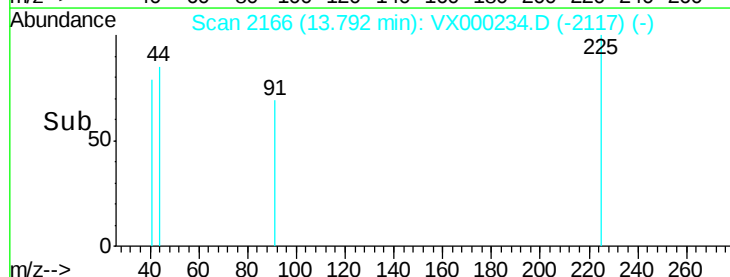
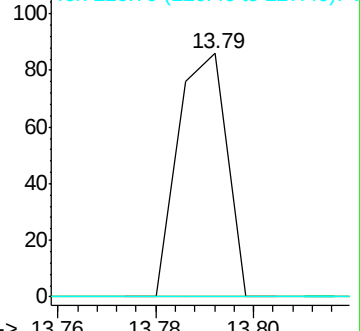
227 0.0 31.9 95.5#

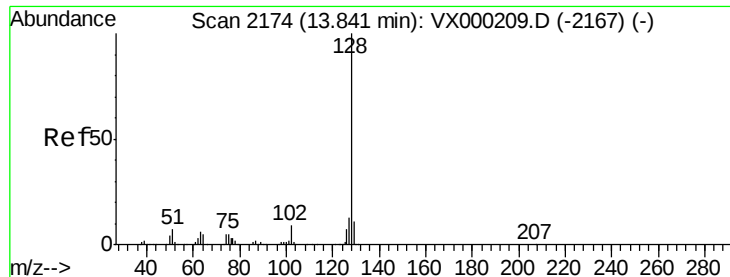


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

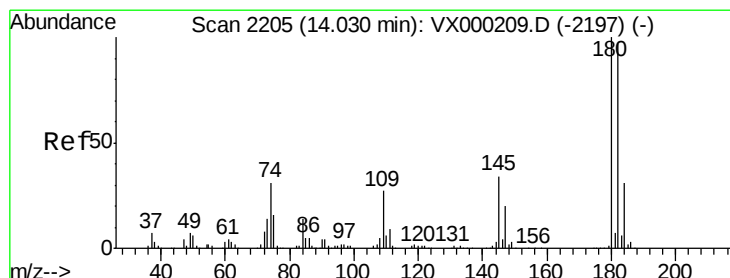
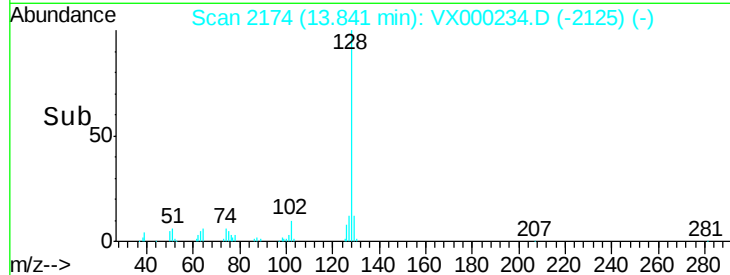
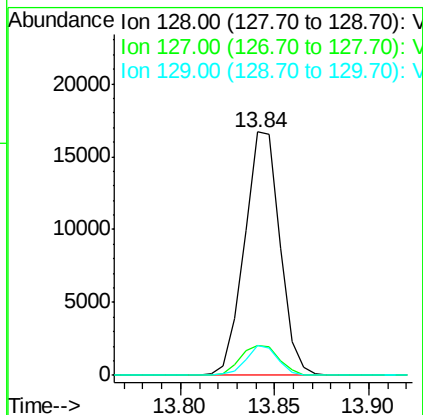
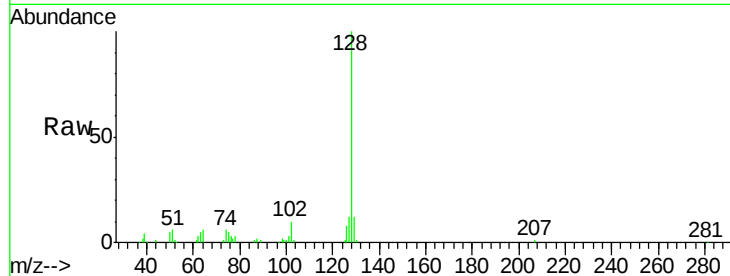




#95
Naphthalene
Concen: 85.03 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

Instrument :
MSVOA_X
ClientSampled :
TP-11

Tot Ion:128 Resp: 21795
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.02 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000234.D
Acq: 08 Mar 2018 21:26

Tgt Ion:180 Resp: 74
Ion Ratio Lower Upper
180 100
182 60.8 48.0 144.0
145 27.0 16.3 48.8

