

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002933.D
 Acq On : 27 Jun 2018 13:51
 Operator : JC/MD
 Sample : J3707-18
 Misc : 6.09µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 03:12:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	238917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	162381	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	5.51	113	124520	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	8.72	98	478206	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	183827	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122	Below Cal	#	56
3) Chloromethane	1.32	50	721	Below Cal	#	88
4) Vinyl Chloride	1.41	62	18932	7.01	ug/l	# 69
5) Bromomethane	1.64	94	2964	Below Cal		97
6) Chloroethane	1.73	64	140	Below Cal	#	69
10) Methyl Iodide	2.49	142	4976	7.85	ug/l	98
11) Tert butyl alcohol	3.12	59	434	0.66	ug/l	# 30
12) 1,1-Dichloroethene	2.34	96	658	0.28	ug/l	82
13) Acrolein	2.32	56	294	5.02	ug/l	# 62
16) Acetone	2.48	43	1134	0.83	ug/l	93
18) Methyl Acetate	2.79	43	1535	0.40	ug/l	# 77
20) Methylene Chloride	2.84	84	1170	0.44	ug/l	# 94
21) trans-1,2-Dichloroethene	3.15	96	2052	0.80	ug/l	# 77
24) 1,1-Dichloroethane	3.69	63	3680	0.76	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	344421	119.70	ug/l	82
29) Tetrahydrofuran	5.19	42	2582	1.98	ug/l	# 86
36) 1,1-Dichloropropene	5.65	75	16487	4.45	ug/l	# 51
38) Carbon Tetrachloride	5.66	117	22053	5.42	ug/l	# 15
39) Methylcyclohexane	7.45	83	3851	0.89	ug/l	94
43) Isopropyl Acetate	6.50	43	1778	0.27	ug/l	# 65
44) Trichloroethene	7.21	130	979	0.31	ug/l	89
49) 1,4-Dioxane	7.88	88	23	0.34	ug/l	# 1
52) Toluene	8.79	92	7620	1.11	ug/l	98
65) Chlorobenzene	10.14	112	4887	0.60	ug/l	97
67) Ethyl Benzene	10.26	91	2780	0.21	ug/l	90
68) m/p-Xylenes	10.37	106	1727	0.33	ug/l	96
69) o-Xylene	10.70	106	1811	0.36	ug/l	95
73) Isopropylbenzene	11.02	105	3069	0.22	ug/l	96
74) N-amyl acetate	6.50	43	1778	0.27	ug/l	# 63
75) 1,1,2,2-Tetrachloroethane	11.27	83	852	0.20	ug/l	# 26
76) 1,2,3-Trichloropropane	11.14	75	96900	26.30	ug/l	# 33
78) n-propylbenzene	11.37	91	8065	0.52	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	17883	1.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	96900	74.55	ug/l	# 7

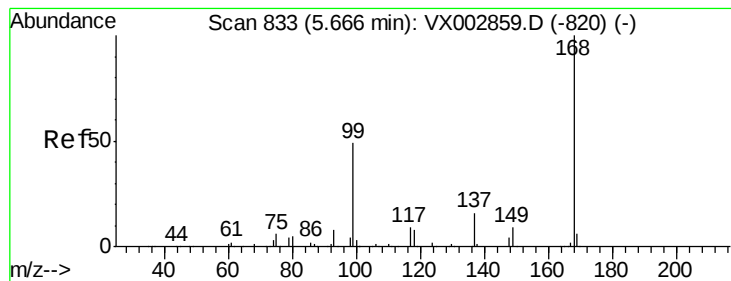
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002933.D
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	2516	0.23	ug/l #	65
83) tert-Butylbenzene	11.77	119	5362	0.47	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	32705	2.74	ug/l	95
85) sec-Butylbenzene	11.95	105	10586	0.77	ug/l	97
86) p-Isopropyltoluene	12.07	119	9241	0.75	ug/l	90
87) 1,3-Dichlorobenzene	12.03	146	4012	0.56	ug/l #	85
88) 1,4-Dichlorobenzene	12.03	146	4012	0.55	ug/l	90
89) n-Butylbenzene	12.39	91	15811	1.47	ug/l #	41
90) Hexachloroethane	12.59	117	1493	0.81	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	45778	6.37	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.02	75	245	0.26	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1535	0.29	ug/l #	89
95) Naphthalene	13.84	128	35902	2.58	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

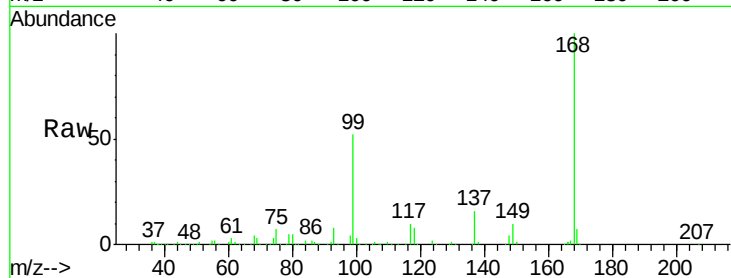
ClientSampleId :

Tot Ion:168 Resp: 238917

Ion Ratio Lower Upper

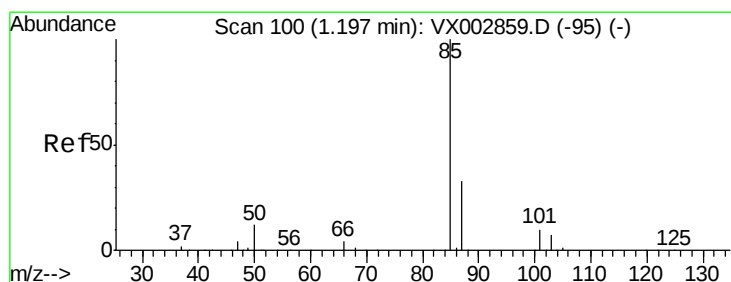
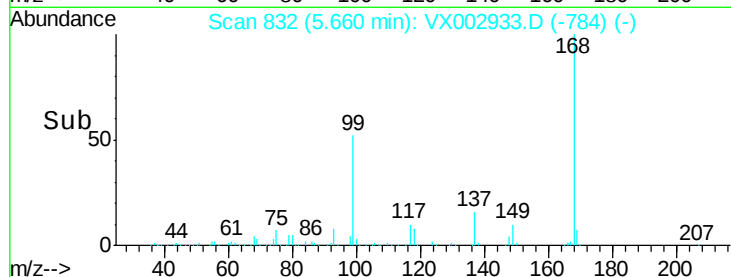
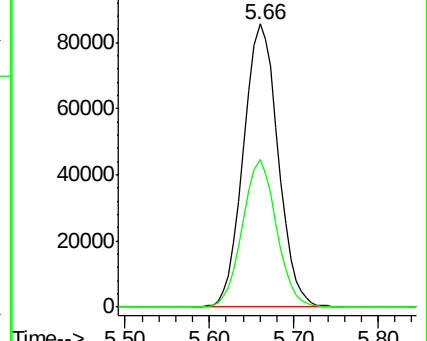
168 100

99 52.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002933.D

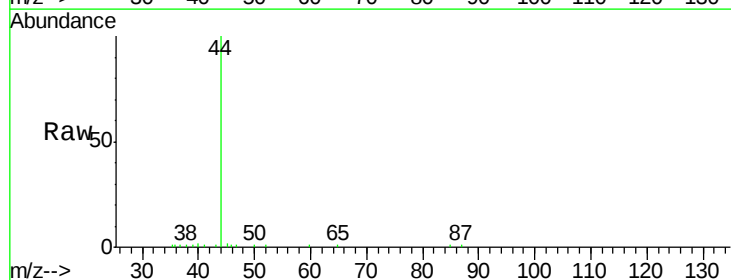
Acq: 27 Jun 2018 13:51

Tgt Ion: 85 Resp: 122

Ion Ratio Lower Upper

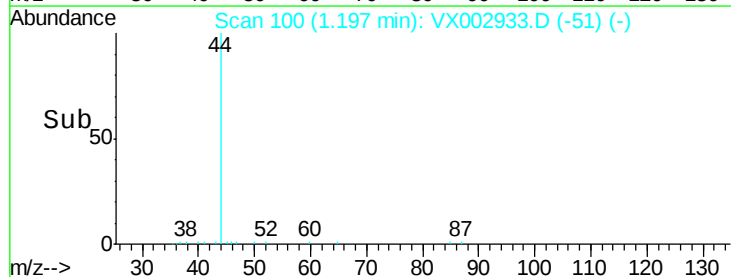
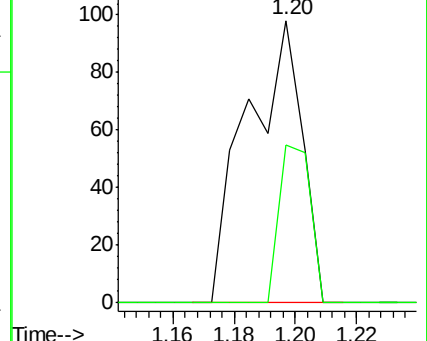
85 100

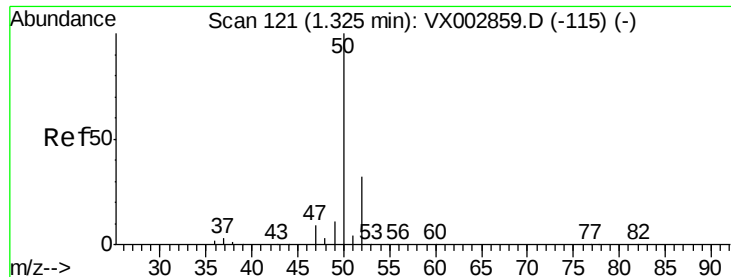
87 56.1 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

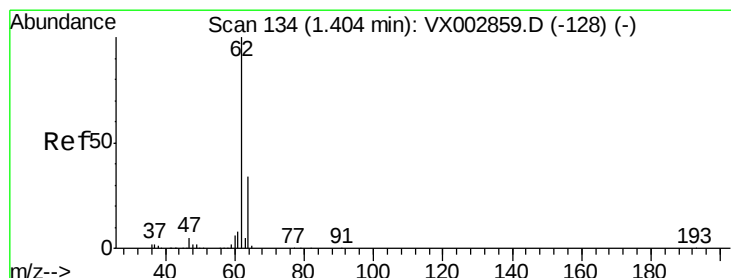
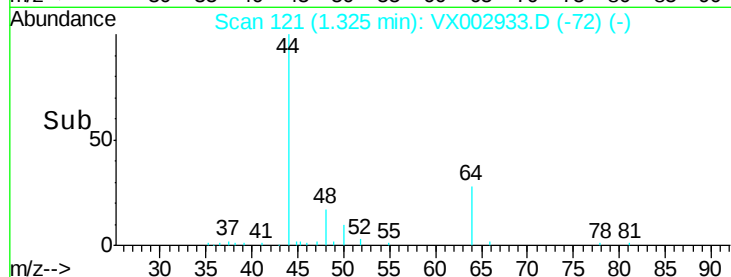
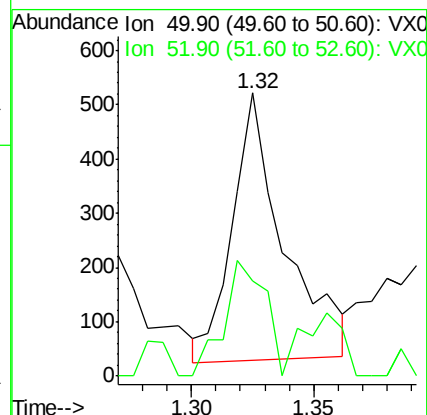
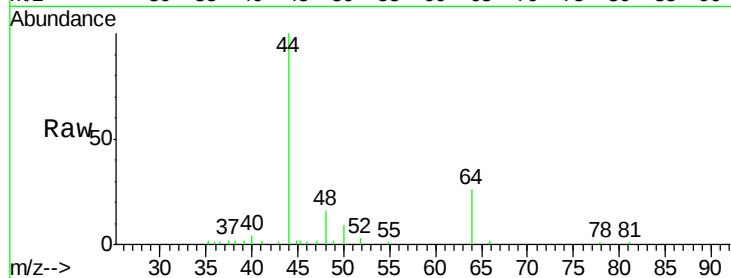
ClientSampleId :

Tot Ion: 50 Resp: 721

Ion Ratio Lower Upper

50 100

52 38.9 25.7 38.5#



#4

Vinyl Chloride

Concen: 7.01 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002933.D

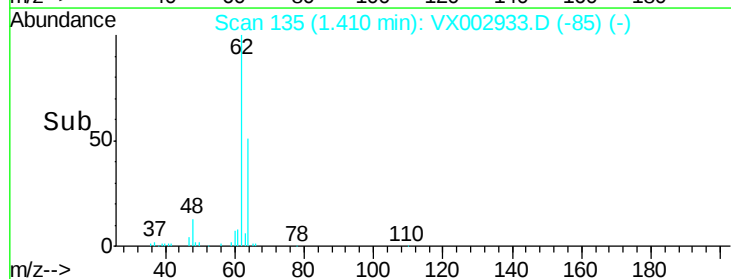
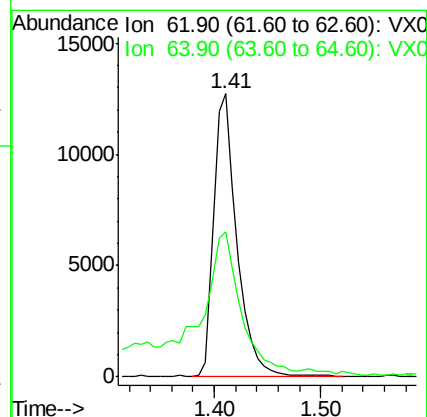
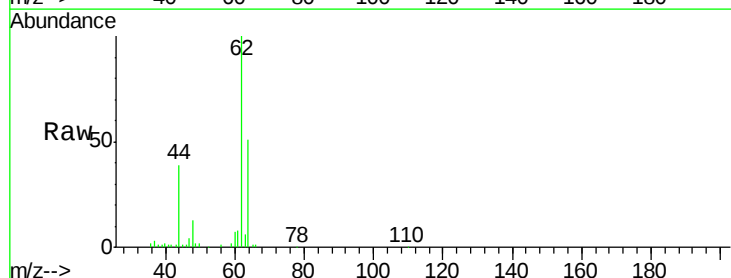
Acq: 27 Jun 2018 13:51

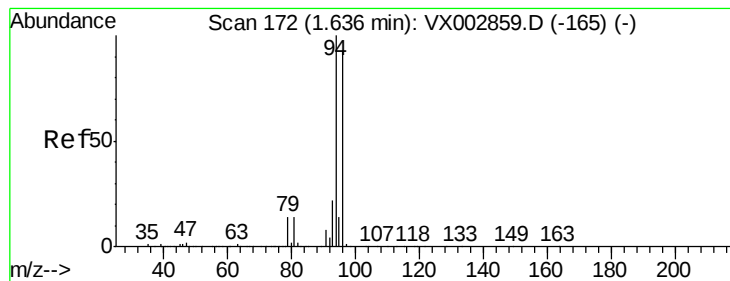
Tgt Ion: 62 Resp: 18932

Ion Ratio Lower Upper

62 100

64 49.2 25.4 38.2#





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

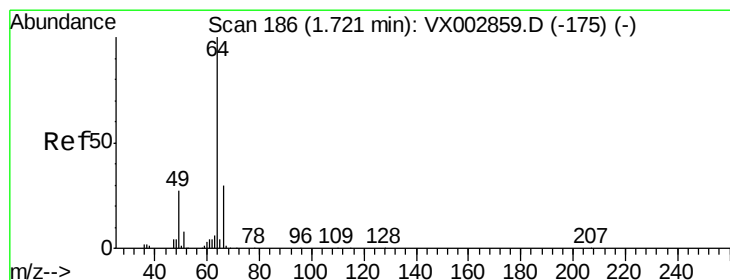
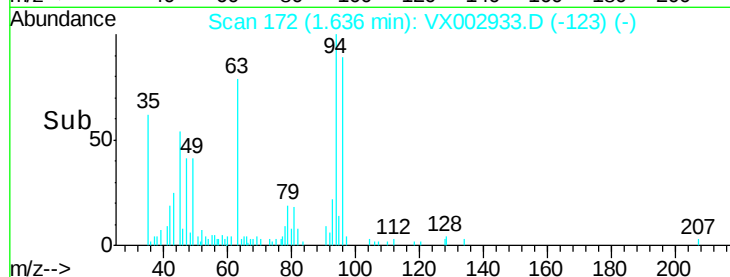
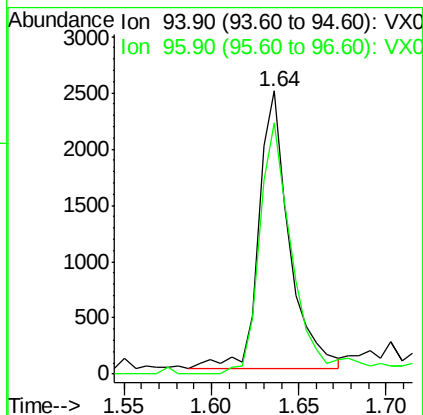
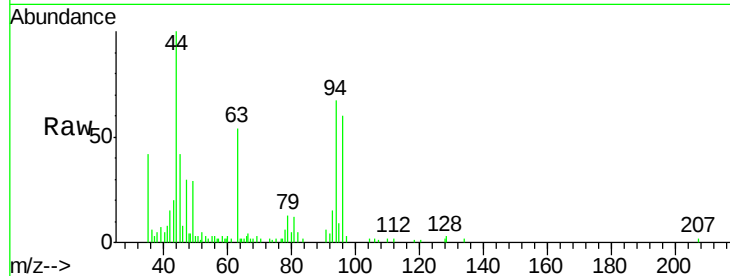
ClientSampleId :

Tot Ion: 94 Resp: 2964

Ion Ratio Lower Upper

94 100

96 90.7 74.9 112.3



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002933.D

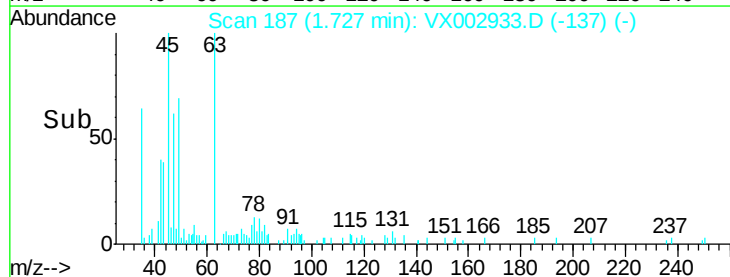
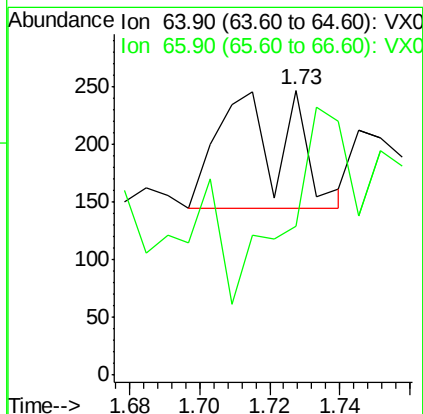
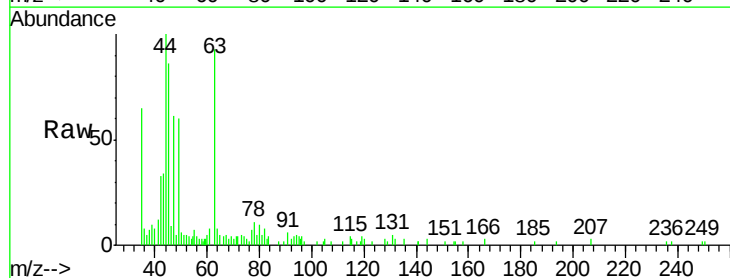
Acq: 27 Jun 2018 13:51

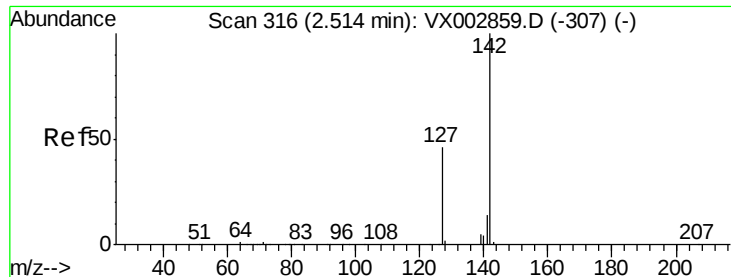
Tgt Ion: 64 Resp: 140

Ion Ratio Lower Upper

64 100

66 14.7 25.5 38.3#

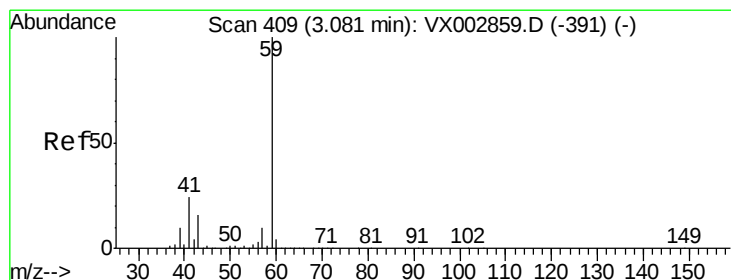
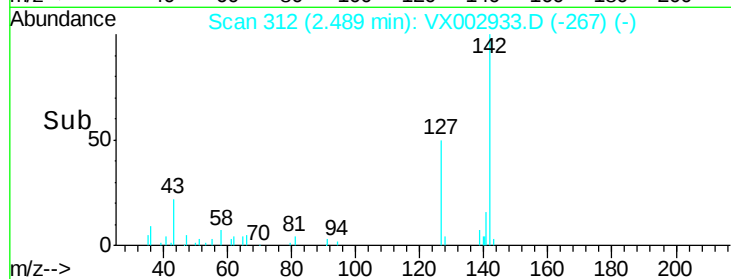
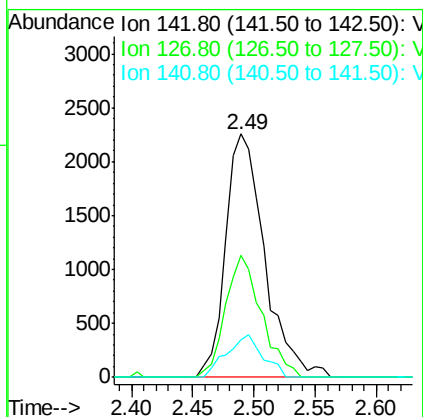
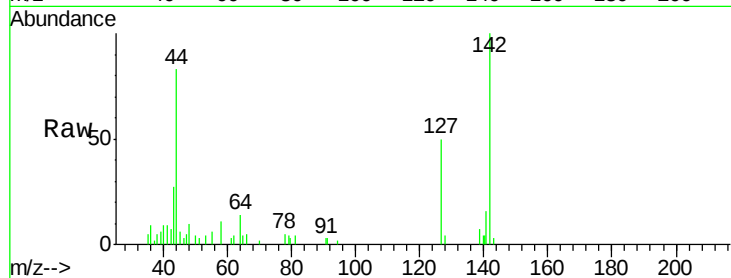




#10
Methvl Iodide
Concen: 7.85 ug/l
RT: 2.49 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

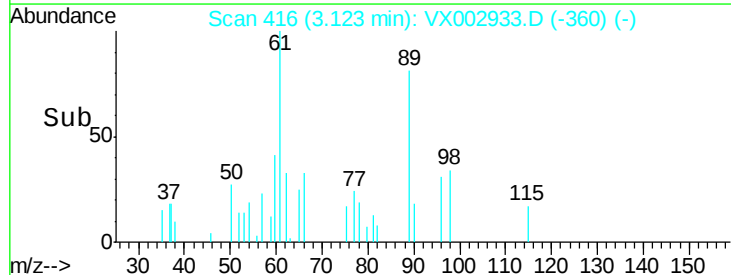
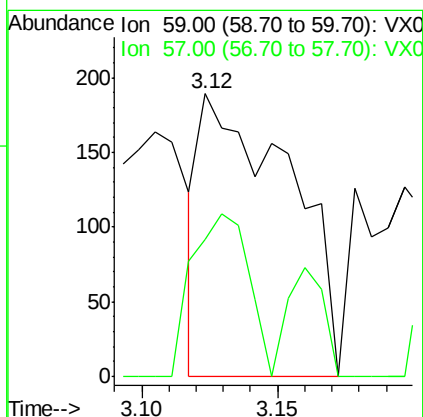
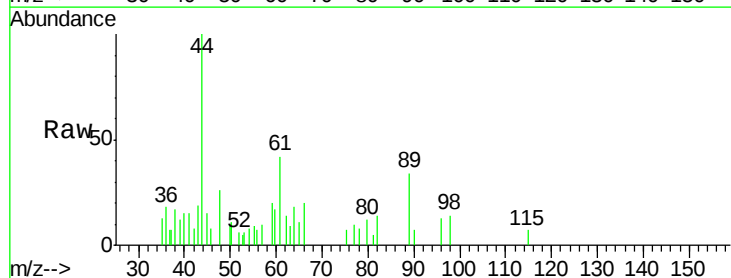
Instrument :
MSVOA_X
ClientSampled :

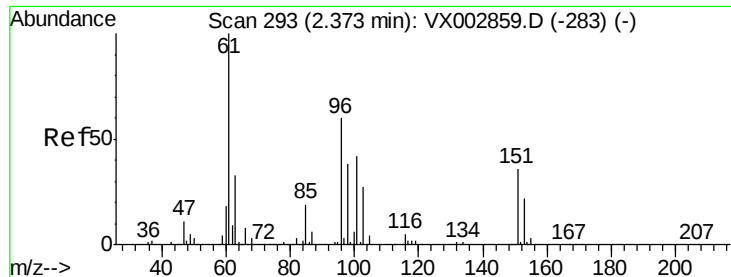
Tot Ion:142 Resp: 4976
Ion Ratio Lower Upper
142 100
127 46.3 36.6 55.0
141 16.2 11.3 16.9



#11
Tert butyl alcohol
Concen: 0.66 ug/l
RT: 3.12 min Scan# 416
Delta R.T. 0.04 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

Tgt Ion: 59 Resp: 434
Ion Ratio Lower Upper
59 100
57 36.2 8.2 12.2#





#12

1,1-Dichloroethene

Concen: 0.28 ug/l

RT: 2.34 min Scan# 288

Delta R.T. -0.03 min

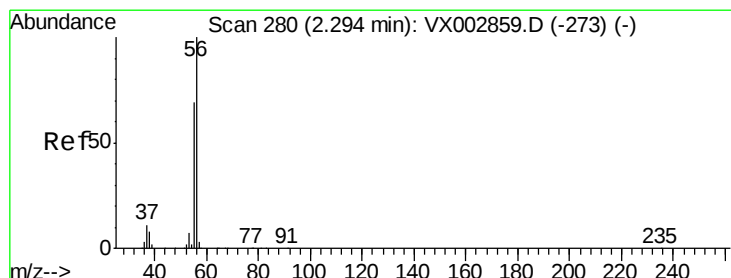
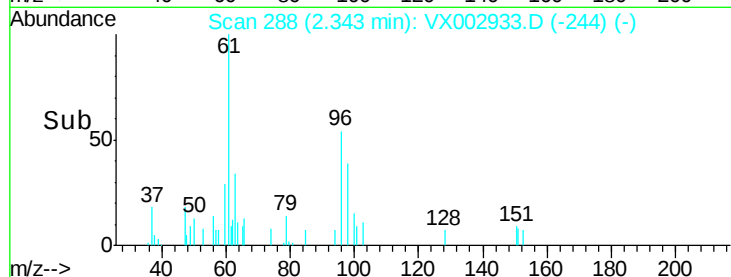
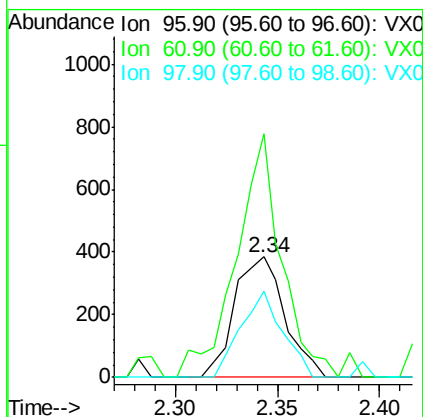
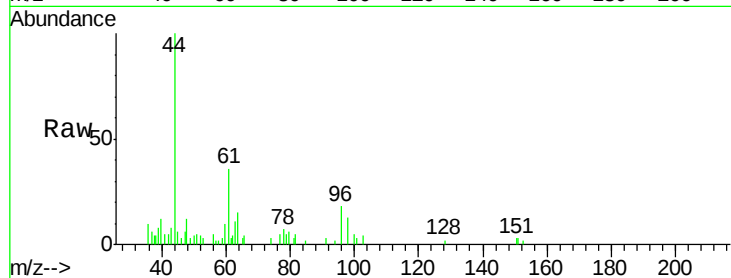
Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 658

Ion	Ratio	Lower	Upper
96	100		
61	202.3	137.9	206.9
98	71.9	51.6	77.4



#13

Acrolein

Concen: 5.02 ug/l

RT: 2.32 min Scan# 284

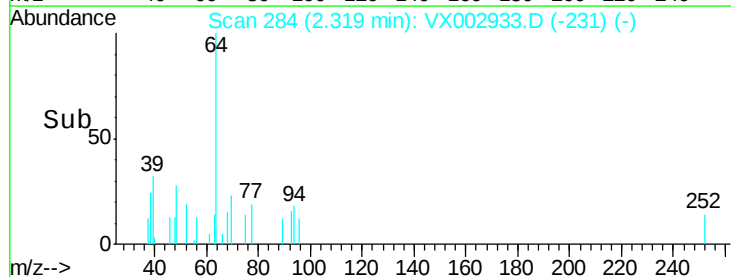
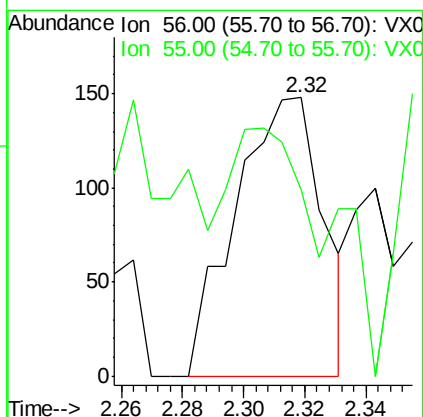
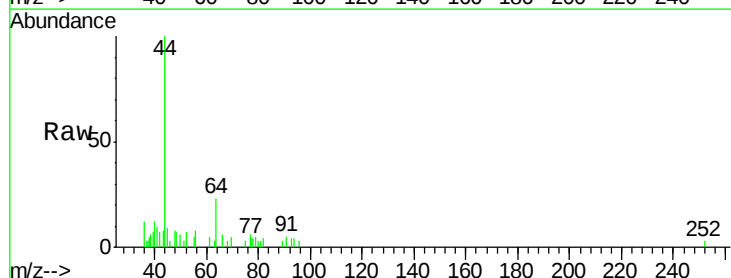
Delta R.T. 0.02 min

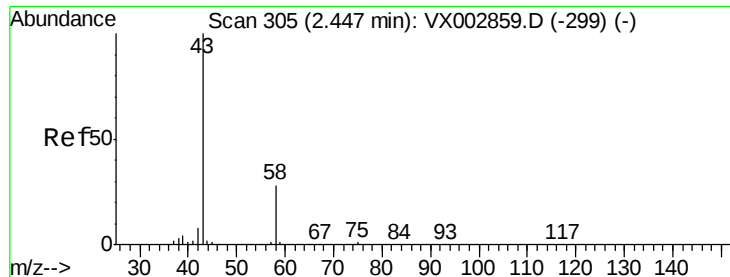
Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Tgt Ion: 56 Resp: 294

Ion	Ratio	Lower	Upper
56	100		
55	102.7	57.0	85.4#





#16

Acetone

Concen: 0.83 ug/l

RT: 2.48 min Scan# 311

Delta R.T. 0.04 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

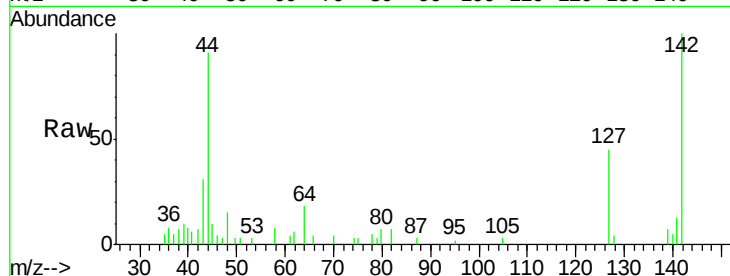
ClientSampleId :

Tot Ion: 43 Resp: 1134

Ion Ratio Lower Upper

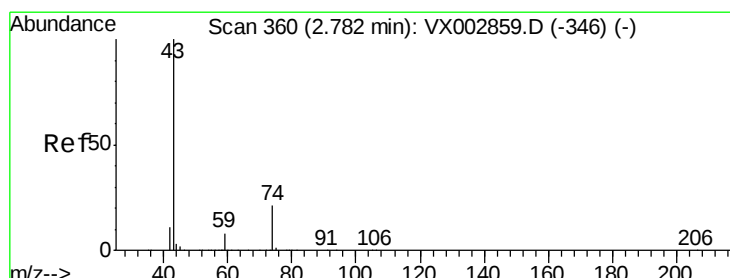
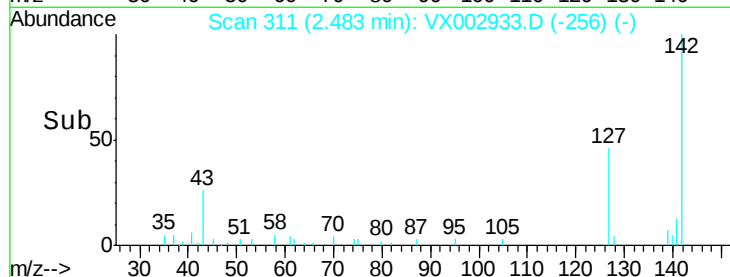
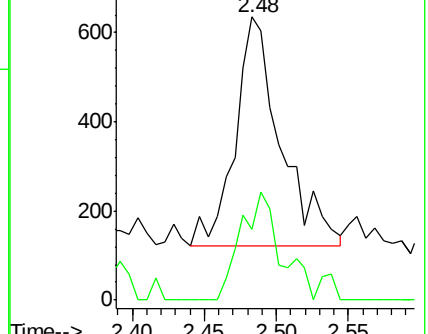
43 100

58 31.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.40 ug/l

RT: 2.79 min Scan# 362

Delta R.T. 0.01 min

Lab File: VX002933.D

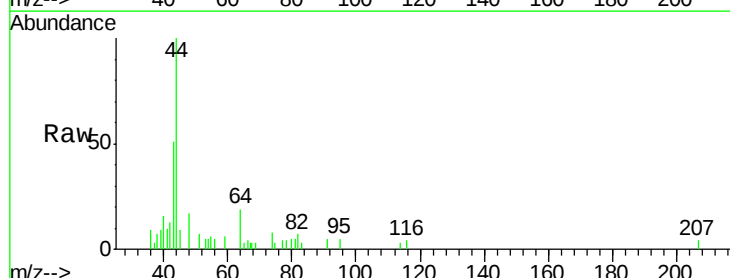
Acq: 27 Jun 2018 13:51

Tgt Ion: 43 Resp: 1535

Ion Ratio Lower Upper

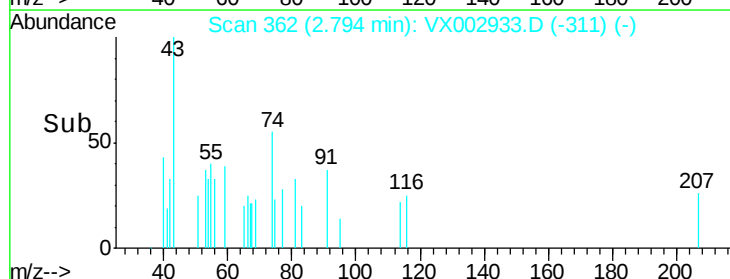
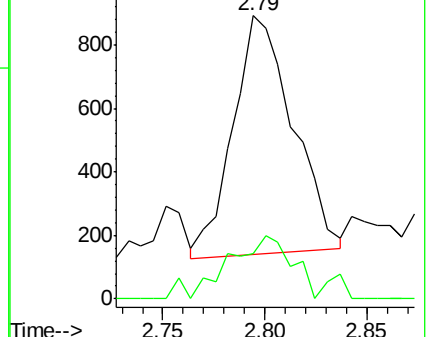
43 100

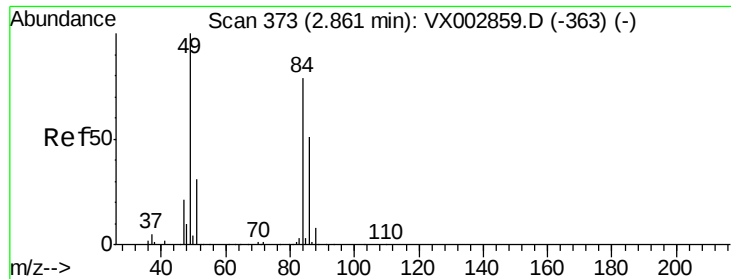
74 31.7 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

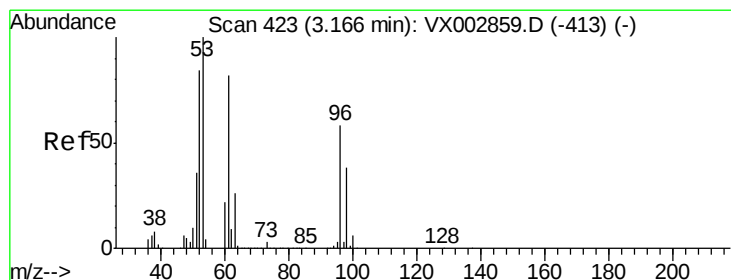
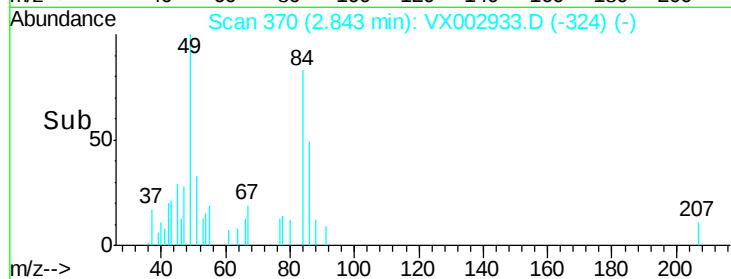
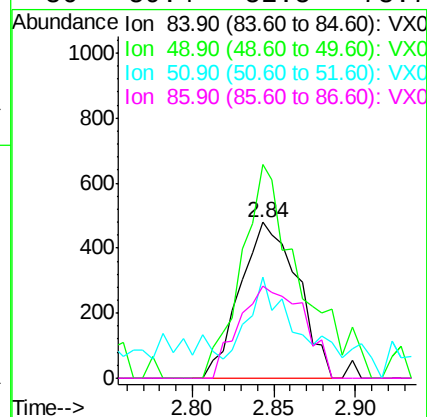
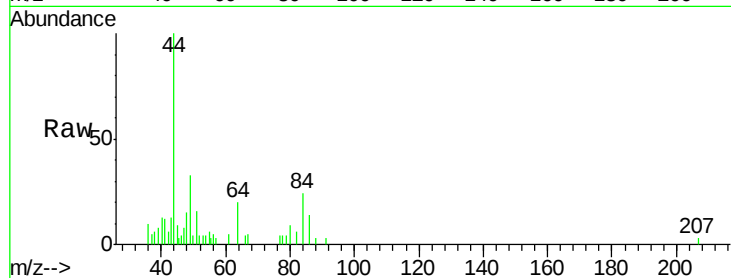




#20
Methvlene Chloride
Concen: 0.44 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.02 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

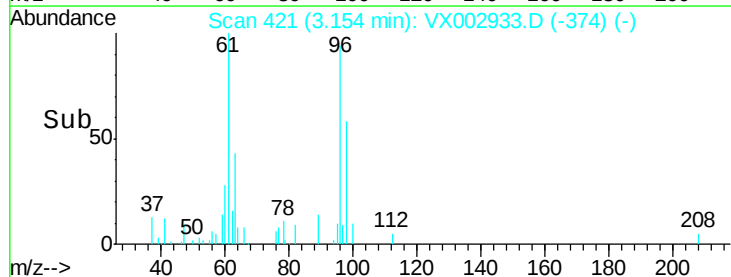
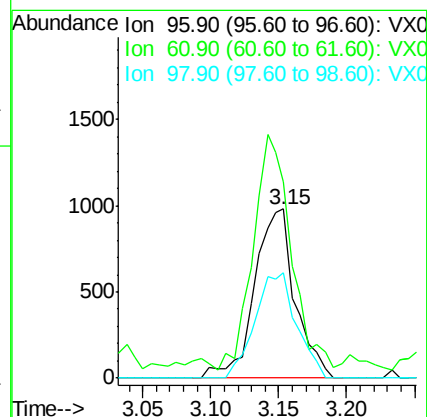
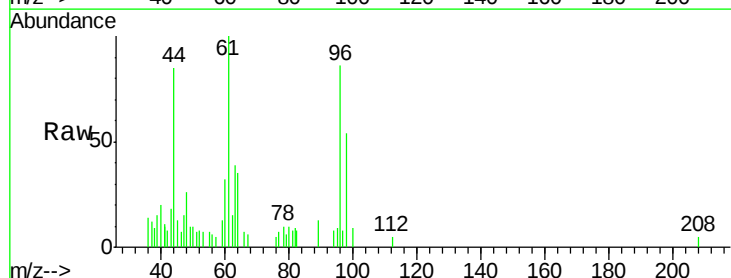
Instrument :
MSVOA_X
ClientSampled :

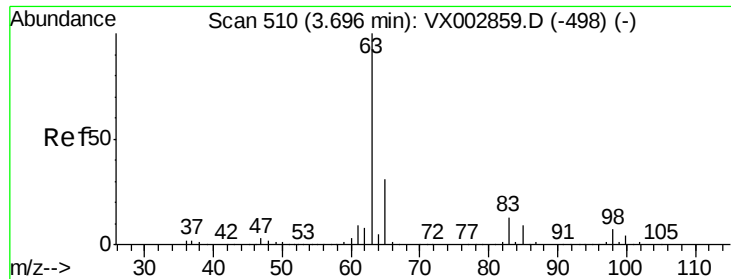
Tot Ion: 84 Resp: 1170
Ion Ratio Lower Upper
84 100
49 136.9 107.8 161.6
51 51.2 32.8 49.2#
86 59.4 52.5 78.7



#21
trans-1,2-Dichloroethene
Concen: 0.80 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

Tgt Ion: 96 Resp: 2052
Ion Ratio Lower Upper
96 100
61 106.8 117.0 175.4#
98 62.0 52.4 78.6





#24

1,1-Dichloroethane

Concen: 0.76 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

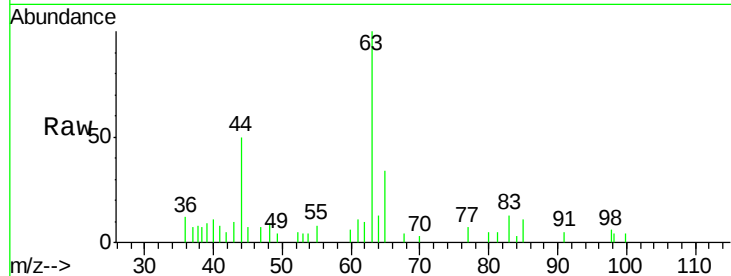
Tot Ion: 63 Resp: 3680

Ion Ratio Lower Upper

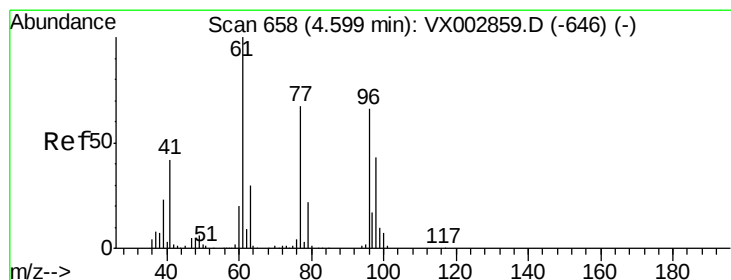
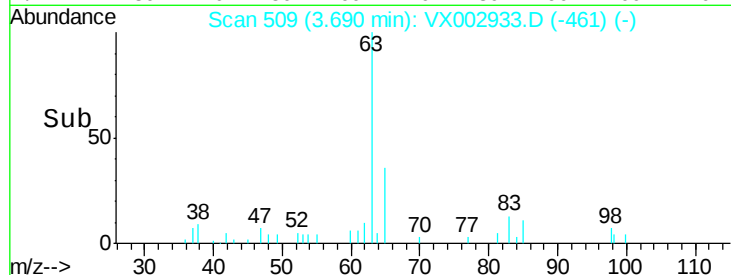
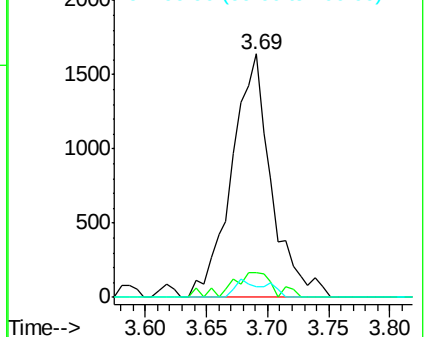
63 100

98 10.2 3.4 10.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 119.70 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

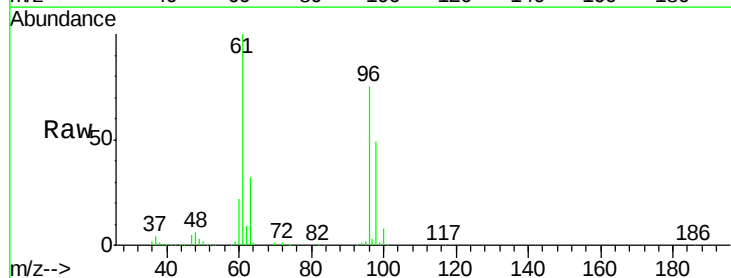
Tgt Ion: 96 Resp: 344421

Ion Ratio Lower Upper

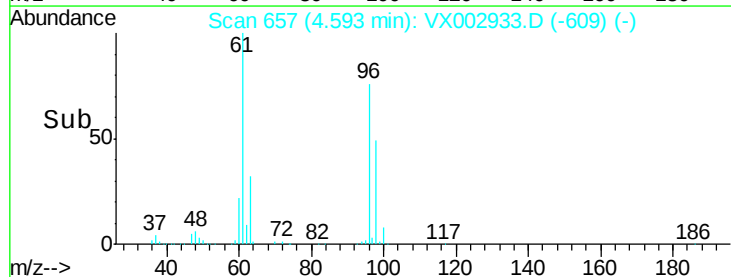
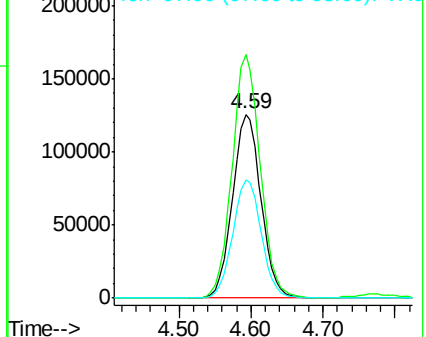
96 100

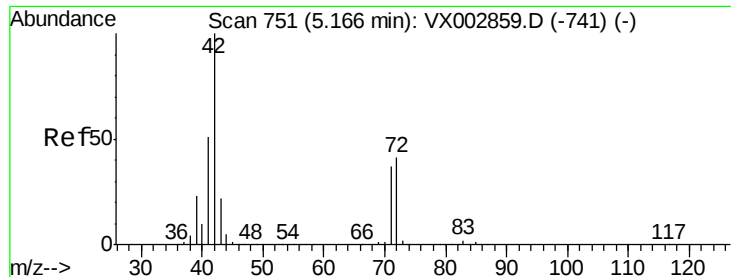
61 131.5 0.0 330.2

98 64.7 0.0 130.2



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

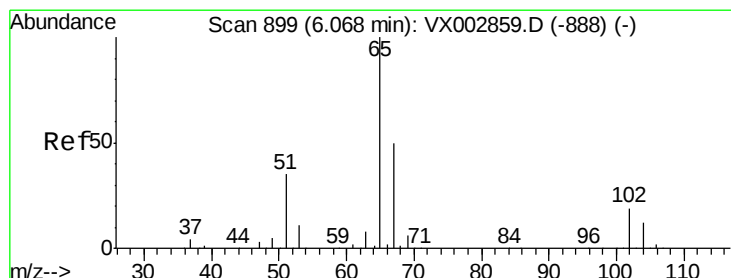
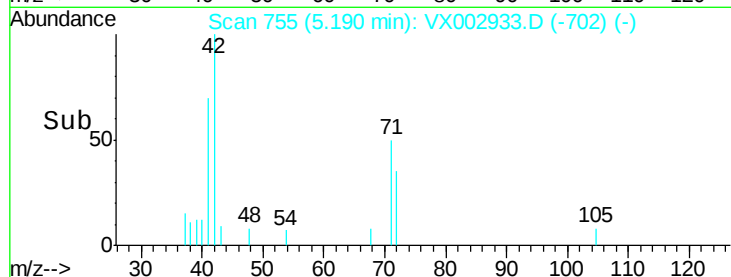
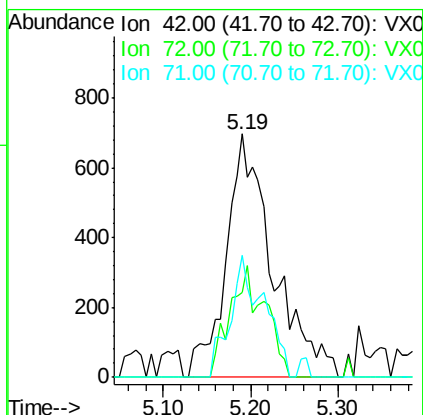
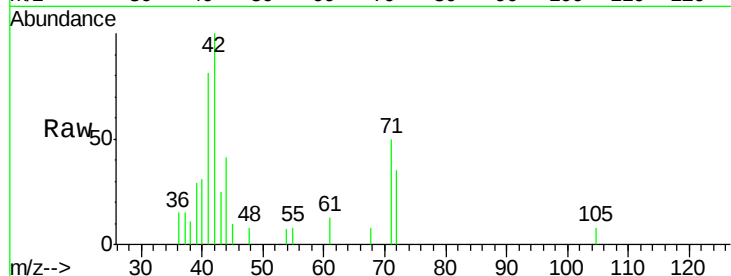




#29
Tetrahydrofuran
Concen: 1.98 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

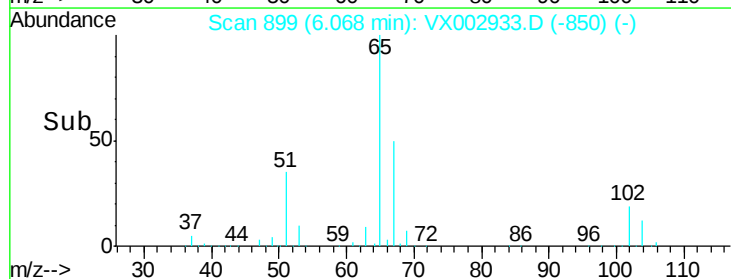
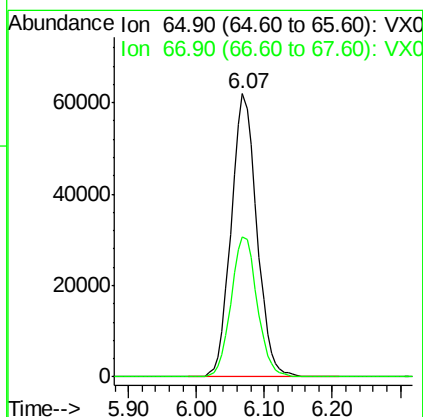
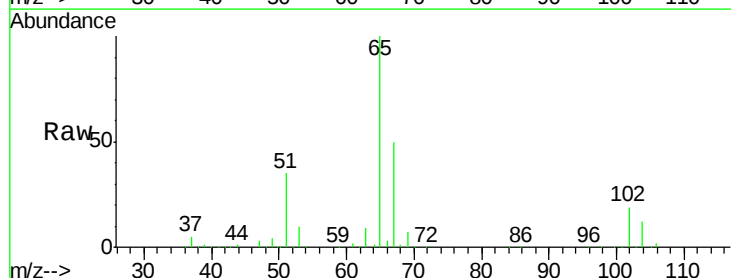
Instrument :
MSVOA_X
ClientSampled :

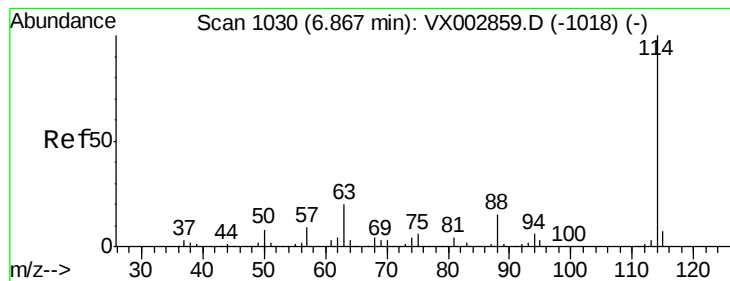
Tot Ion: 42 Resp: 2582
Ion Ratio Lower Upper
42 100
72 24.7 32.0 48.0#
71 36.5 30.1 45.1



#33
1,2-Dichloroethane-d4
Concen: 49.17 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

Tgt Ion: 65 Resp: 162381
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

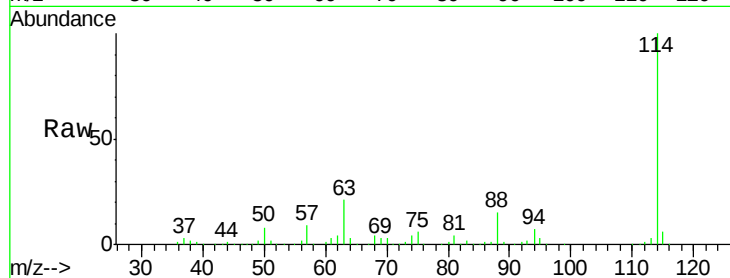
Tot Ion:114 Resp: 337795

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

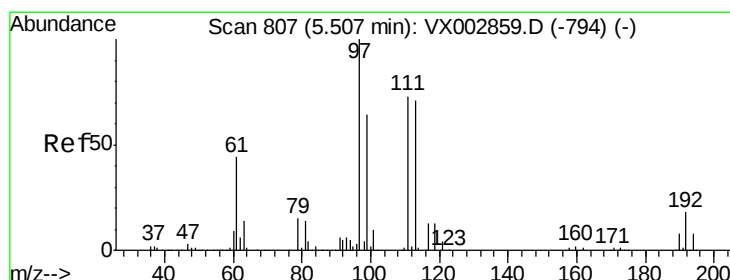
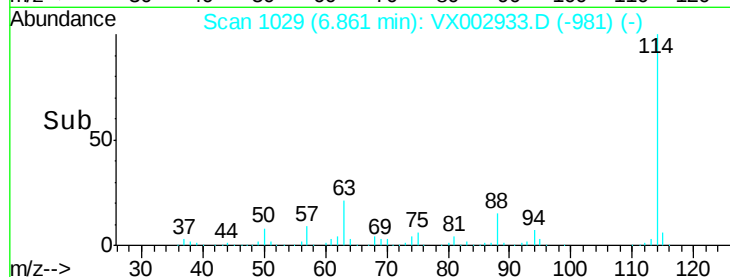
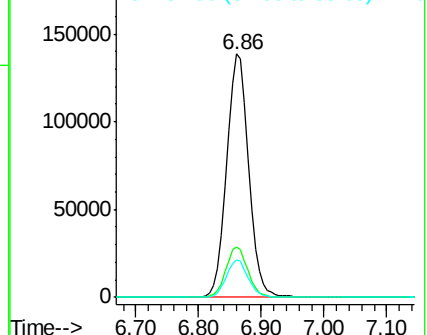
88 15.4 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.55 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

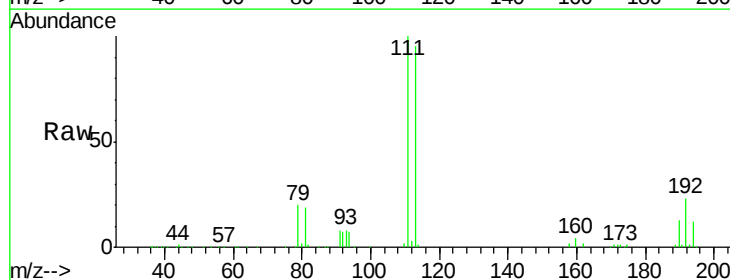
Tgt Ion:113 Resp: 124520

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

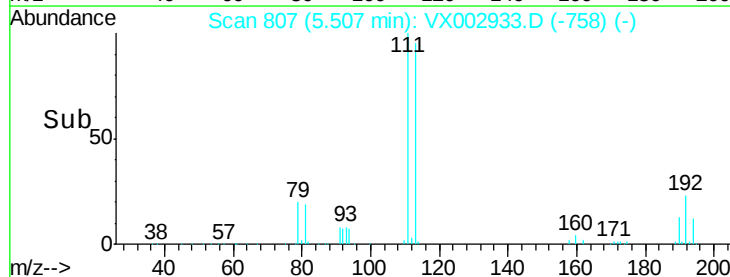
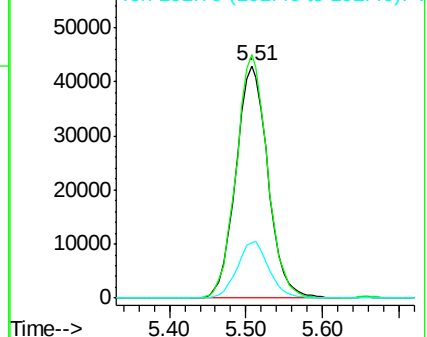
192 24.0 19.1 28.7

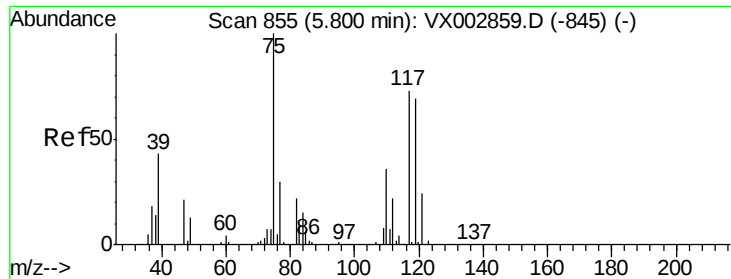


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.45 ug/l

RT: 5.65 min Scan# 831

Delta R.T. -0.15 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

ClientSampled :

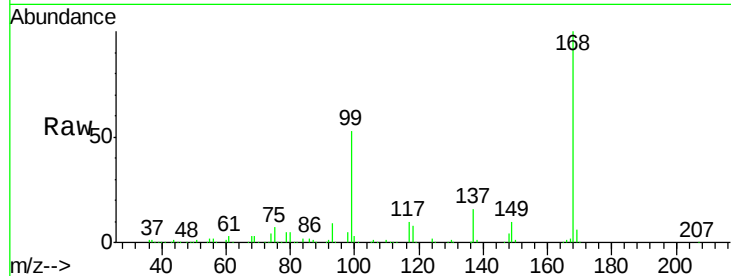
Tot Ion: 75 Resp: 16487

Ion Ratio Lower Upper

75 100

110 11.0 18.1 54.4#

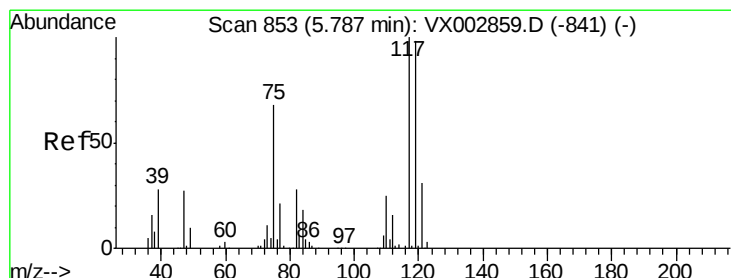
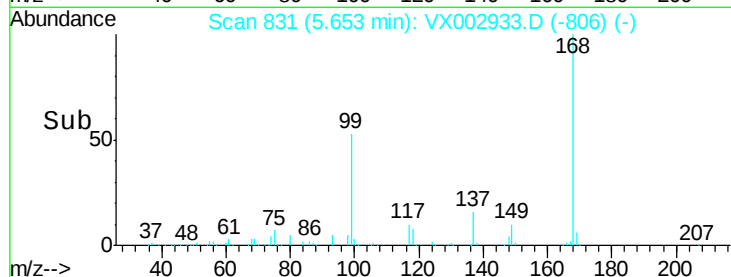
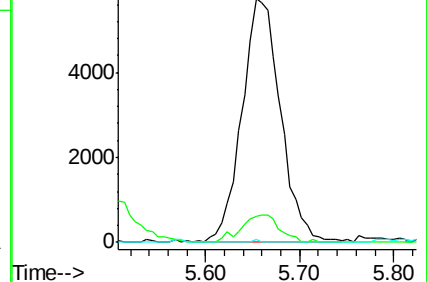
77 0.1 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VX002859.D (-845) (-)

Ion 109.90 (109.60 to 110.60): VX002859.D (-845) (-)

Ion 76.90 (76.60 to 77.60): VX002859.D (-845) (-)



#38

Carbon Tetrachloride

Concen: 5.42 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.13 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

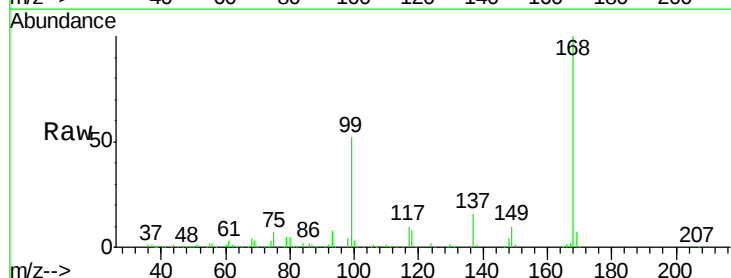
Tgt Ion: 117 Resp: 22053

Ion Ratio Lower Upper

117 100

119 3.9 77.4 116.0#

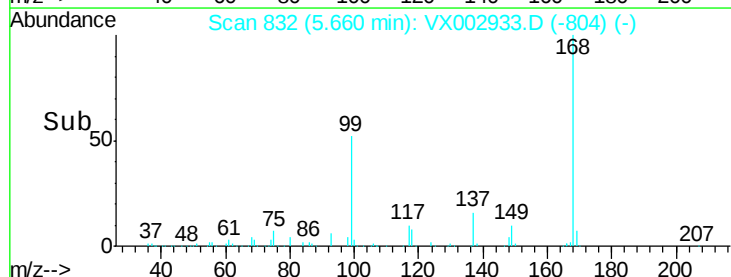
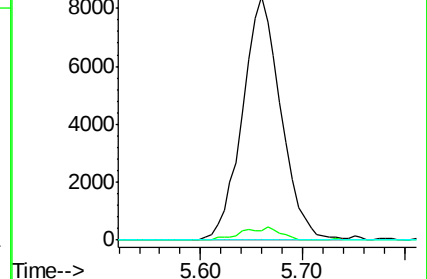
121 0.0 24.4 36.6#

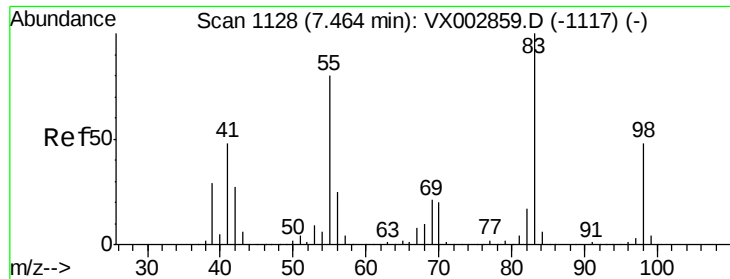


Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-841) (-)

Ion 118.80 (118.50 to 119.50): VX002859.D (-841) (-)

Ion 120.80 (120.50 to 121.50): VX002859.D (-841) (-)

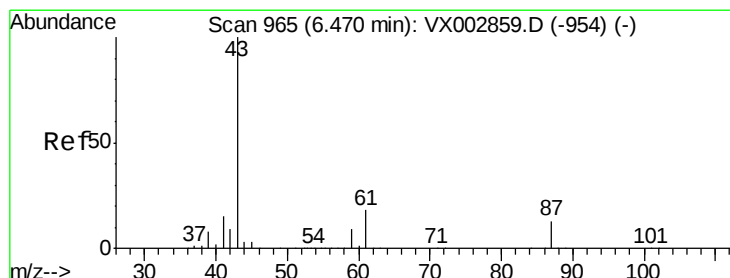
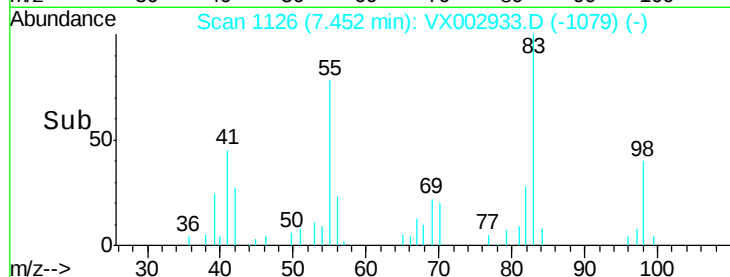
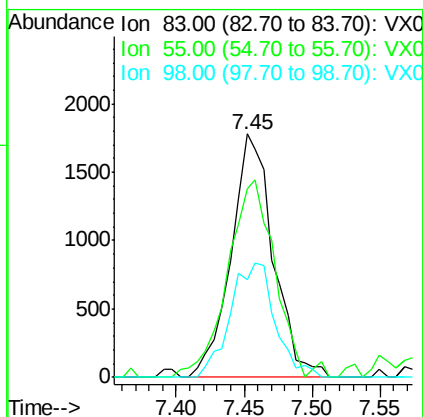
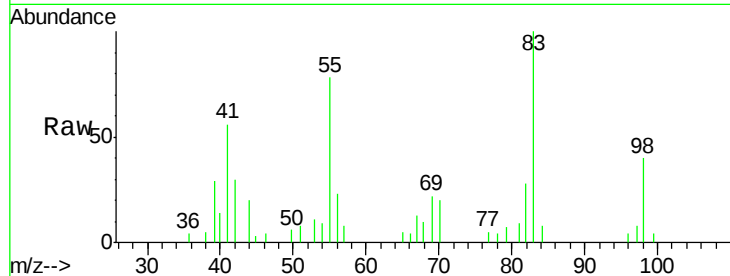




#39
Methvlcvclohexane
Concen: 0.89 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

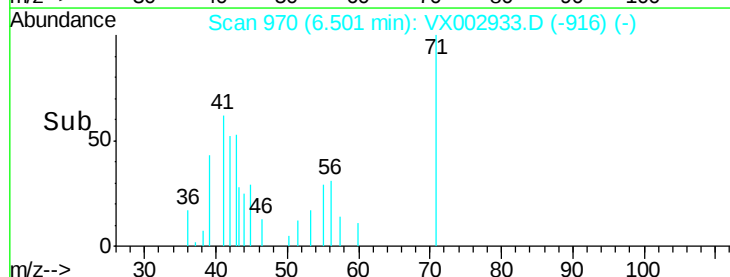
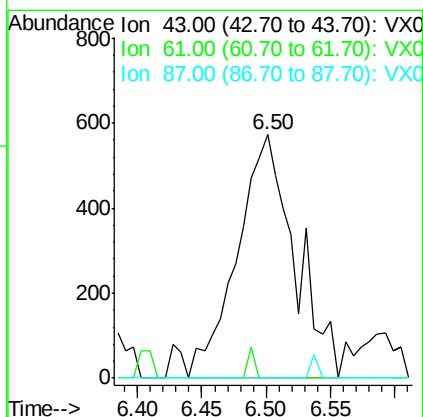
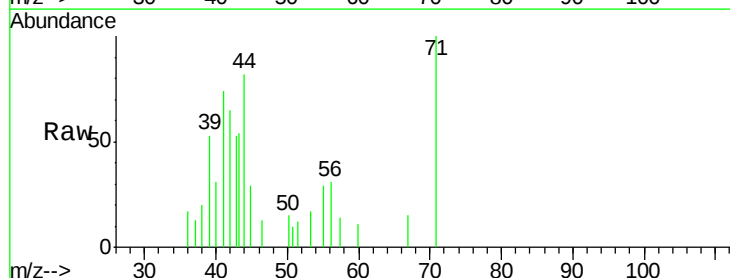
Instrument :
MSVOA_X
ClientSampled :

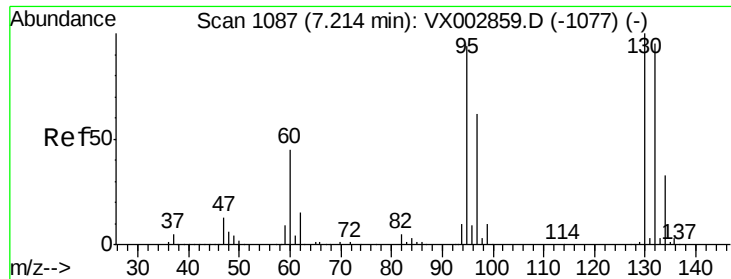
Tot Ion: 83 Resp: 3851
Ion Ratio Lower Upper
83 100
55 77.6 65.4 98.0
98 40.4 37.4 56.0



#43
Isopropyl Acetate
Concen: 0.27 ug/l
RT: 6.50 min Scan# 970
Delta R.T. 0.03 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

Tgt Ion: 43 Resp: 1778
Ion Ratio Lower Upper
43 100
61 1.5 14.4 21.6#
87 0.0 9.5 14.3#

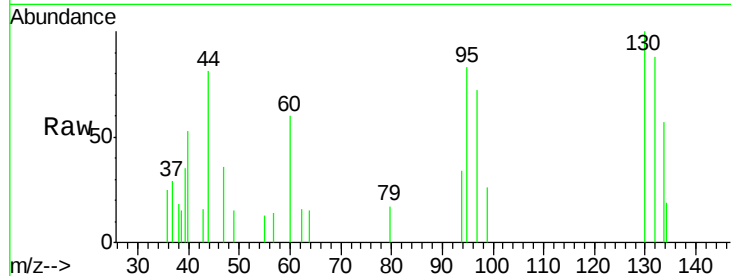




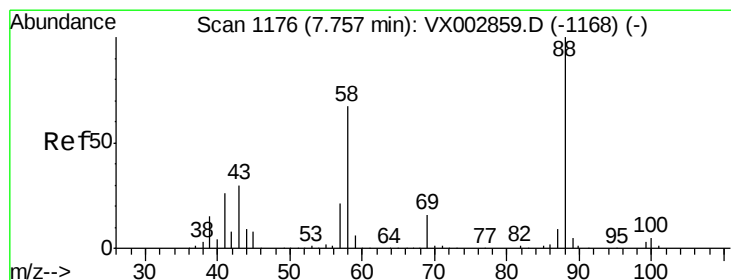
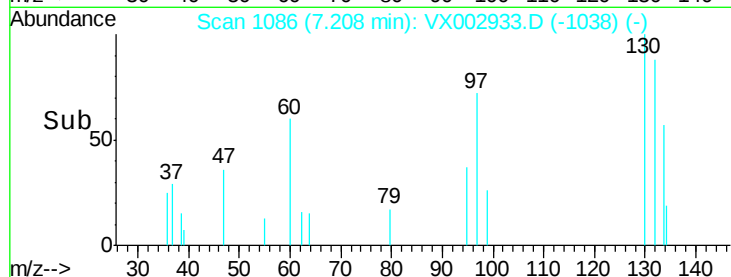
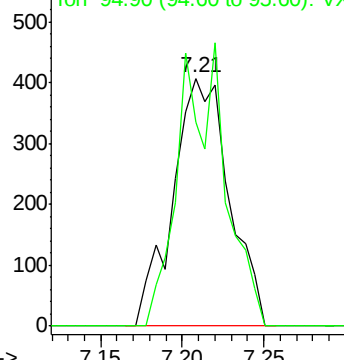
#44
 Trichloroethene
 Concen: 0.31 ug/l
 RT: 7.21 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: VX002933.D
 Acq: 27 Jun 2018 13:51

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:130 Resp: 979
 Ion Ratio Lower Upper
 130 100
 95 82.6 0.0 185.4

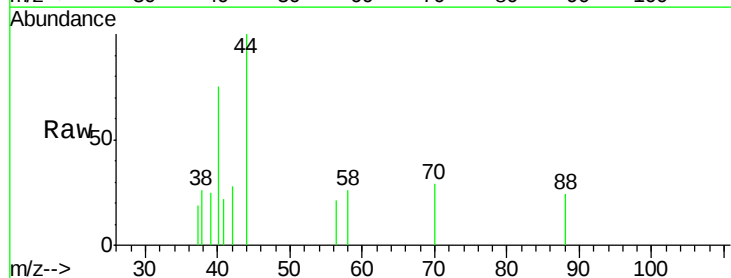


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

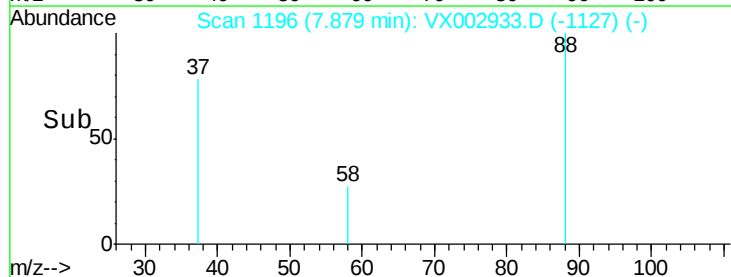
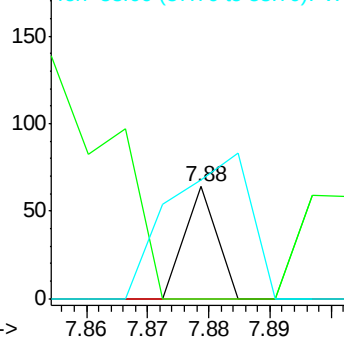


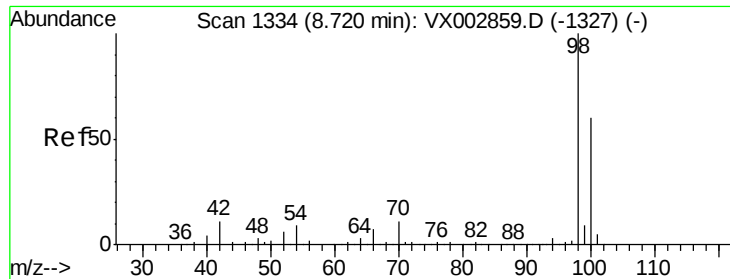
#49
 1,4-Dioxane
 Concen: 0.34 ug/l
 RT: 7.88 min Scan# 1196
 Delta R.T. 0.12 min
 Lab File: VX002933.D
 Acq: 27 Jun 2018 13:51

Tgt Ion: 88 Resp: 23
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.8 44.6#
 58 326.1 57.1 85.7#



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

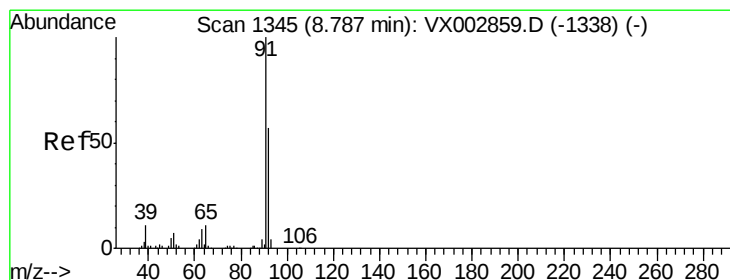
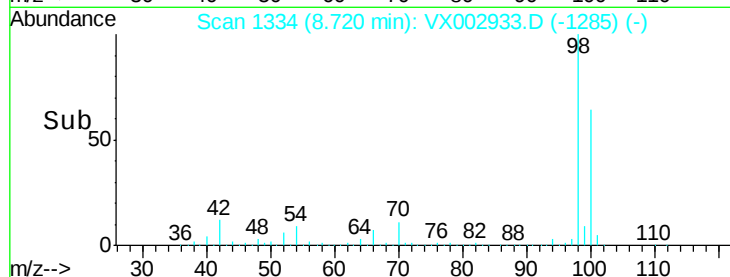
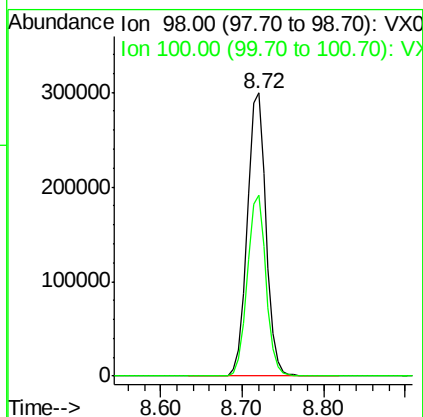
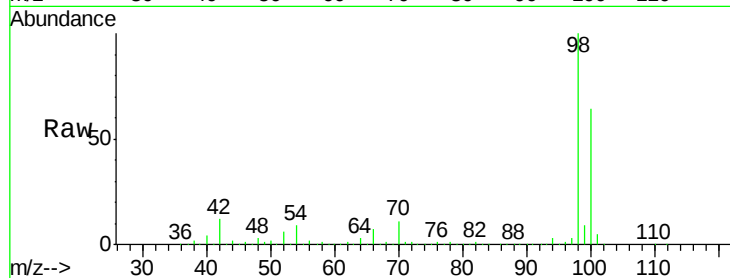




#50
Toluene-d8
Concen: 48.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

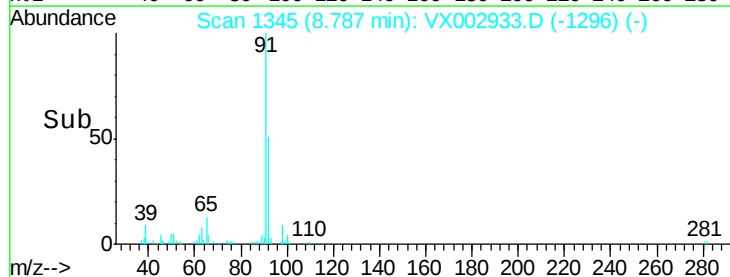
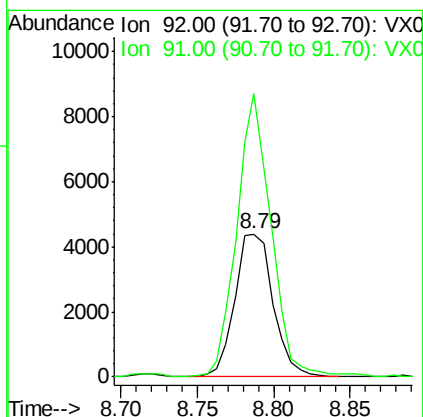
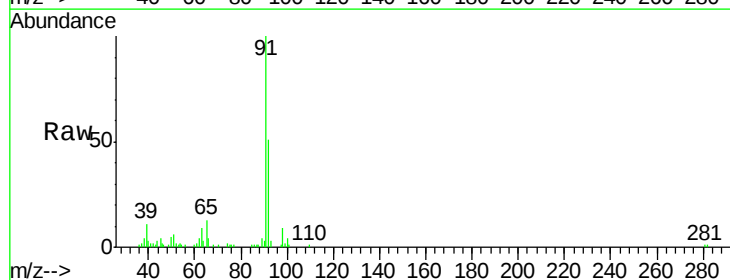
Instrument :
MSVOA_X
ClientSampleId :

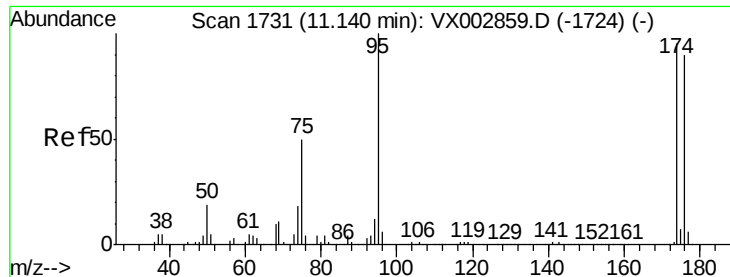
Tot Ion: 98 Resp: 478206
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#52
Toluene
Concen: 1.11 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

Tgt Ion: 92 Resp: 7620
Ion Ratio Lower Upper
92 100
91 178.1 140.4 210.6

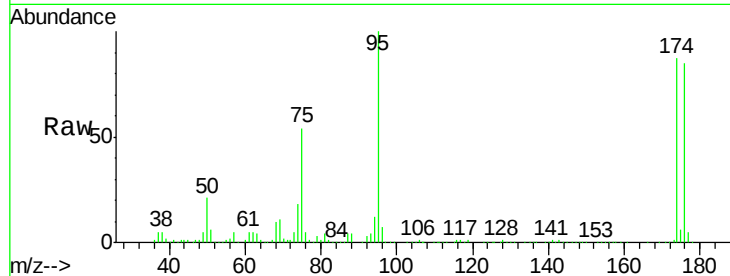




#62
4-Bromofluorobenzene
Concen: 48.80 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :

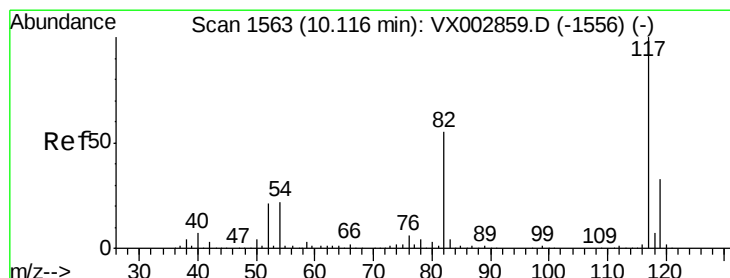
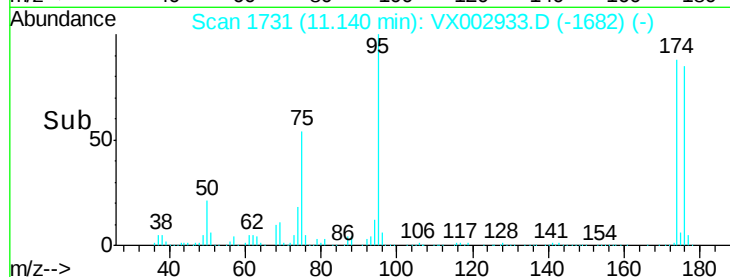
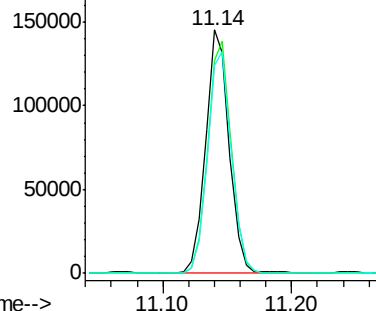
Tot Ion	95	Resp	183827
Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	187.4
176	92.6	0.0	181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002933.D (-1682) (-)

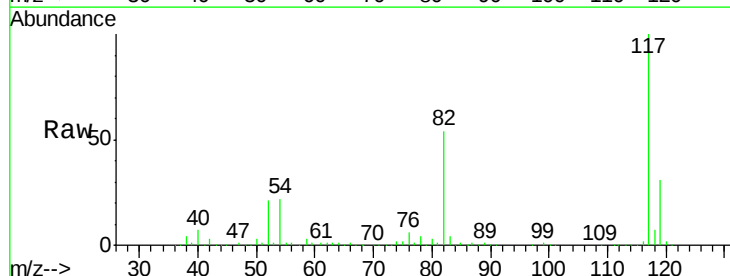
Ion 173.80 (173.50 to 174.50): VX002933.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002933.D (-1682) (-)



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

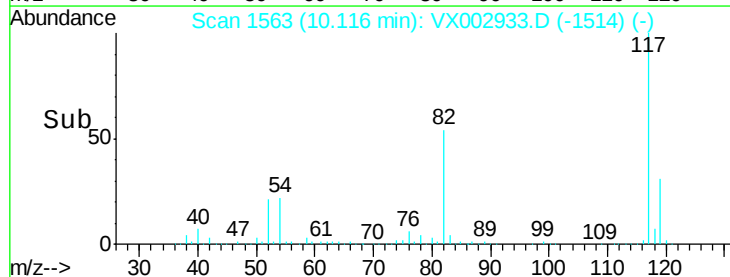
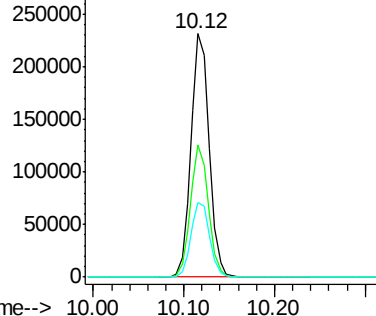
Tgt Ion	117	Resp	322969
Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.0	67.4
119	30.6	25.8	38.6

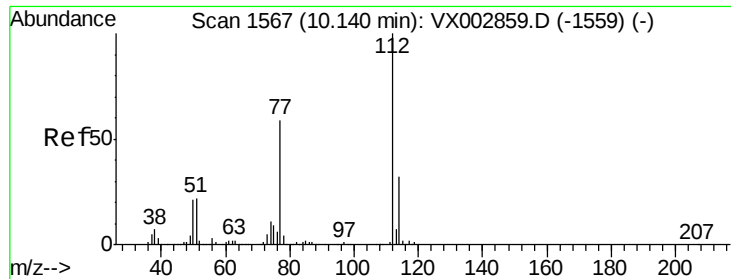


Abundance Ion 116.90 (116.60 to 117.60): VX002933.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002933.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002933.D (-1514) (-)

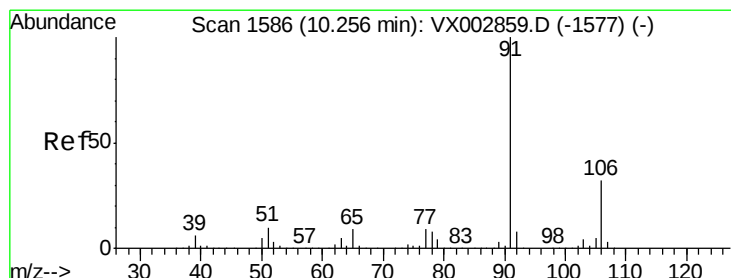
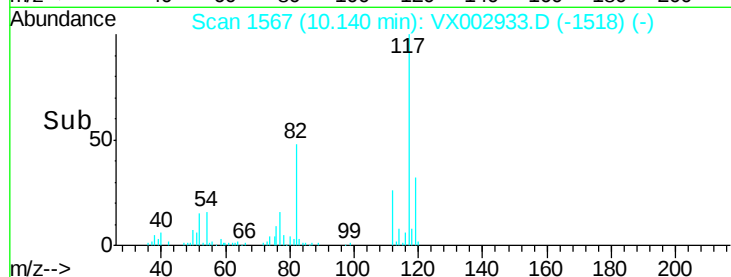
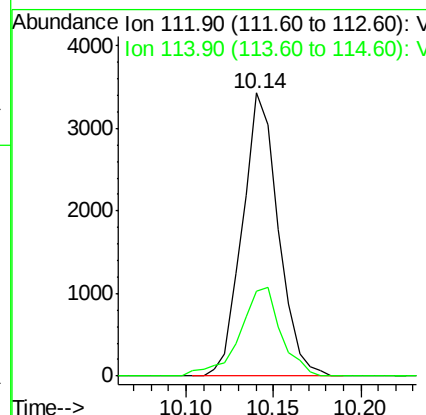
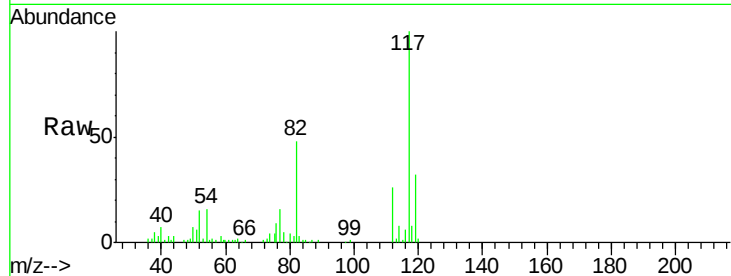




#65
Chlorobenzene
Concen: 0.60 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

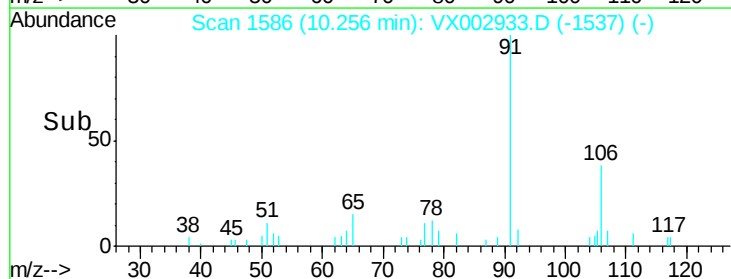
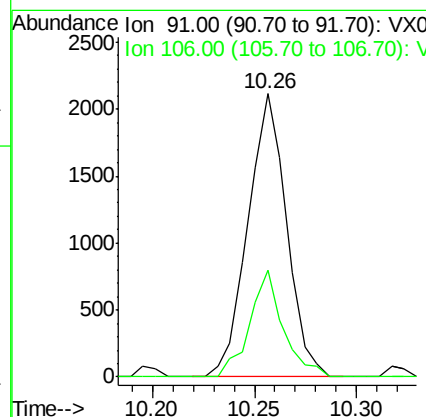
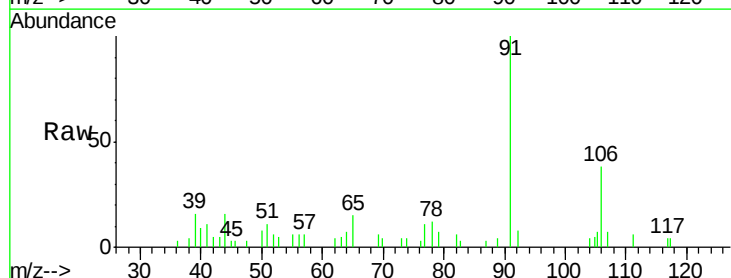
Instrument :
MSVOA_X
ClientSampleId :

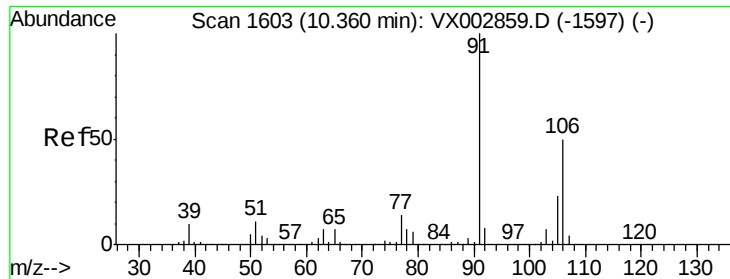
Tot Ion:112 Resp: 4887
Ion Ratio Lower Upper
112 100
114 29.9 25.3 37.9



#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

Tgt Ion: 91 Resp: 2780
Ion Ratio Lower Upper
91 100
106 37.7 25.5 38.3

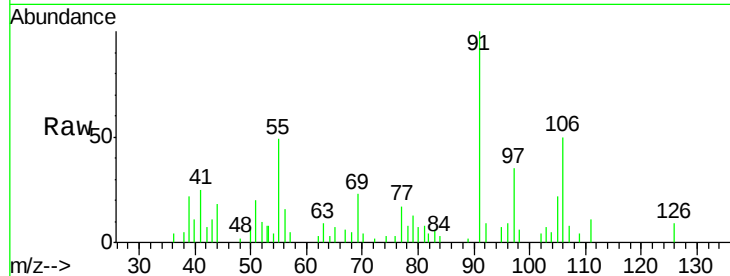




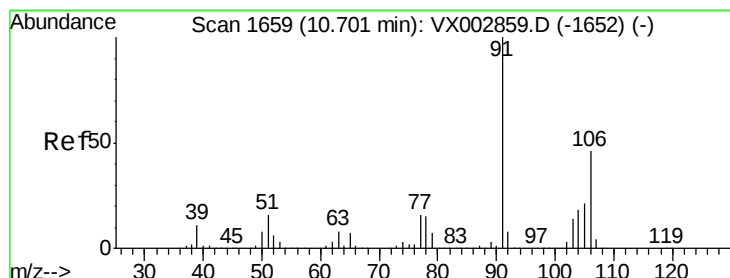
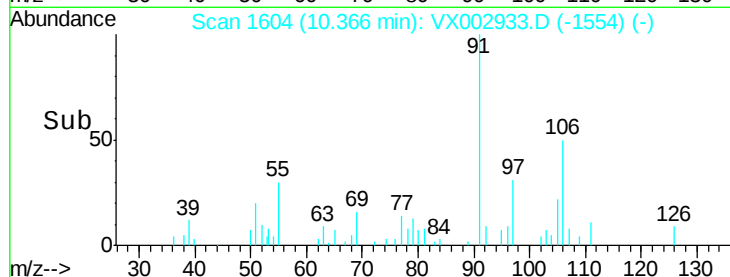
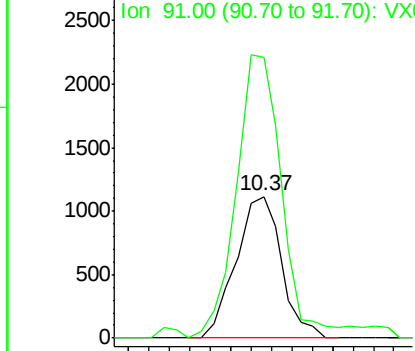
#68
m/p-Xvlenes
Concen: 0.33 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 1727
Ion Ratio Lower Upper
106 100
91 198.8 163.4 245.2

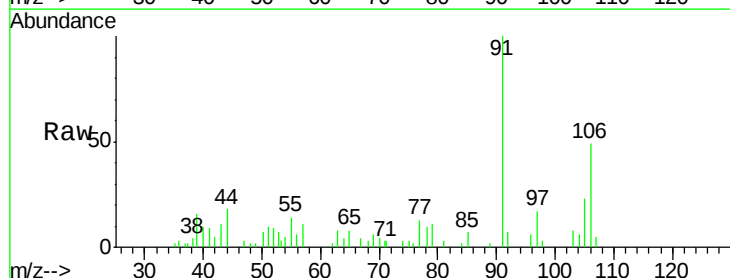


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

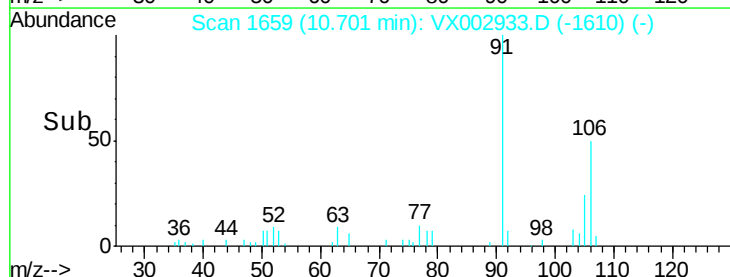
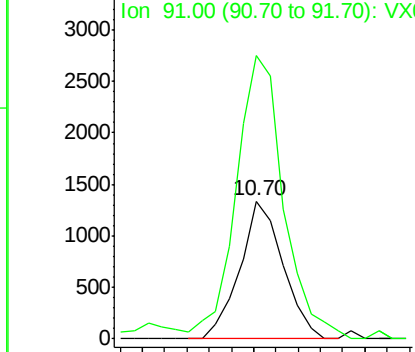


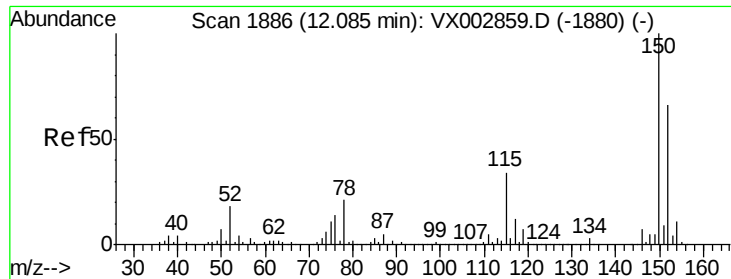
#69
o-Xylene
Concen: 0.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

Tgt Ion:106 Resp: 1811
Ion Ratio Lower Upper
106 100
91 224.8 108.2 324.6



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

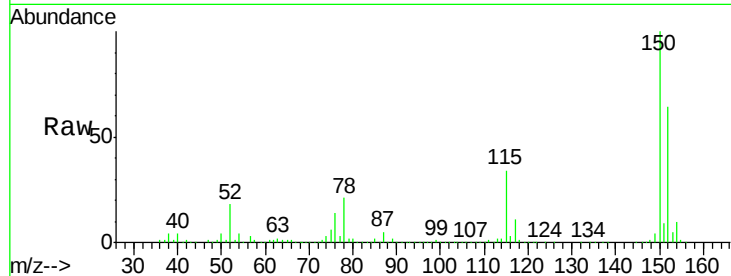
Tot Ion:152 Resp: 203371

Ion Ratio Lower Upper

152 100

115 55.2 40.1 120.2

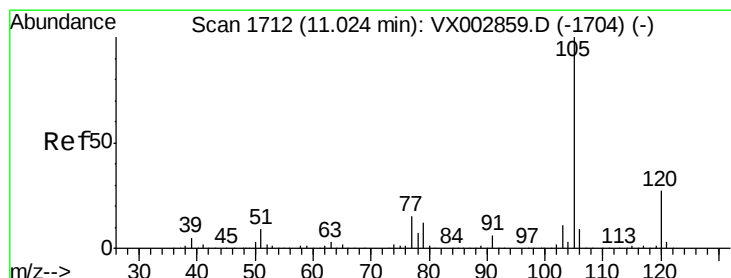
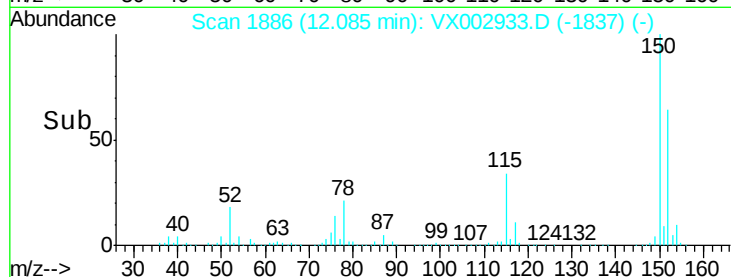
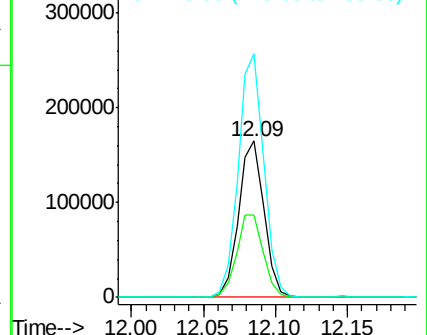
150 156.9 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.22 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002933.D

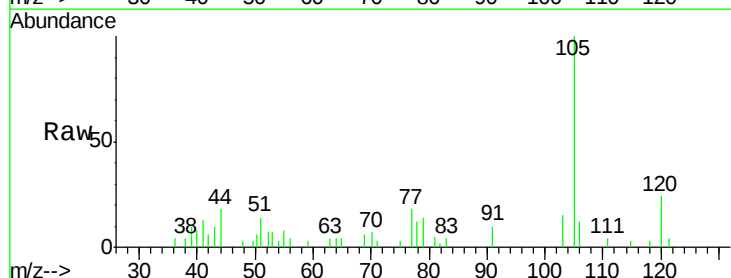
Acq: 27 Jun 2018 13:51

Tgt Ion:105 Resp: 3069

Ion Ratio Lower Upper

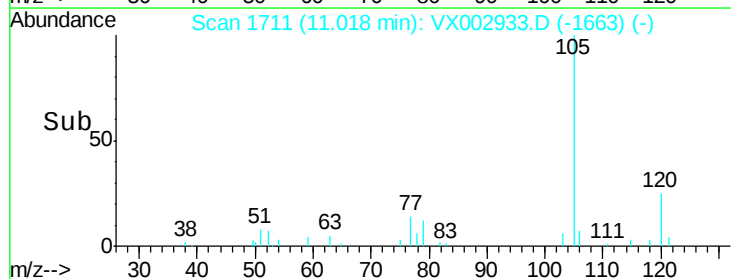
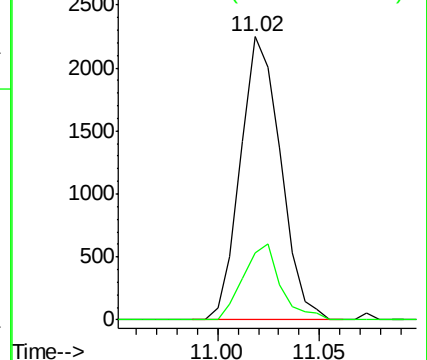
105 100

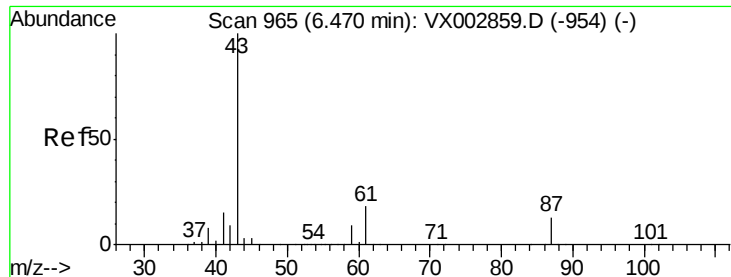
120 25.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.27 ug/l

RT: 6.50 min Scan# 970

Delta R.T. 0.03 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 1778

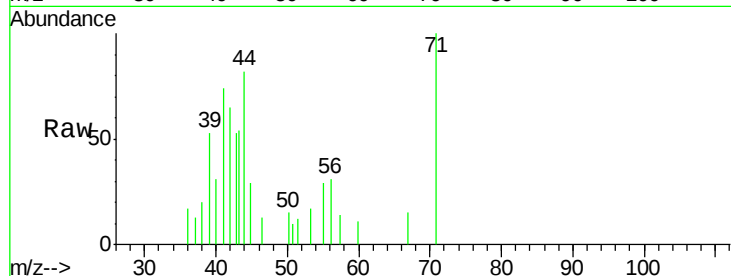
Ion Ratio Lower Upper

43 100

70 1.6 0.0 0.0#

55 18.6 0.0 0.0#

61 1.5 14.4 21.6#

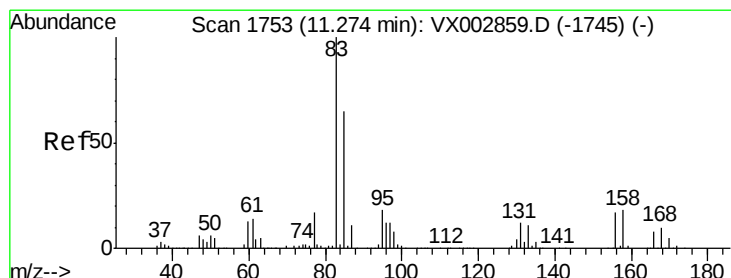
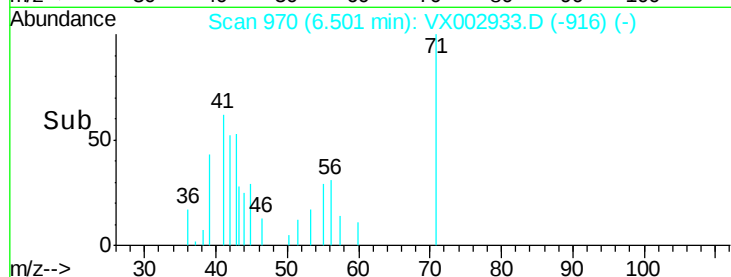
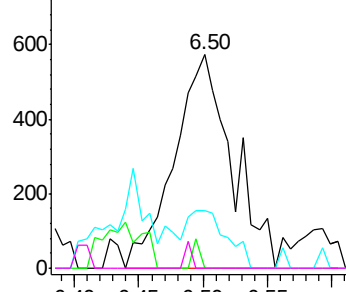


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

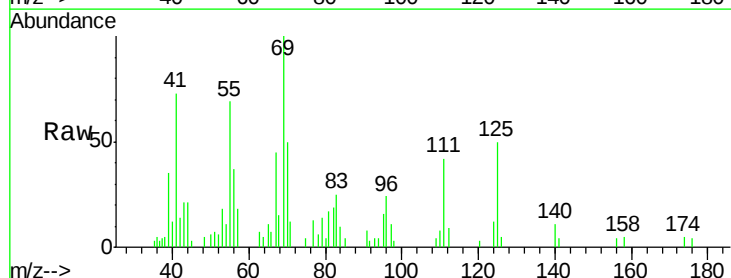
Tgt Ion: 83 Resp: 852

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

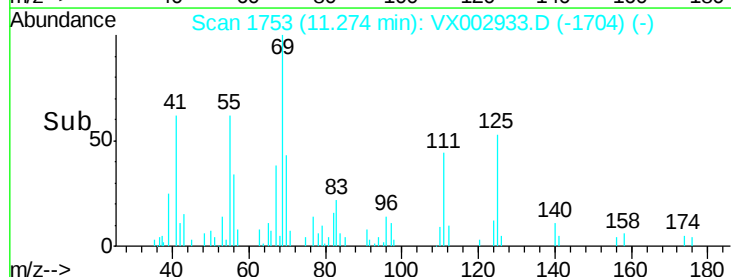
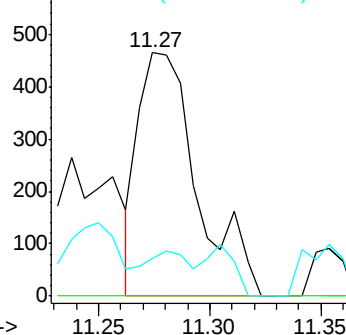
85 0.0 32.4 97.2#

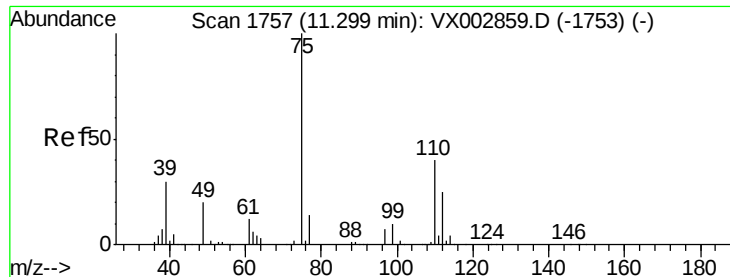


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 26.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

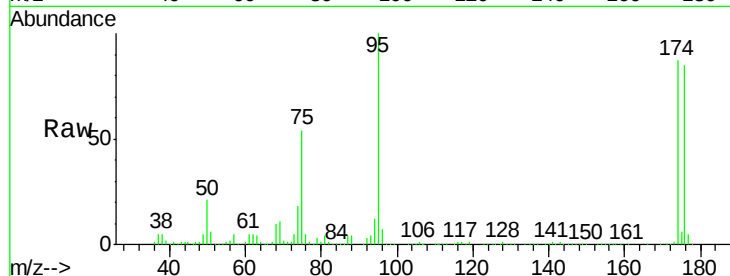
ClientSampled :

Tot Ion: 75 Resp: 96900

Ion Ratio Lower Upper

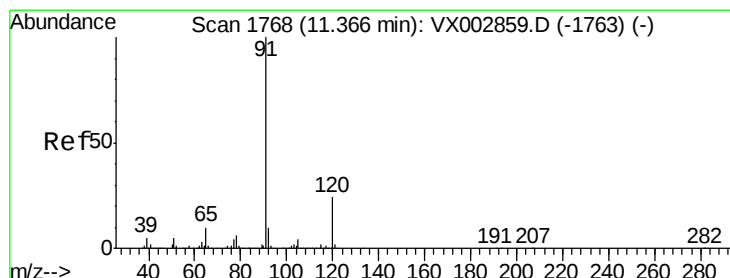
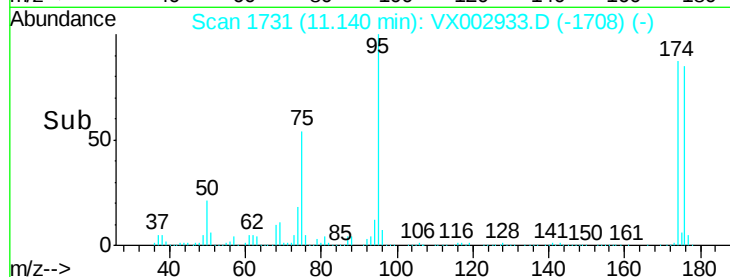
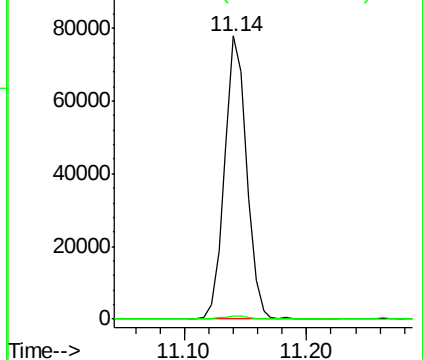
75 100

77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.52 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002933.D

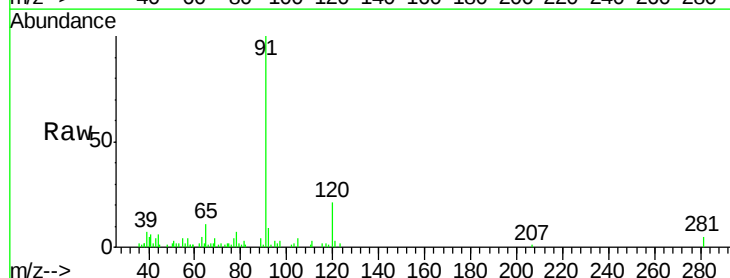
Acq: 27 Jun 2018 13:51

Tgt Ion: 91 Resp: 8065

Ion Ratio Lower Upper

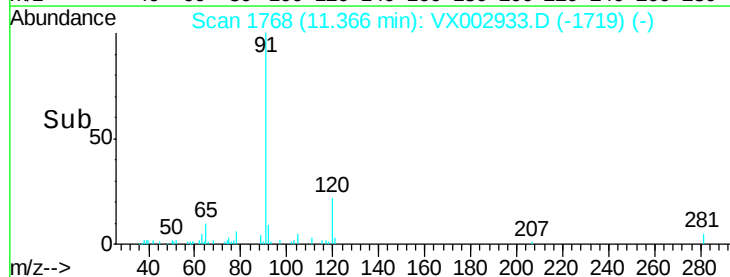
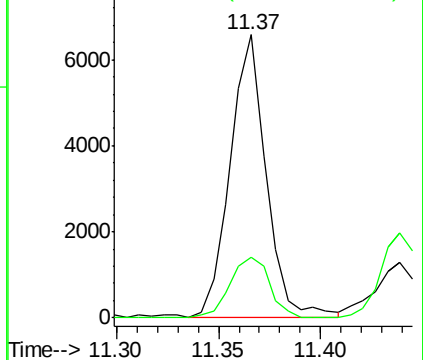
91 100

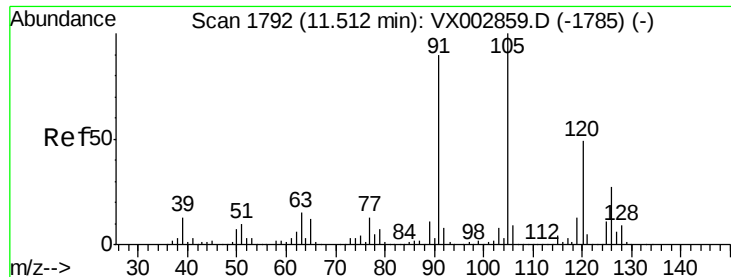
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.55 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

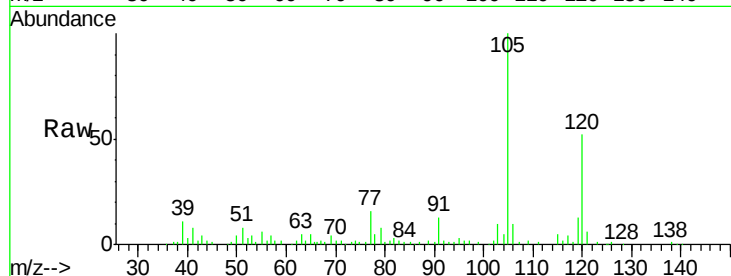
ClientSampleId :

Tot Ion:105 Resp: 17883

Ion Ratio Lower Upper

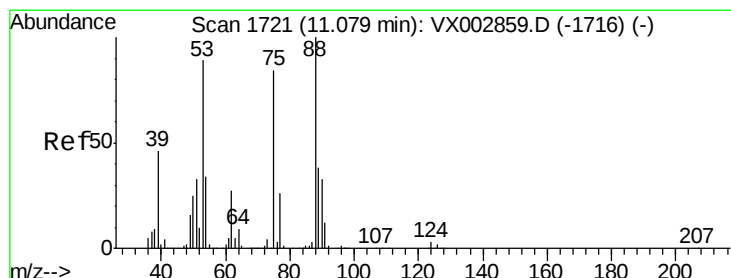
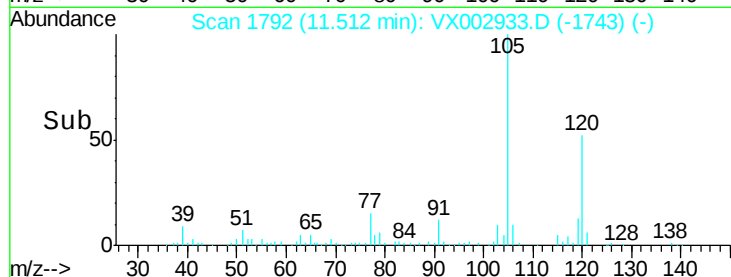
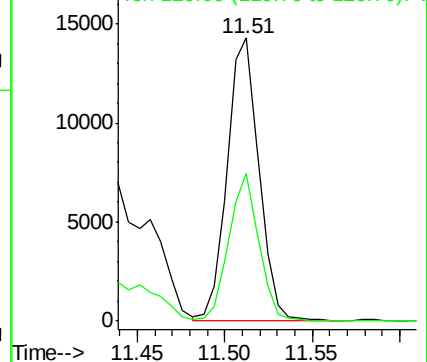
105 100

120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 74.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

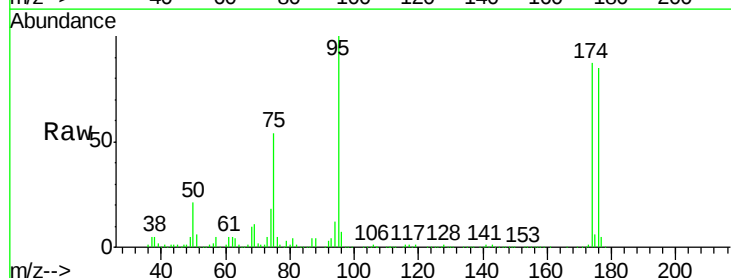
Tgt Ion: 75 Resp: 96900

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

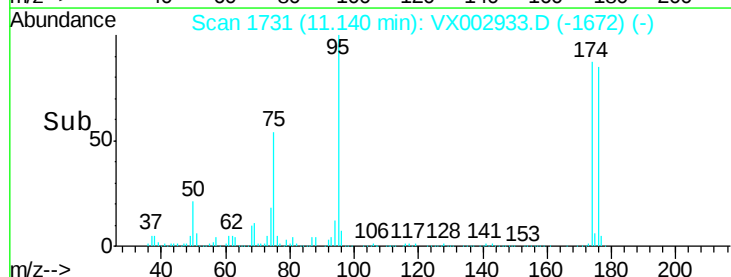
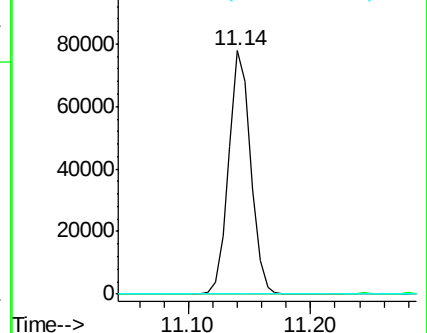
89 0.0 38.2 57.2#

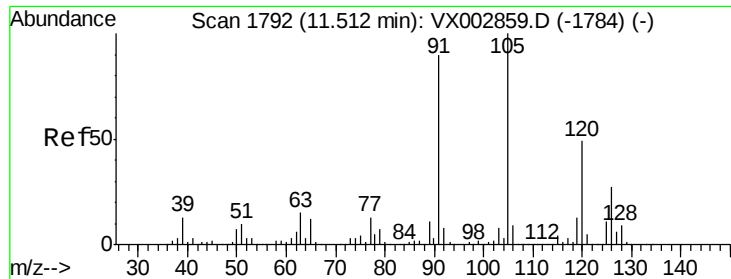


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

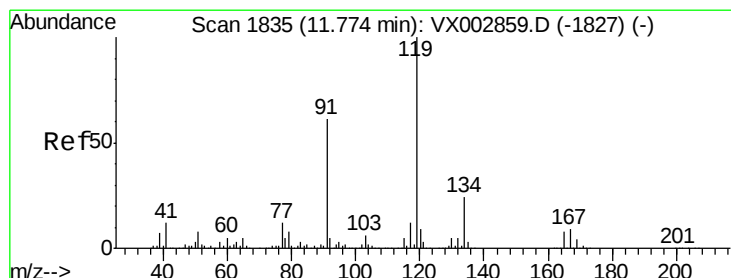
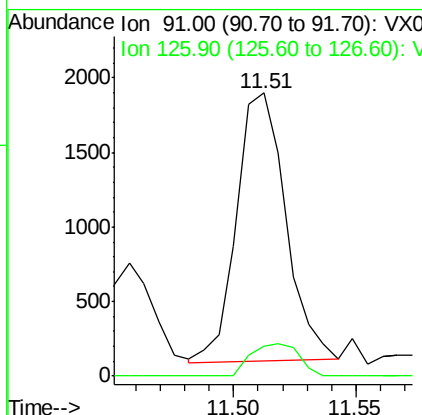
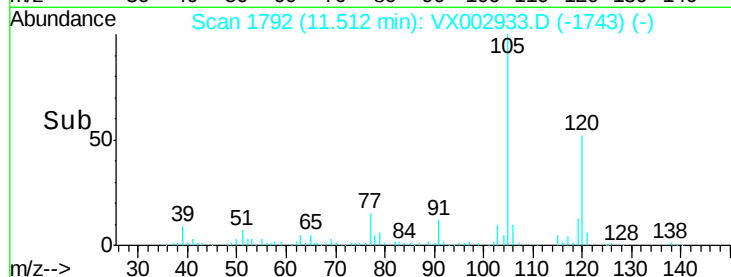
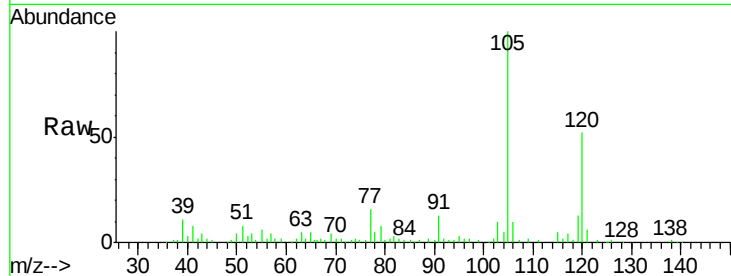




#82
4-Chlorotoluene
Concen: 0.23 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

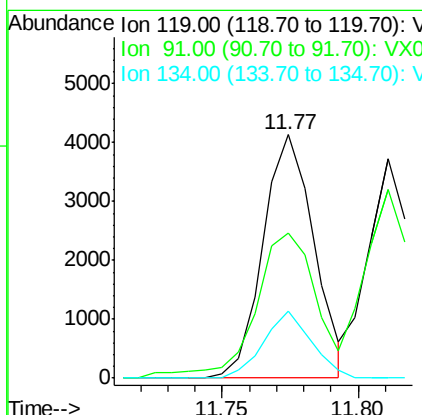
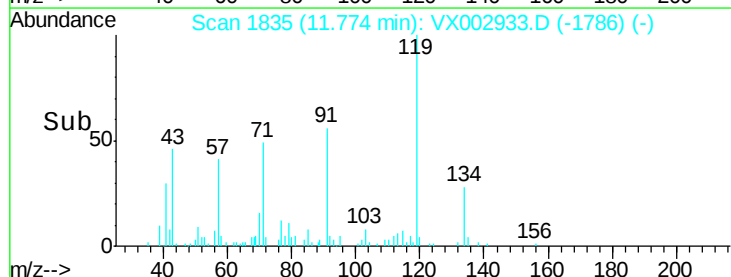
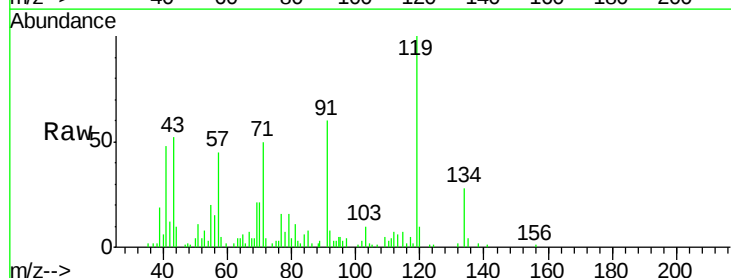
Instrument :
MSVOA_X
ClientSampleId :

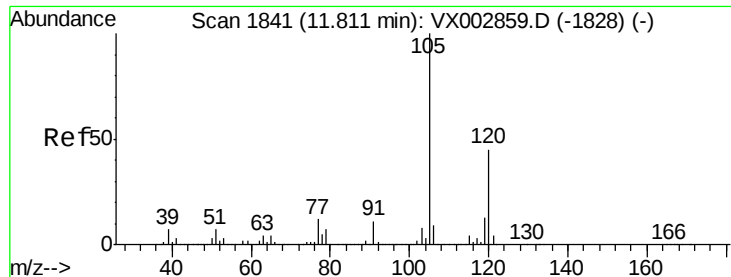
Tot Ion: 91 Resp: 2516
Ion Ratio Lower Upper
91 100
126 11.6 15.4 46.4#



#83
tert-Butylbenzene
Concen: 0.47 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

Tgt Ion: 119 Resp: 5362
Ion Ratio Lower Upper
119 100
91 71.2 30.3 90.9
134 26.2 11.7 35.1

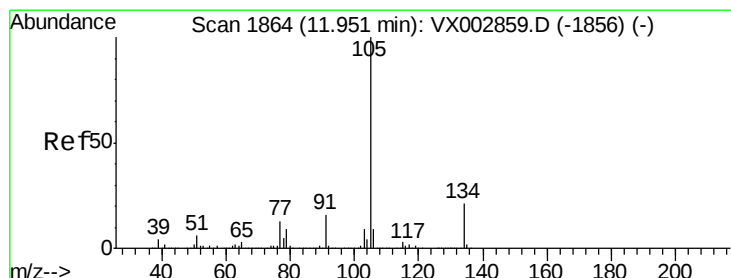
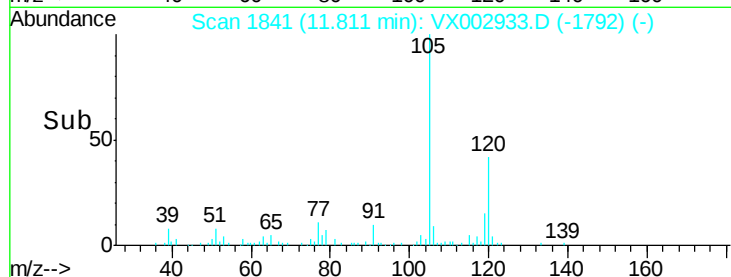
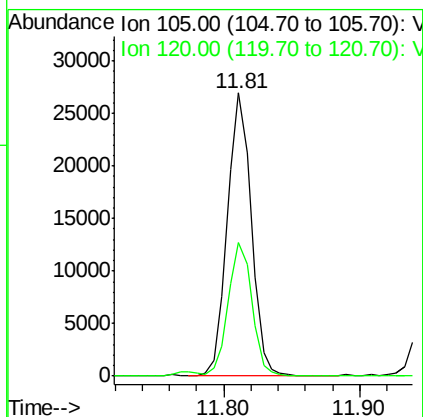
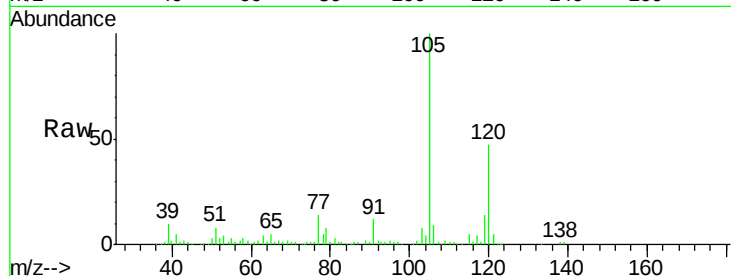




#84
 1,2,4-Trimethylbenzene
 Concen: 2.74 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002933.D
 Acq: 27 Jun 2018 13:51

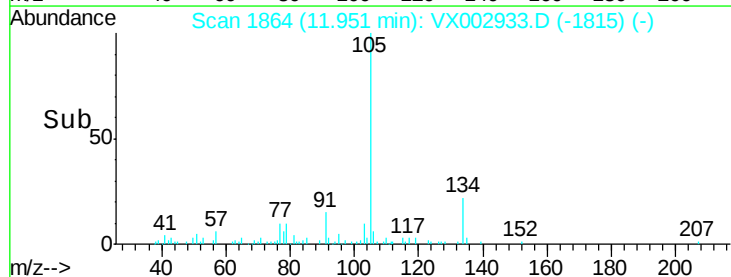
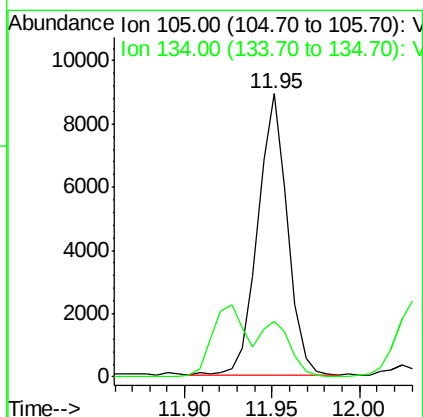
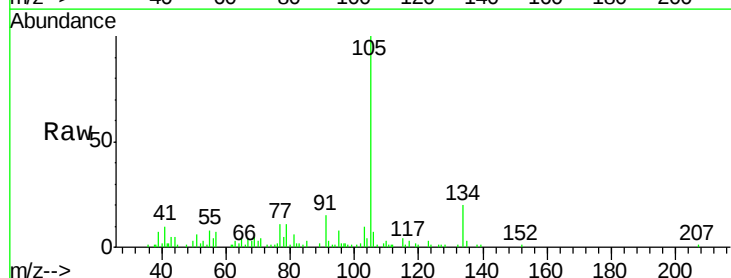
Instrument :
 MSVOA_X
 ClientSampleId :

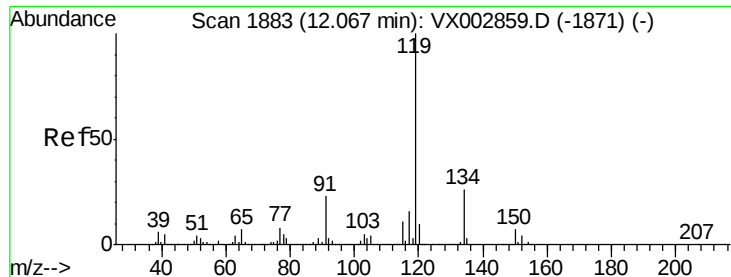
Tot Ion:105 Resp: 32705
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 0.77 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002933.D
 Acq: 27 Jun 2018 13:51

Tgt Ion:105 Resp: 10586
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

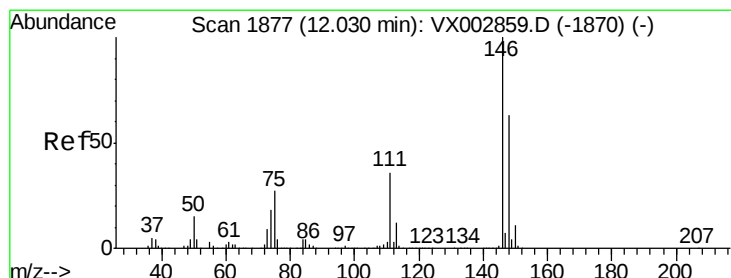
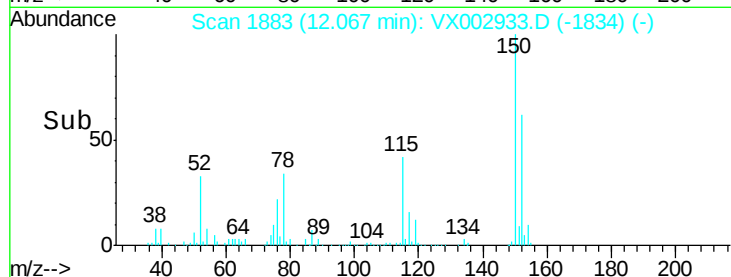
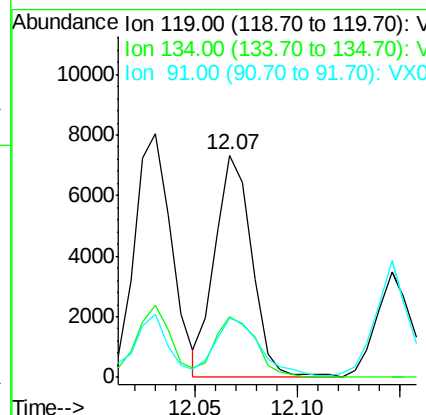
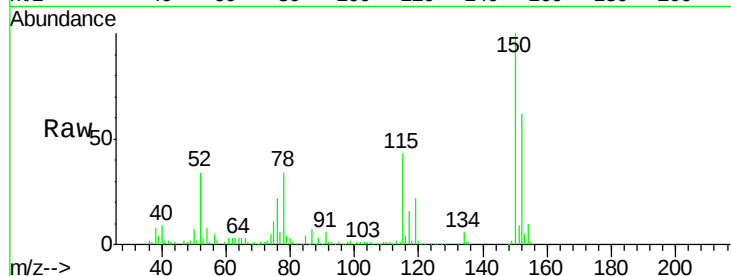




#86
 p-Isopropyltoluene
 Concen: 0.75 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002933.D
 Acq: 27 Jun 2018 13:51

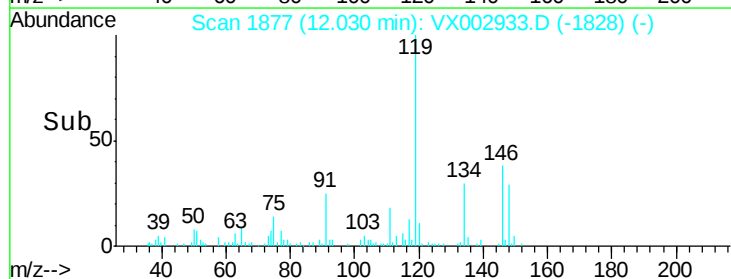
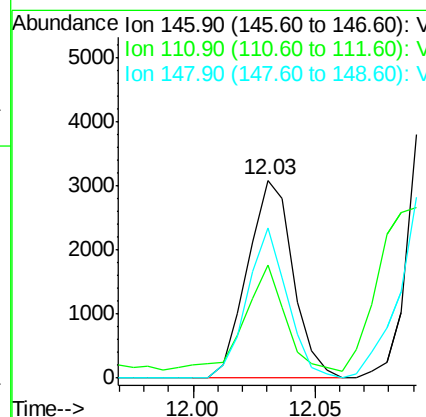
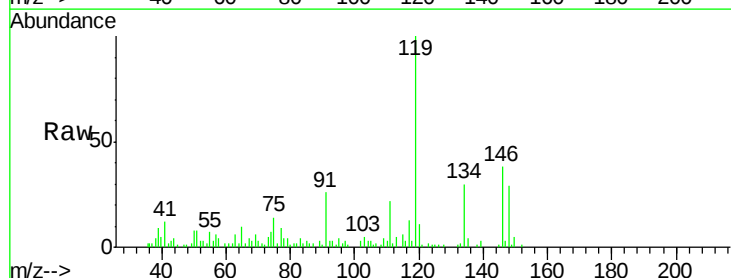
Instrument :
 MSVOA_X
 ClientSampleId :

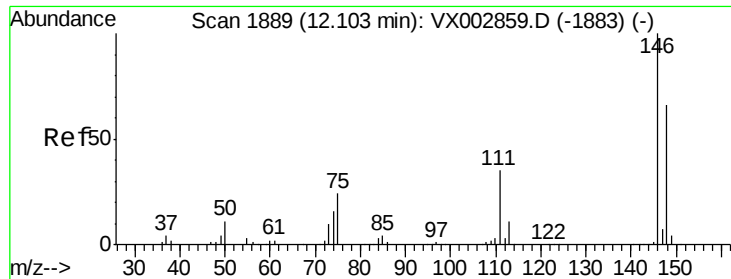
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.4	13.4	40.1
91	30.3	11.9	35.7



#87
 1,3-Dichlorobenzene
 Concen: 0.56 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002933.D
 Acq: 27 Jun 2018 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	59.2	18.9	56.7#
148	66.7	32.1	96.3

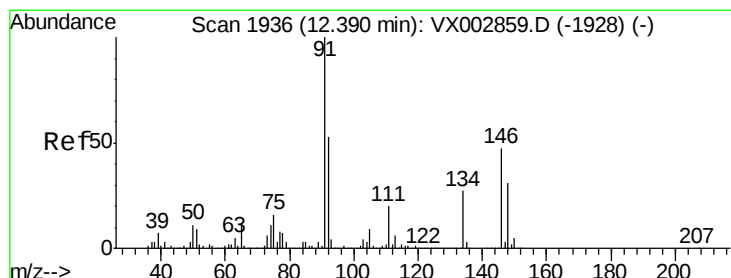
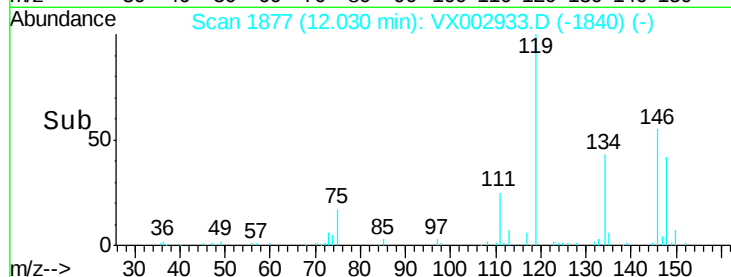
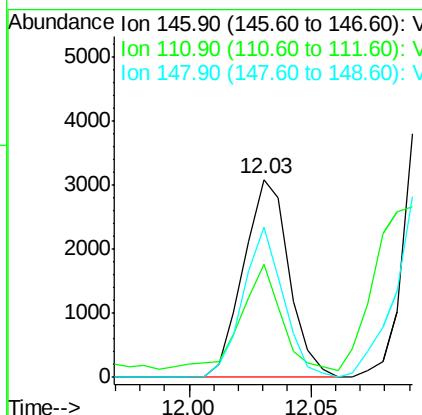
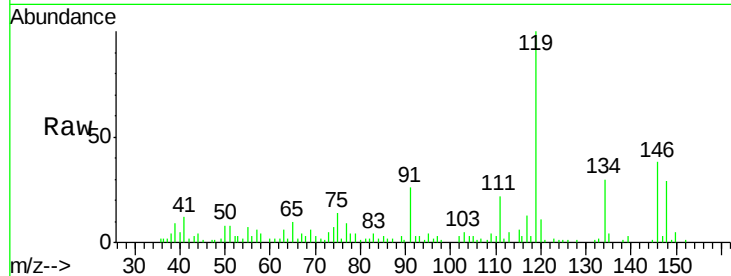




#88
 1,4-Dichlorobenzene
 Concen: 0.55 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX002933.D
 Acq: 27 Jun 2018 13:51

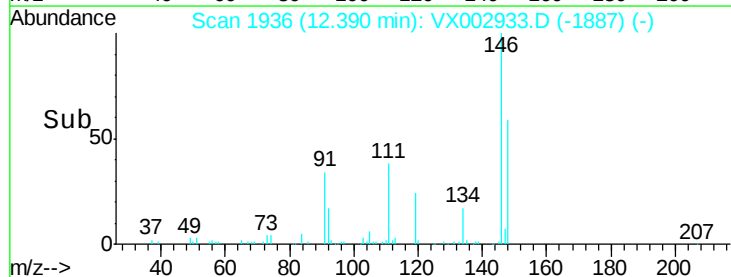
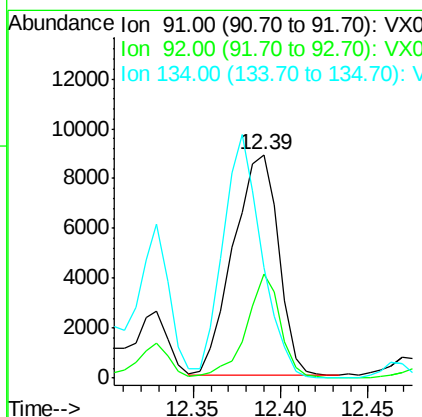
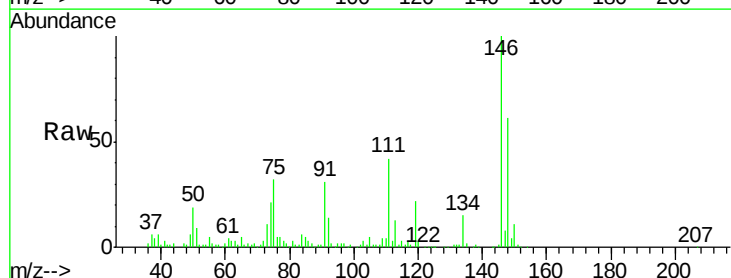
Instrument :
 MSVOA_X
 ClientSampleId :

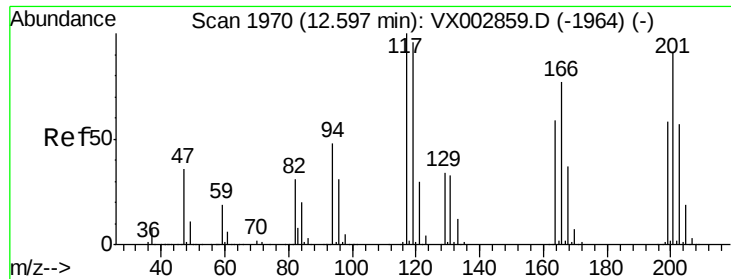
Tot Ion:146 Resp: 4012
 Ion Ratio Lower Upper
 146 100
 111 51.8 18.7 56.1
 148 66.7 32.4 97.0



#89
 n-Butylbenzene
 Concen: 1.47 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX002933.D
 Acq: 27 Jun 2018 13:51

Tgt Ion: 91 Resp: 15811
 Ion Ratio Lower Upper
 91 100
 92 36.1 26.0 78.0
 134 94.4 13.5 40.5#





#90

Hexachloroethane

Concen: 0.81 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

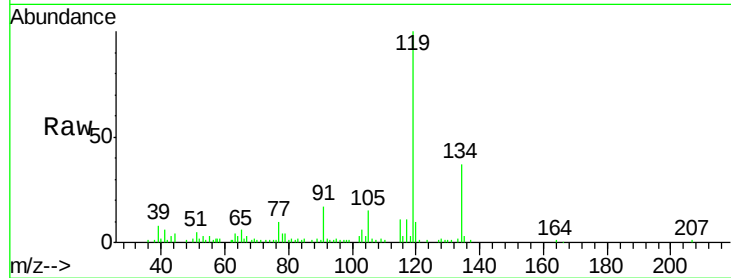
ClientSampled :

Tot Ion:117 Resp: 1493

Ion Ratio Lower Upper

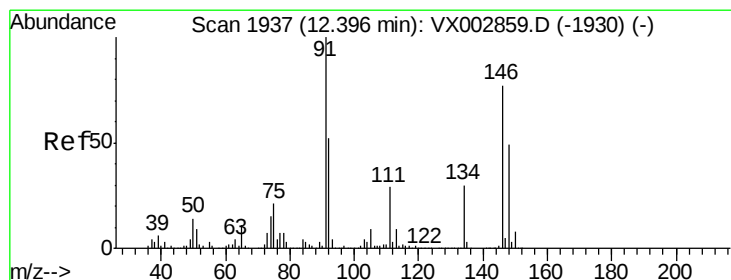
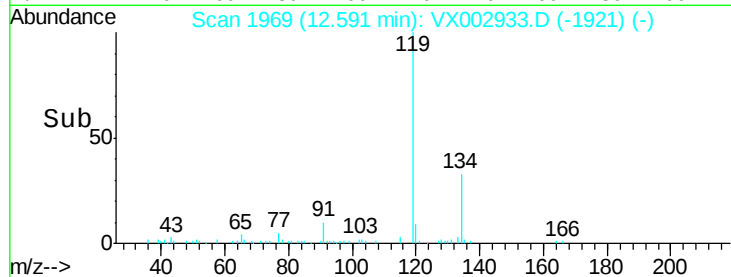
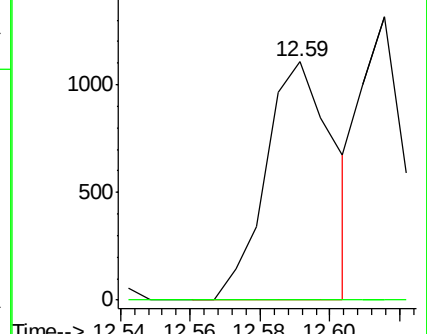
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 6.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

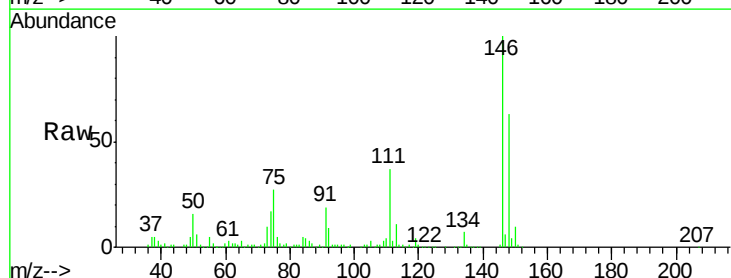
Tgt Ion:146 Resp: 45778

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.1

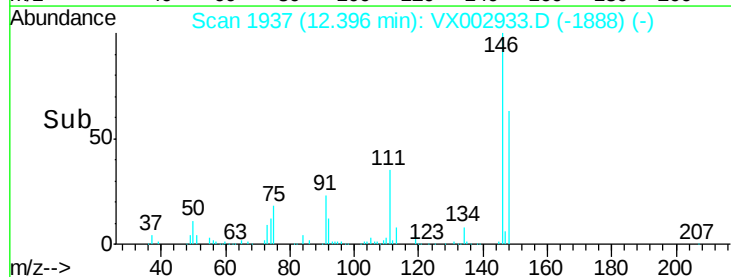
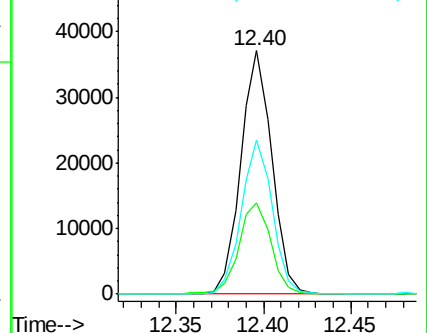
148 63.2 31.7 95.1

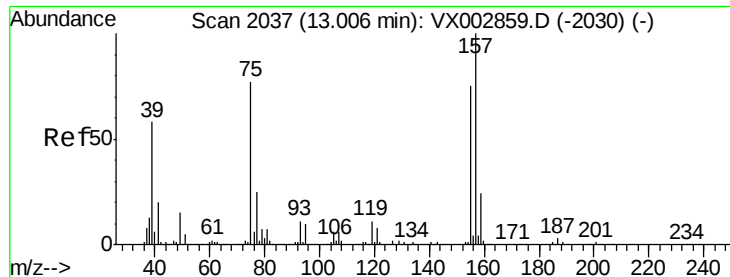


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.26 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

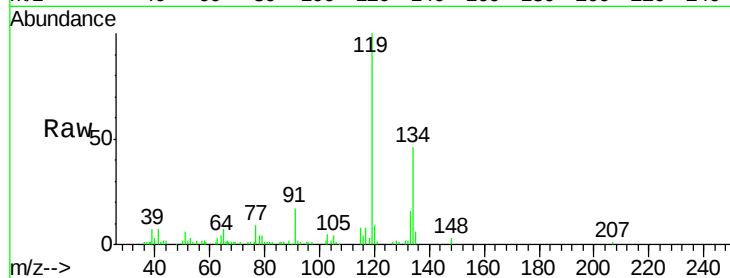
Tot Ion: 75 Resp: 245

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

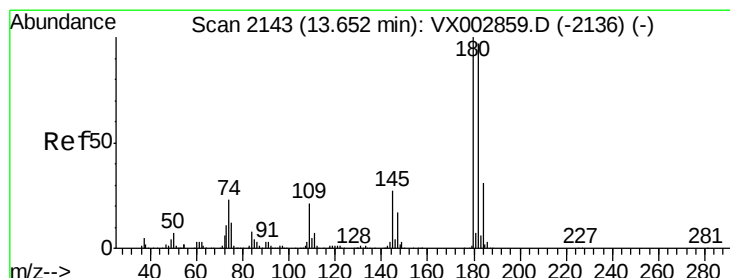
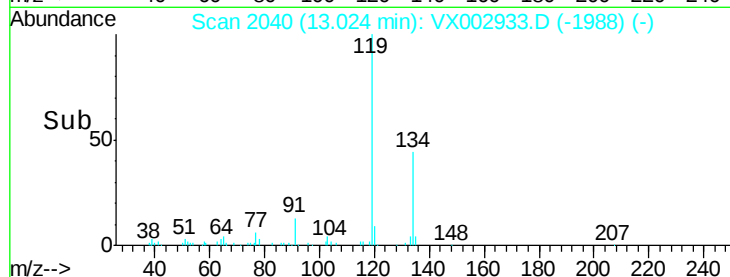
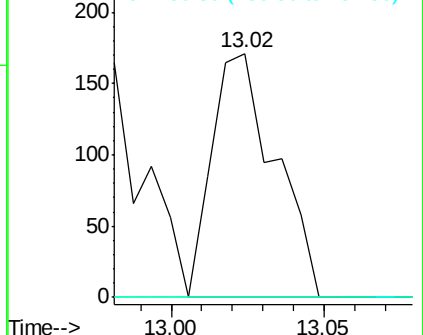
157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.29 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.01 min

Lab File: VX002933.D

Acq: 27 Jun 2018 13:51

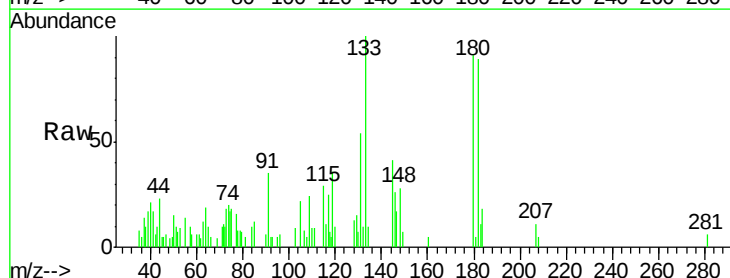
Tgt Ion:180 Resp: 1535

Ion Ratio Lower Upper

180 100

182 97.3 47.7 143.1

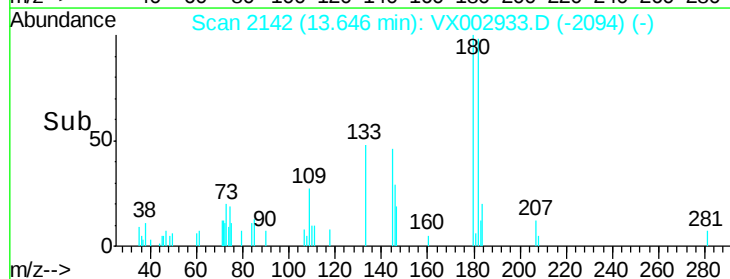
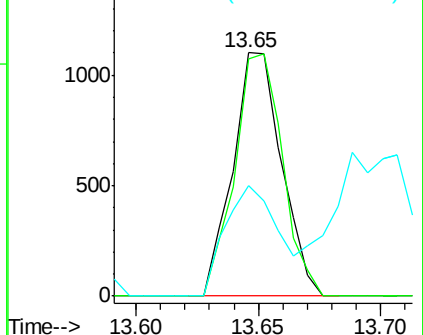
145 49.2 14.1 42.4#

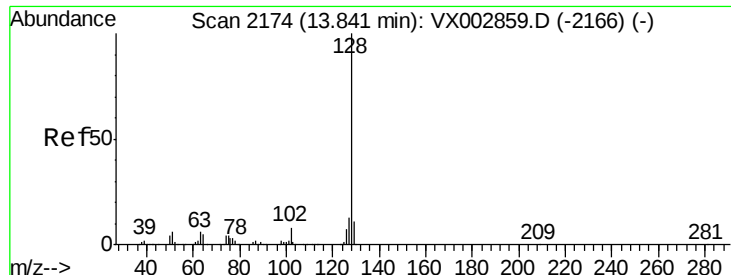


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

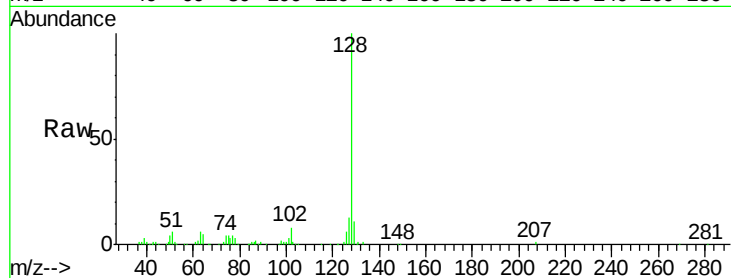




#95
Naphthalene
Concen: 2.58 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002933.D
Acq: 27 Jun 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.4	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

