

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 : 5.97g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-13-15-180622

Quant Time: Jul 06 17:33:30 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%	

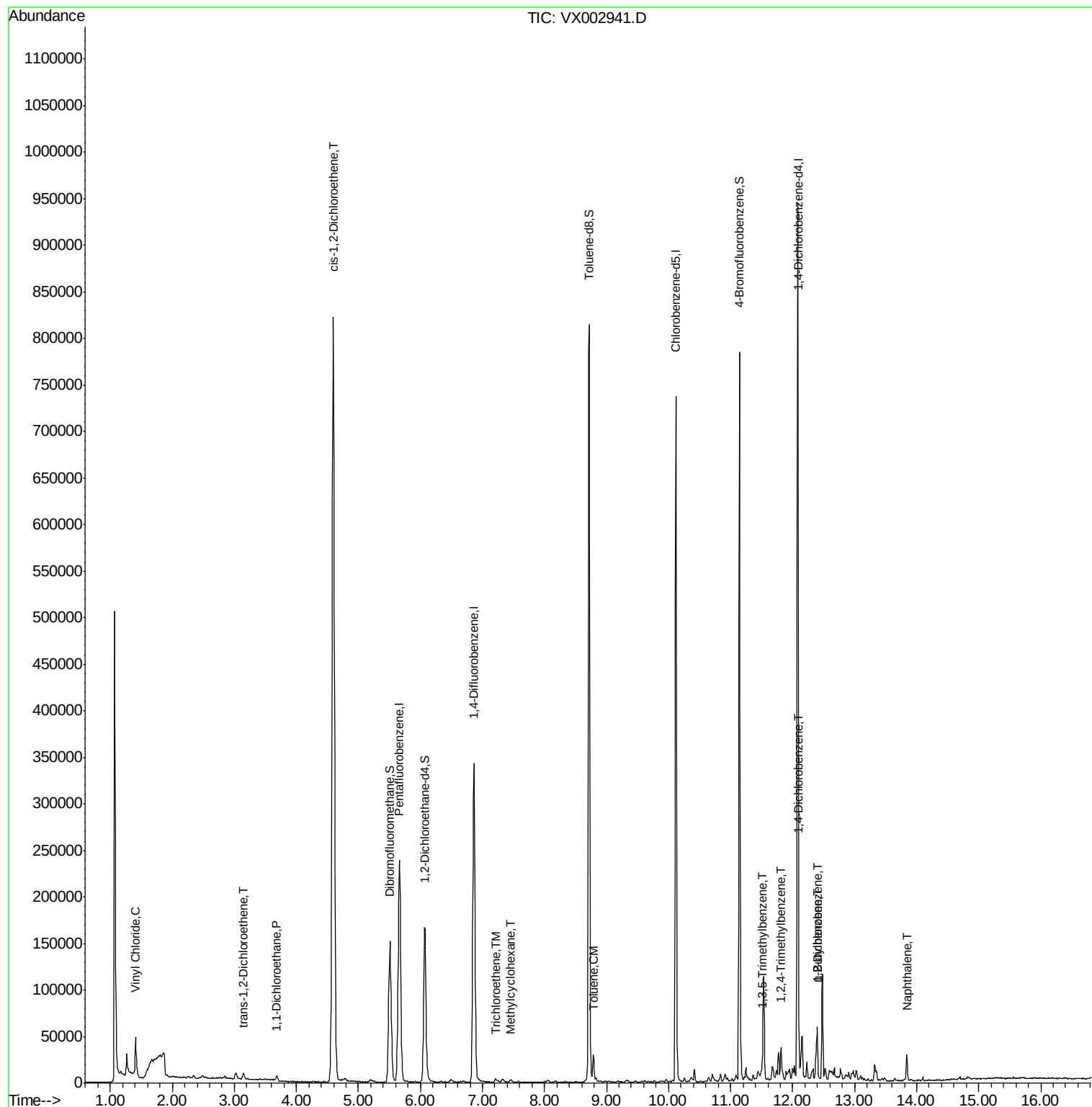
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	34259	12.48	ug/l #	85
21) trans-1,2-Dichloroethene	3.15	96	2711	1.04	ug/l	87
24) 1,1-Dichloroethane	3.69	63	4670	0.95	ug/l #	91
27) cis-1,2-Dichloroethene	4.59	96	513266	175.57	ug/l	82
39) Methylcyclohexane	7.46	83	1030	0.23	ug/l #	66
44) Trichloroethene	7.21	130	1302	0.40	ug/l	62
52) Toluene	8.79	92	9685	1.38	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	6801	0.58	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	12606	1.04	ug/l	99
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
91) 1,2-Dichlorobenzene	12.40	146	15484	2.12	ug/l	98
95) Naphthalene	13.84	128	17715	1.25	ug/l	100

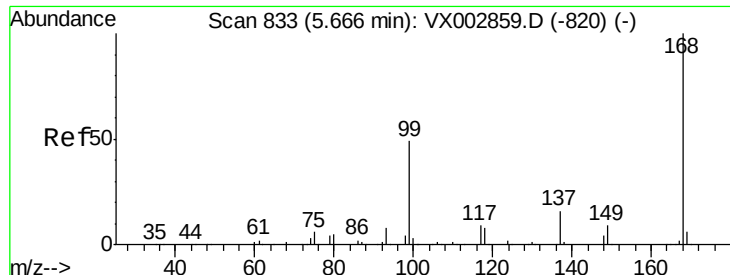
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 06 17:33:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
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: VX002941.D

Acq: 27 Jun 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

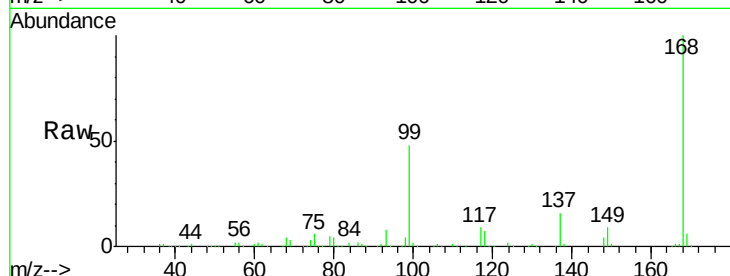
WP021SB480-13-15-180622

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

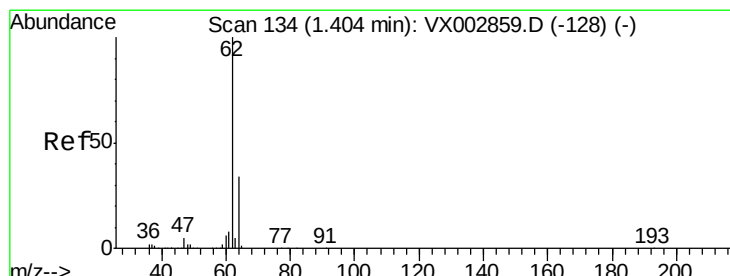
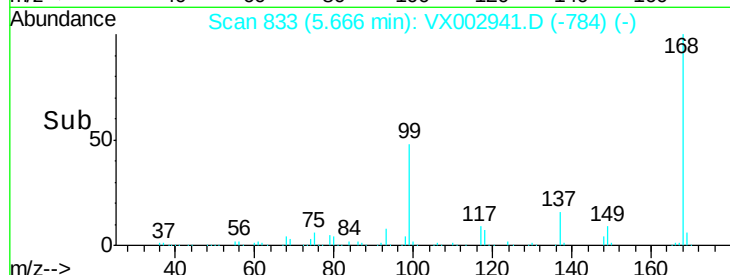
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 12.48 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002941.D

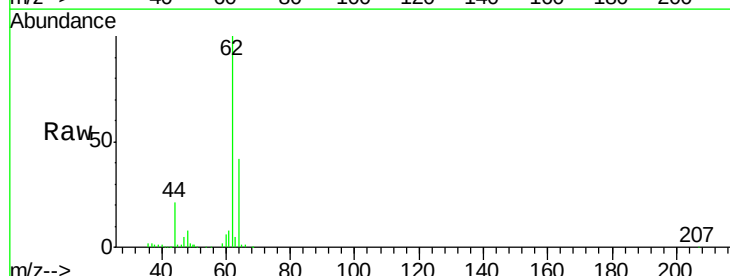
Acq: 27 Jun 2018 17:23

Tgt 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

1.41

25000

20000

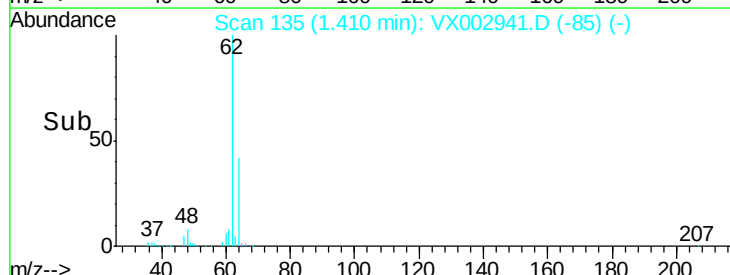
15000

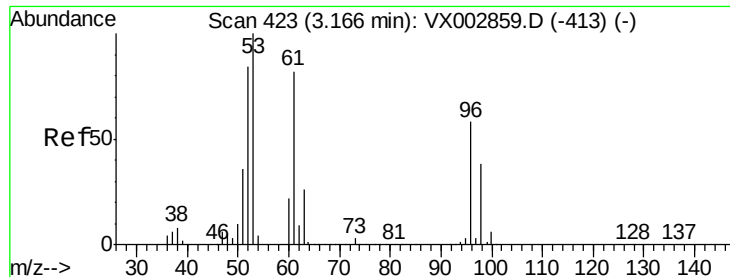
10000

5000

0

Time--> 1.40 1.50





#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

ClientSampleId :

WP021SB480-13-15-180622

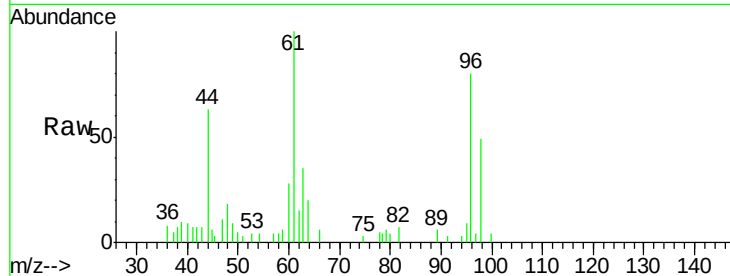
Tot Ion: 96 Resp: 2711

Ion Ratio Lower Upper

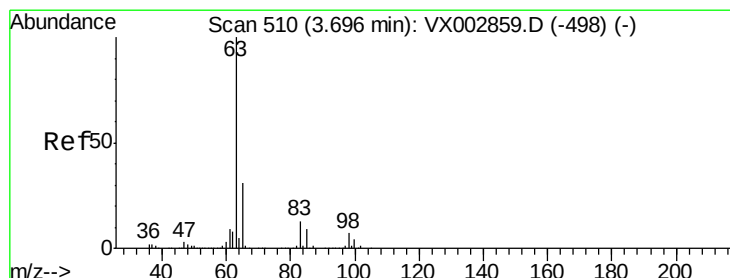
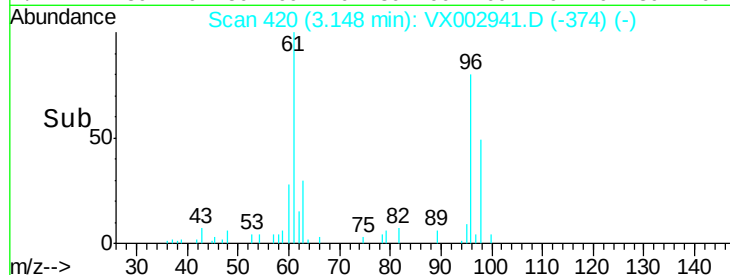
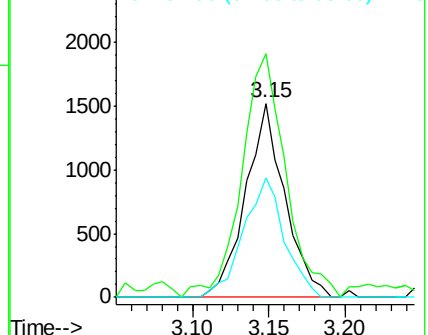
96 100

61 125.6 117.0 175.4

98 61.5 52.4 78.6



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



#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

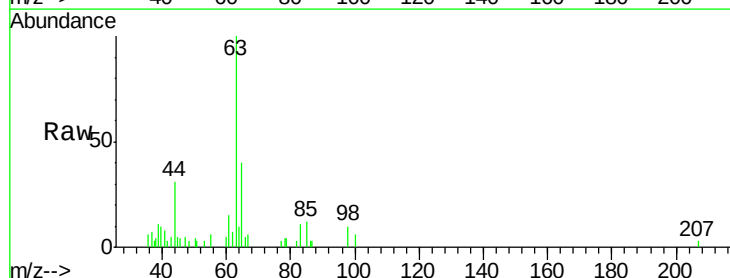
Tgt Ion: 63 Resp: 4670

Ion Ratio Lower Upper

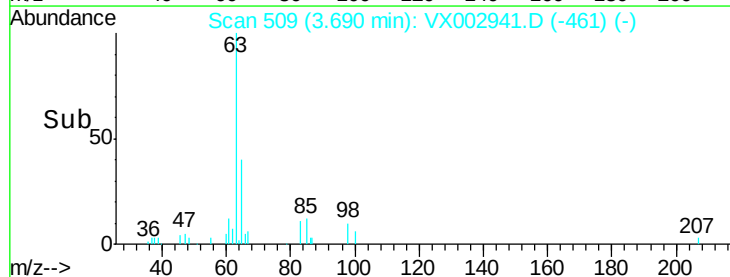
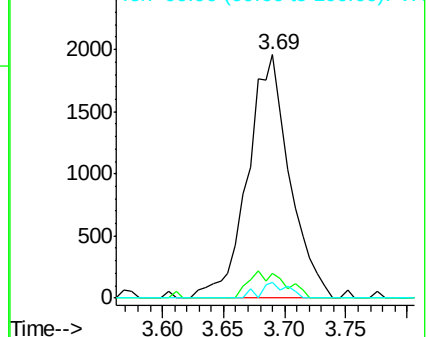
63 100

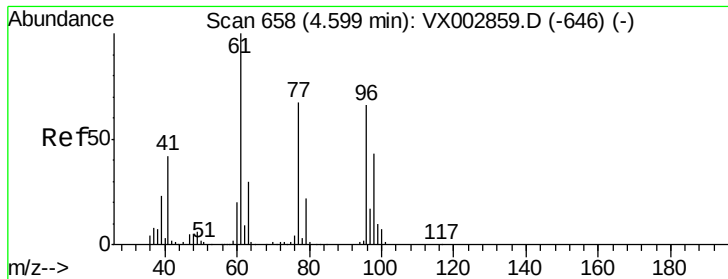
98 10.3 3.4 10.2#

100 6.2 2.0 6.0#



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



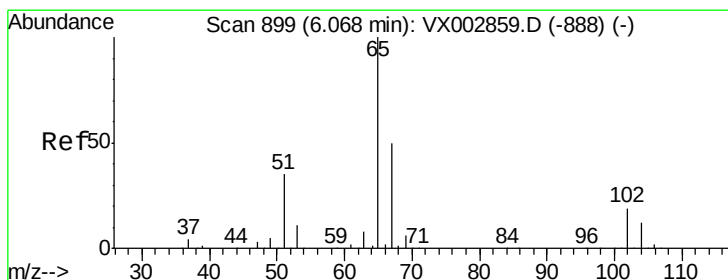
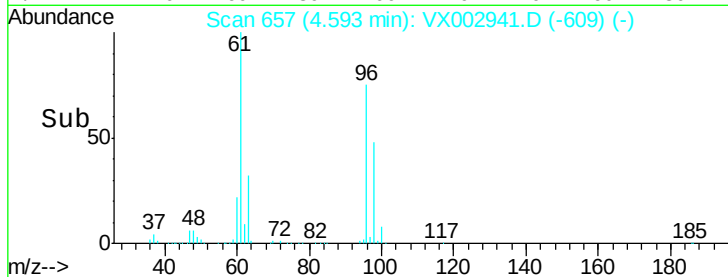
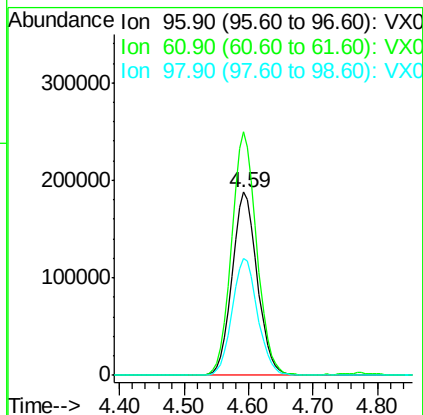
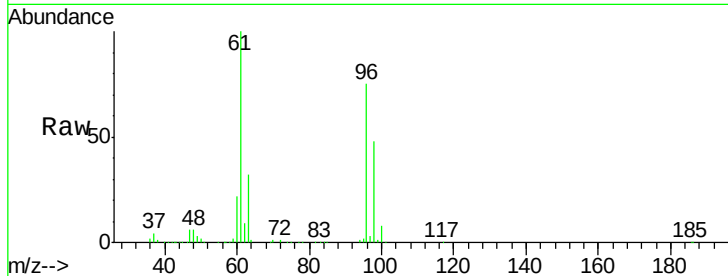


#27

cis-1,2-Dichloroethene
 Concen: 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 :
 WP021SB480-13-15-180622

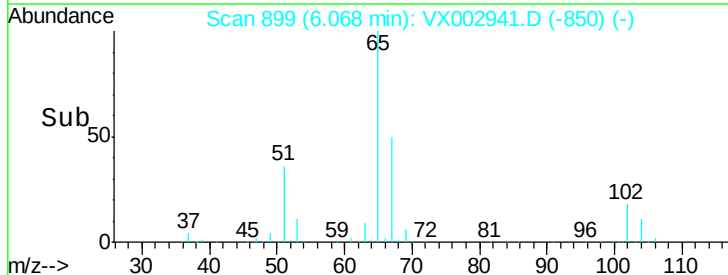
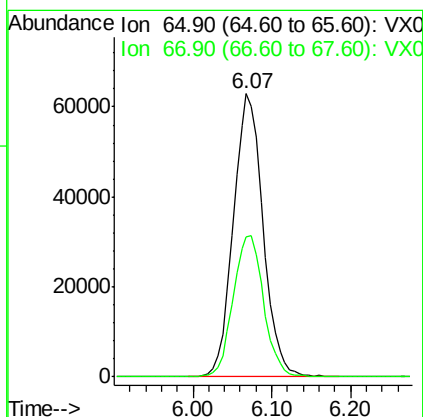
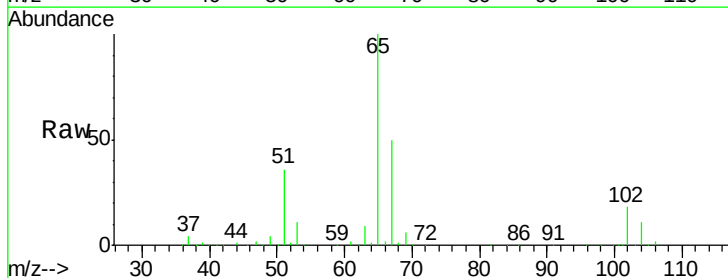
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.2	0.0	330.2
98	64.5	0.0	130.2

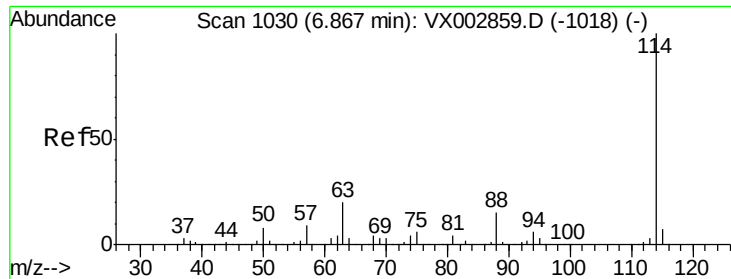


#33

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

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6

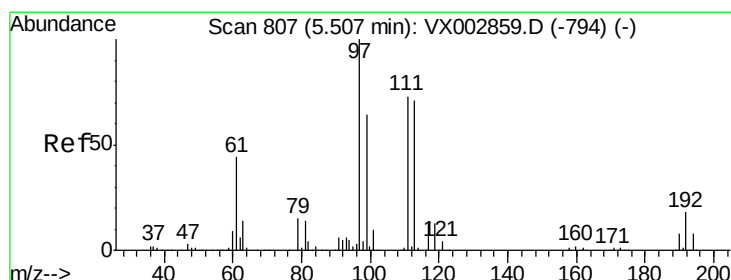
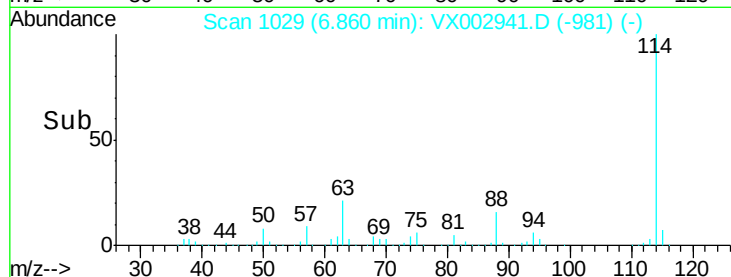
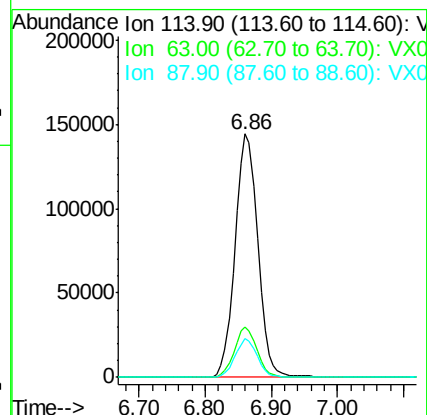
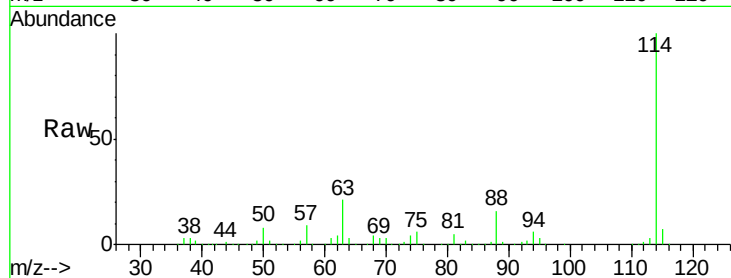




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002941.D
 Acq: 27 Jun 2018 17:23

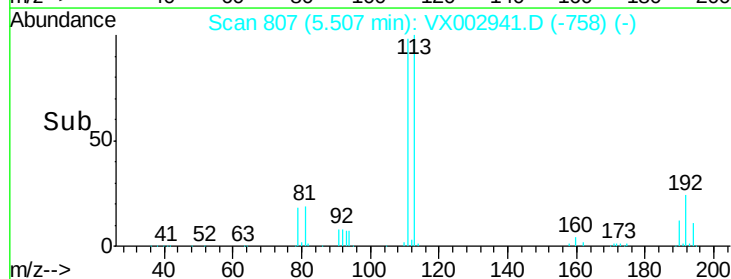
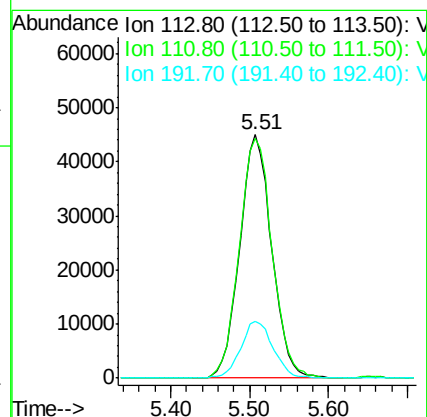
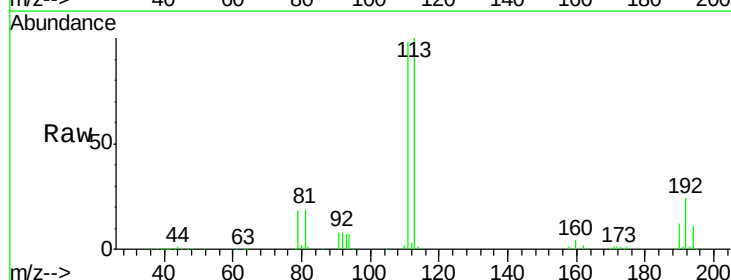
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-13-15-180622

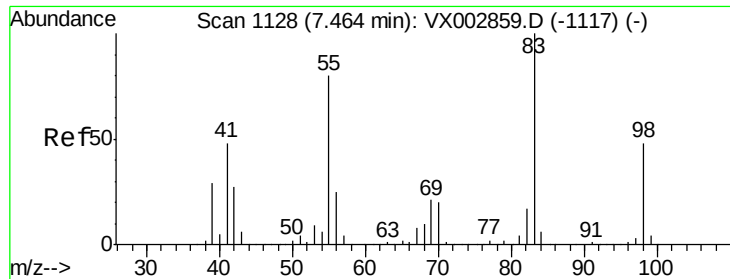
Tot Ion:114 Resp: 344653
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.9 0.0 30.0



#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

Tgt Ion:113 Resp: 126942
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 23.6 19.1 28.7

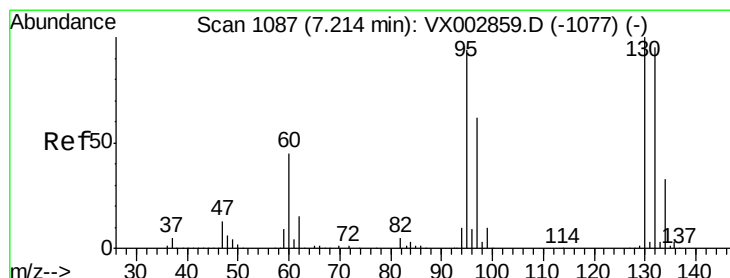
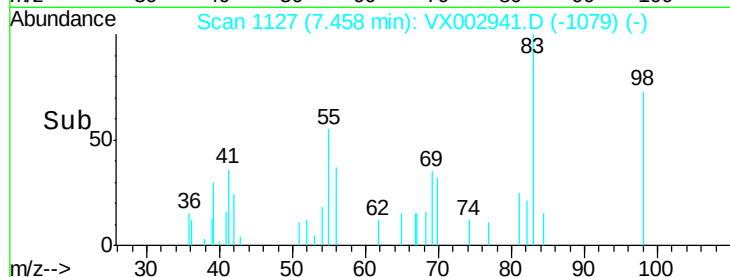
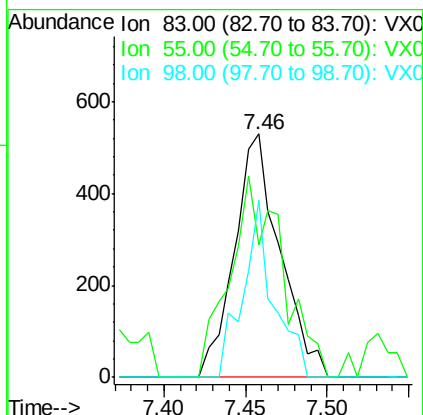
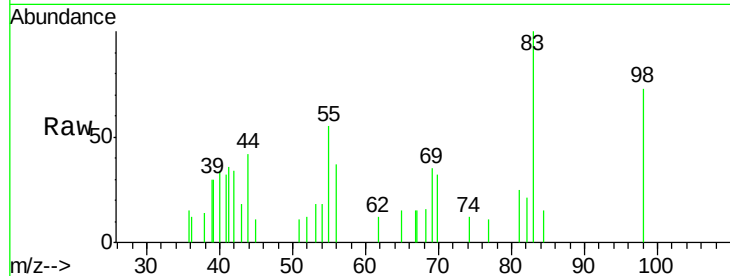




#39
Methylvlcyclohexane
Concen: 0.23 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

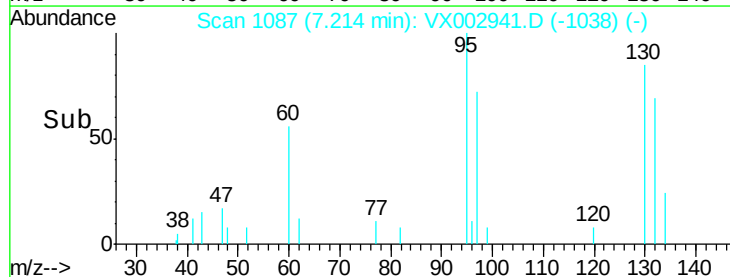
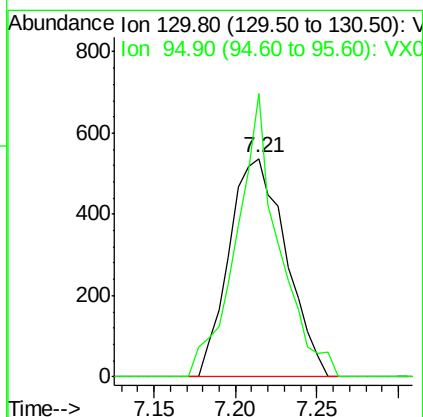
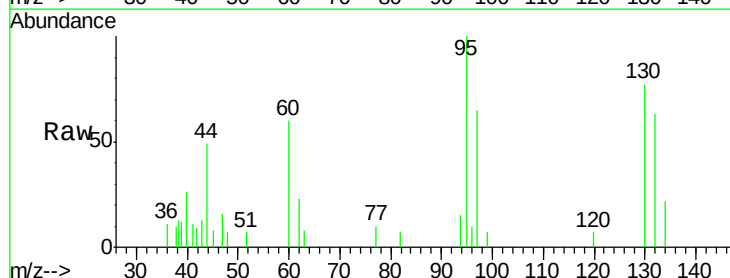
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-13-15-180622

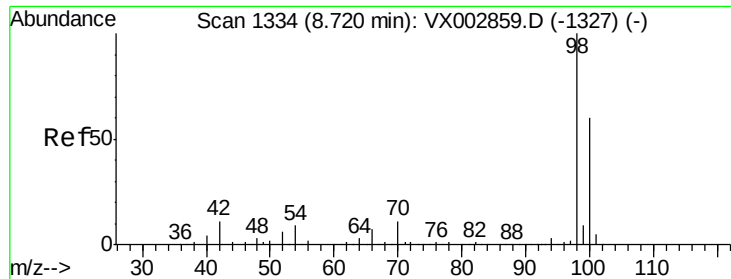
Tot Ion: 83 Resp: 1030
Ion Ratio Lower Upper
83 100
55 54.5 65.4 98.0#
98 72.6 37.4 56.0#



#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

Tgt Ion:130 Resp: 1302
Ion Ratio Lower Upper
130 100
95 129.6 0.0 185.4

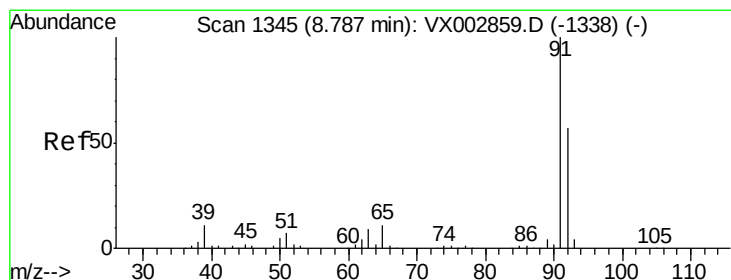
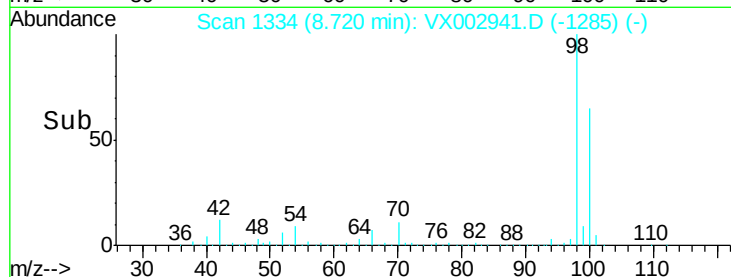
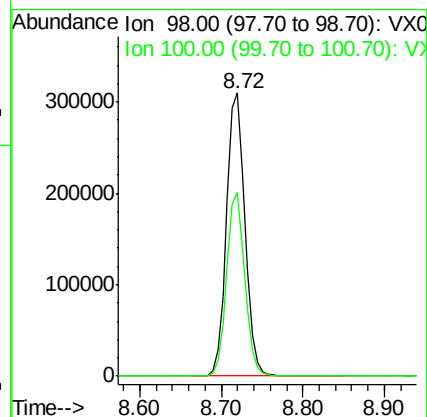
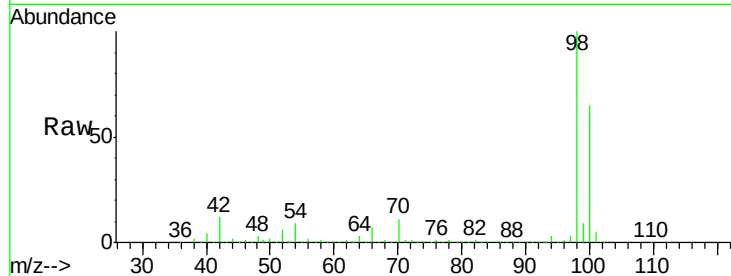




#50
Toluene-d8
Concen: 48.80 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

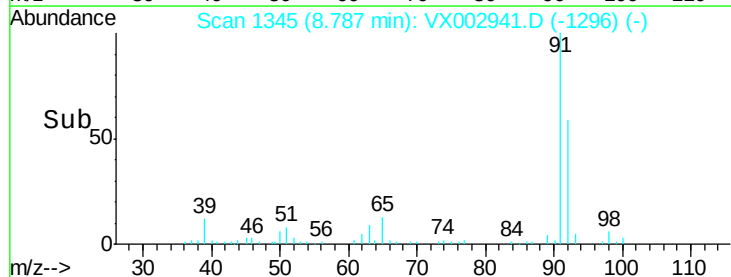
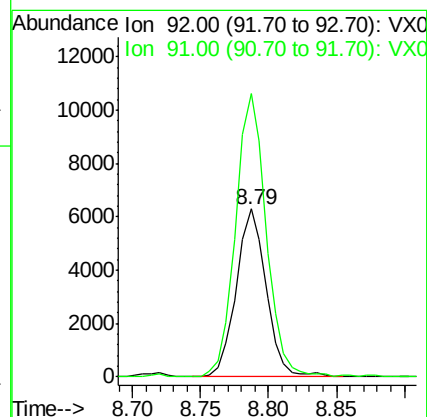
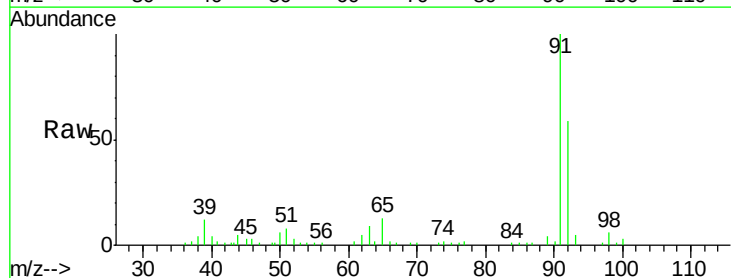
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-13-15-180622

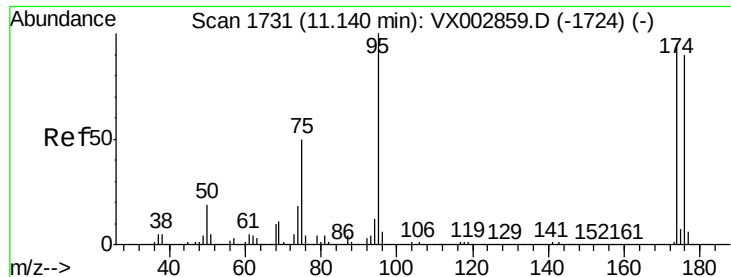
Tot Ion: 98 Resp: 486395
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#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





#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

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-13-15-180622

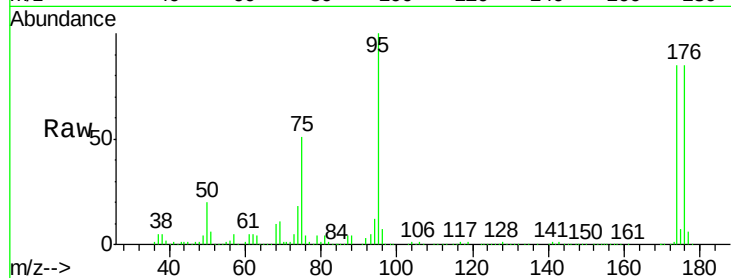
Tot Ion: 95 Resp: 189309

Ion Ratio Lower Upper

95 100

174 94.0 0.0 187.4

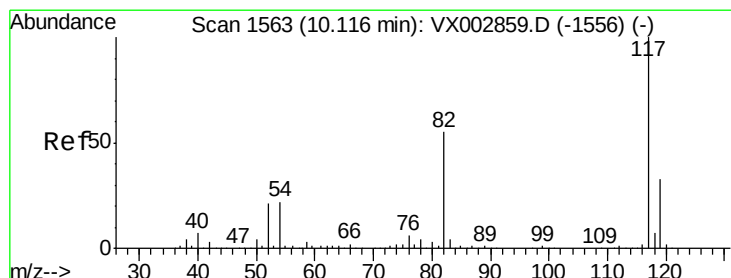
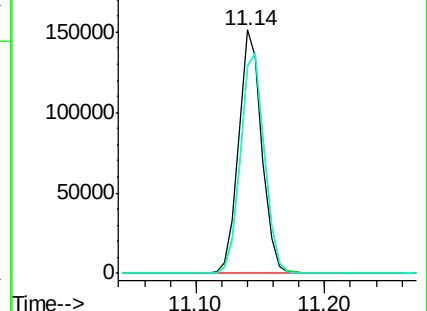
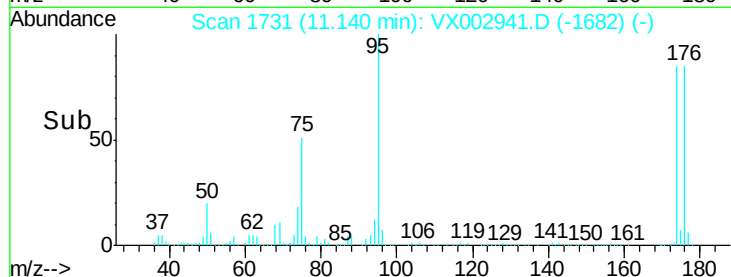
176 92.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002941.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002941.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002941.D (-1682) (-)



#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

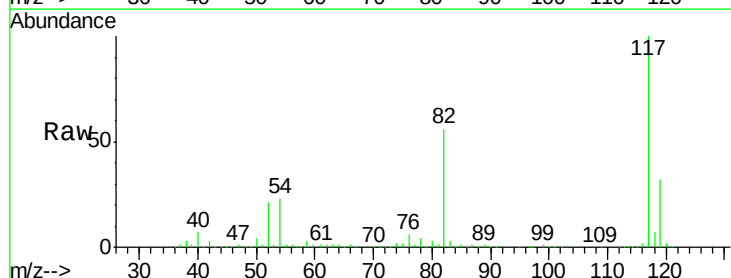
Tgt Ion: 117 Resp: 328677

Ion Ratio Lower Upper

117 100

82 55.6 45.0 67.4

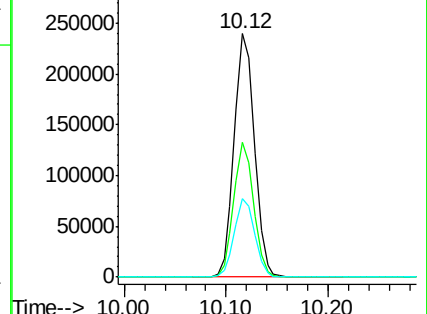
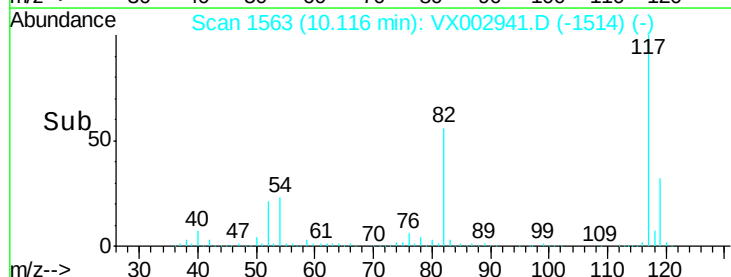
119 32.1 25.8 38.6

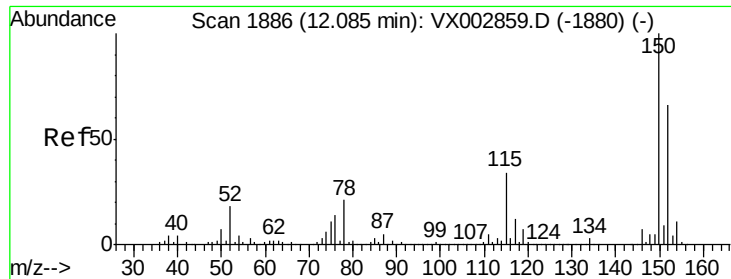


Abundance Ion 116.90 (116.60 to 117.60): VX002941.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002941.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002941.D (-1514) (-)





#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

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-13-15-180622

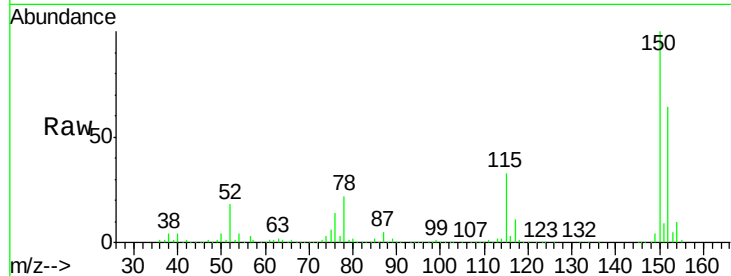
Tot Ion:152 Resp: 207062

Ion Ratio Lower Upper

152 100

115 54.7 40.1 120.2

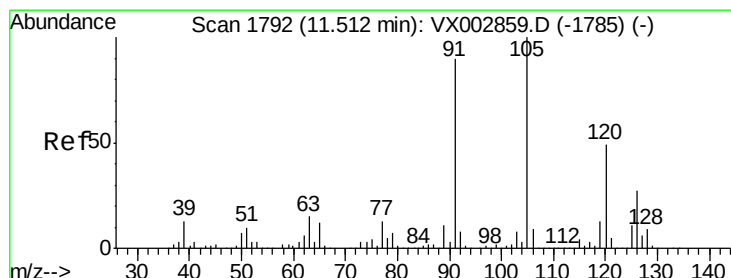
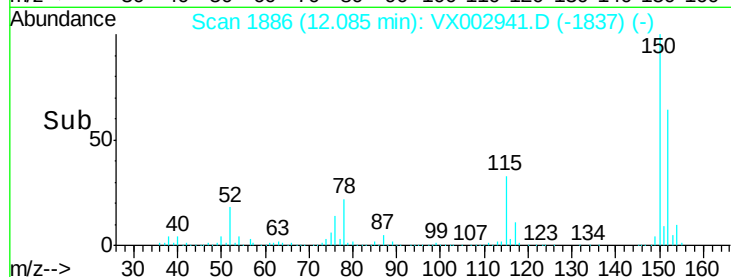
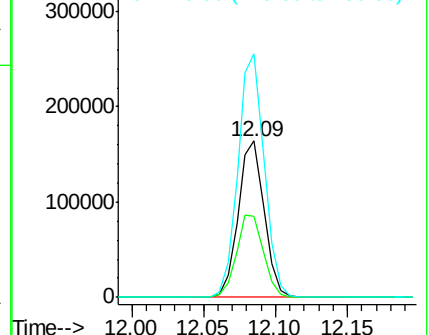
150 157.6 0.0 347.2



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



#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

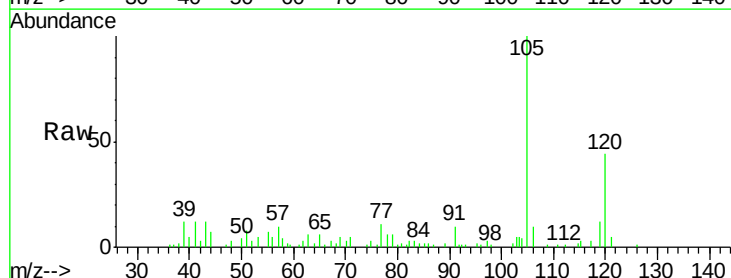
Acq: 27 Jun 2018 17:23

Tgt Ion:105 Resp: 6801

Ion Ratio Lower Upper

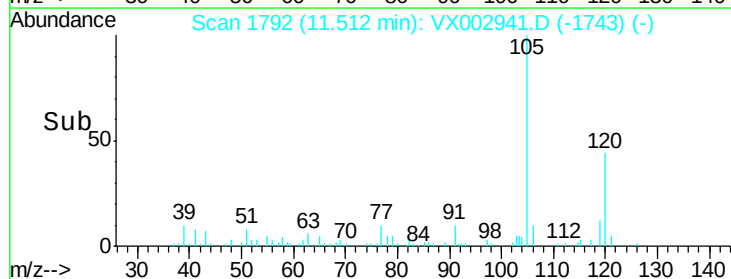
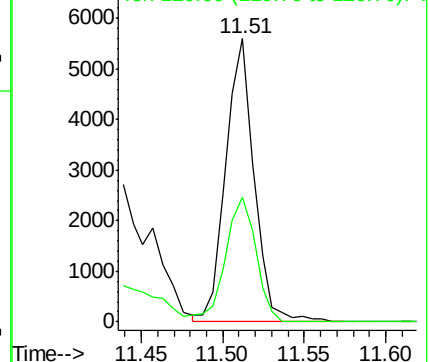
105 100

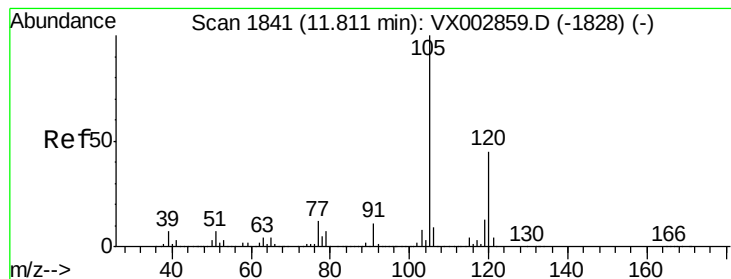
120 46.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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

ClientSampleId :

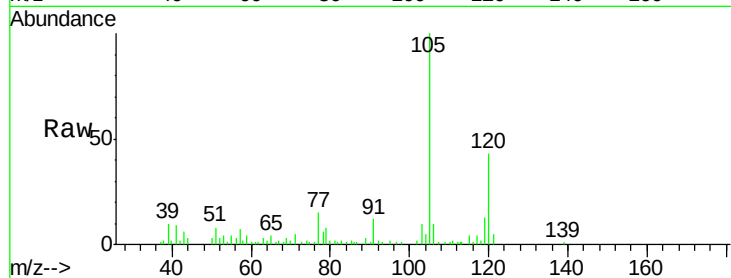
WP021SB480-13-15-180622

Tot Ion:105 Resp: 12606

Ion Ratio Lower Upper

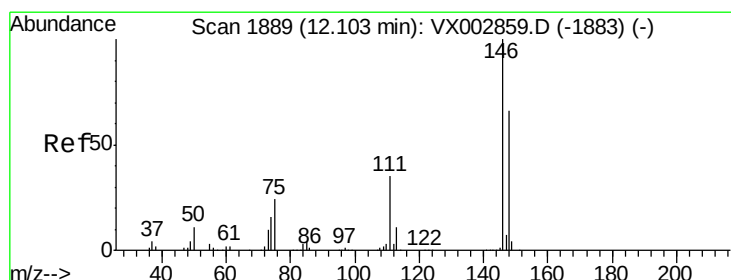
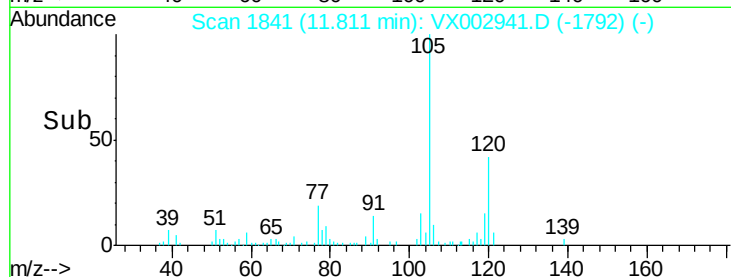
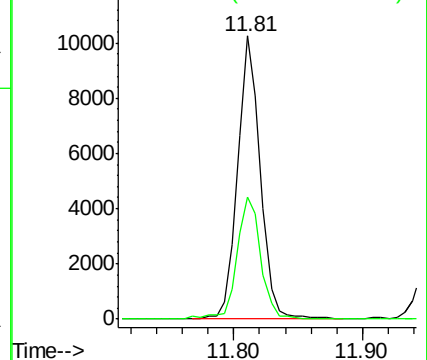
105 100

120 45.2 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#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

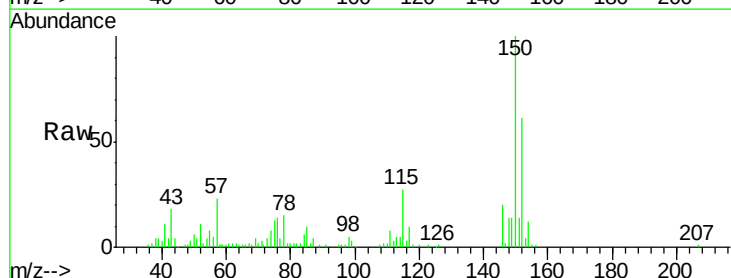
Tgt Ion:146 Resp: 3363

Ion Ratio Lower Upper

146 100

111 0.0 18.7 56.1#

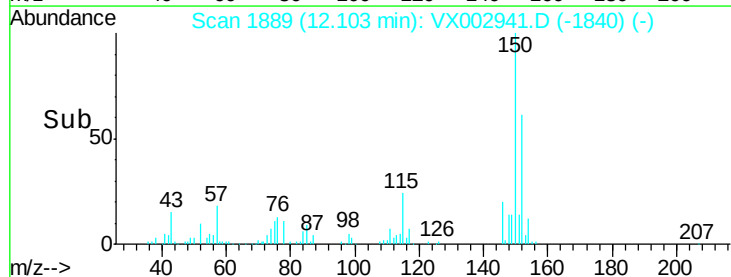
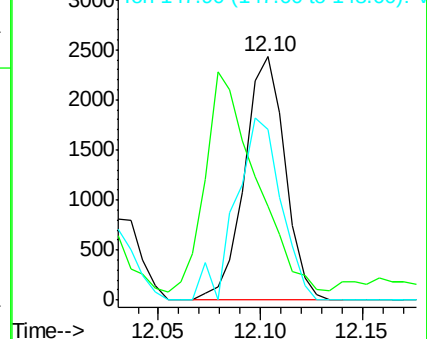
148 83.1 32.4 97.0

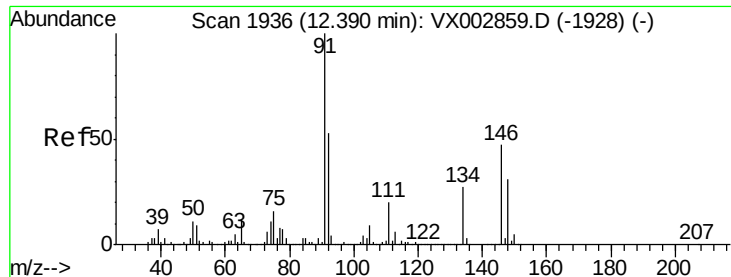


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

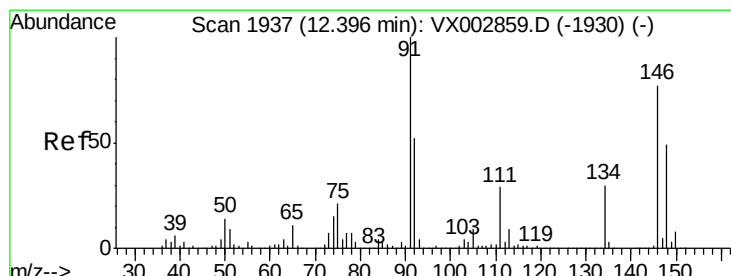
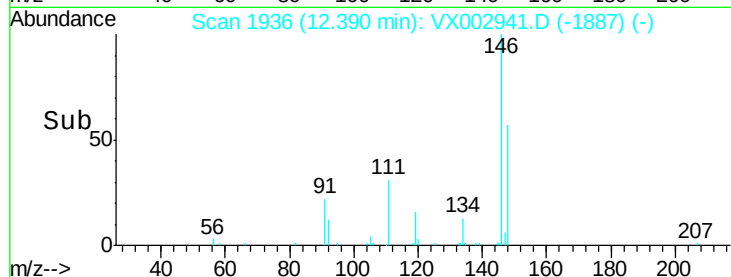
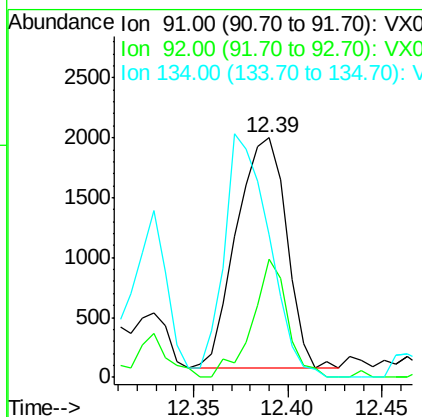
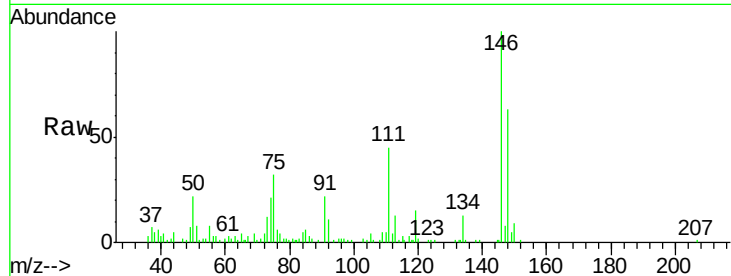




#89
n-Butylbenzene
Concen: 0.32 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

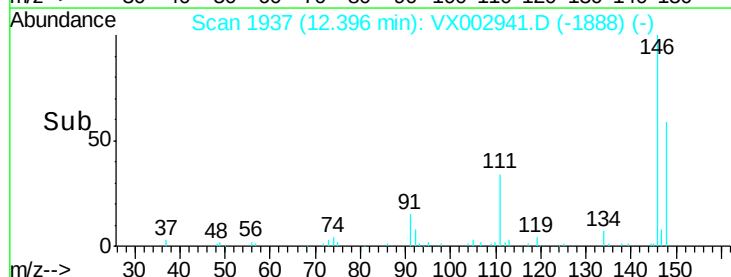
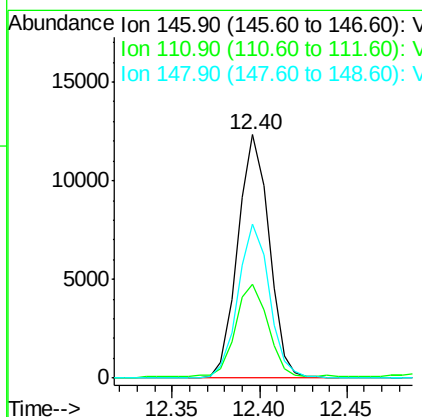
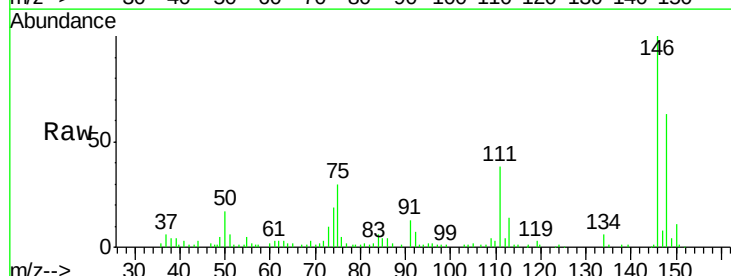
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-13-15-180622

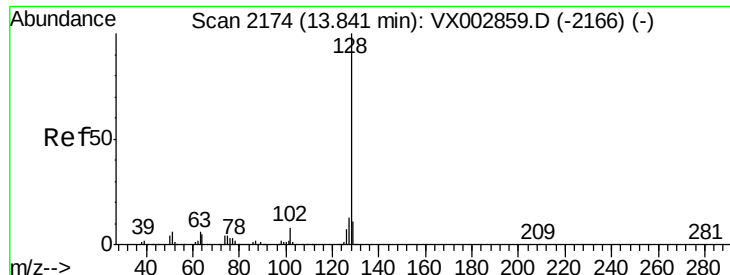
Tot Ion: 91 Resp: 3511
Ion Ratio Lower Upper
91 100
92 36.1 26.0 78.0
134 95.3 13.5 40.5#



#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

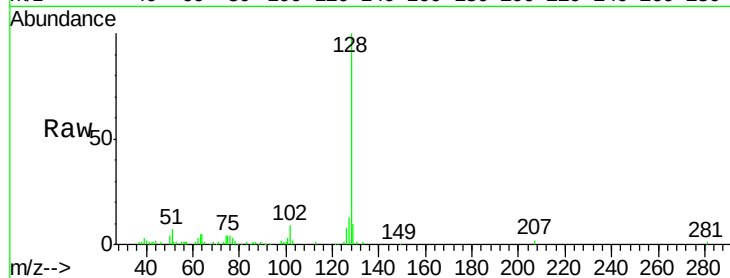




#95
Naphthalene
Concen: 1.25 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002941.D
Acq: 27 Jun 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-13-15-180622

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

