

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002941.D
 Acq On : 27 Jun 2018 17:23
 Operator : JC/MD
 Sample : J3707-08
 Misc : 5.97µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 03:14:47 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	5.67	168	242735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207062	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	164676	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
35) Dibromofluoromethane	5.51	113	126942	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
50) Toluene-d8	8.72	98	486395	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.14	95	189309	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	608	Below Cal	#	85
4) Vinyl Chloride	1.41	62	34259	12.48	ug/l	# 85
5) Bromomethane	1.64	94	1816	Below Cal		98
6) Chloroethane	1.70	64	350	Below Cal	#	65
10) Methyl Iodide	2.49	142	1889	6.83	ug/l	97
11) Tert butyl alcohol	3.03	59	4401	6.58	ug/l	# 79
12) 1,1-Dichloroethene	2.34	96	975	0.41	ug/l	# 67
13) Acrolein	2.30	56	86	4.46	ug/l	# 1
20) Methylene Chloride	2.85	84	1262	0.47	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	2711	1.04	ug/l	87
24) 1,1-Dichloroethane	3.69	63	4670	0.95	ug/l	# 91
27) cis-1,2-Dichloroethene	4.59	96	513266	175.57	ug/l	82
29) Tetrahydrofuran	5.20	42	2518	1.90	ug/l	97
36) 1,1-Dichloropropene	5.66	75	16798	4.44	ug/l	# 51
38) Carbon Tetrachloride	5.66	117	22526	5.43	ug/l	# 15
39) Methylcyclohexane	7.46	83	1030	0.23	ug/l	# 66
44) Trichloroethene	7.21	130	1302	0.40	ug/l	62
51) 4-Methyl-2-Pentanone	8.67	43	1792	0.42	ug/l	97
52) Toluene	8.79	92	9685	1.38	ug/l	97
59) 2-Hexanone	9.33	43	1708	0.53	ug/l	71
65) Chlorobenzene	10.14	112	2968	0.36	ug/l	100
69) o-Xylene	10.71	106	1422	0.27	ug/l	93
76) 1,2,3-Trichloropropane	11.14	75	97431	25.98	ug/l	# 33
78) n-propylbenzene	11.37	91	3309	0.21	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	6801	0.58	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	97431	73.66	ug/l	# 7
84) 1,2,4-Trimethylbenzene	11.81	105	12606	1.04	ug/l	99
86) p-Isopropyltoluene	12.03	119	2578	0.20	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	3363	0.45	ug/l	# 62
89) n-Butylbenzene	12.39	91	3511	0.32	ug/l	# 40
90) Hexachloroethane	12.60	117	393	0.21	ug/l	# 1
91) 1,2-Dichlorobenzene	12.40	146	15484	2.12	ug/l	98
95) Naphthalene	13.84	128	17715	1.25	ug/l	100

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

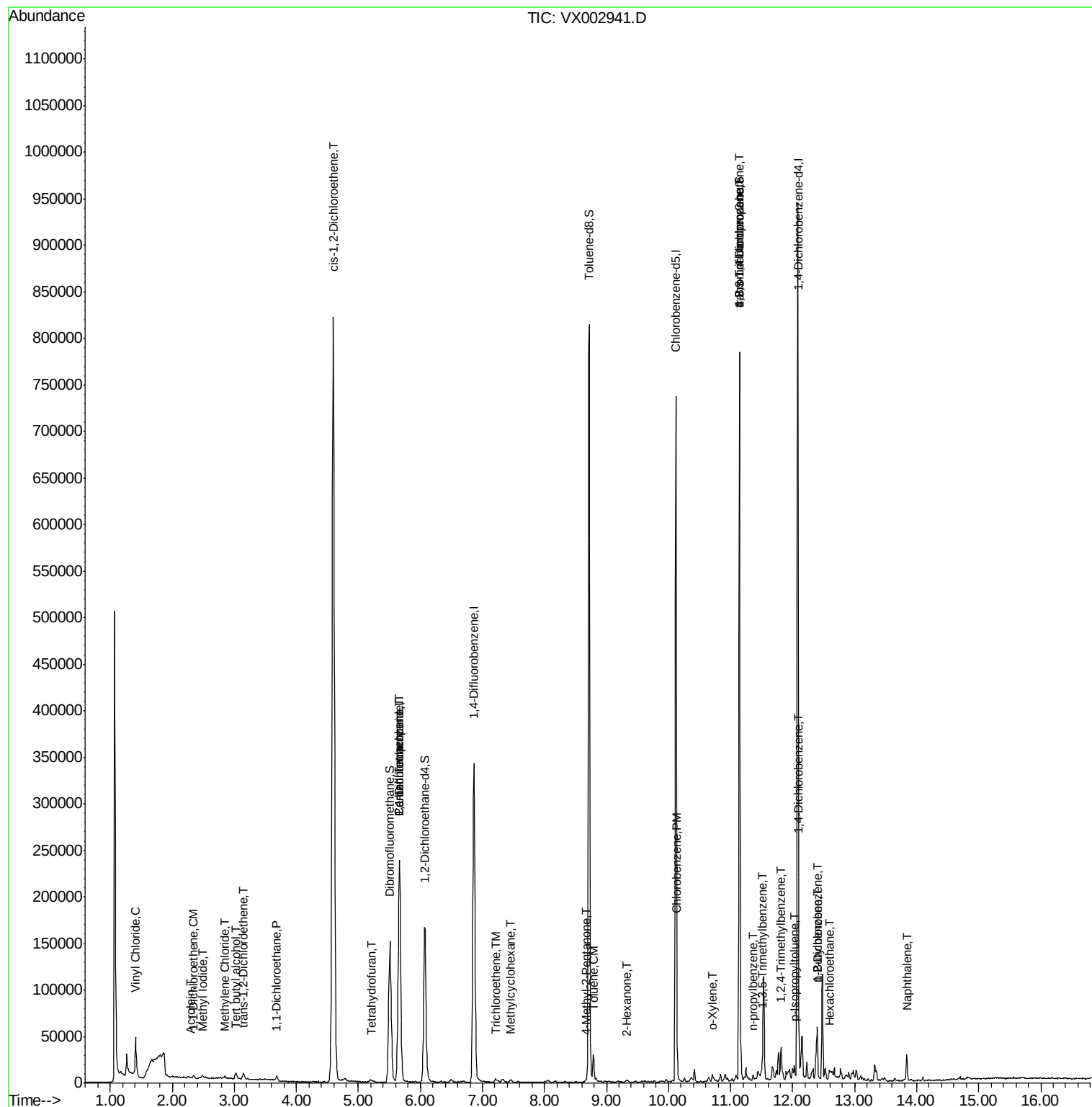
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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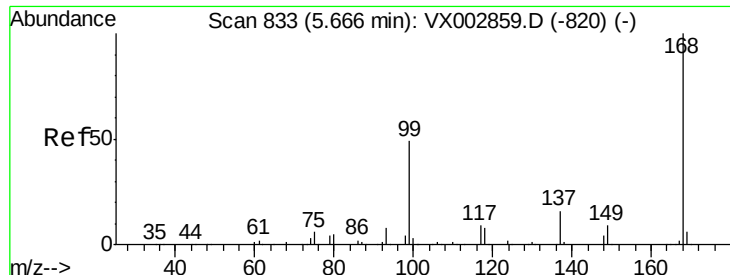
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

Instrument :

MSVOA_X

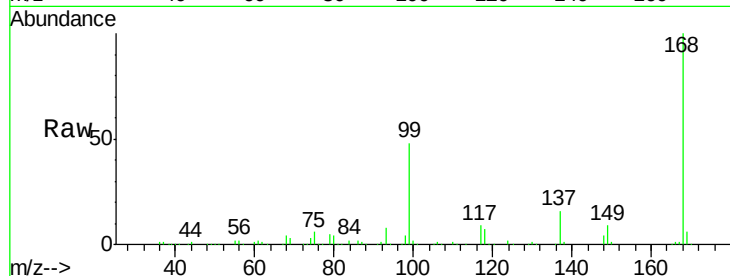
ClientSampleId :

Tot Ion:168 Resp: 242735

Ion Ratio Lower Upper

168 100

99 47.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

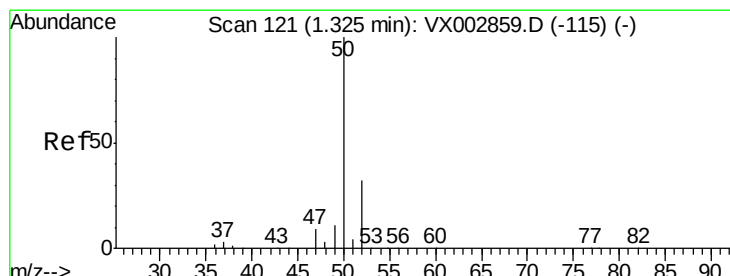
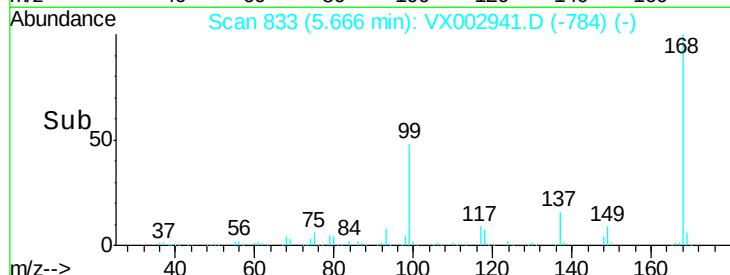
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX002941.D

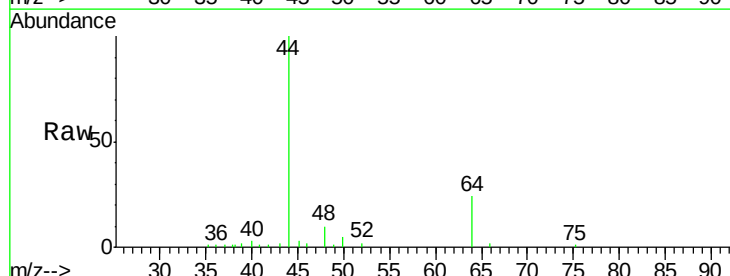
Acq: 27 Jun 2018 17:23

Tgt Ion: 50 Resp: 608

Ion Ratio Lower Upper

50 100

52 40.3 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

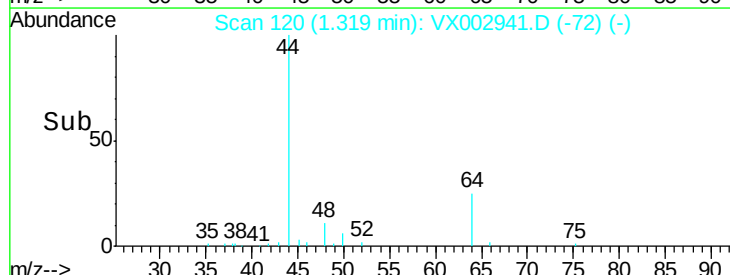
300

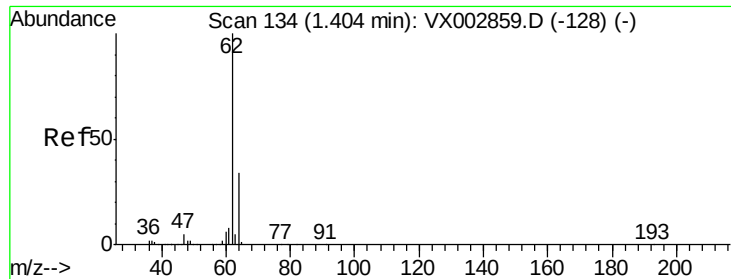
200

100

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 12.48 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

Instrument :

MSVOA_X

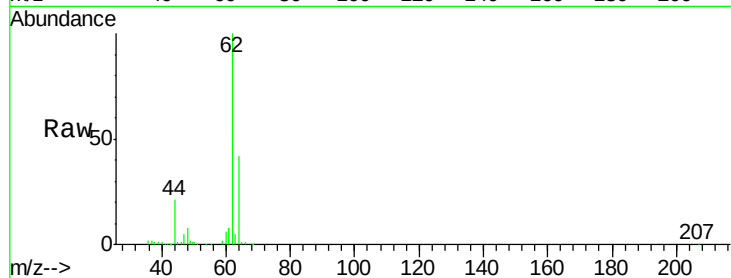
ClientSampled :

Tot Ion: 62 Resp: 34259

Ion Ratio Lower Upper

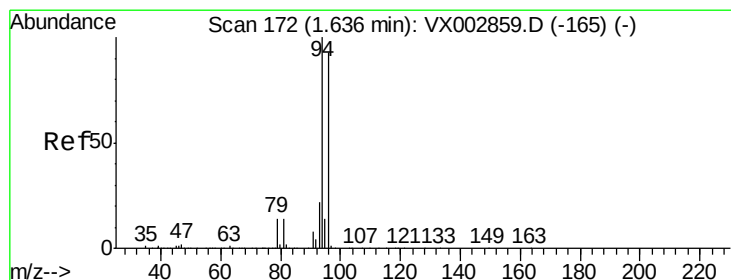
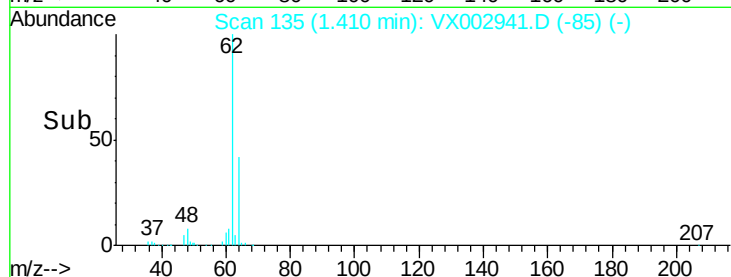
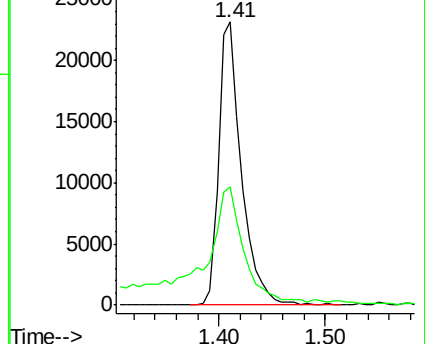
62 100

64 40.1 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002941.D

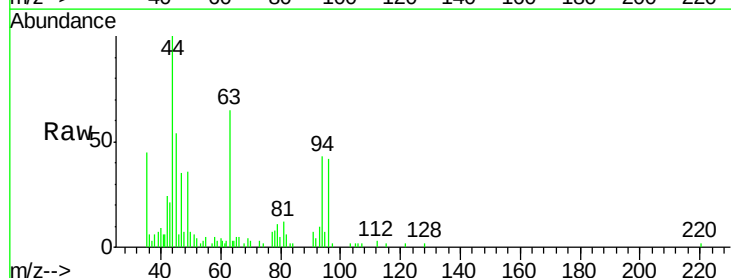
Acq: 27 Jun 2018 17:23

Tgt Ion: 94 Resp: 1816

Ion Ratio Lower Upper

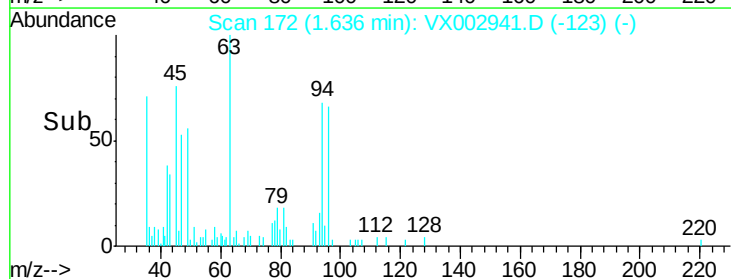
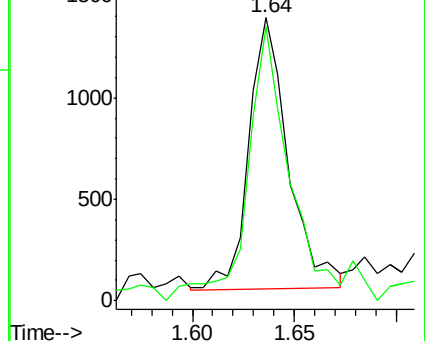
94 100

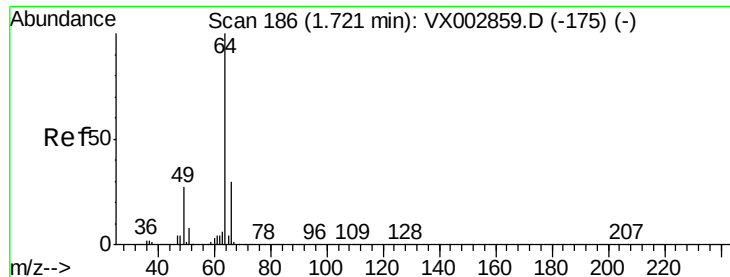
96 95.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

Instrument :

MSVOA_X

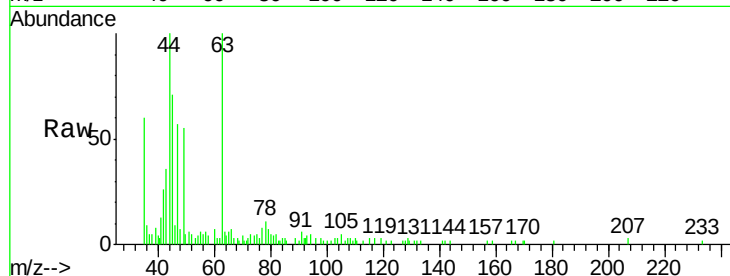
ClientSampleId :

Tot Ion: 64 Resp: 350

Ion Ratio Lower Upper

64 100

66 51.3 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

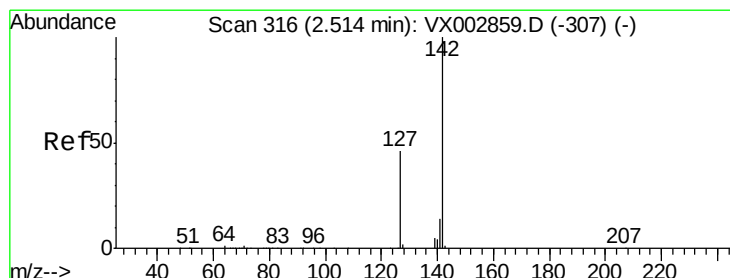
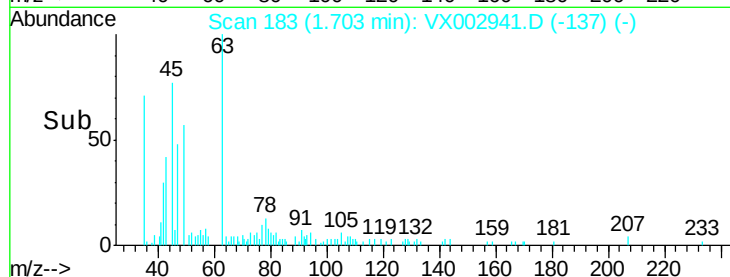
300

200

100

0

Time--> 1.65 1.70 1.75



#10

Methyl Iodide

Concen: 6.83 ug/l

RT: 2.49 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

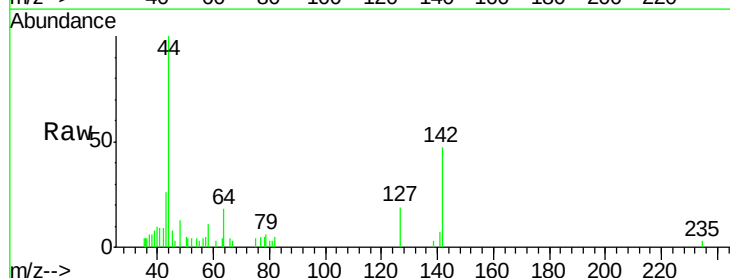
Tgt Ion:142 Resp: 1889

Ion Ratio Lower Upper

142 100

127 47.4 36.6 55.0

141 16.5 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.49

1200

1000

800

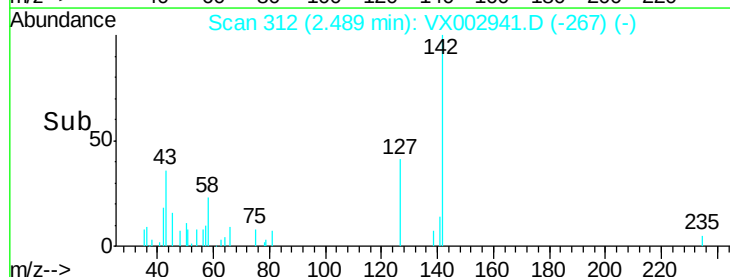
600

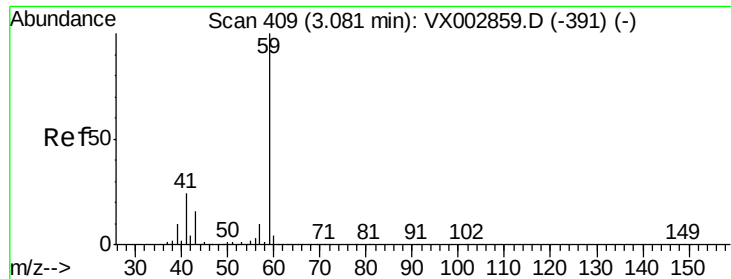
400

200

0

Time--> 2.45 2.50 2.55



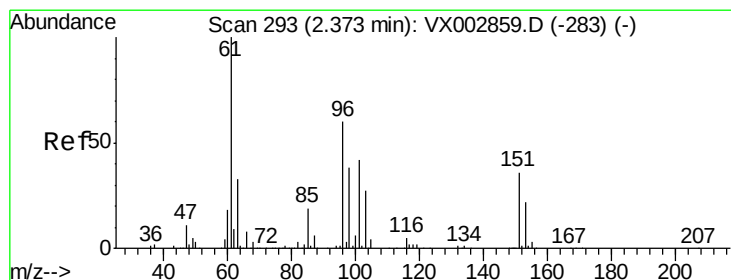
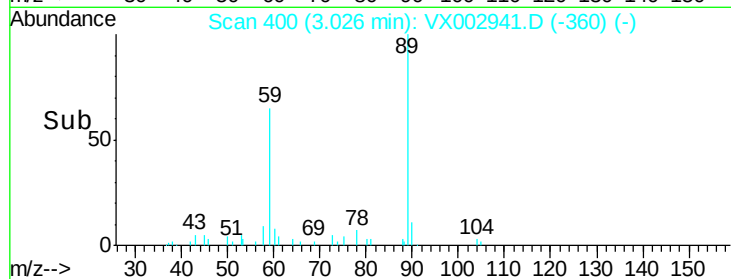
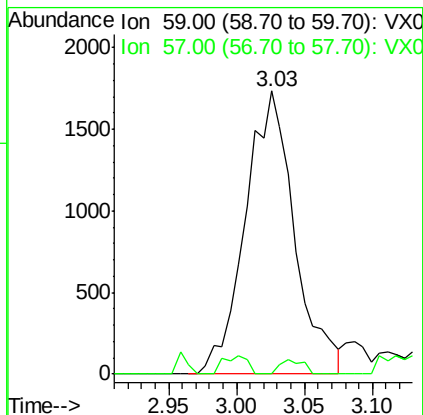
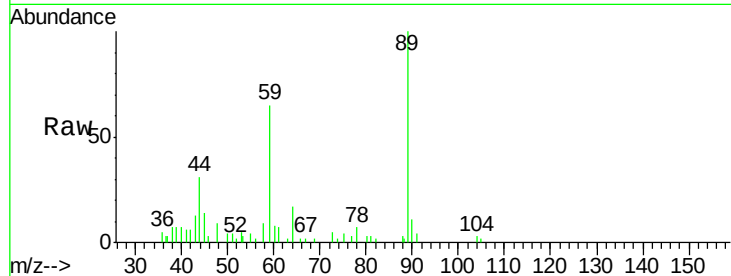


#11

Tert butyl alcohol
 Concen: 6.58 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.05 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :

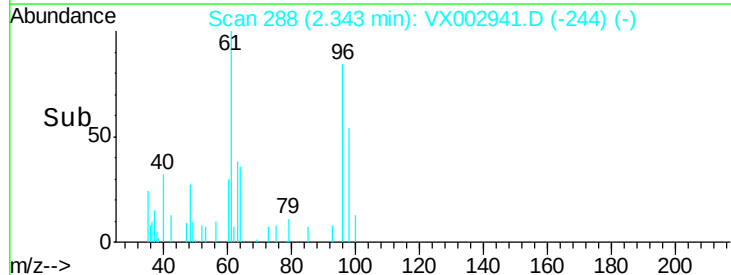
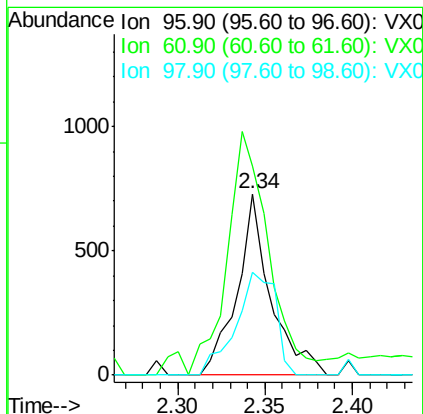
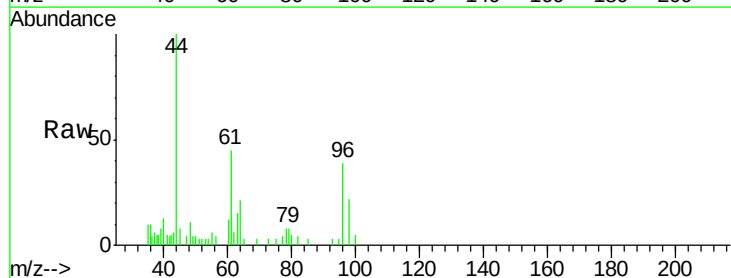
Tot Ion: 59 Resp: 4401
 Ion Ratio Lower Upper
 59 100
 57 2.4 8.2 12.2#

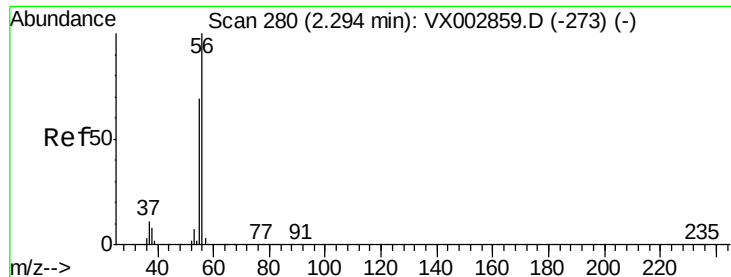


#12

1,1-Dichloroethene
 Concen: 0.41 ug/l
 RT: 2.34 min Scan# 288
 Delta R.T. -0.03 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

Tgt Ion: 96 Resp: 975
 Ion Ratio Lower Upper
 96 100
 61 114.9 137.9 206.9#
 98 57.0 51.6 77.4





#13

Acrolein

Concen: 4.46 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

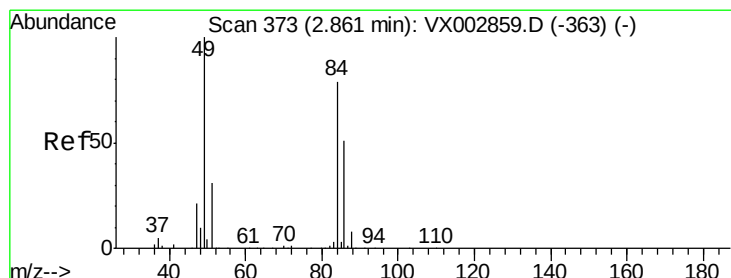
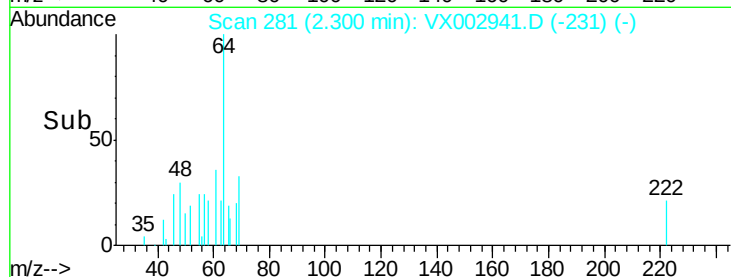
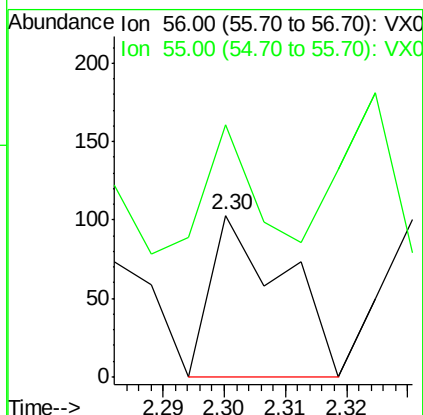
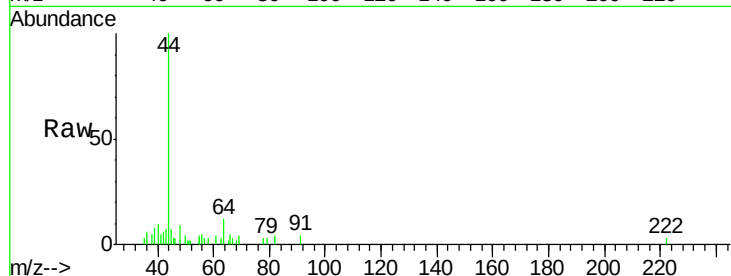
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 86

Ion Ratio Lower Upper

56 100

55 184.9 57.0 85.4#



#20

Methylene Chloride

Concen: 0.47 ug/l

RT: 2.85 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

Tgt Ion: 84 Resp: 1262

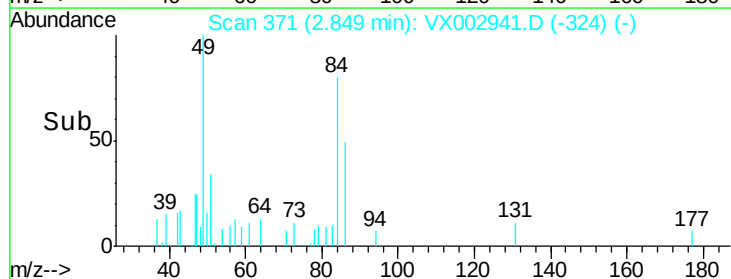
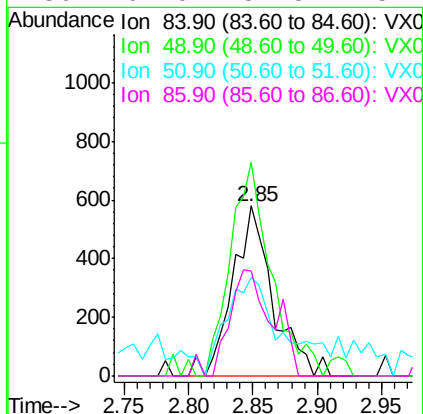
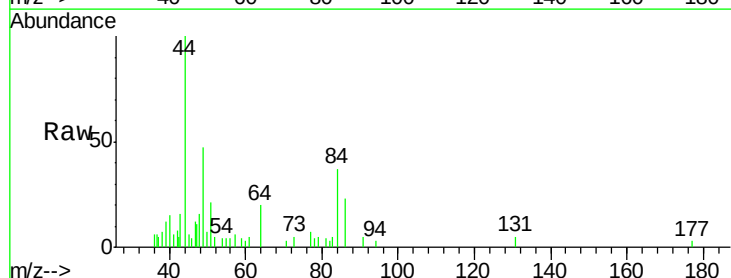
Ion Ratio Lower Upper

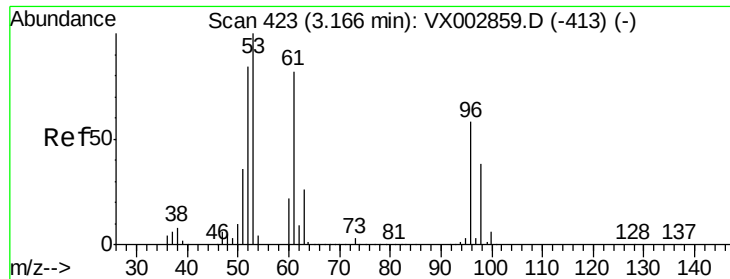
84 100

49 116.1 107.8 161.6

51 46.1 32.8 49.2

86 62.0 52.5 78.7

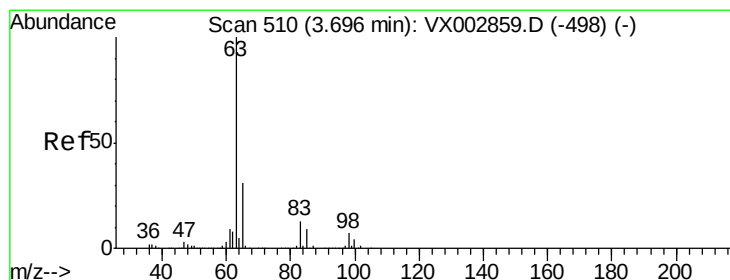
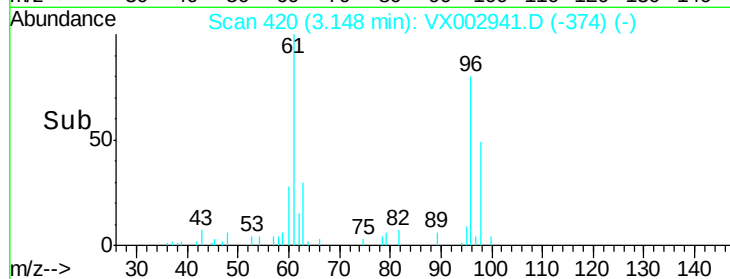
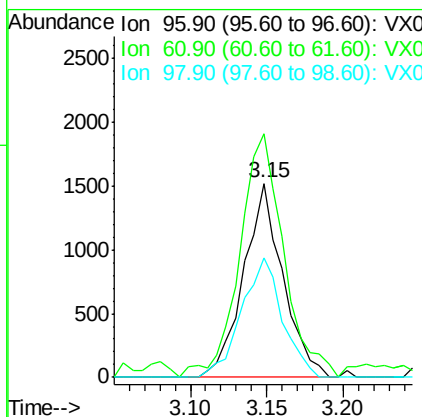
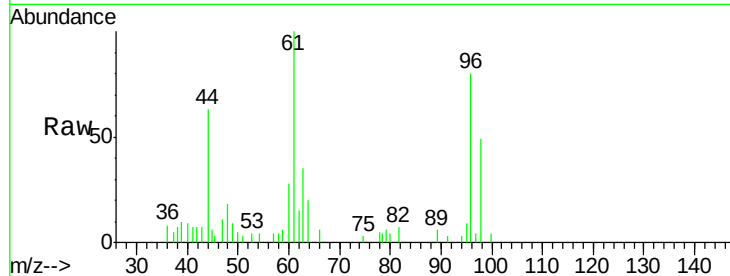




#21
trans-1,2-Dichloroethene
Concen: 1.04 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.02 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

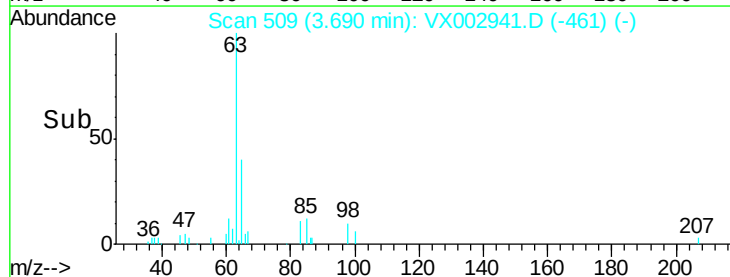
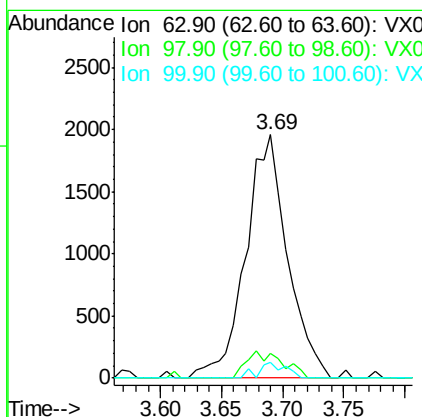
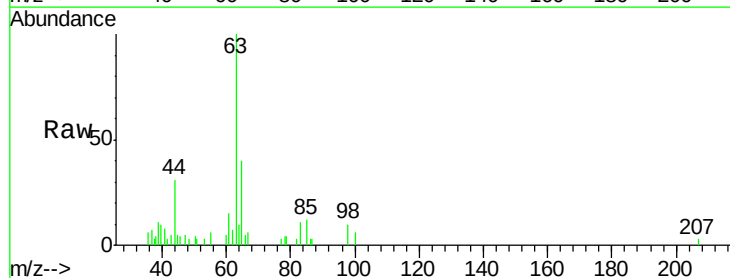
Instrument :
MSVOA_X
ClientSampled :

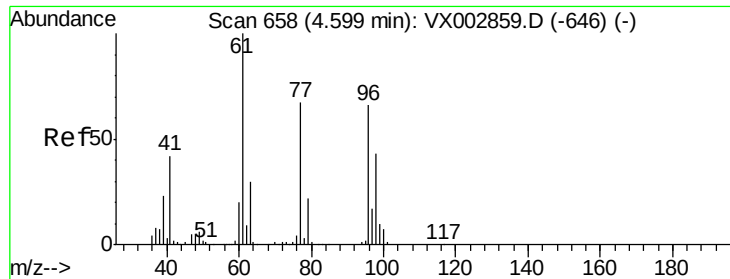
Tot Ion: 96 Resp: 2711
Ion Ratio Lower Upper
96 100
61 125.6 117.0 175.4
98 61.5 52.4 78.6



#24
1,1-Dichloroethane
Concen: 0.95 ug/l
RT: 3.69 min Scan# 509
Delta R.T. -0.01 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

Tgt Ion: 63 Resp: 4670
Ion Ratio Lower Upper
63 100
98 10.3 3.4 10.2#
100 6.2 2.0 6.0#



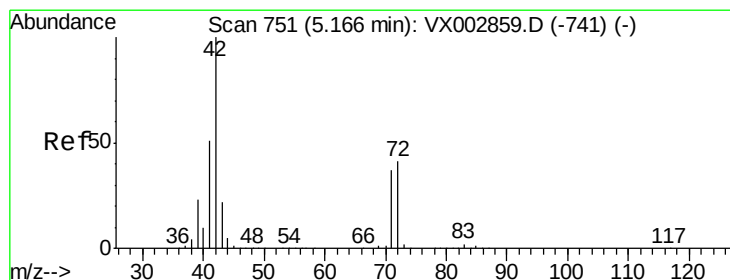
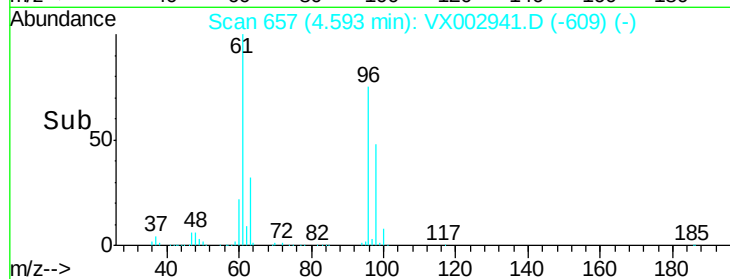
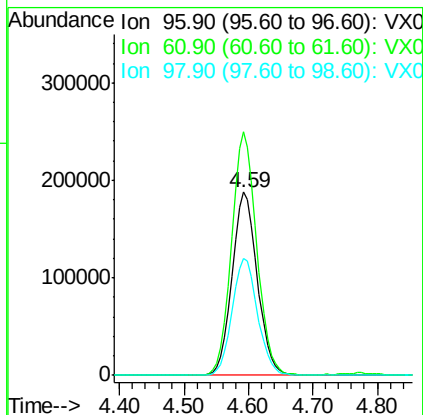
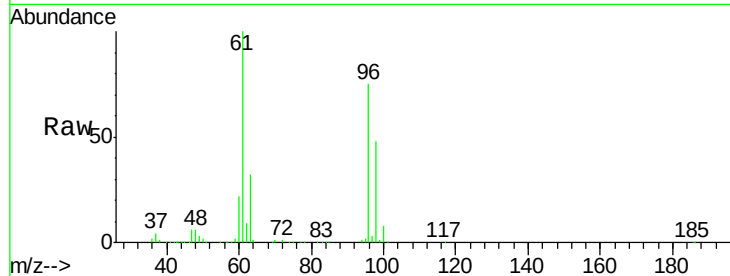


#27

cis-1,2-Dichloroethene
 Concen: 175.57 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :

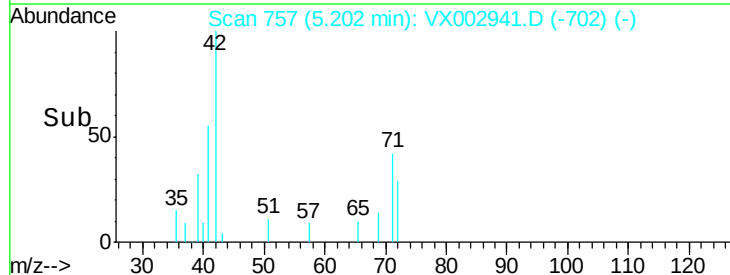
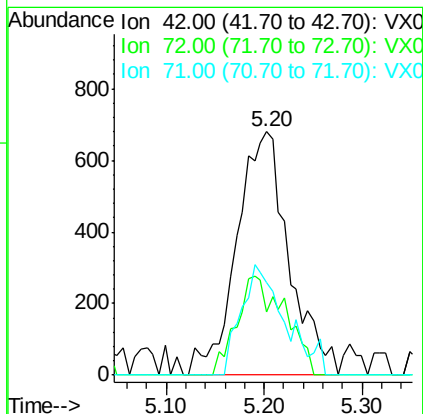
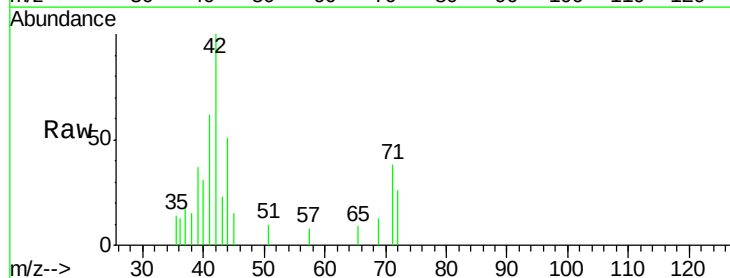
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.2	0.0	330.2
98	64.5	0.0	130.2

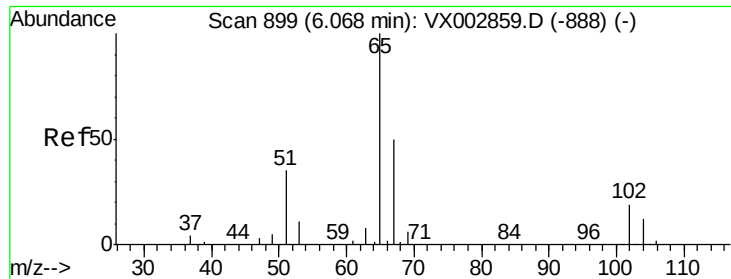


#29

Tetrahydrofuran
 Concen: 1.90 ug/l
 RT: 5.20 min Scan# 757
 Delta R.T. 0.04 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.7	32.0	48.0
71	38.4	30.1	45.1

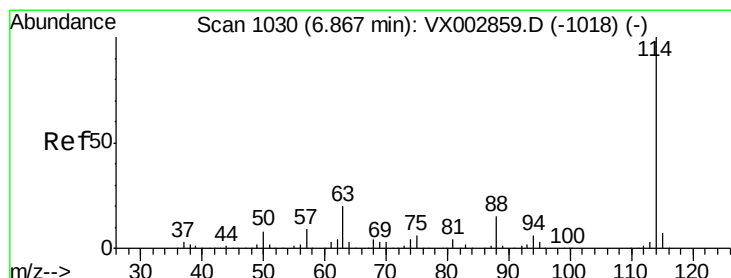
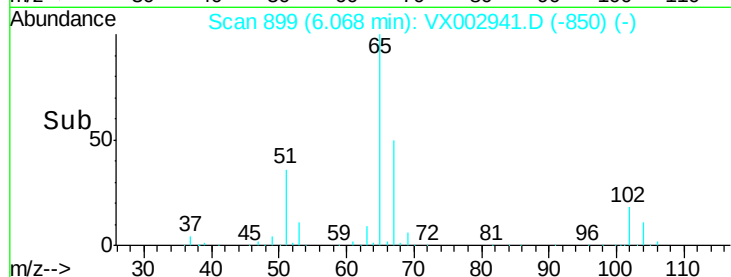
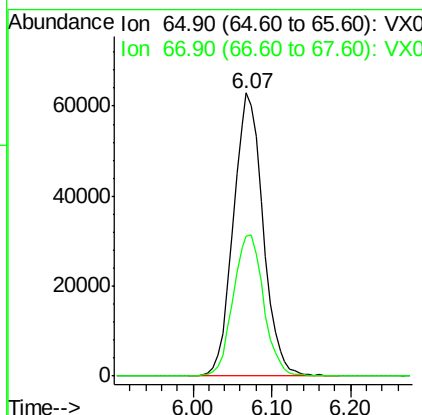
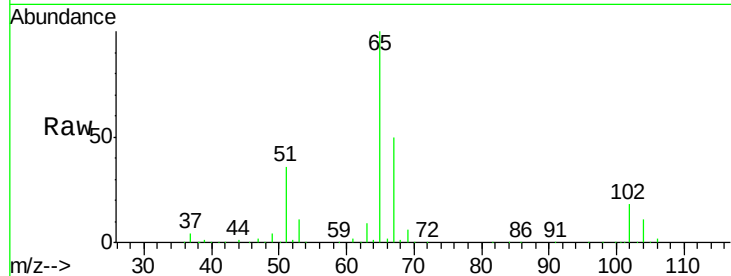




#33
 1,2-Dichloroethane-d4
 Concen: 49.08 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

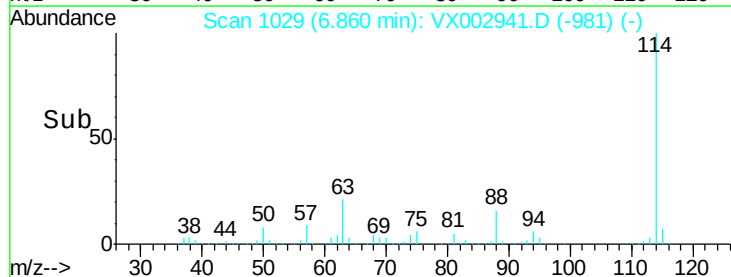
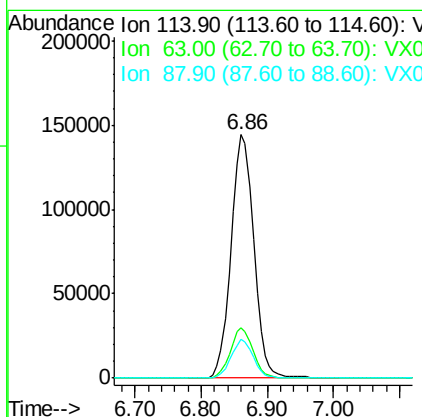
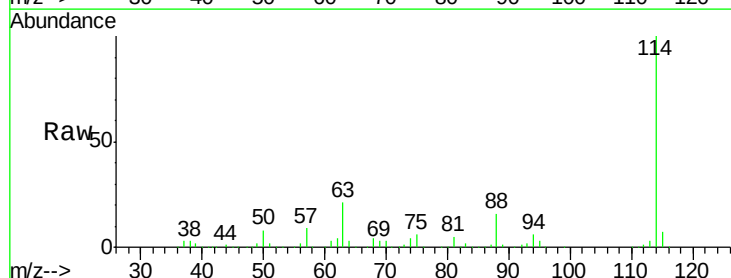
Instrument :
 MSVOA_X
 ClientSampleId :

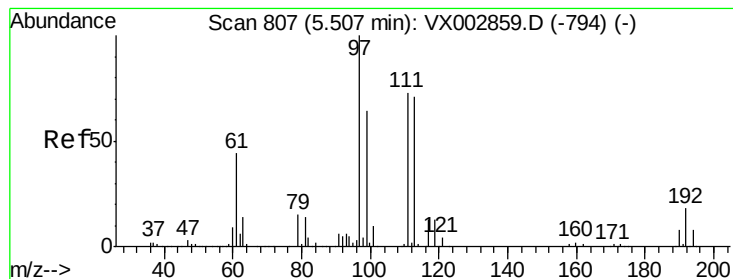
Tot Ion: 65 Resp: 164676
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

Tgt Ion: 114 Resp: 344653
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.51 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

Instrument :
MSVOA_X
ClientSampled :

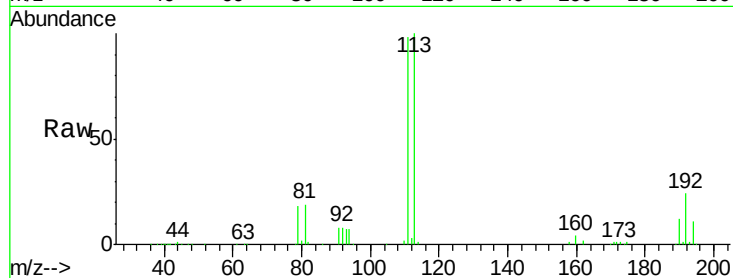
Tot Ion:113 Resp: 126942

Ion Ratio Lower Upper

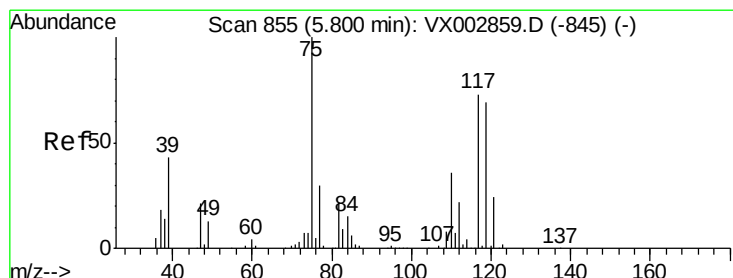
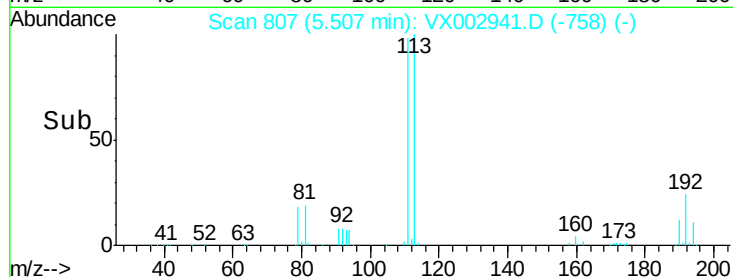
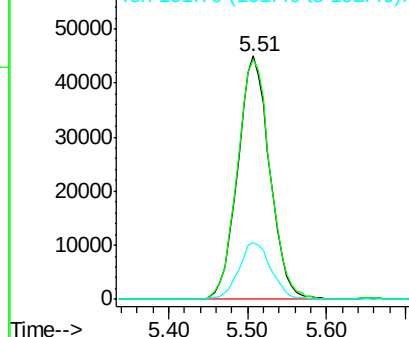
113 100

111 101.3 81.4 122.0

192 23.6 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: 4.44 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

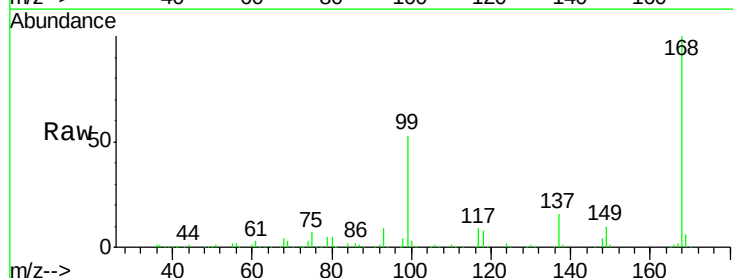
Tgt Ion: 75 Resp: 16798

Ion Ratio Lower Upper

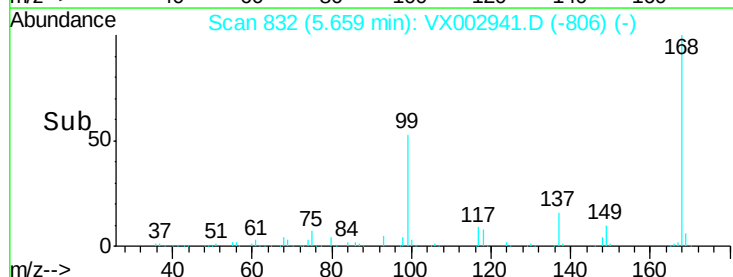
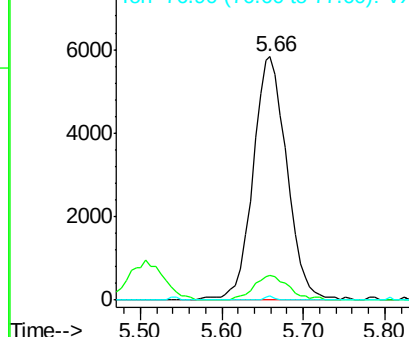
75 100

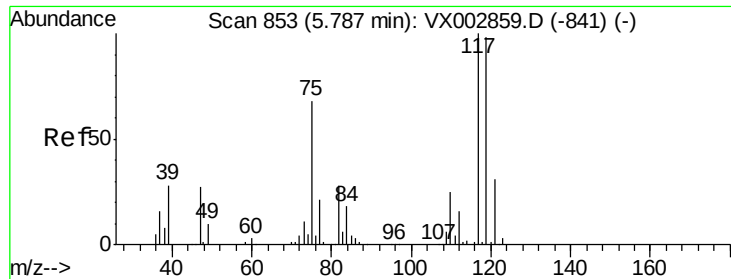
110 10.5 18.1 54.4#

77 0.5 24.3 36.5#



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





#38

Carbon Tetrachloride

Concen: 5.43 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.13 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

Instrument :

MSVOA_X

ClientSampled :

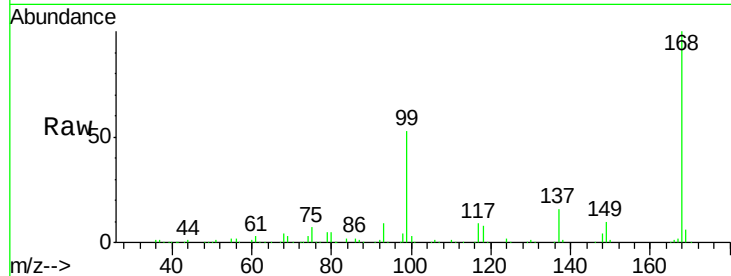
Tot Ion:117 Resp: 22526

Ion Ratio Lower Upper

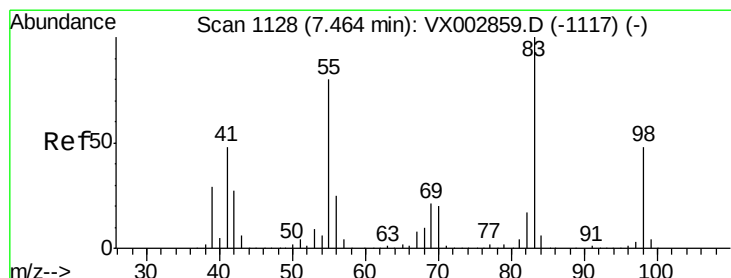
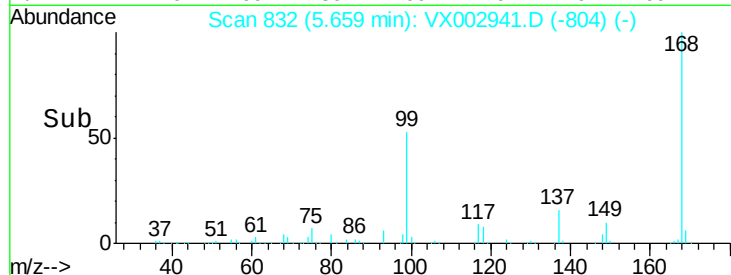
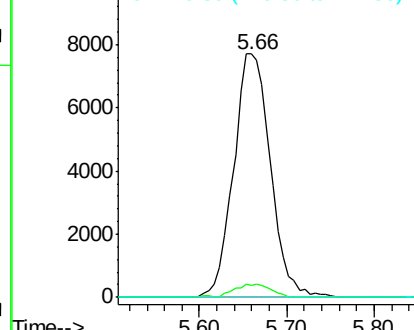
117 100

119 4.8 77.4 116.0#

121 0.0 24.4 36.6#



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: 0.23 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

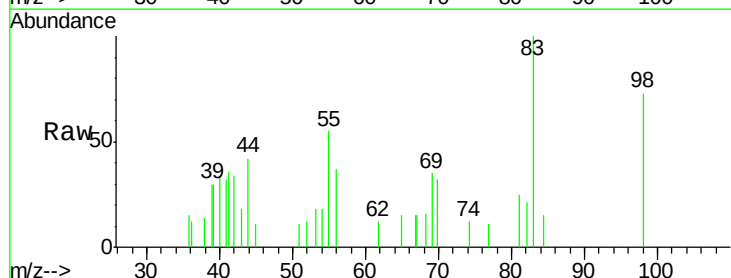
Tgt Ion: 83 Resp: 1030

Ion Ratio Lower Upper

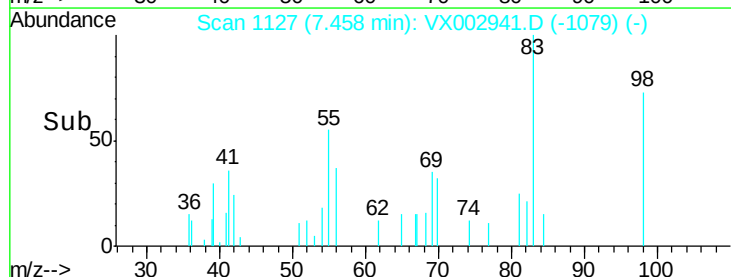
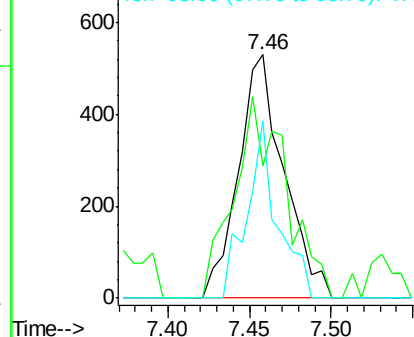
83 100

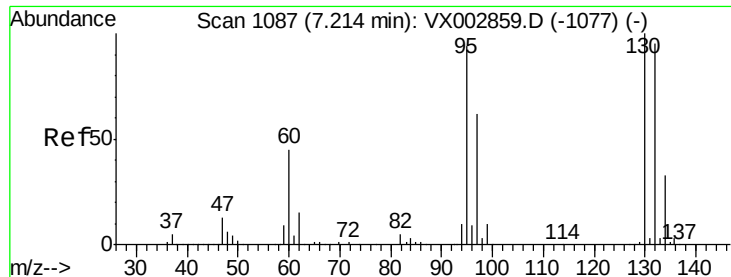
55 54.5 65.4 98.0#

98 72.6 37.4 56.0#



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





#44

Trichloroethene

Concen: 0.40 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

Instrument :

MSVOA_X

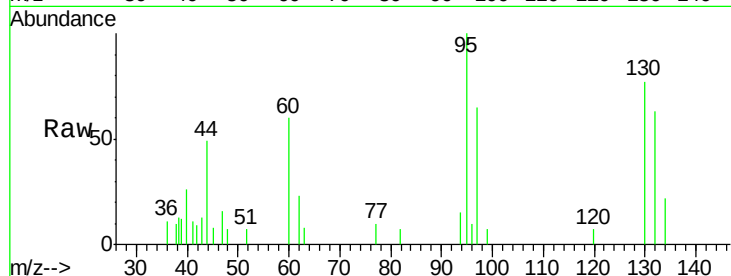
ClientSampleId :

Tot Ion:130 Resp: 1302

Ion Ratio Lower Upper

130 100

95 129.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

800

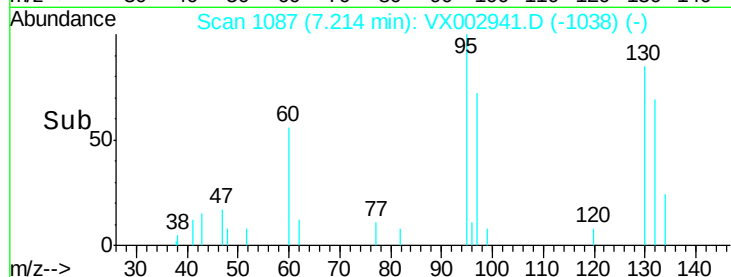
600

400

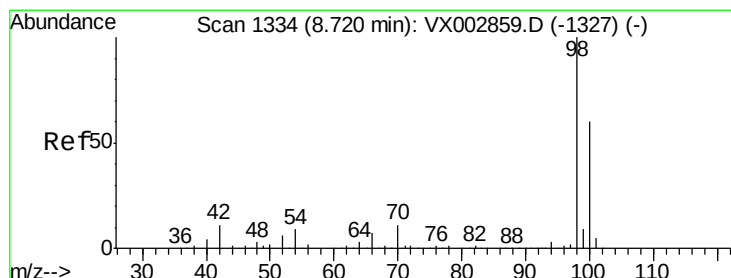
200

0

7.15 7.20 7.25



Time-->



#50

Toluene-d8

Concen: 48.80 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002941.D

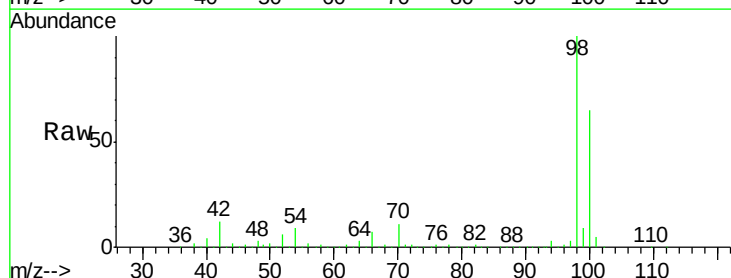
Acq: 27 Jun 2018 17:23

Tgt Ion: 98 Resp: 486395

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

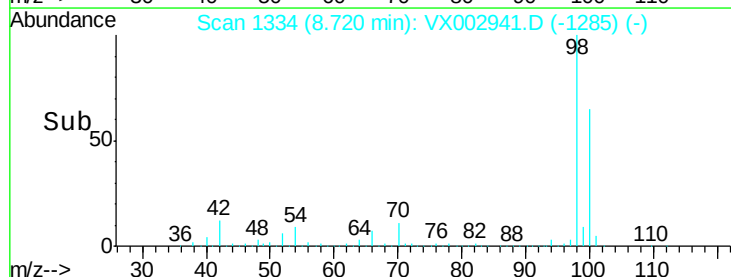
300000

200000

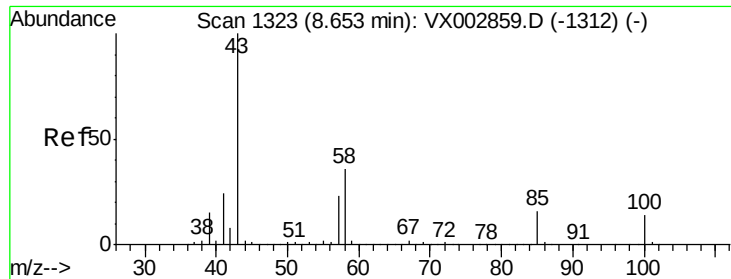
100000

0

8.60 8.70 8.80 8.90



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.42 ug/l

RT: 8.67 min Scan# 1326

Delta R.T. 0.02 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

Instrument :

MSVOA_X

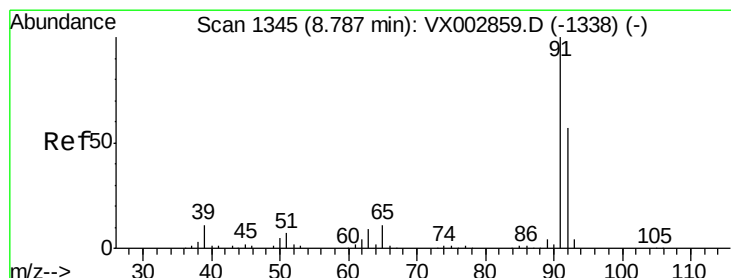
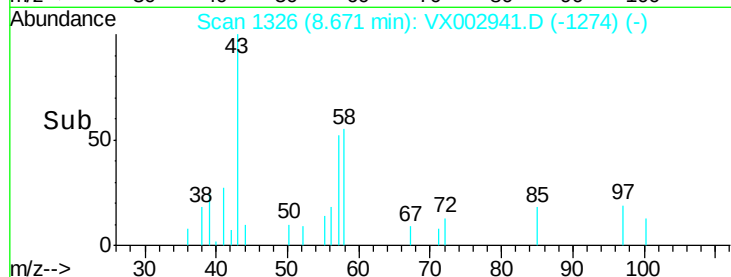
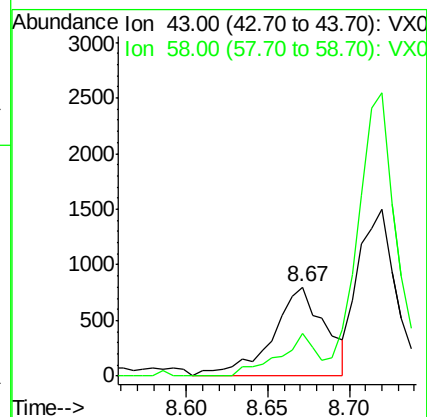
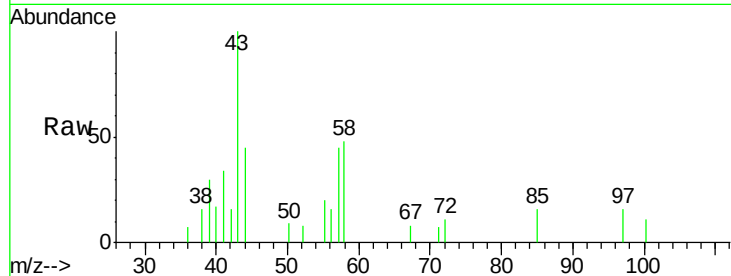
ClientSampled :

Tot Ion: 43 Resp: 1792

Ion Ratio Lower Upper

43 100

58 33.8 28.6 42.8



#52

Toluene

Concen: 1.38 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002941.D

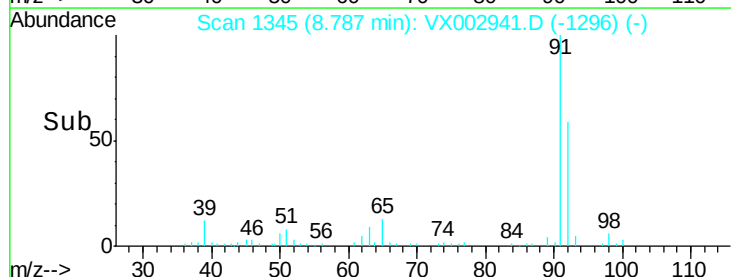
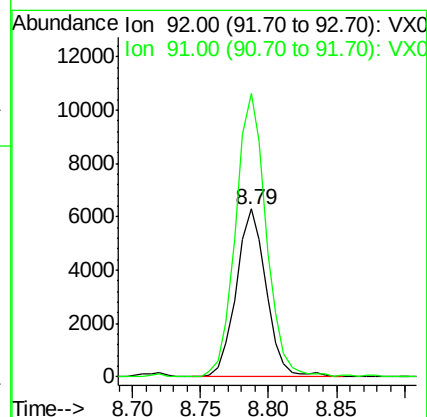
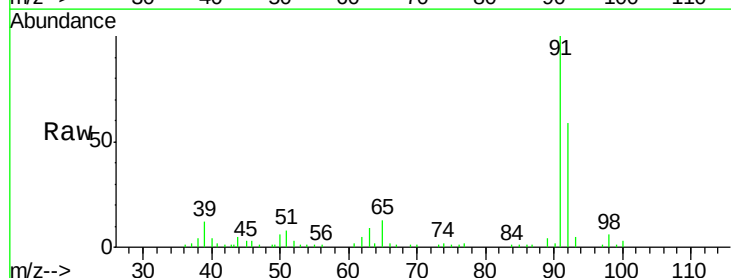
Acq: 27 Jun 2018 17:23

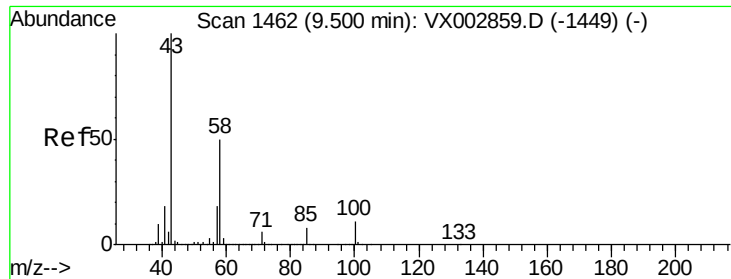
Tgt Ion: 92 Resp: 9685

Ion Ratio Lower Upper

92 100

91 171.3 140.4 210.6

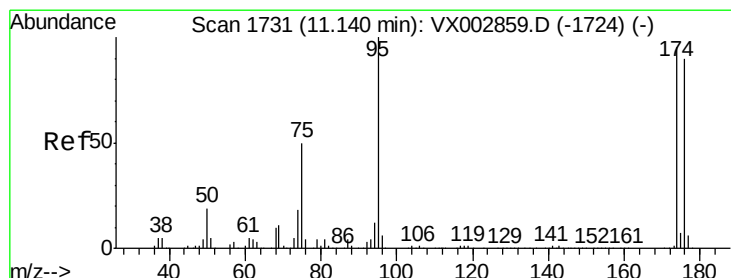
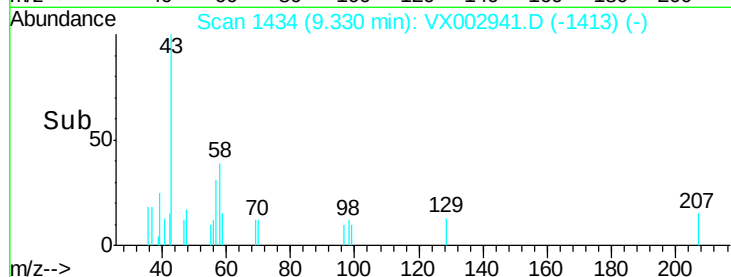
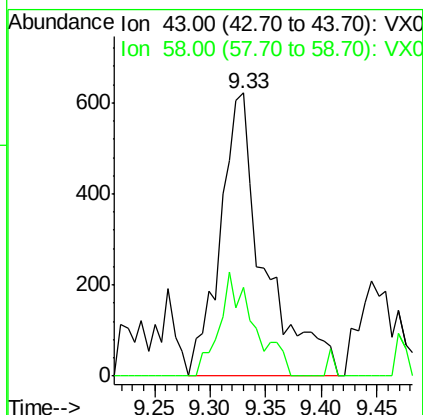
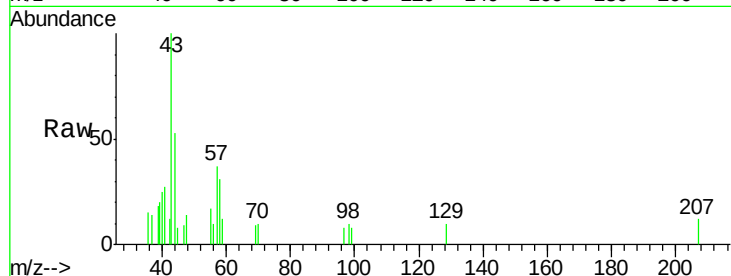




#59
2-Hexanone
Concen: 0.53 ug/l
RT: 9.33 min Scan# 1434
Delta R.T. -0.17 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

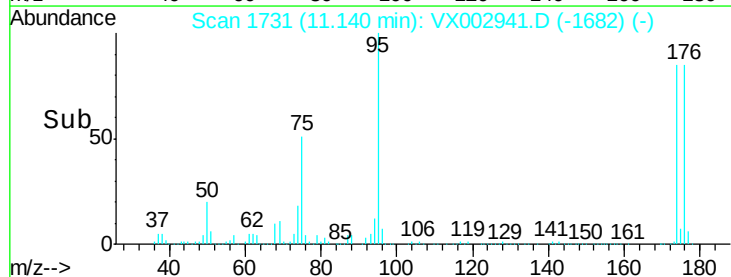
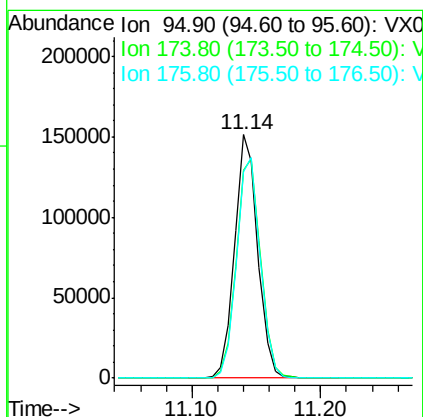
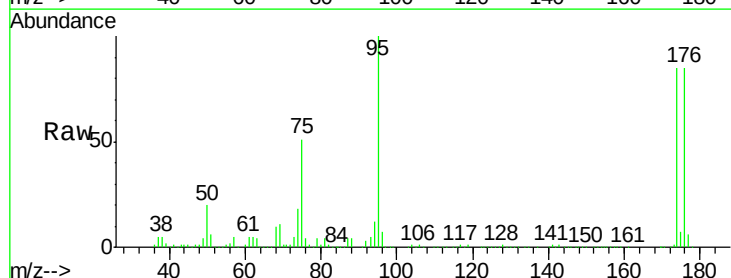
Instrument :
MSVOA_X
ClientSampleId :

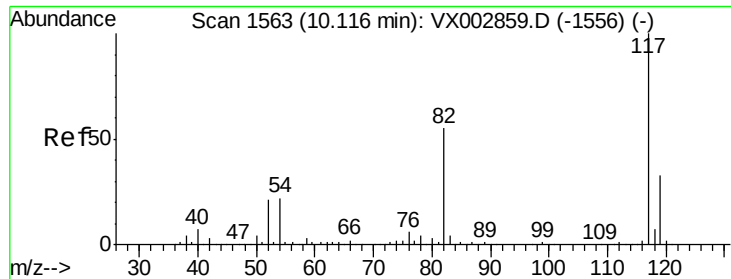
Tot Ion: 43 Resp: 1708
Ion Ratio Lower Upper
43 100
58 29.3 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 49.25 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

Tgt Ion: 95 Resp: 189309
Ion Ratio Lower Upper
95 100
174 94.0 0.0 187.4
176 92.9 0.0 181.0

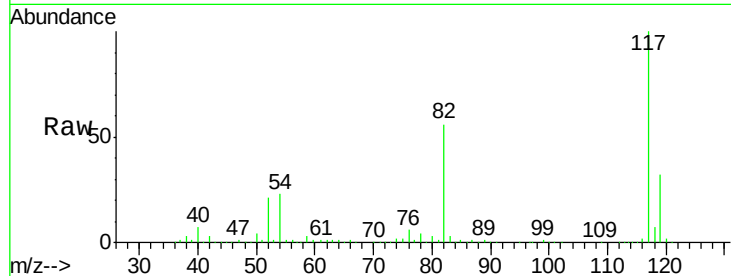




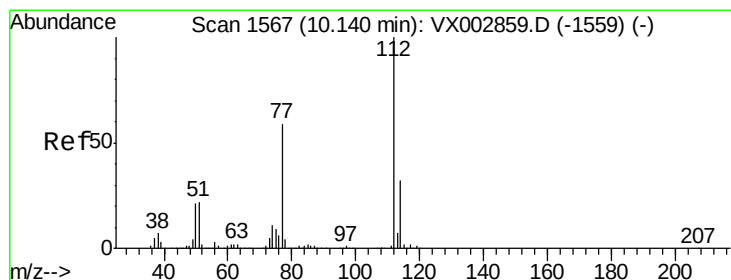
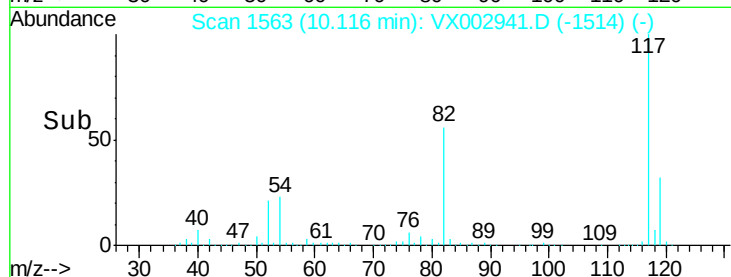
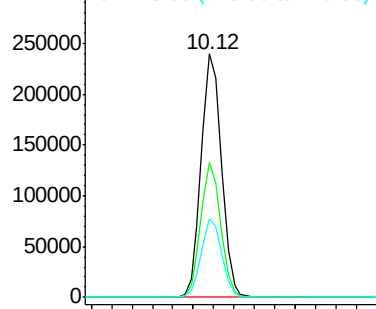
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 328677
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.1 25.8 38.6

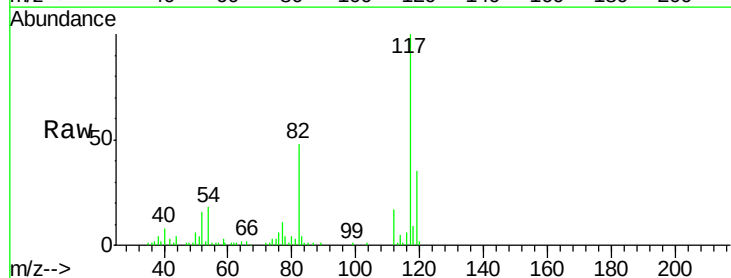


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

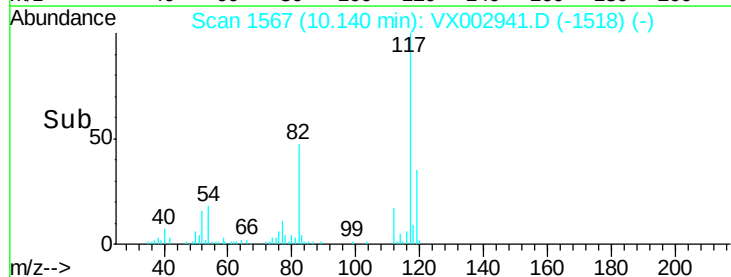
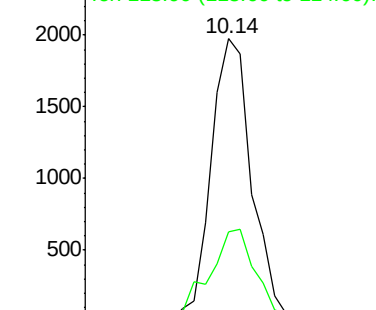


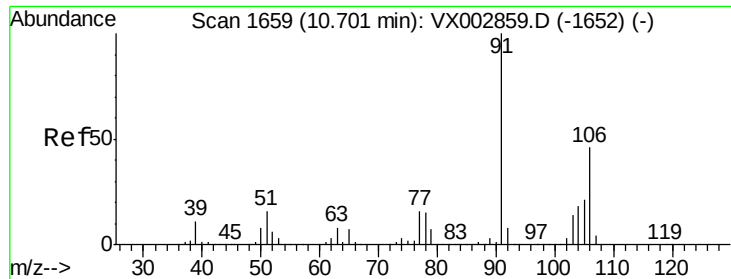
#65
Chlorobenzene
Concen: 0.36 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

Tgt Ion:112 Resp: 2968
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

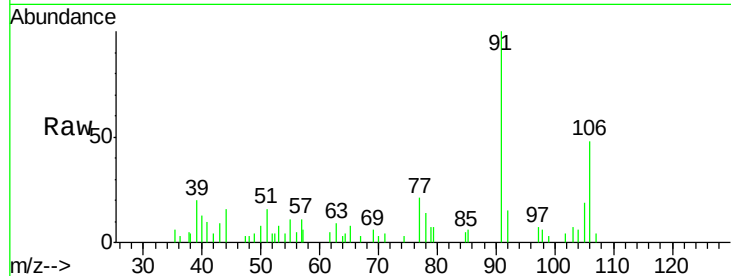




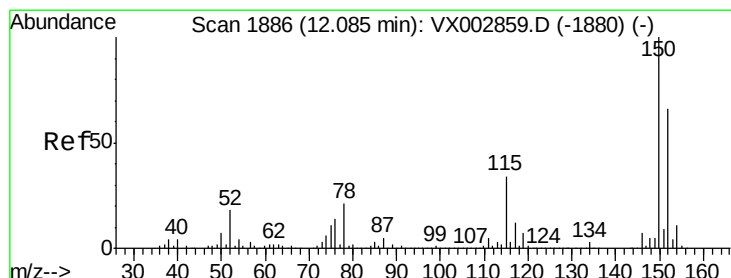
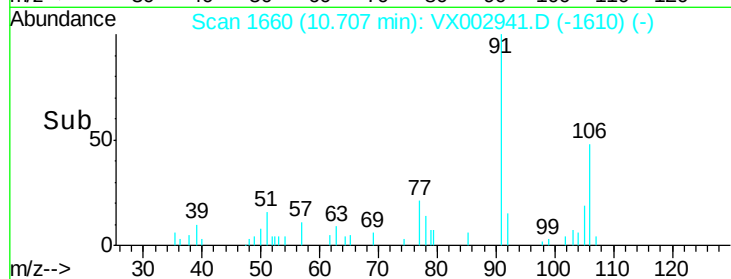
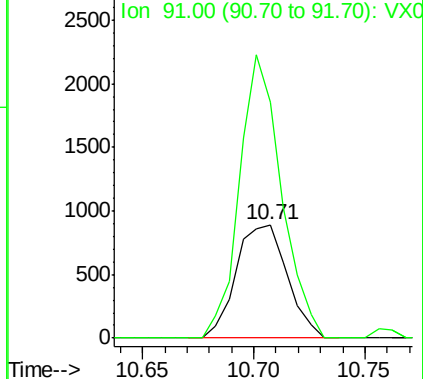
#69
o-Xylene
Concen: 0.27 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 1422
Ion Ratio Lower Upper
106 100
91 205.6 108.2 324.6

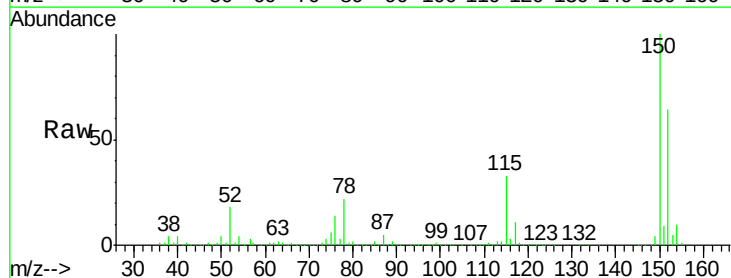


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

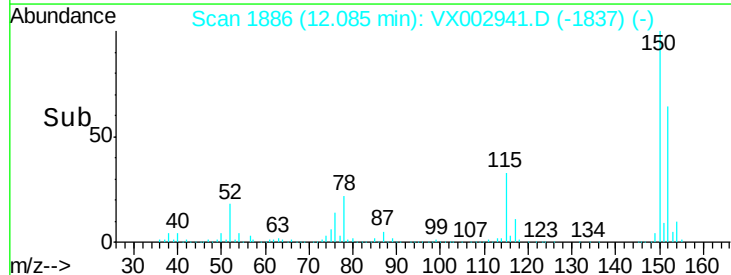
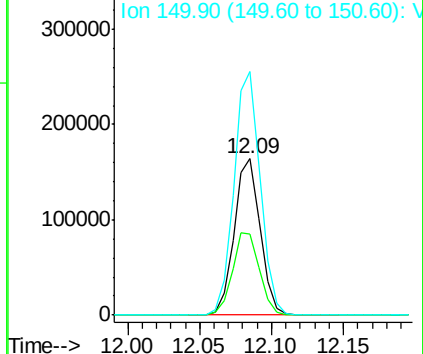


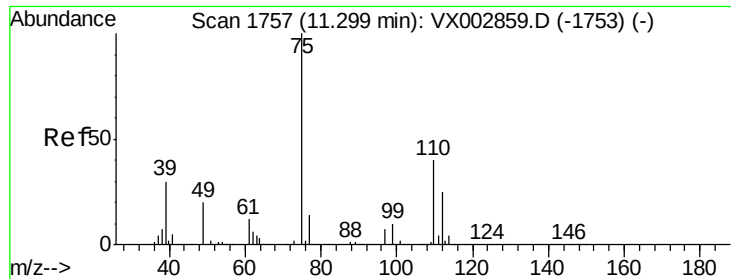
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

Tgt Ion:152 Resp: 207062
Ion Ratio Lower Upper
152 100
115 54.7 40.1 120.2
150 157.6 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

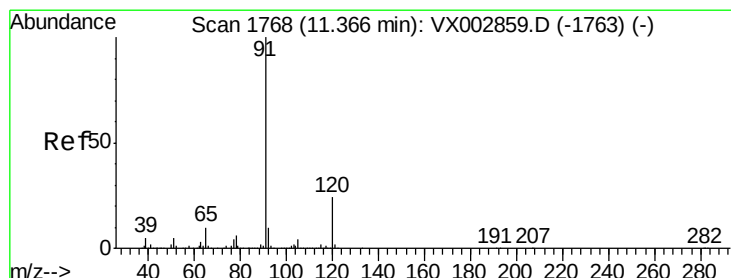
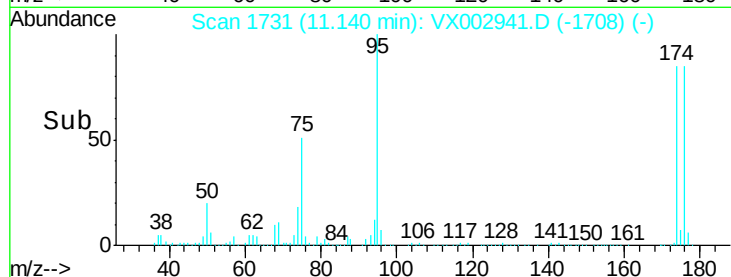
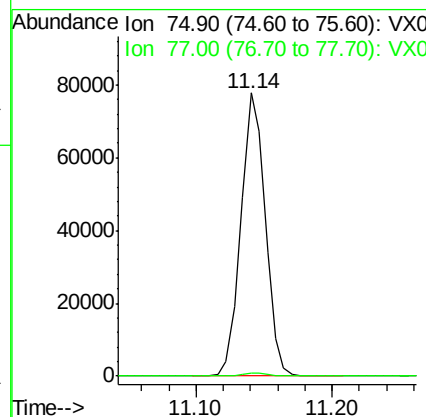
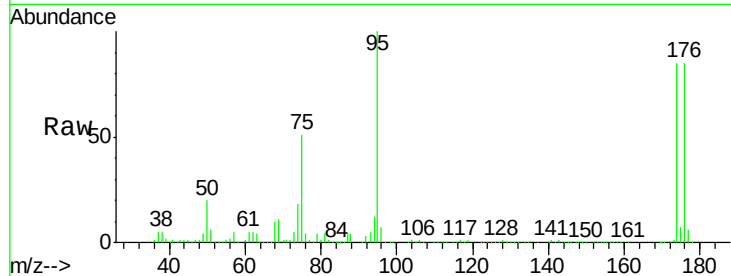




#76
 1,2,3-Trichloropropane
 Concen: 25.98 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

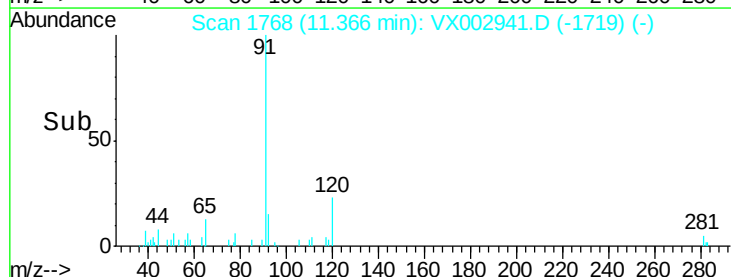
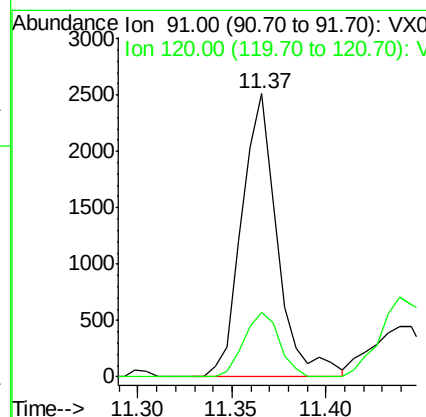
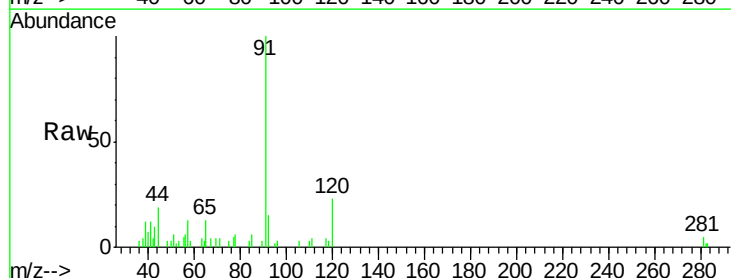
Instrument :
 MSVOA_X
 ClientSampleId :

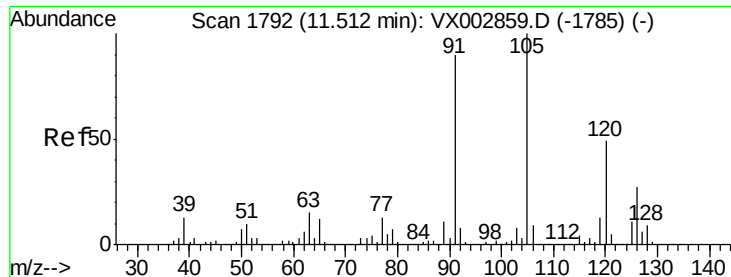
Tot Ion: 75 Resp: 97431
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.8 68.3#



#78
 n-propylbenzene
 Concen: 0.21 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

Tgt Ion: 91 Resp: 3309
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.8 35.4

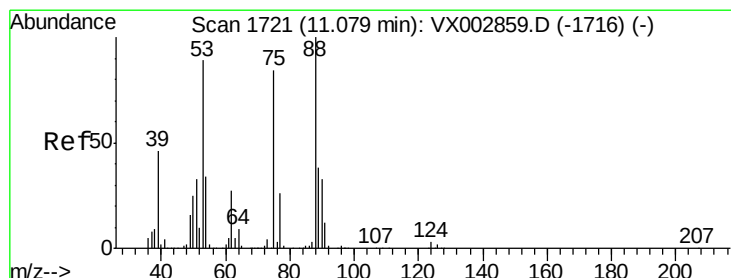
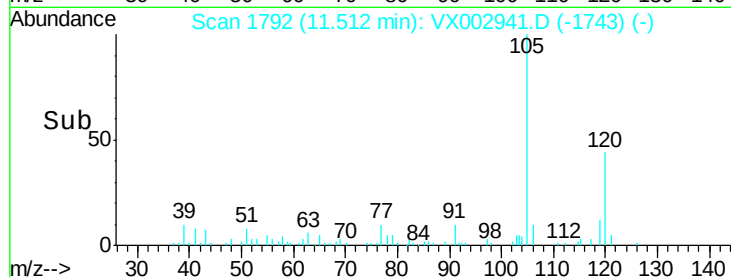
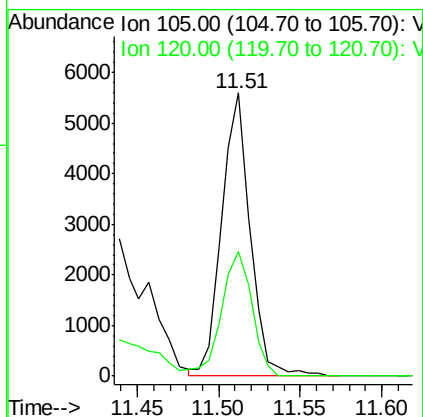
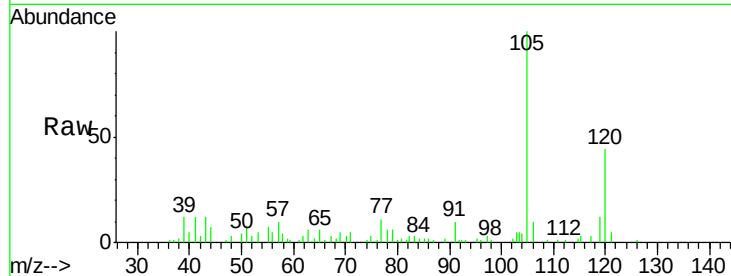




#80
 1,3,5-Trimethylbenzene
 Concen: 0.58 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

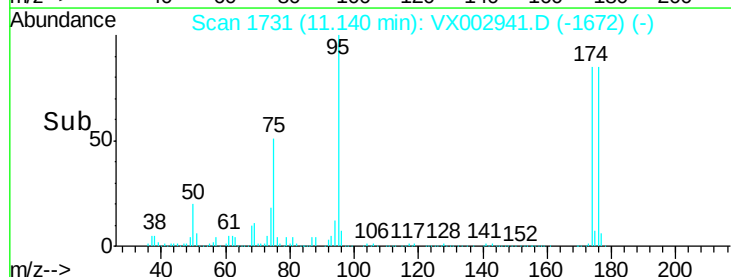
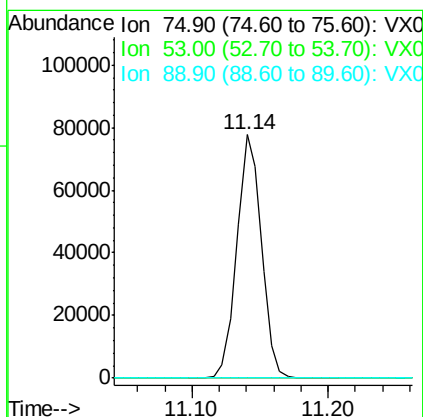
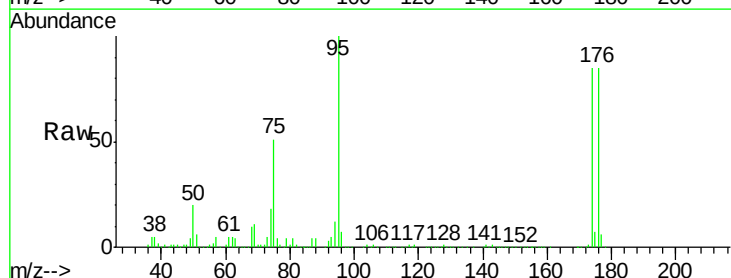
Instrument :
 MSVOA_X
 ClientSampled :

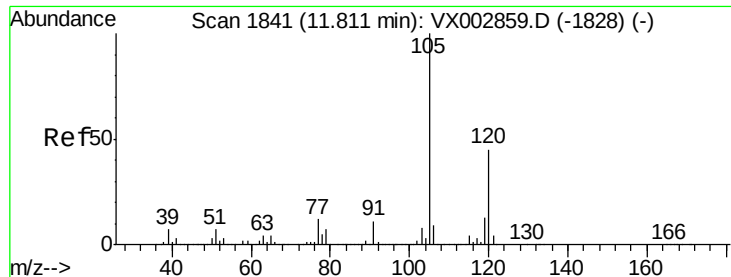
Tot Ion:105 Resp: 6801
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.66 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

Tgt Ion: 75 Resp: 97431
 Ion Ratio Lower Upper
 75 100
 53 0.4 86.8 130.2#
 89 0.0 38.2 57.2#

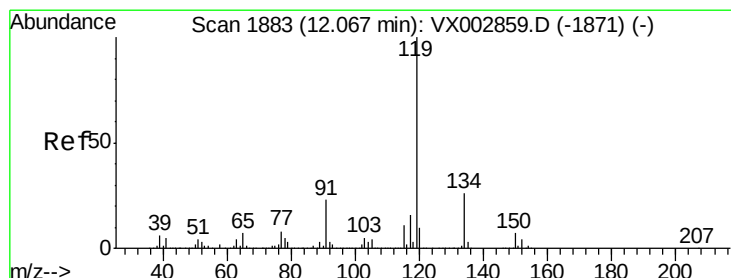
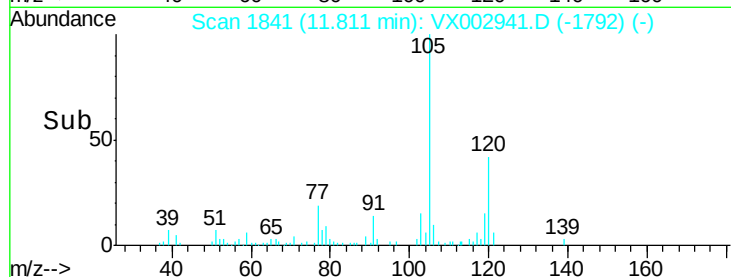
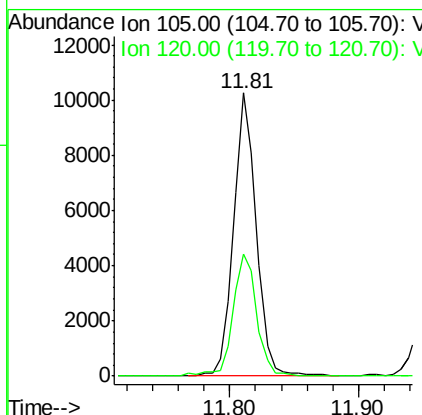
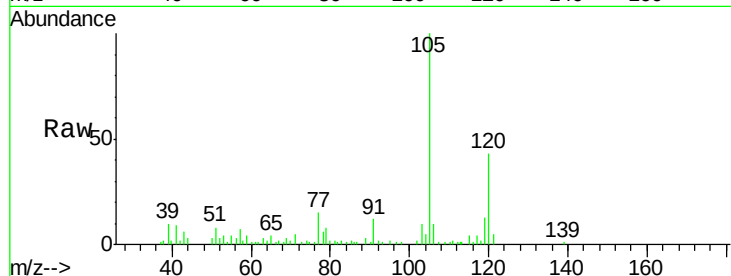




#84
 1,2,4-Trimethylbenzene
 Concen: 1.04 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

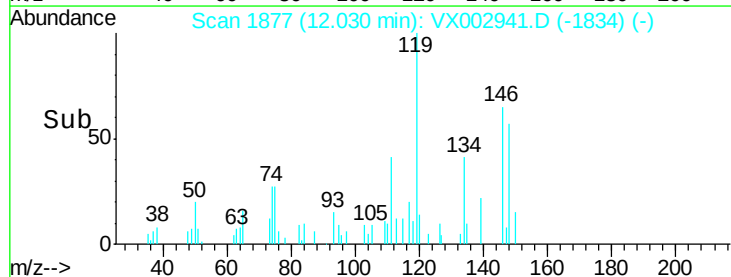
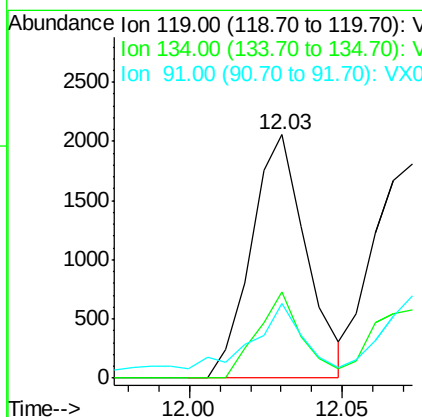
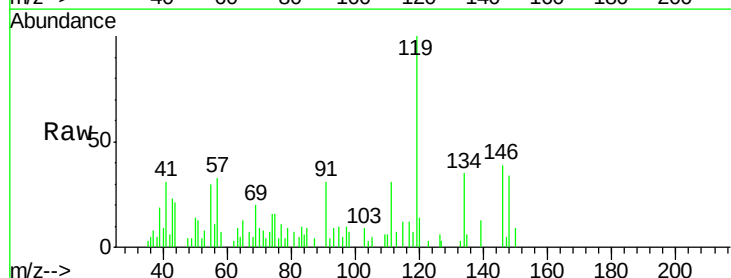
Instrument :
 MSVOA_X
 ClientSampled :

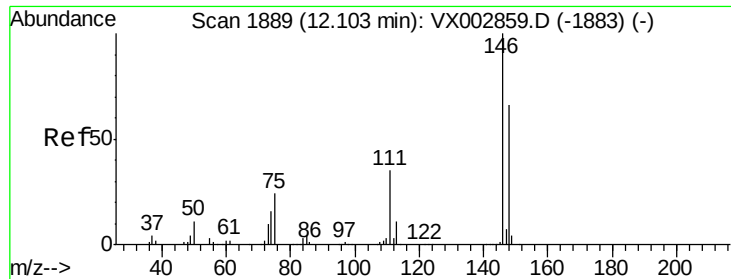
Tot Ion:105 Resp: 12606
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8



#86
 p-Isopropyltoluene
 Concen: 0.20 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.04 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

Tgt Ion:119 Resp: 2578
 Ion Ratio Lower Upper
 119 100
 134 28.7 13.4 40.1
 91 24.8 11.9 35.7

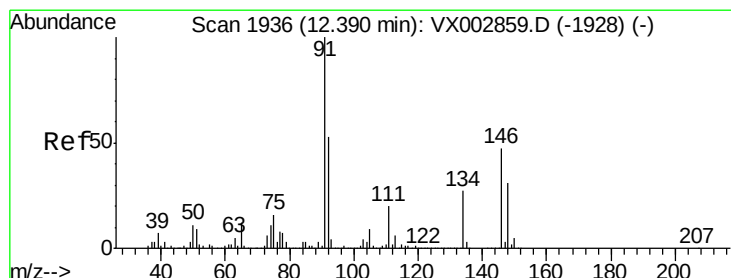
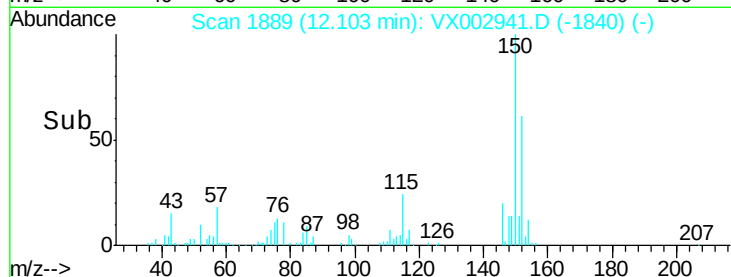
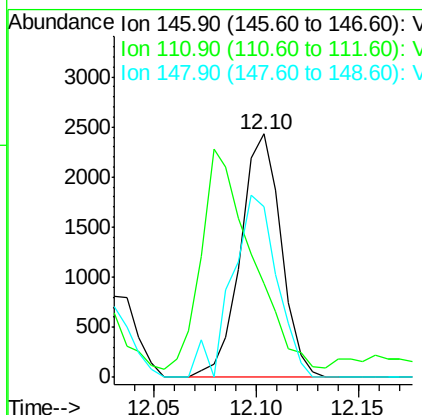
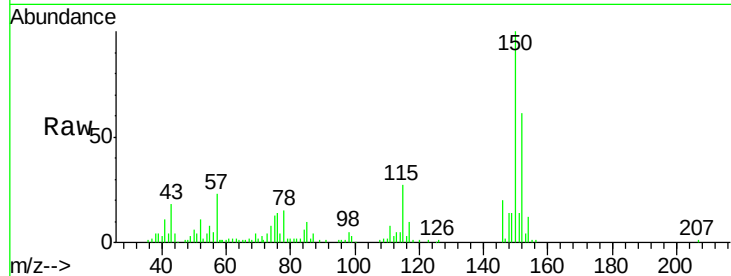




#88
 1,4-Dichlorobenzene
 Concen: 0.45 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

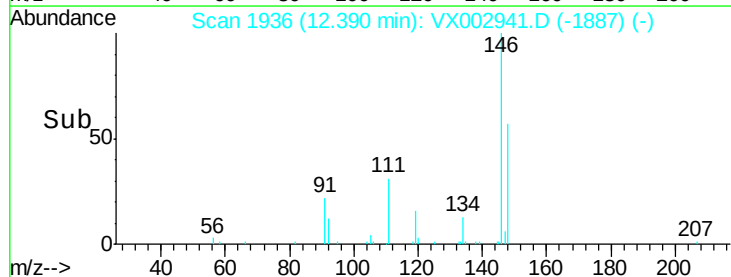
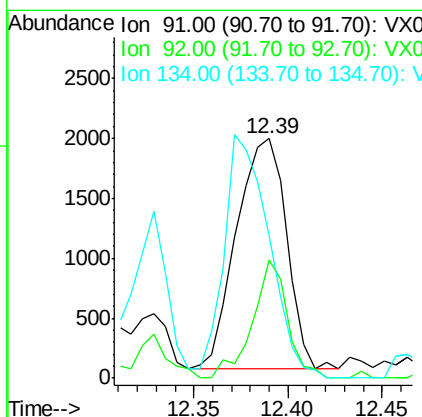
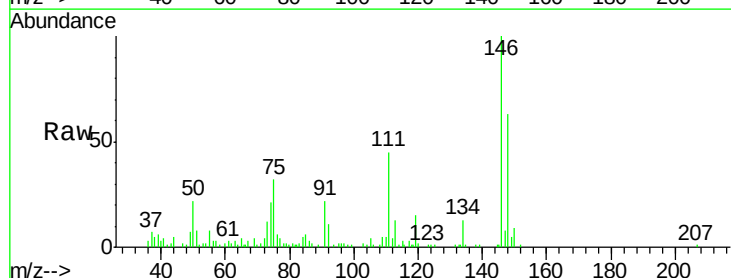
Instrument :
 MSVOA_X
 ClientSampleId :

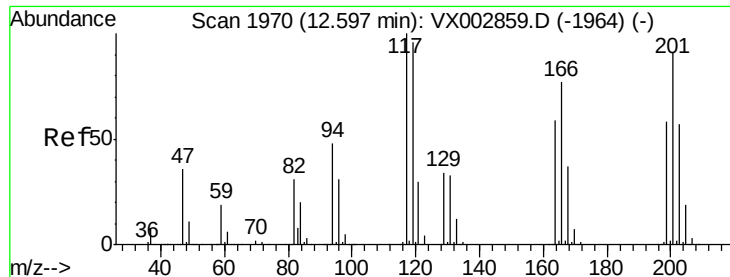
Tot Ion:146 Resp: 3363
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.7 56.1#
 148 83.1 32.4 97.0



#89
 n-Butylbenzene
 Concen: 0.32 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

Tgt Ion: 91 Resp: 3511
 Ion Ratio Lower Upper
 91 100
 92 36.1 26.0 78.0
 134 95.3 13.5 40.5#





#90

Hexachloroethane

Concen: 0.21 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

Instrument :

MSVOA_X

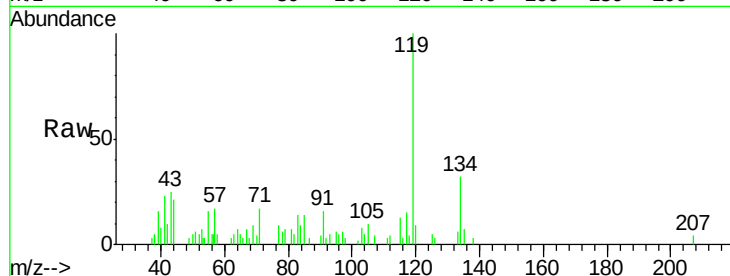
ClientSampleId :

Tot Ion:117 Resp: 393

Ion Ratio Lower Upper

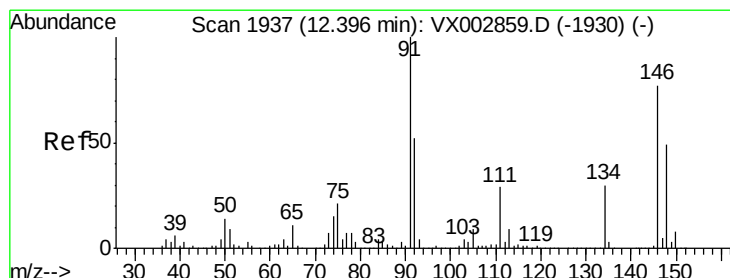
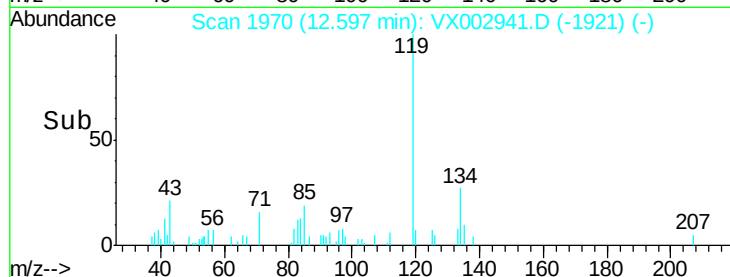
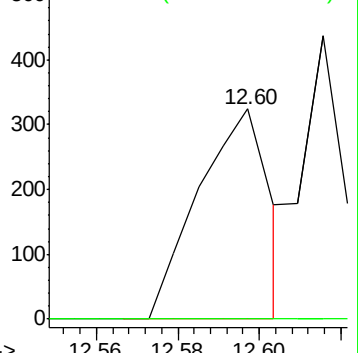
117 100

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: 2.12 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002941.D

Acq: 27 Jun 2018 17:23

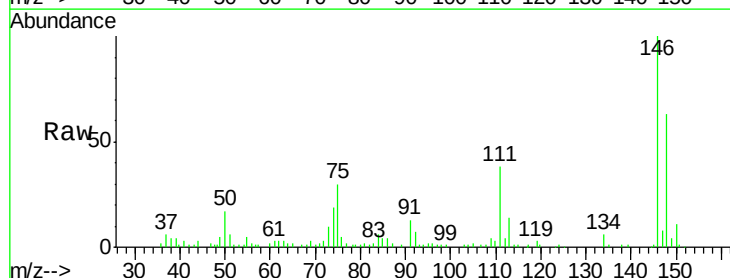
Tgt Ion:146 Resp: 15484

Ion Ratio Lower Upper

146 100

111 41.6 19.4 58.1

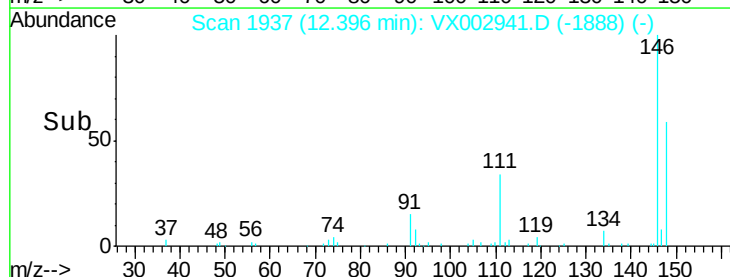
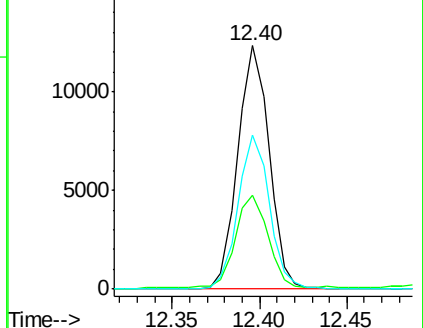
148 63.3 31.7 95.1

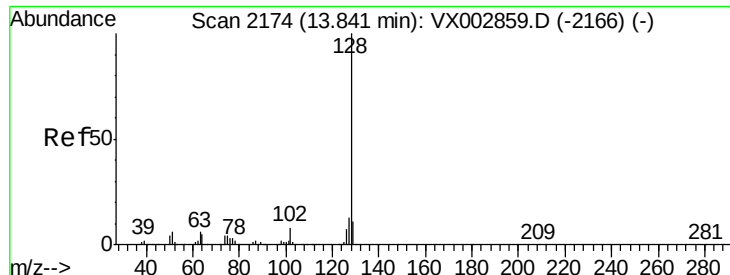


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

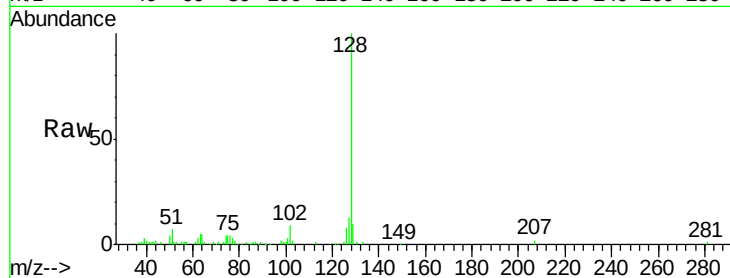




#95
Naphthalene
Concen: 1.25 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	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

