

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002871.D
 Acq On : 25 Jun 2018 20:48
 Operator : JC/MD
 Sample : J3592-02DL 2X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 05:26:37 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	254592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170879	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.51	113	133489	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	8.72	98	501475	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.14	95	179183	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	

Target Compounds

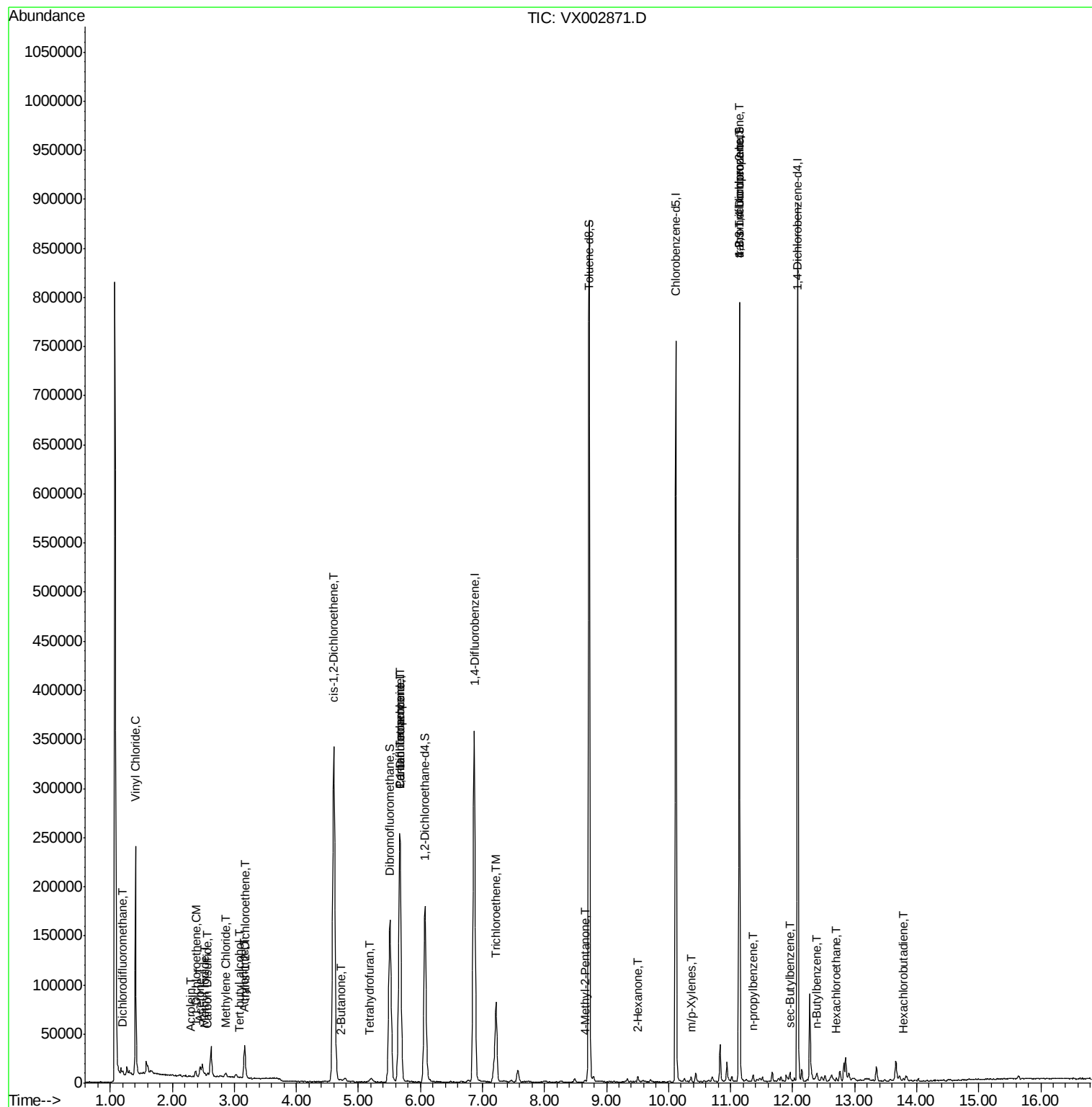
						Qvalue
2) Dichlorodifluoromethane	1.20	85	1864	0.52	ug/l	96
3) Chloromethane	1.32	50	1169	Below	Cal	94
4) Vinyl Chloride	1.40	62	144883	50.32	ug/l	100
5) Bromomethane	1.65	94	2466	Below	Cal	93
6) Chloroethane	1.64	64	547	Below	Cal	# 64
10) Methyl Iodide	2.52	142	3807	7.39	ug/l	# 92
11) Tert butyl alcohol	3.08	59	461	0.66	ug/l	# 77
12) 1,1-Dichloroethene	2.37	96	1556	0.62	ug/l	# 83
13) Acrolein	2.29	56	289	4.96	ug/l	# 34
15) Acrylonitrile	3.15	53	534	0.36	ug/l	# 83
16) Acetone	2.45	43	10843	7.44	ug/l	95
17) Carbon Disulfide	2.57	76	4405	0.66	ug/l	98
20) Methylene Chloride	2.86	84	1880	0.66	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	13232	4.84	ug/l	99
25) 2-Butanone	4.71	43	2252	1.04	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	213254	69.55	ug/l	83
29) Tetrahydrofuran	5.17	42	612	0.44	ug/l	# 52
36) 1,1-Dichloropropene	5.67	75	17191	4.39	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	24006	5.59	ug/l	# 15
44) Trichloroethene	7.21	130	31572	9.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1591	0.36	ug/l	# 87
59) 2-Hexanone	9.51	43	2575	0.77	ug/l	73
68) m/p-Xylenes	10.36	106	1074	0.20	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	95173	28.15	ug/l	# 33
78) n-propylbenzene	11.37	91	3895	0.27	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	95173	79.55	ug/l	# 7
85) sec-Butylbenzene	11.95	105	2842	0.22	ug/l	84
89) n-Butylbenzene	12.39	91	1997	0.20	ug/l	91
90) Hexachloroethane	12.70	117	1064	0.63	ug/l	# 1
94) Hexachlorobutadiene	13.79	225	482	0.20	ug/l	80

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

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

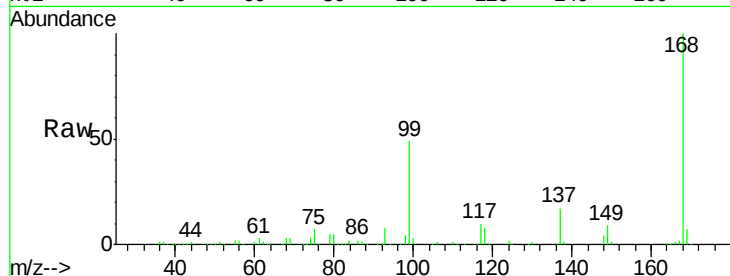
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 254592

Ion Ratio Lower Upper

168 100

99 49.0 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

100000

80000

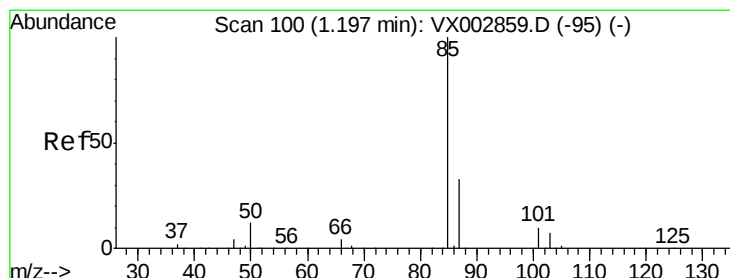
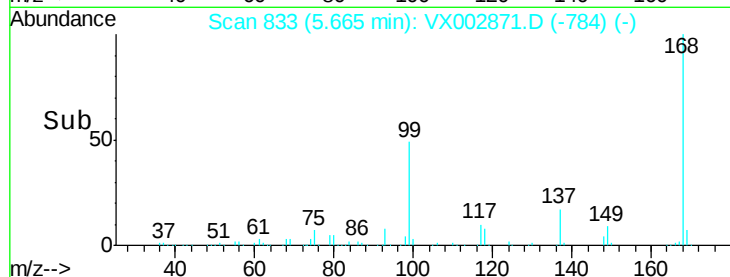
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.52 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002871.D

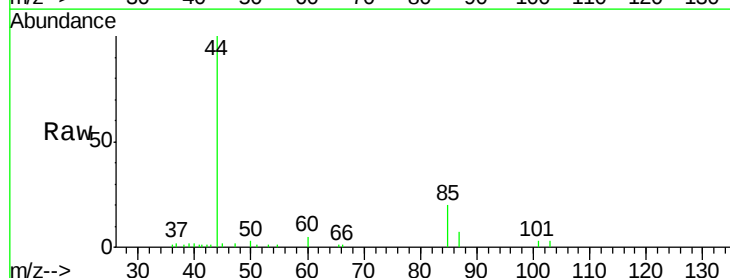
Acq: 25 Jun 2018 20:48

Tgt Ion: 85 Resp: 1864

Ion Ratio Lower Upper

85 100

87 34.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

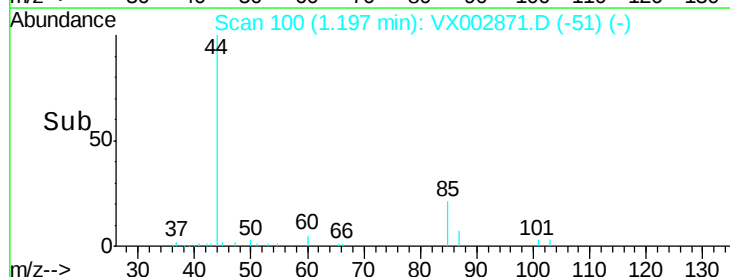
1500

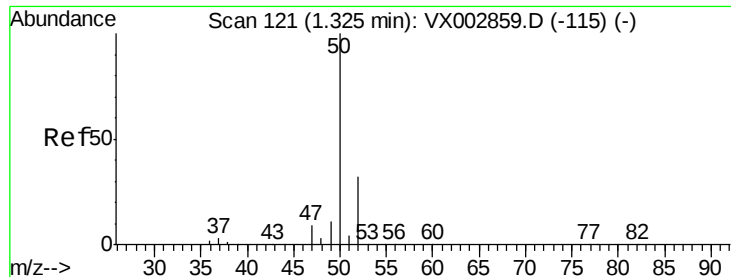
1000

500

0

Time--> 1.20 1.25





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

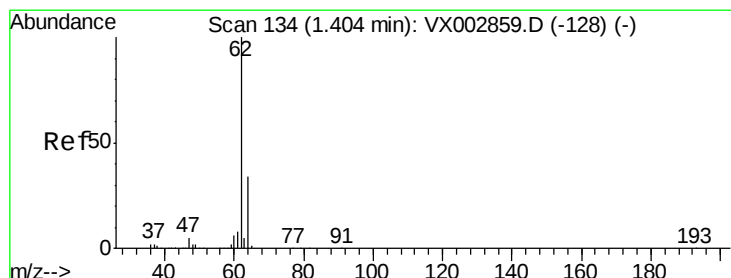
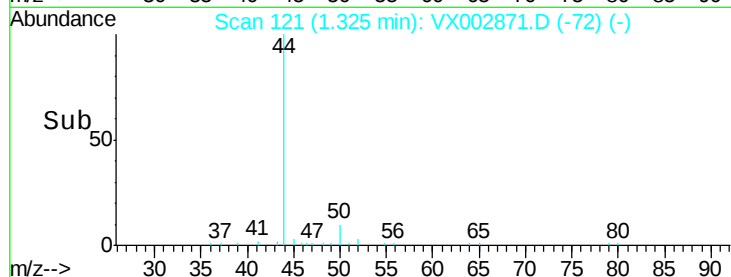
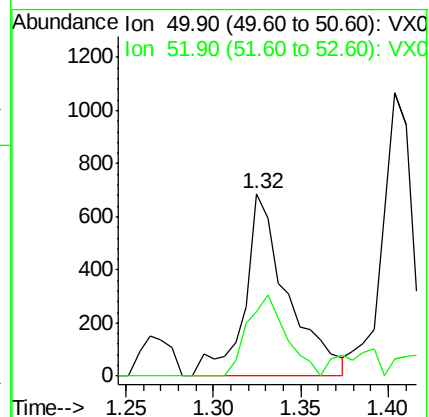
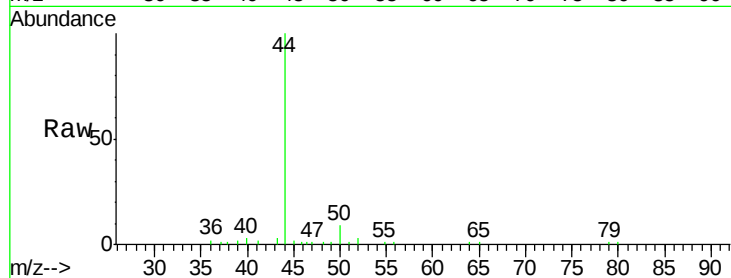
ClientSampleId :

Tot Ion: 50 Resp: 1169

Ion Ratio Lower Upper

50 100

52 35.2 25.7 38.5



#4

Vinyl Chloride

Concen: 50.32 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002871.D

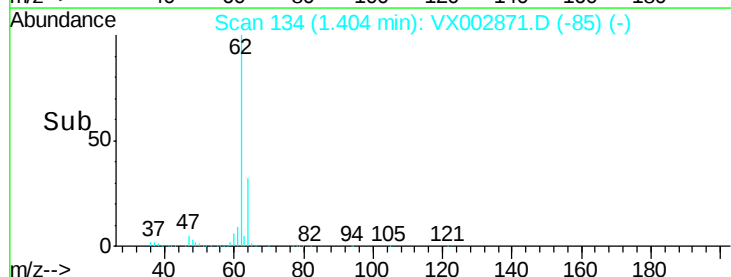
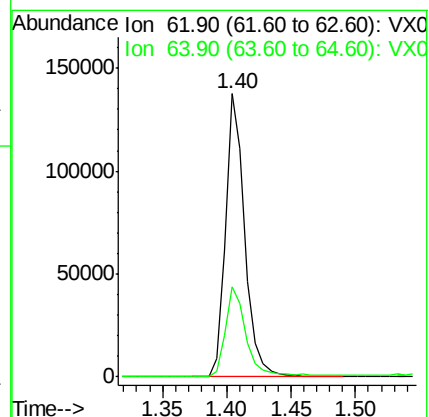
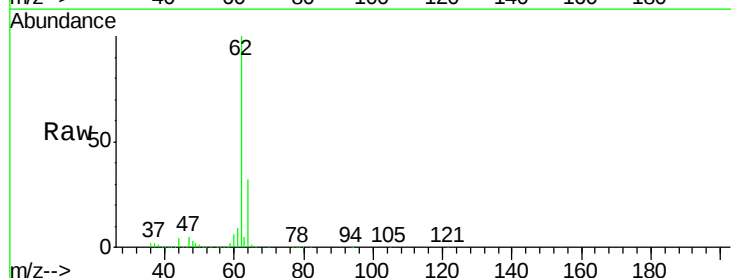
Acq: 25 Jun 2018 20:48

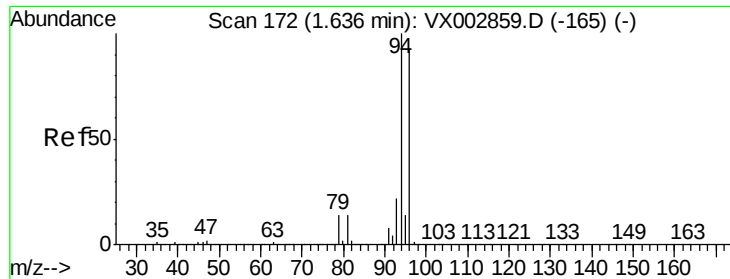
Tgt Ion: 62 Resp: 144883

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

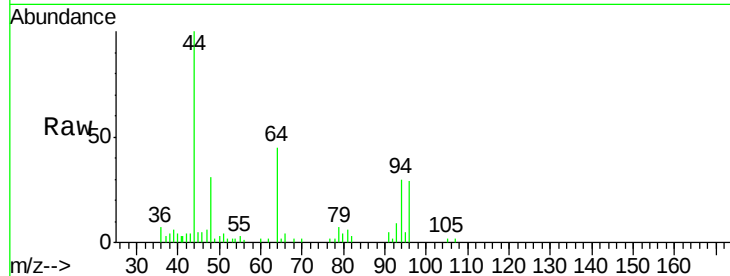
ClientSampleId :

Tot Ion: 94 Resp: 2466

Ion Ratio Lower Upper

94 100

96 100.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

600

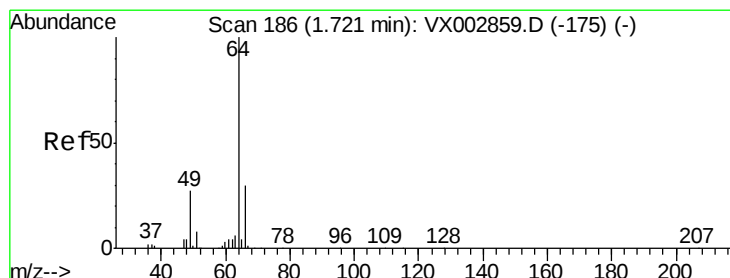
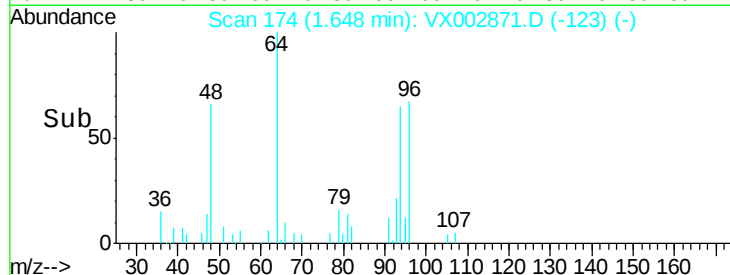
400

200

0

1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. -0.08 min

Lab File: VX002871.D

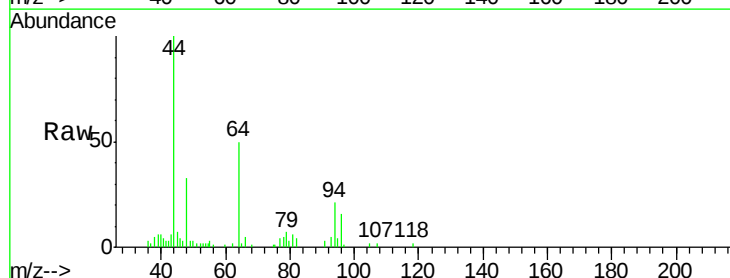
Acq: 25 Jun 2018 20:48

Tgt Ion: 64 Resp: 547

Ion Ratio Lower Upper

64 100

66 12.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

2000

1500

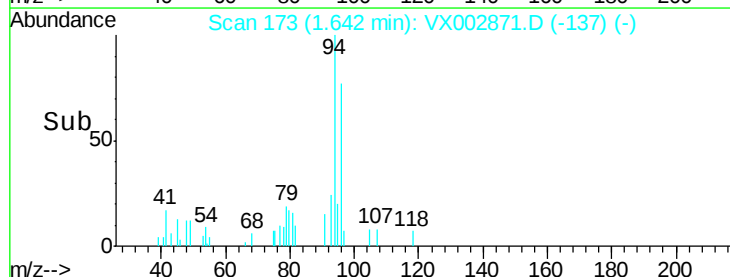
1000

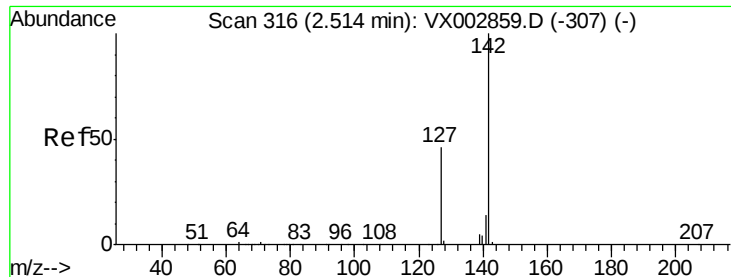
500

0

1.62 1.64 1.66

Time-->

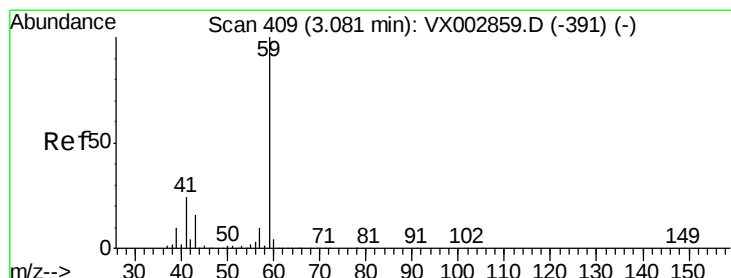
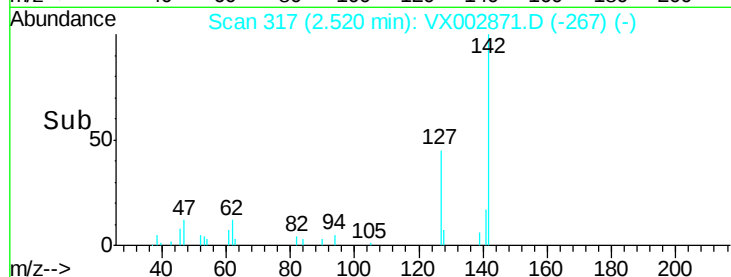
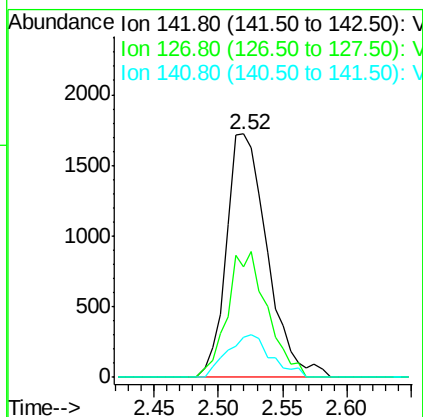
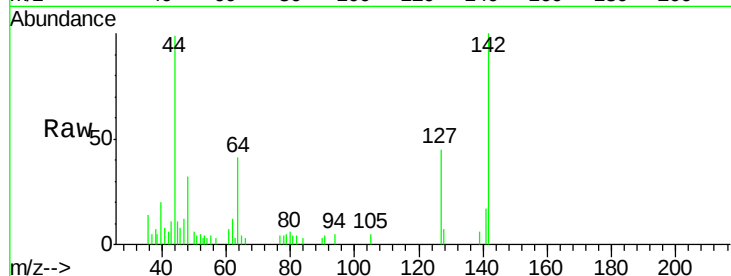




#10
Methyl Iodide
Concen: 7.39 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

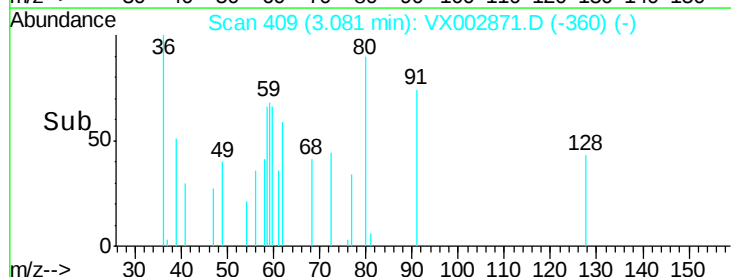
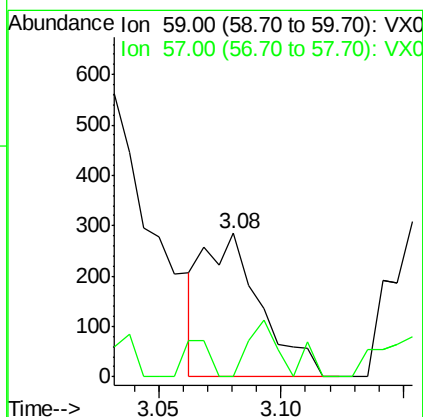
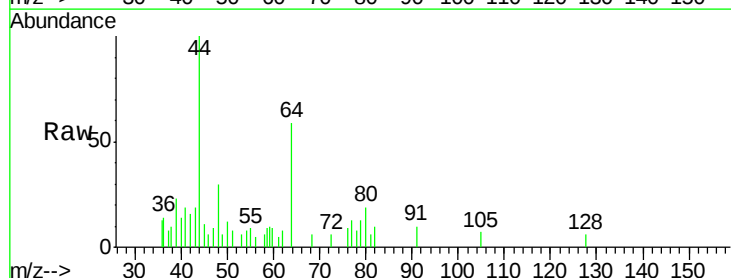
Instrument :
MSVOA_X
ClientSampled :

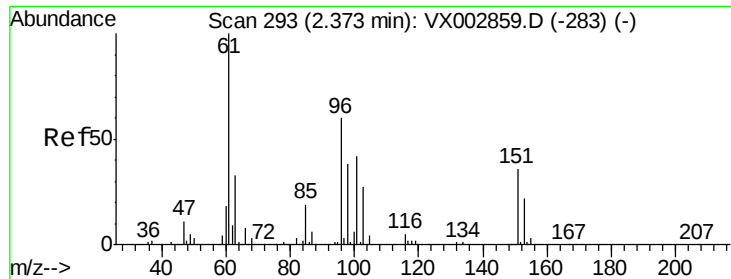
Tot Ion:142 Resp: 3807
Ion Ratio Lower Upper
142 100
127 50.4 36.6 55.0
141 18.9 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.66 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 59 Resp: 461
Ion Ratio Lower Upper
59 100
57 18.9 8.2 12.2#





#12

1,1-Dichloroethene

Concen: 0.62 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

ClientSampled :

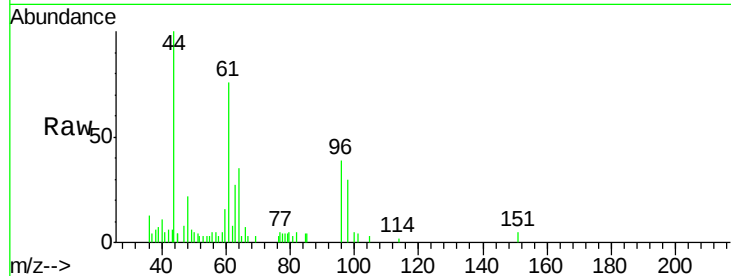
Tot Ion: 96 Resp: 1556

Ion Ratio Lower Upper

96 100

61 195.5 137.9 206.9

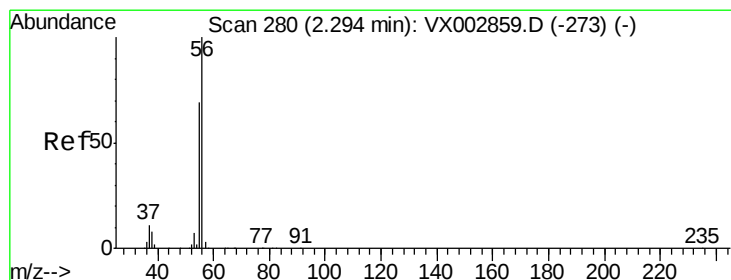
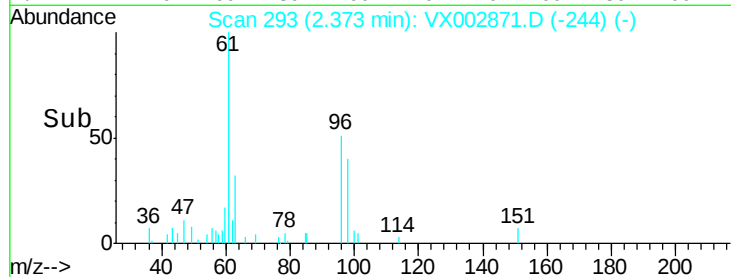
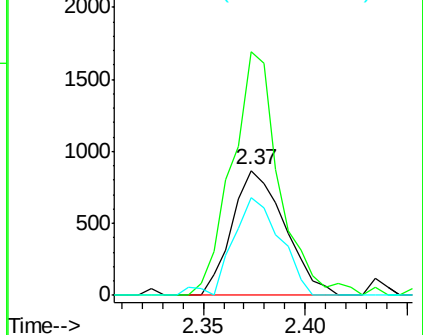
98 78.2 51.6 77.4#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 4.96 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX002871.D

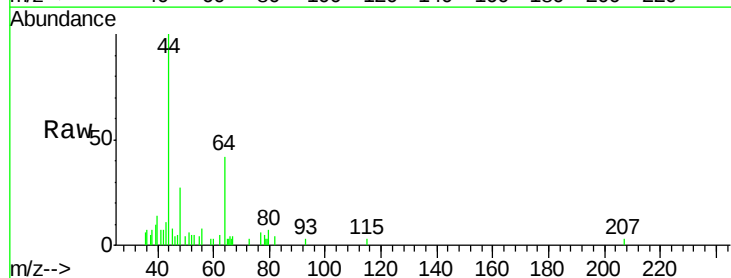
Acq: 25 Jun 2018 20:48

Tgt Ion: 56 Resp: 289

Ion Ratio Lower Upper

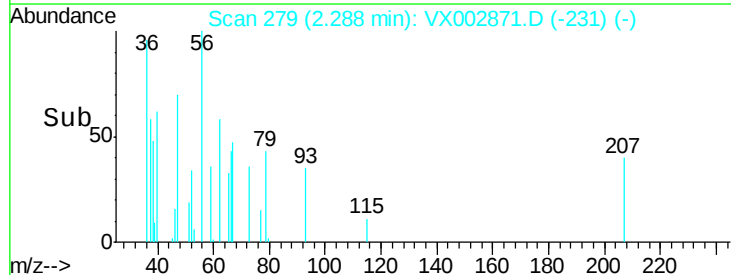
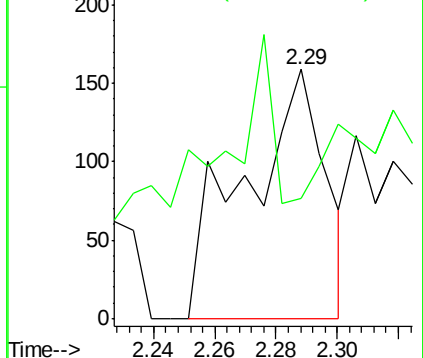
56 100

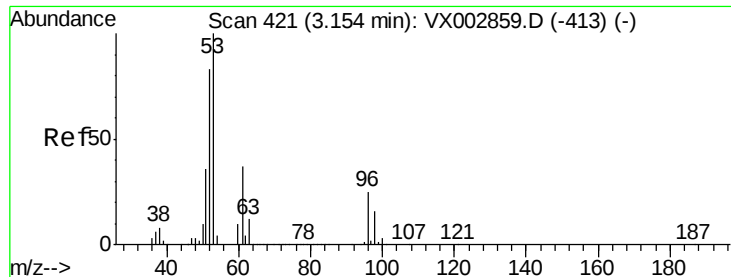
55 17.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.36 ug/l

RT: 3.15 min Scan# 420

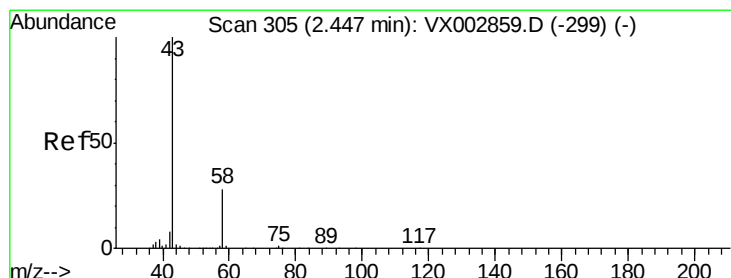
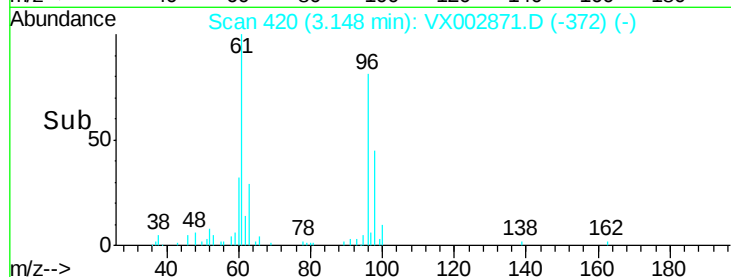
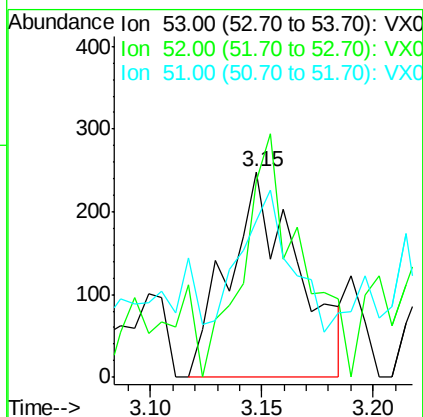
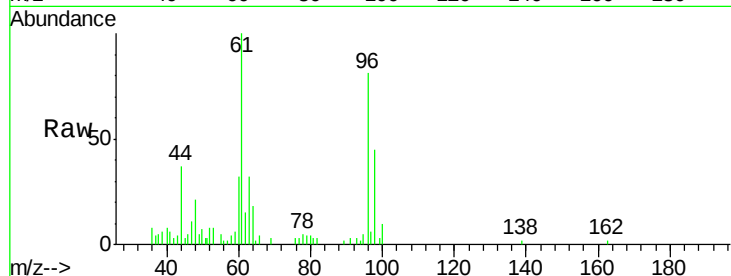
Delta R.T. -0.01 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	534
Ion	Ratio	Lower	Upper
53	100		
52	97.6	66.7	100.1
51	48.7	29.9	44.9#



#16

Acetone

Concen: 7.44 ug/l

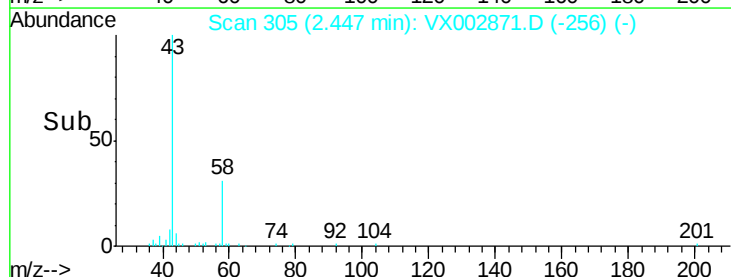
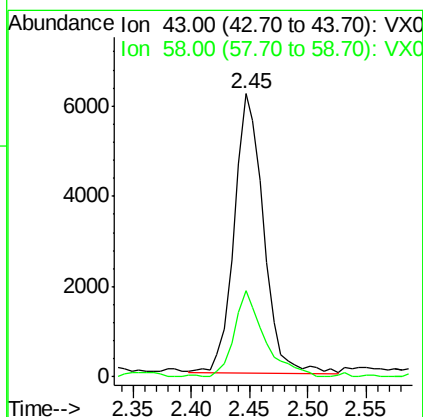
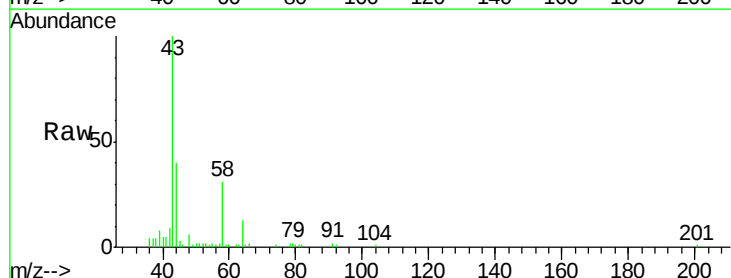
RT: 2.45 min Scan# 305

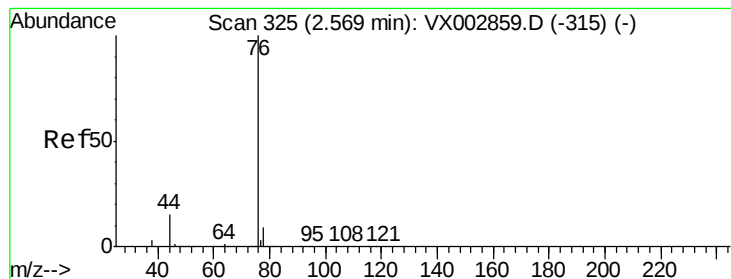
Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Tgt Ion:	43	Resp:	10843
Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.1	33.1





#17

Carbon Disulfide

Concen: 0.66 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

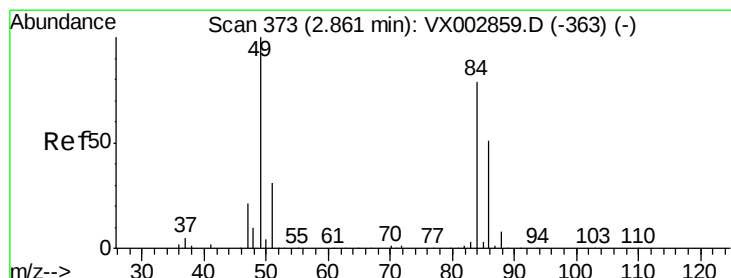
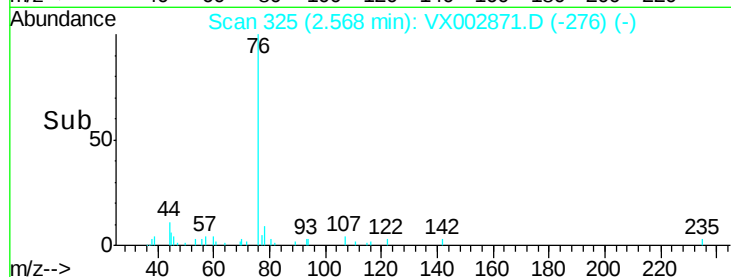
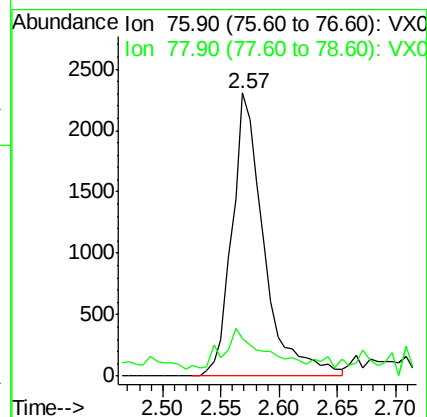
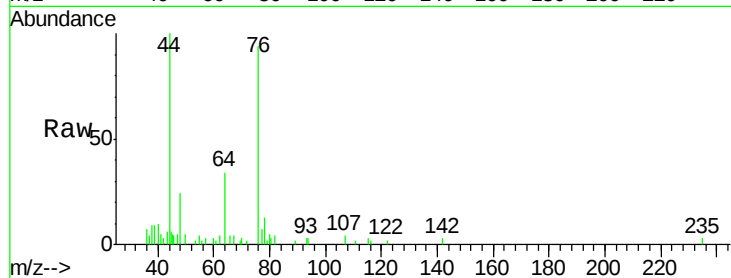
ClientSampled :

Tot Ion: 76 Resp: 4405

Ion Ratio Lower Upper

76 100

78 9.4 6.9 10.3



#20

Methylene Chloride

Concen: 0.66 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Tgt Ion: 84 Resp: 1880

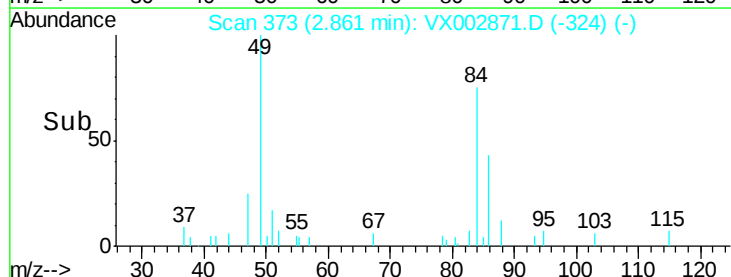
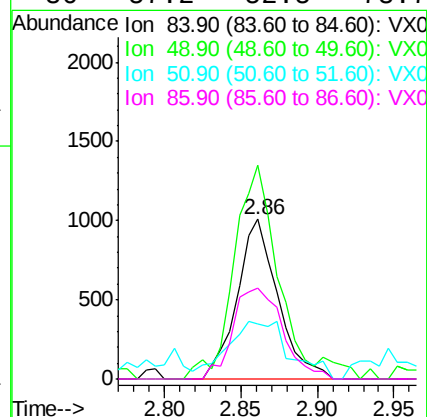
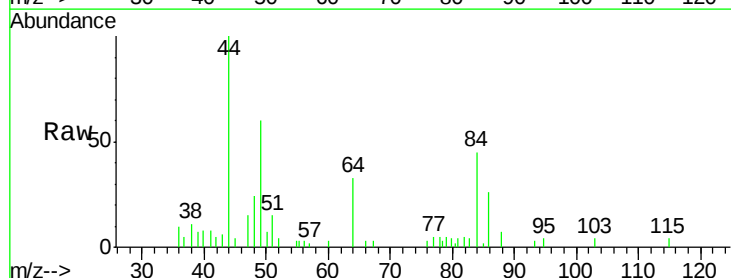
Ion Ratio Lower Upper

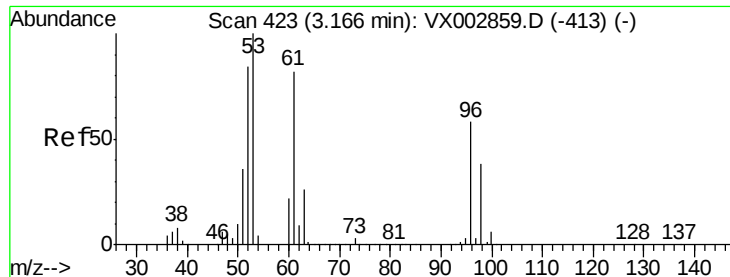
84 100

49 126.6 107.8 161.6

51 34.5 32.8 49.2

86 57.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 4.84 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :

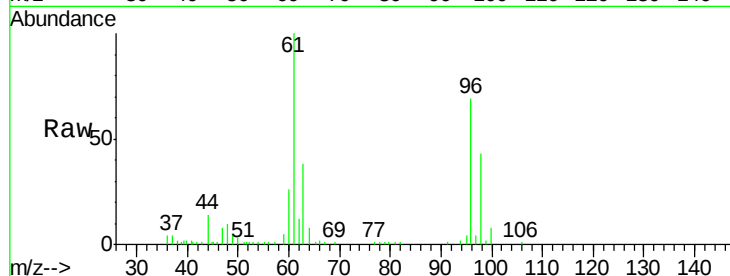
Tot Ion: 96 Resp: 13232

Ion Ratio Lower Upper

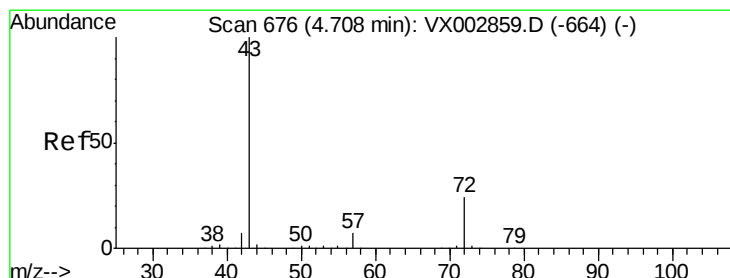
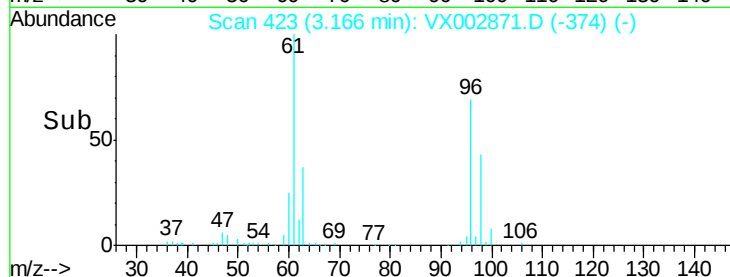
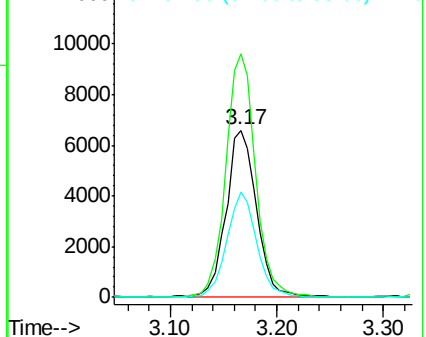
96 100

61 145.9 117.0 175.4

98 63.0 52.4 78.6



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



#25

2-Butanone

Concen: 1.04 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX002871.D

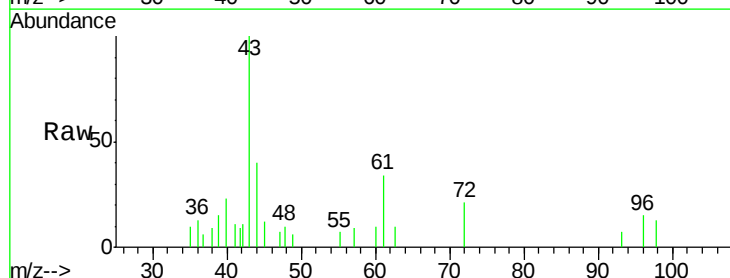
Acq: 25 Jun 2018 20:48

Tgt Ion: 43 Resp: 2252

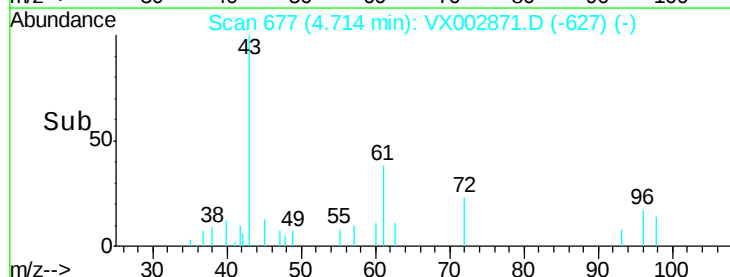
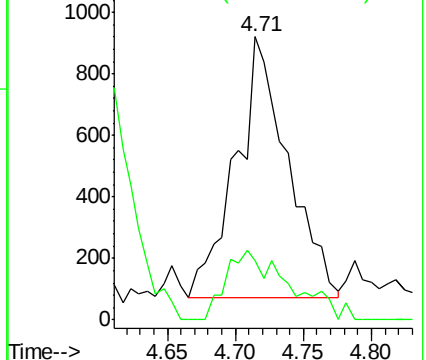
Ion Ratio Lower Upper

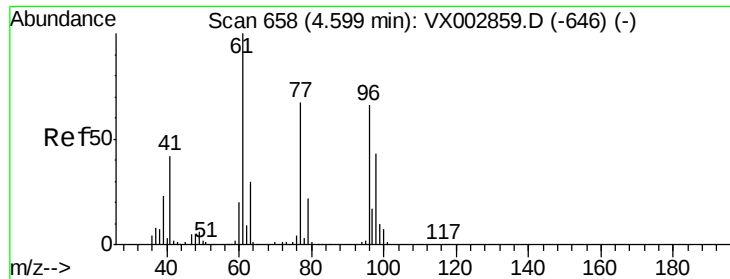
43 100

72 22.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



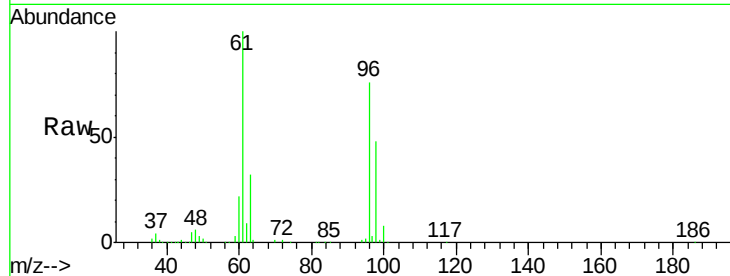


#27

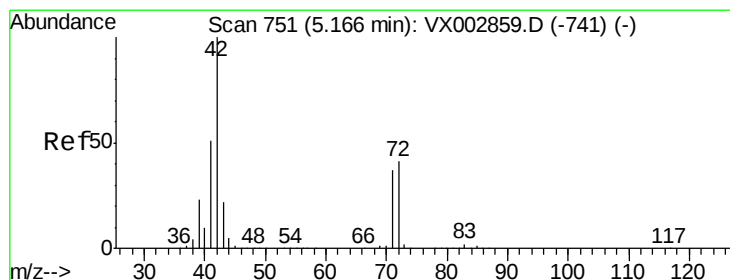
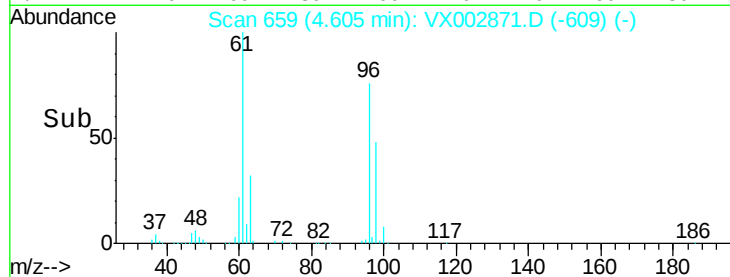
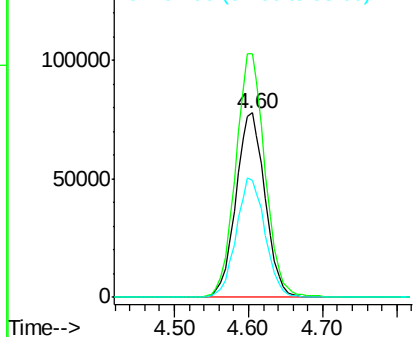
cis-1,2-Dichloroethene
 Concen: 69.55 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002871.D
 Acq: 25 Jun 2018 20:48

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	330.2
98	64.2	0.0	130.2



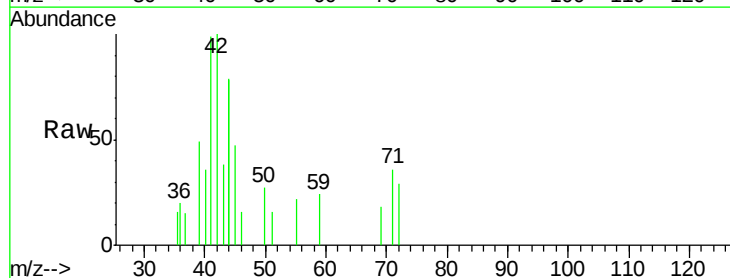
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



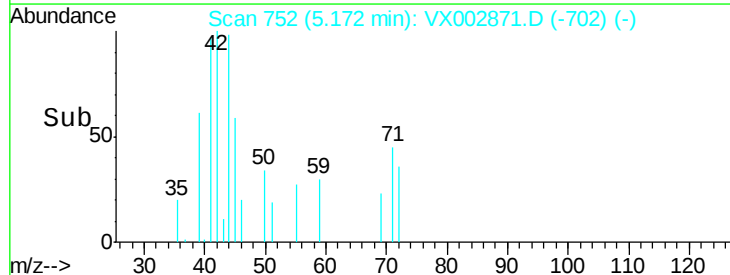
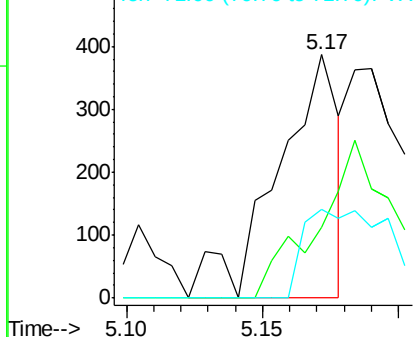
#29

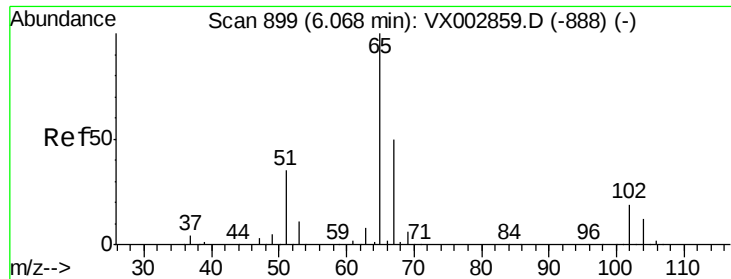
Tetrahydrofuran
 Concen: 0.44 ug/l
 RT: 5.17 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: VX002871.D
 Acq: 25 Jun 2018 20:48

Tgt Ion	Ratio	Lower	Upper
42	100		
72	83.8	32.0	48.0#
71	52.3	30.1	45.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0

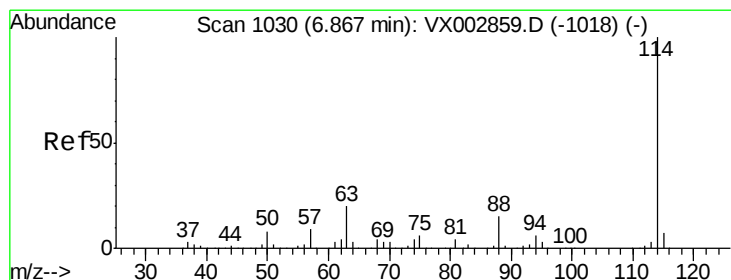
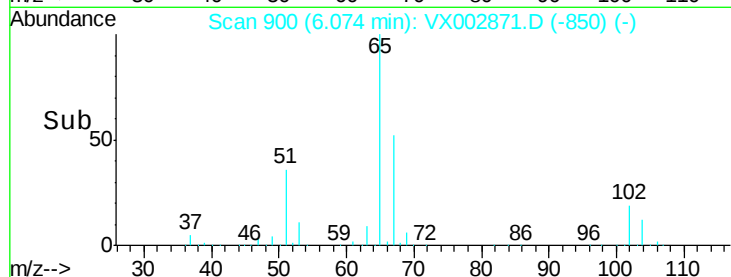
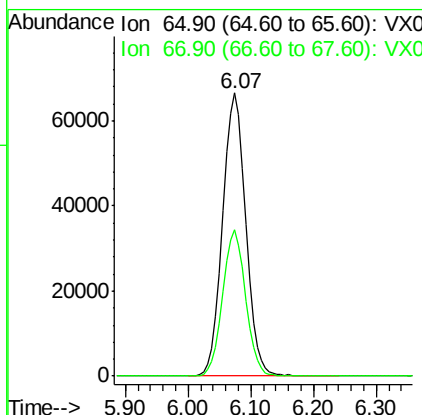
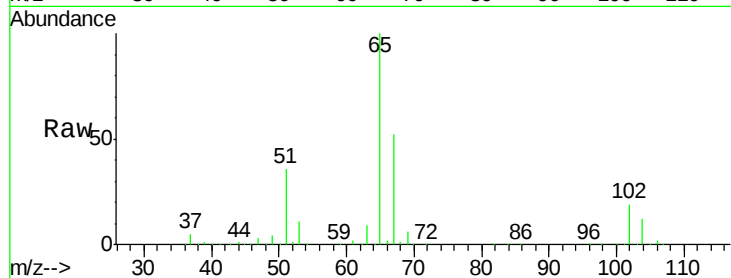




#33
 1,2-Dichloroethane-d4
 Concen: 48.56 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002871.D
 Acq: 25 Jun 2018 20:48

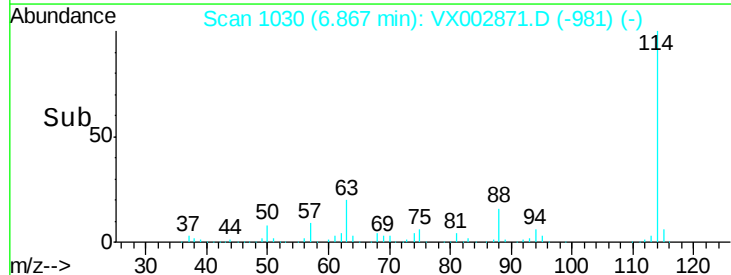
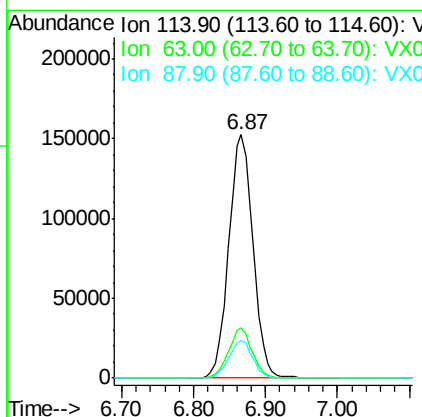
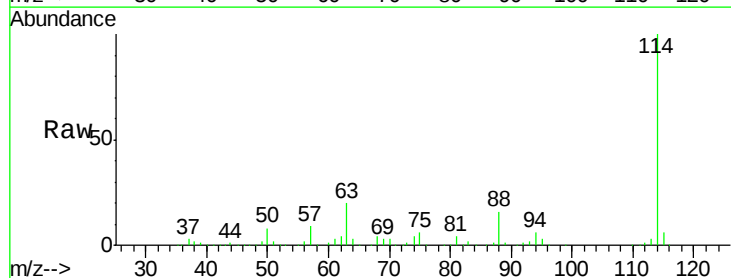
Instrument :
 MSVOA_X
 ClientSampleId :

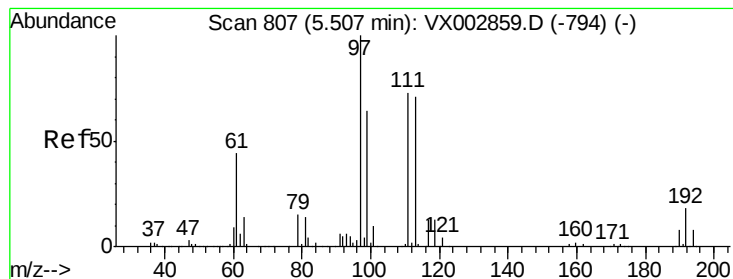
Tot Ion: 65 Resp: 170879
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002871.D
 Acq: 25 Jun 2018 20:48

Tgt Ion: 114 Resp: 356869
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.23 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

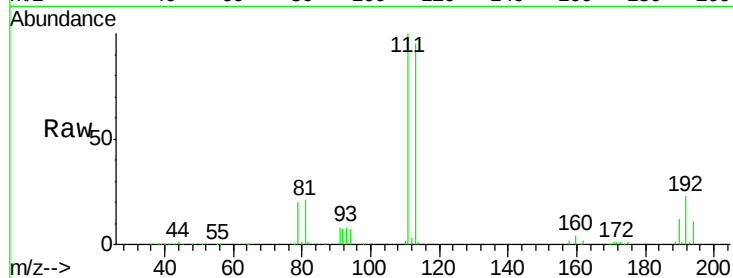
Tot Ion:113 Resp: 133489

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

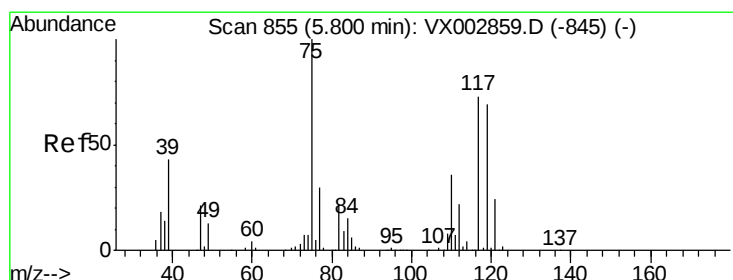
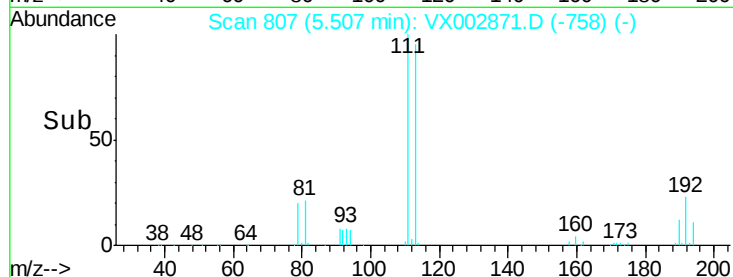
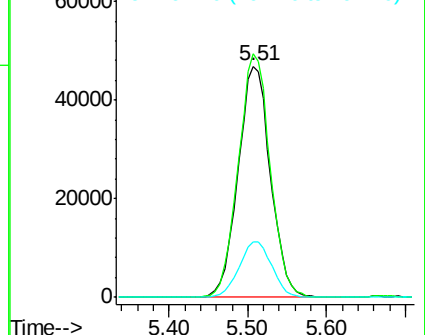
192 24.4 19.1 28.7



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: 4.39 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

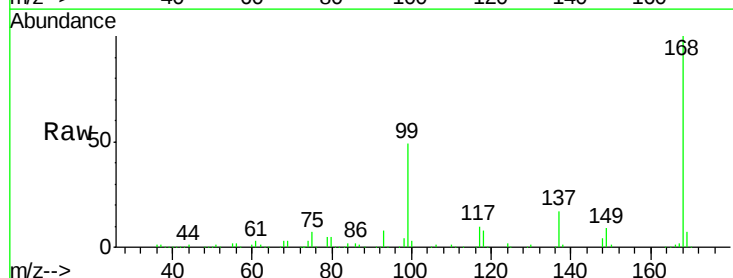
Tgt Ion: 75 Resp: 17191

Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.4#

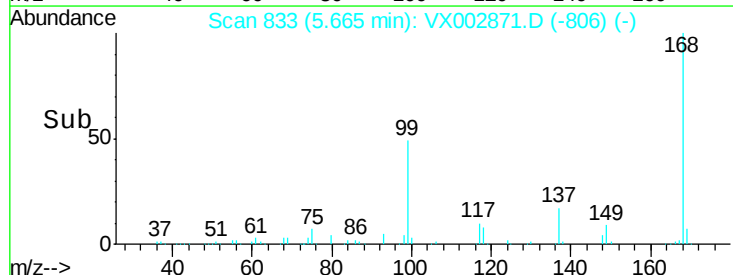
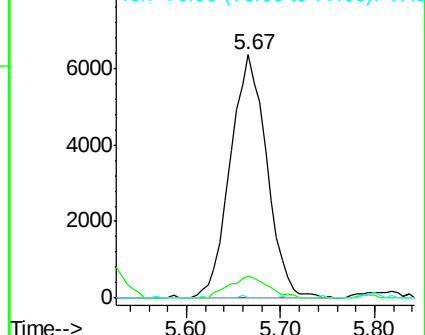
77 0.2 24.3 36.5#

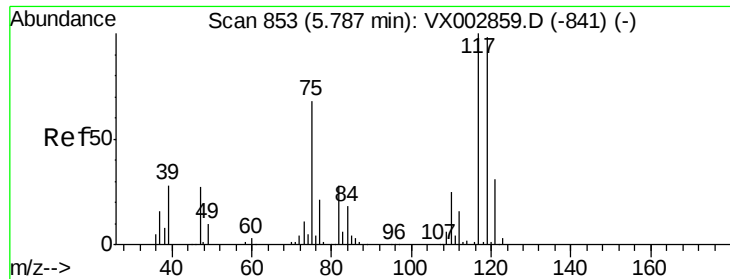


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.59 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

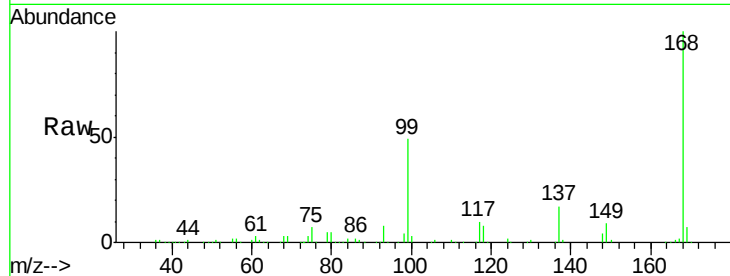
Tot Ion:117 Resp: 24006

Ion Ratio Lower Upper

117 100

119 4.3 77.4 116.0#

121 0.0 24.4 36.6#

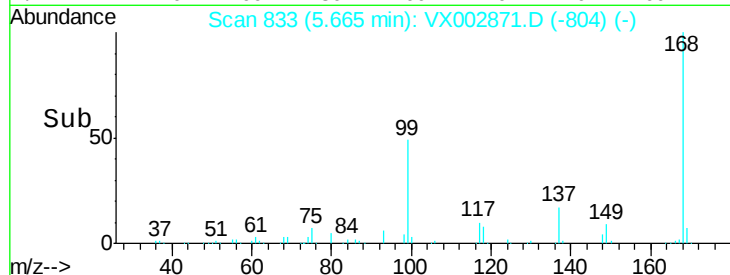


Abundance Ion 116.80 (116.50 to 117.50): V

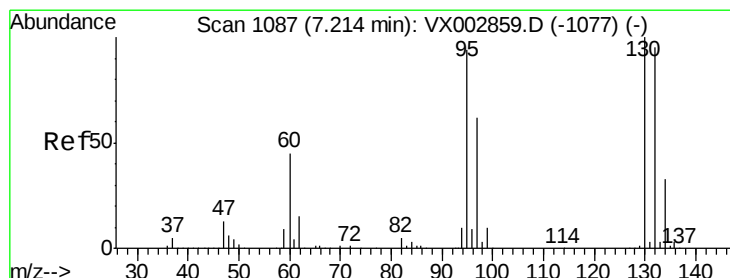
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

Time-->



Time-->



#44

Trichloroethene

Concen: 9.31 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002871.D

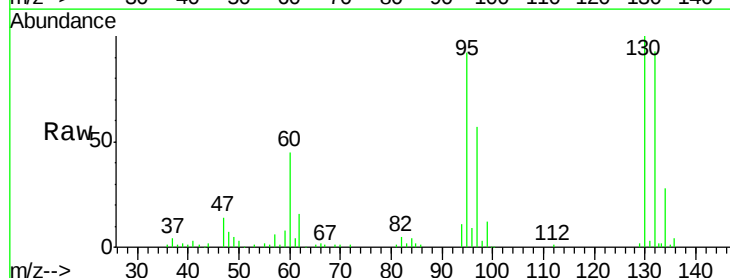
Acq: 25 Jun 2018 20:48

Tgt Ion:130 Resp: 31572

Ion Ratio Lower Upper

130 100

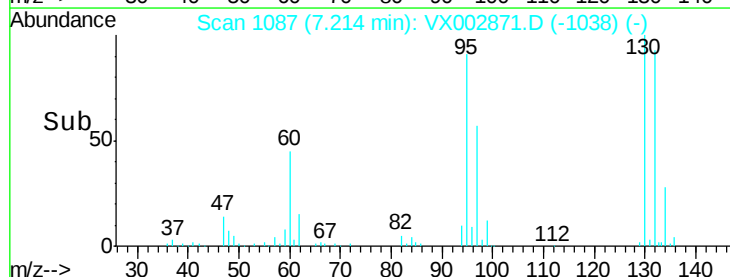
95 91.8 0.0 185.4



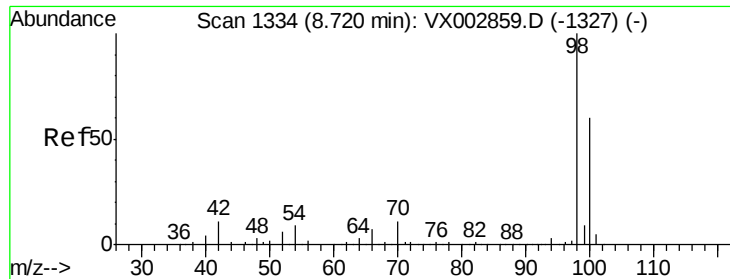
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

Time-->



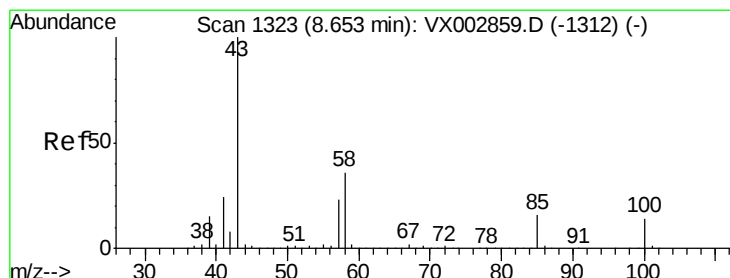
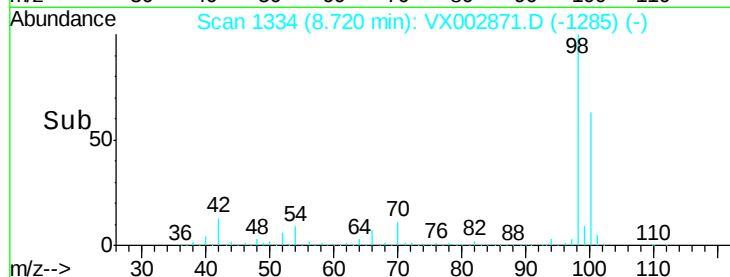
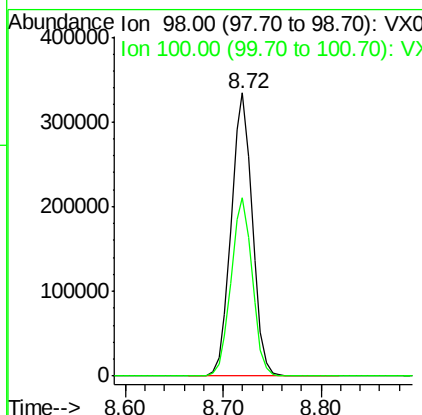
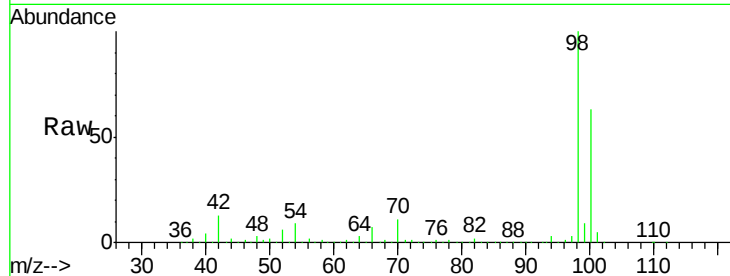
Time-->



#50
Toluene-d8
Concen: 48.59 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

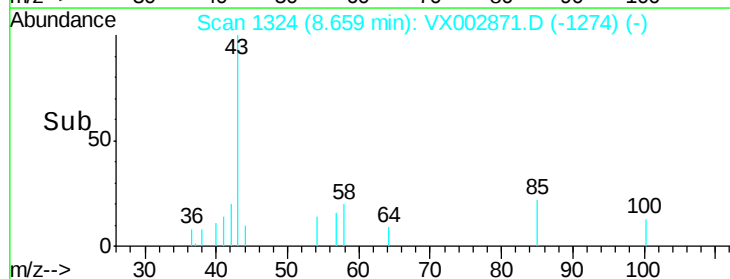
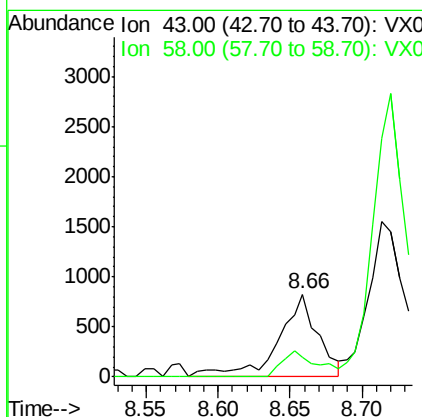
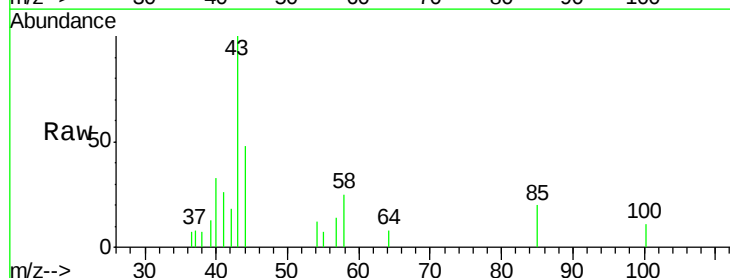
Instrument :
MSVOA_X
ClientSampleId :

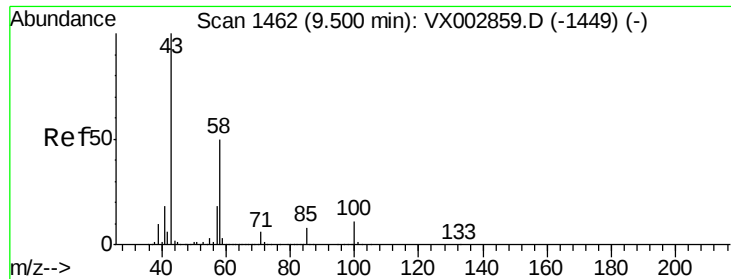
Tot Ion: 98 Resp: 501475
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
58 28.2 28.6 42.8#

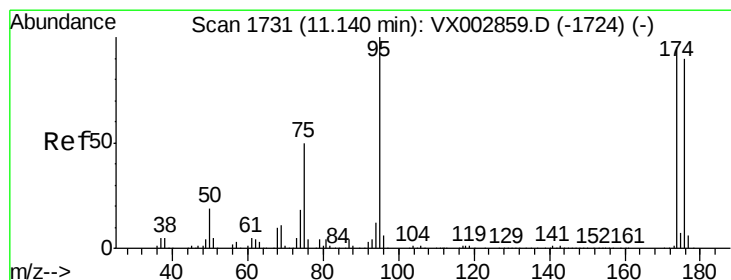
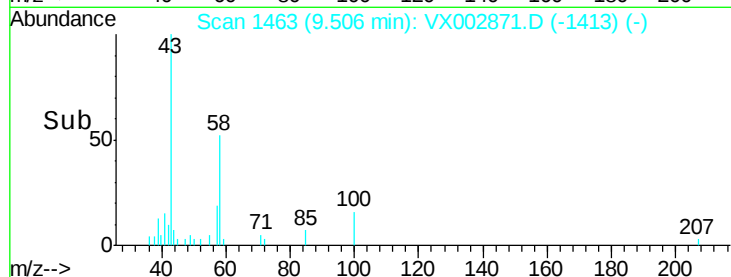
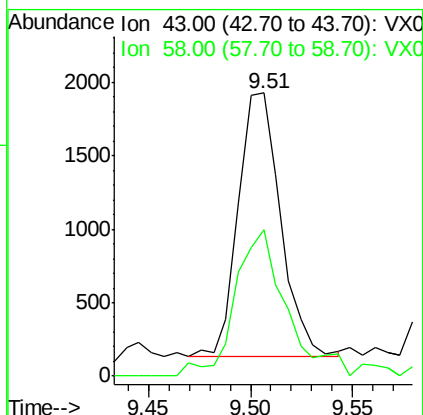
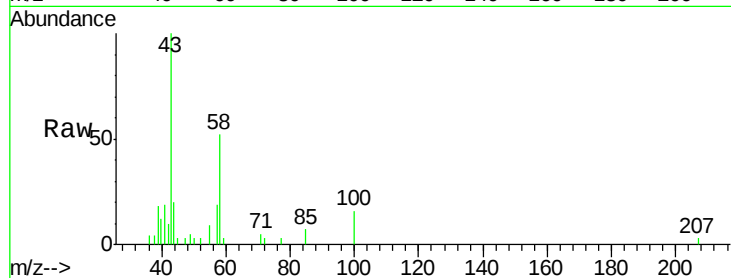




#59
2-Hexanone
Concen: 0.77 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

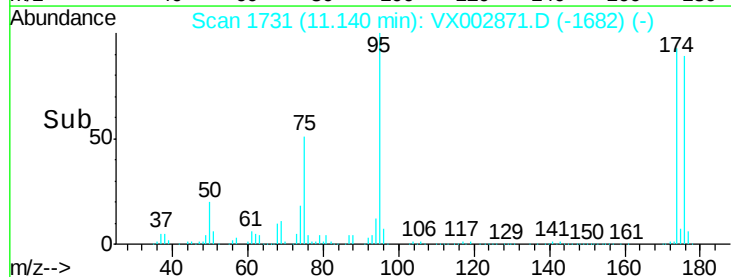
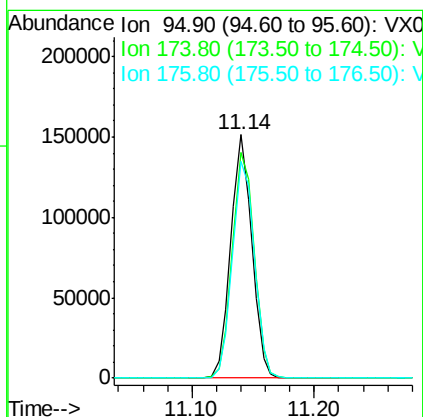
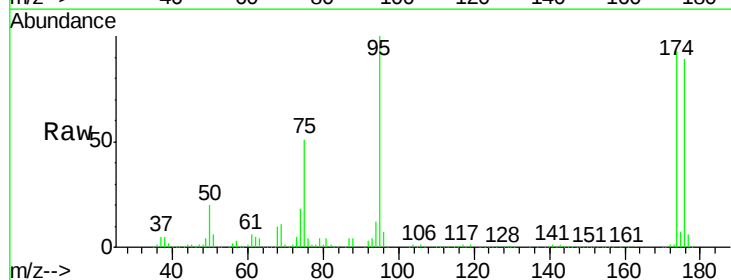
Instrument :
MSVOA_X
ClientSampleId :

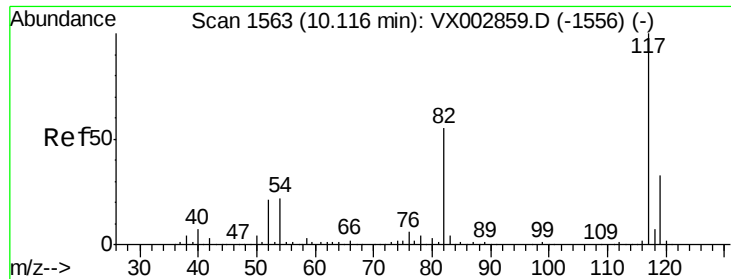
Tot Ion: 43 Resp: 2575
Ion Ratio Lower Upper
43 100
58 67.2 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 45.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 95 Resp: 179183
Ion Ratio Lower Upper
95 100
174 96.6 0.0 187.4
176 92.9 0.0 181.0

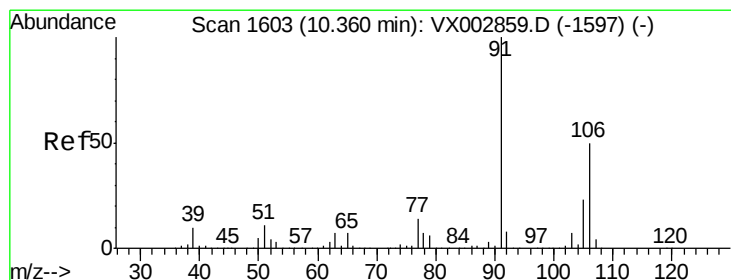
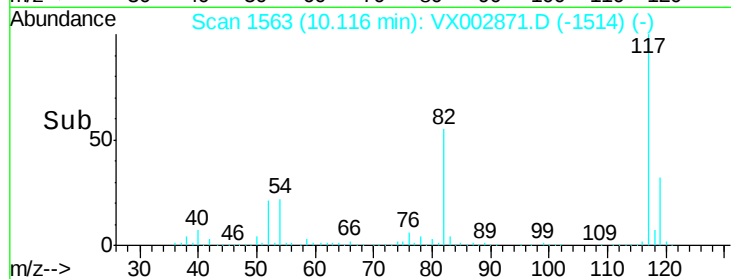
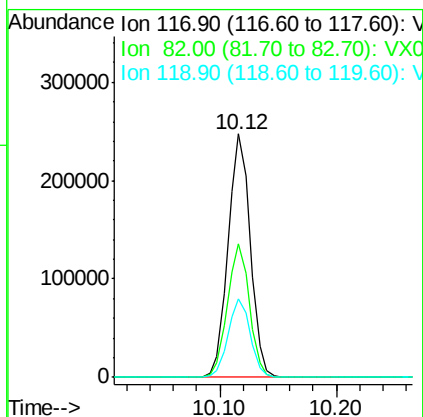
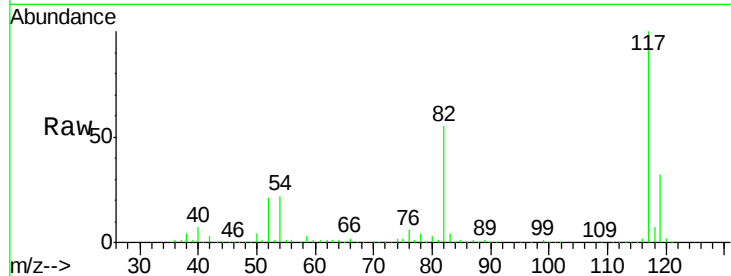




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

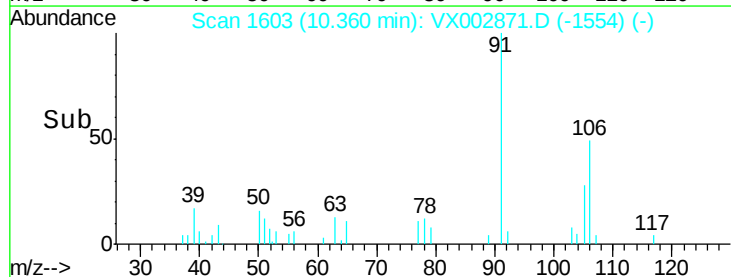
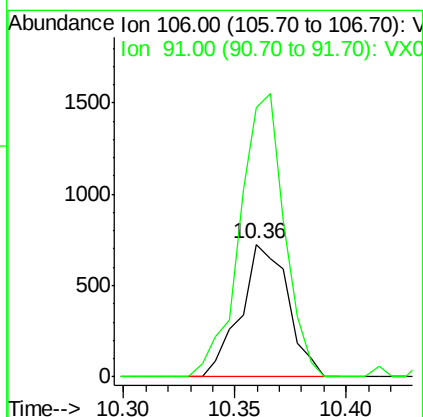
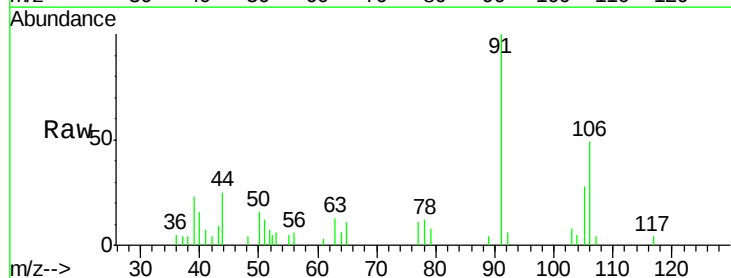
Instrument :
MSVOA_X
ClientSampleId :

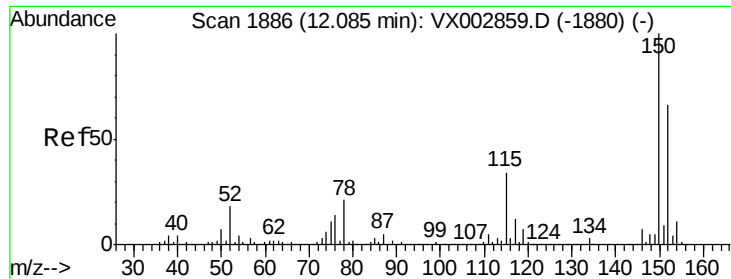
Tot Ion:117 Resp: 328234
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.4 25.8 38.6



#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion:106 Resp: 1074
Ion Ratio Lower Upper
106 100
91 201.5 163.4 245.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

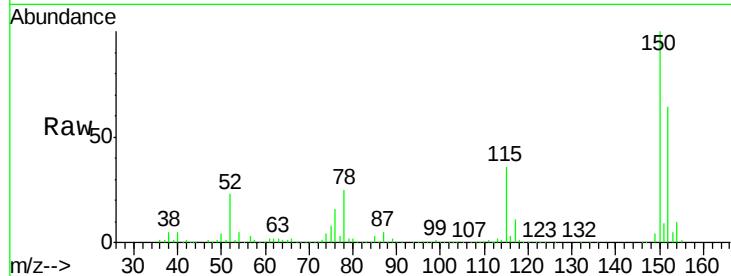
Tot Ion:152 Resp: 186631

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

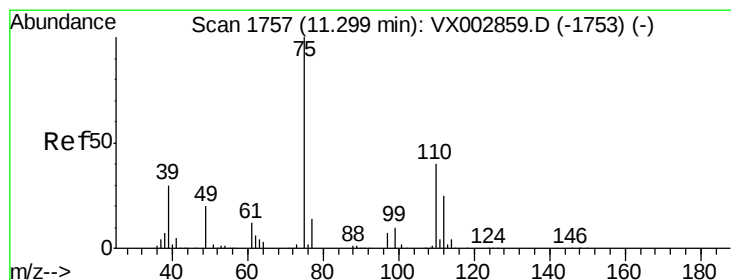
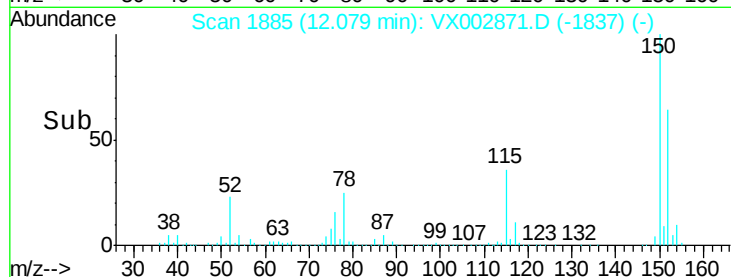
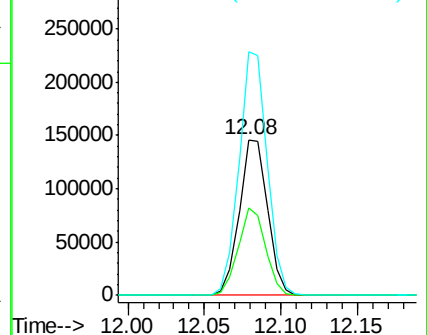
150 156.2 0.0 347.2



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: 28.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002871.D

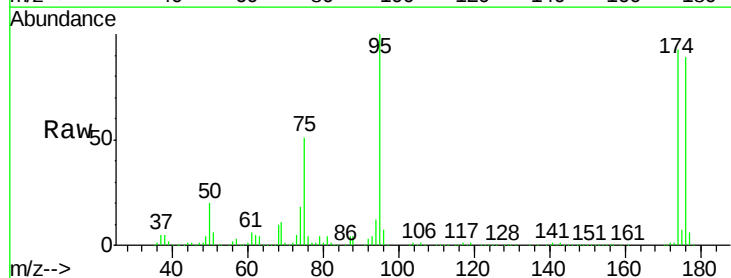
Acq: 25 Jun 2018 20:48

Tgt Ion: 75 Resp: 95173

Ion Ratio Lower Upper

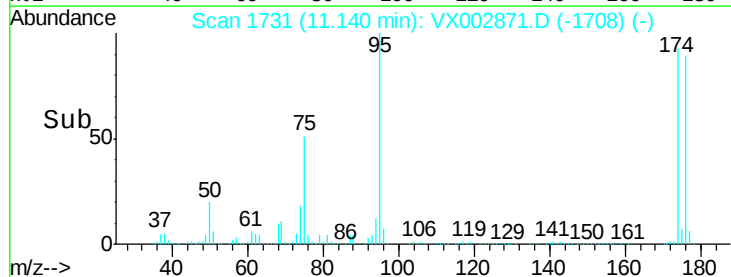
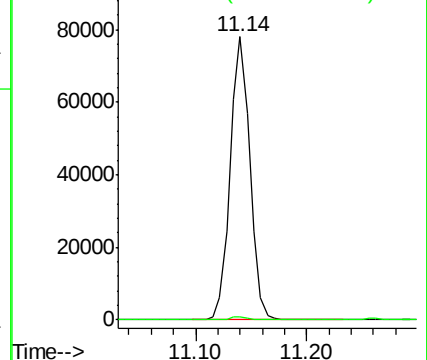
75 100

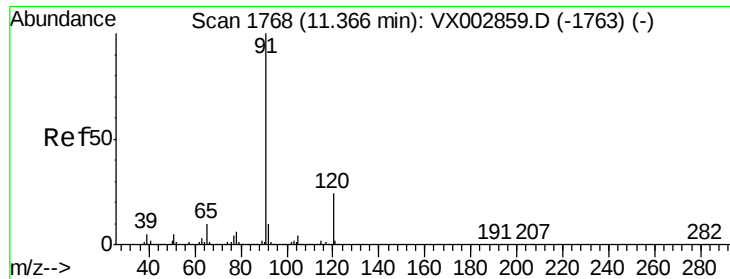
77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.27 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

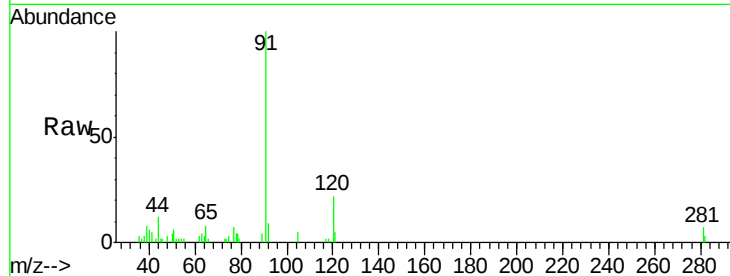
ClientSampleId :

Tot Ion: 91 Resp: 3895

Ion Ratio Lower Upper

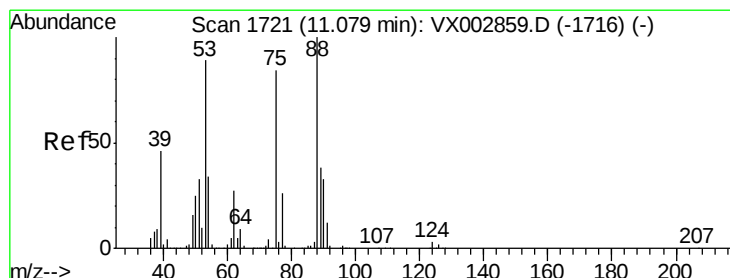
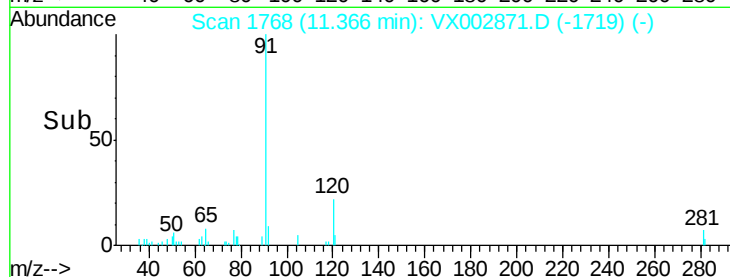
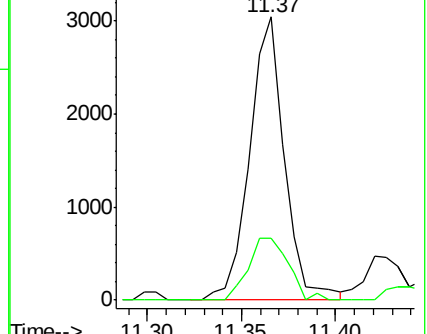
91 100

120 25.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 79.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

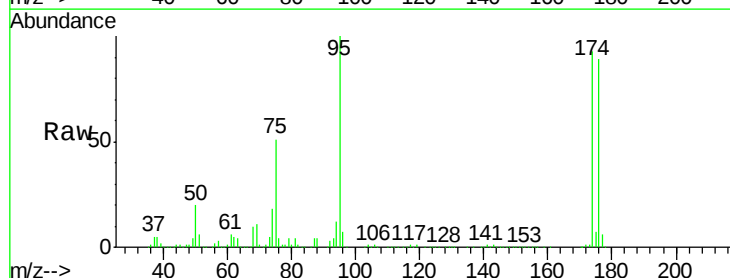
Tgt Ion: 75 Resp: 95173

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

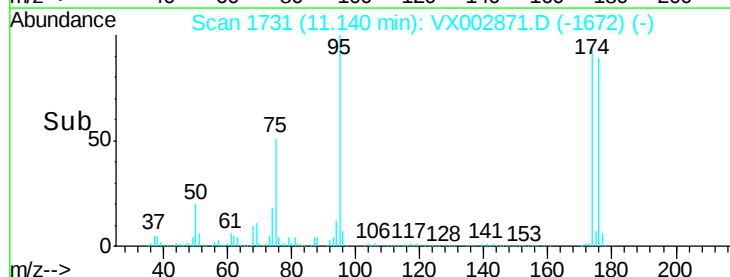
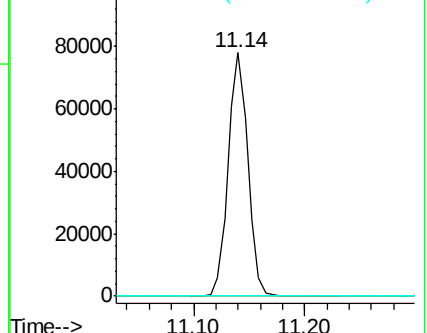
89 0.0 38.2 57.2#

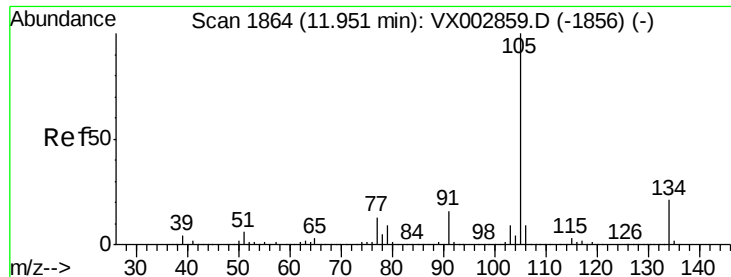


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#85

sec-Butylbenzene

Concen: 0.22 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

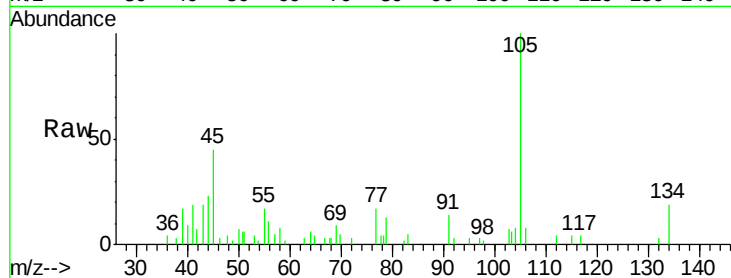
ClientSampled :

Tot Ion:105 Resp: 2842

Ion Ratio Lower Upper

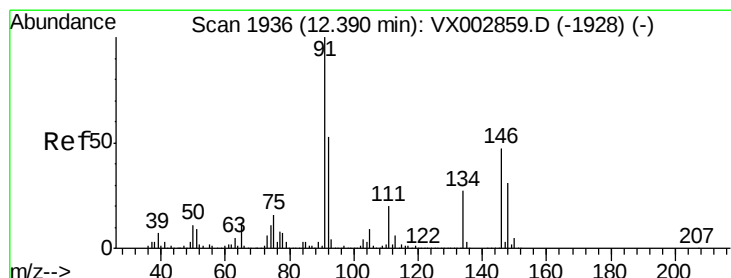
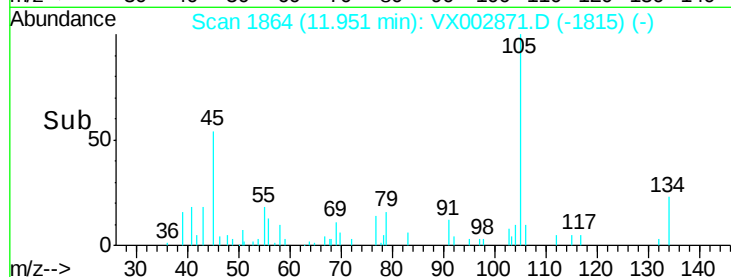
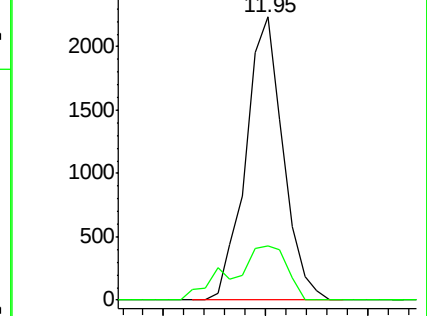
105 100

134 28.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.20 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

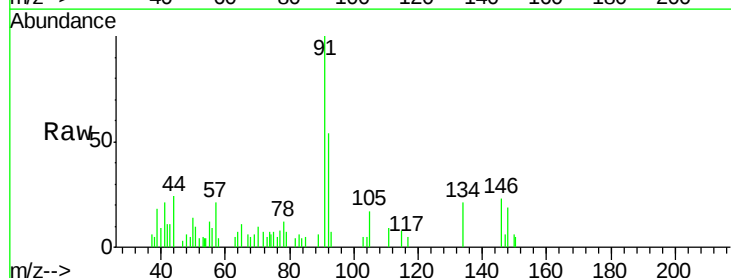
Tgt Ion: 91 Resp: 1997

Ion Ratio Lower Upper

91 100

92 50.1 26.0 78.0

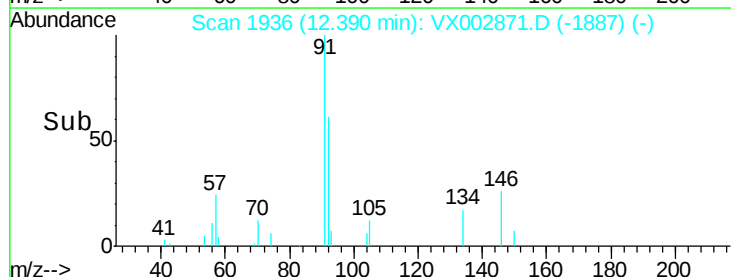
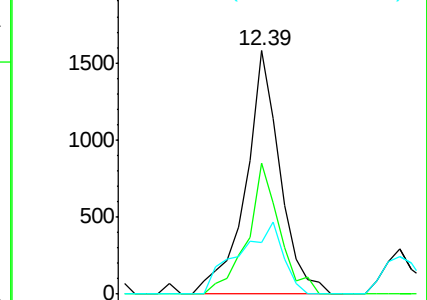
134 38.3 13.5 40.5

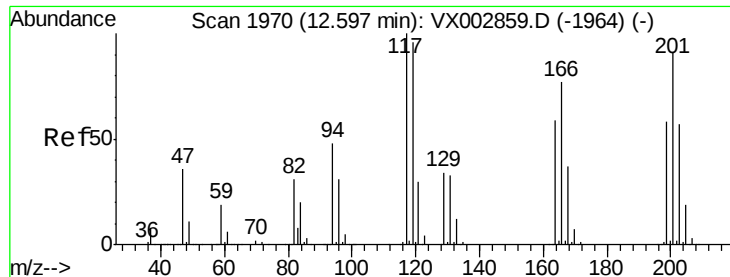


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.63 ug/l

RT: 12.70 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

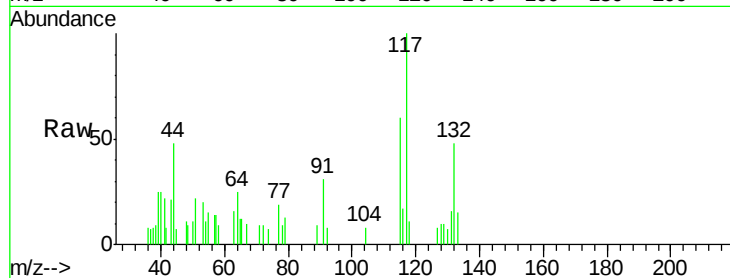
ClientSampled :

Tot Ion:117 Resp: 1064

Ion Ratio Lower Upper

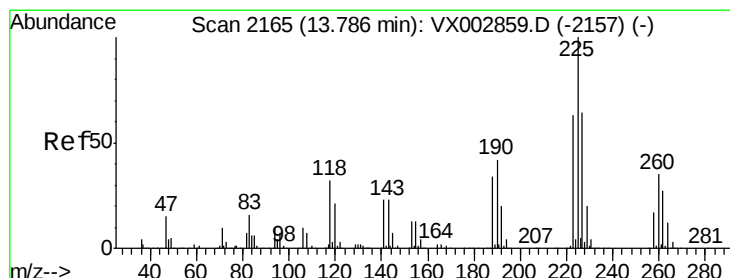
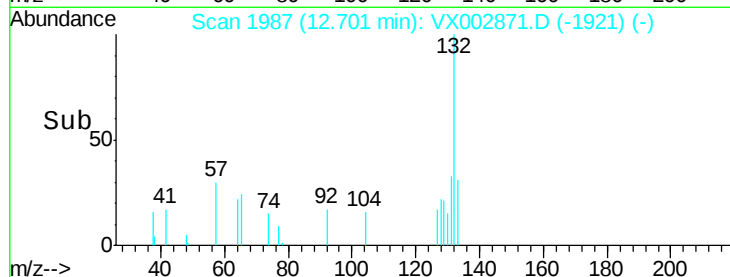
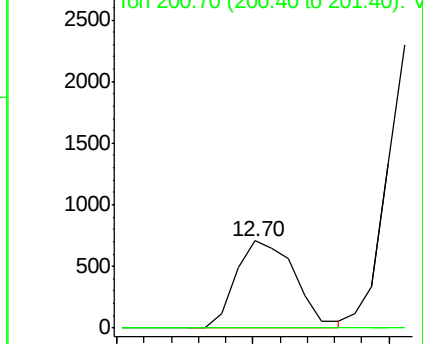
117 100

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



#94

Hexachlorobutadiene

Concen: 0.20 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

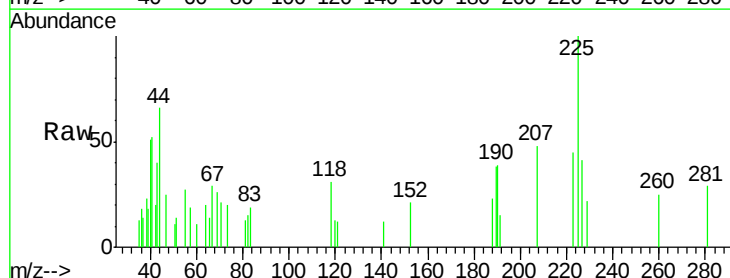
Tgt Ion:225 Resp: 482

Ion Ratio Lower Upper

225 100

223 51.2 31.6 95.0

227 46.1 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

