

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015716.D
 Acq On : 16 Apr 2020 16:46
 Operator : JC/SP
 Sample : L2276-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-DUP-20200409

Quant Time: Apr 17 06:50:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1034279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1610946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1540102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	863655	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	636568	43.64	ug/l	0.00
Spiked Amount			Recovery	=	87.28%	
35) Dibromofluoromethane	5.47	113	492843	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
50) Toluene-d8	8.70	98	1916157	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.12	95	812209	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	

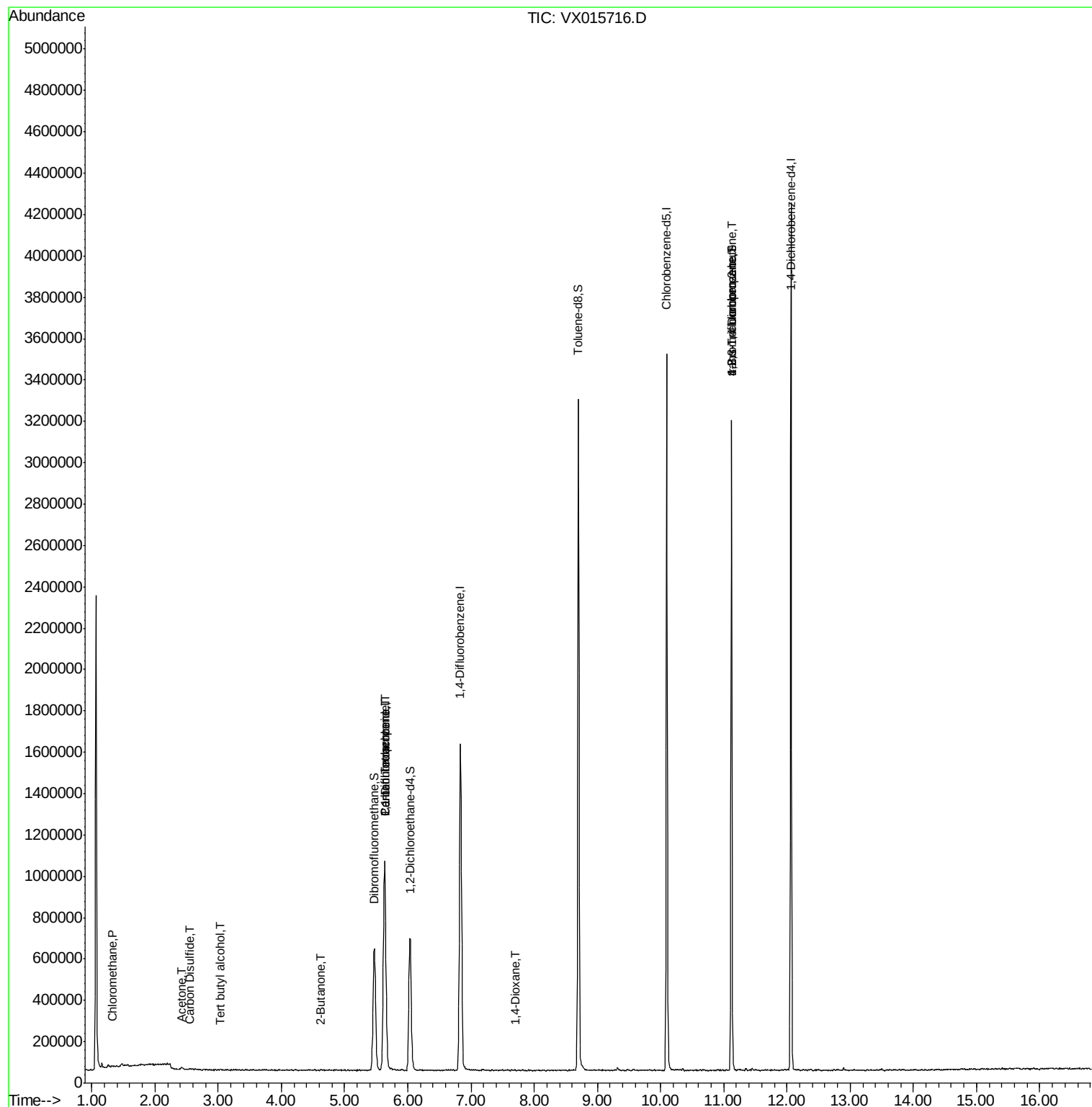
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	2934	0.253	ug/l #	79
5) Bromomethane	1.64	94	436	Below Cal	#	40
11) Tert butyl alcohol	3.03	59	1650	0.473	ug/l #	1
16) Acetone	2.42	43	12240	1.953	ug/l	98
17) Carbon Disulfide	2.55	76	6653	0.223	ug/l #	56
25) 2-Butanone	4.62	43	2455	0.244	ug/l #	48
36) 1,1-Dichloropropene	5.63	75	71033	4.786	ug/l #	53
38) Carbon Tetrachloride	5.64	117	96213	5.985	ug/l #	15
49) 1,4-Dioxane	7.70	88	450	1.480	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	404309	22.765	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	404309	54.623	ug/l #	10

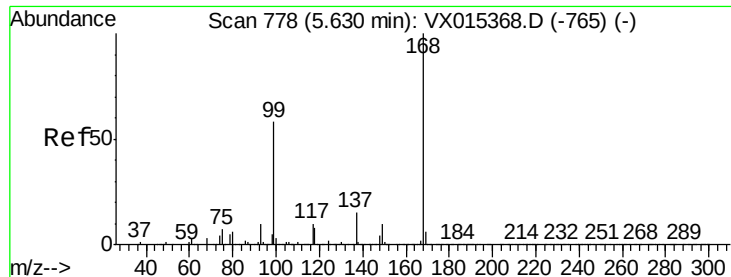
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041620\
Data File : VX015716.D
Acq On : 16 Apr 2020 16:46
Operator : JC/SP
Sample : L2276-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB180-DUP-20200409

Quant Time: Apr 17 06:50:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015716.D

Acq: 16 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

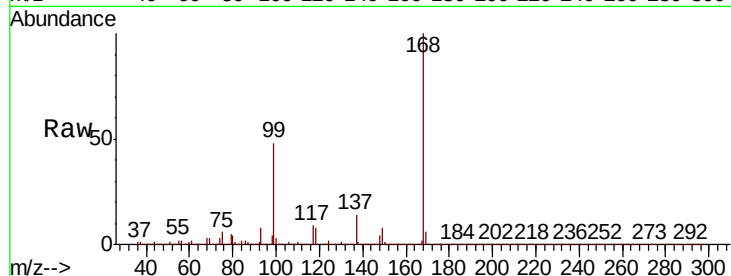
BP-VPB180-DUP-20200409

Tot Ion:168 Resp: 1034279

Ion Ratio Lower Upper

168 100

99 48.1 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

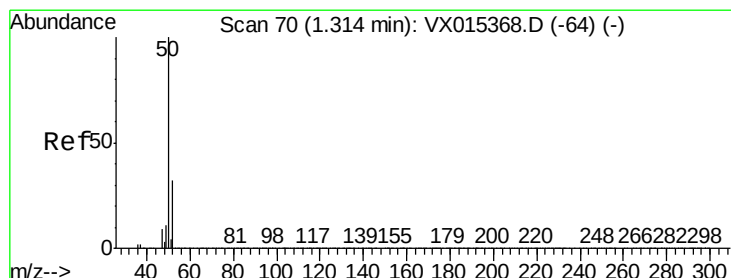
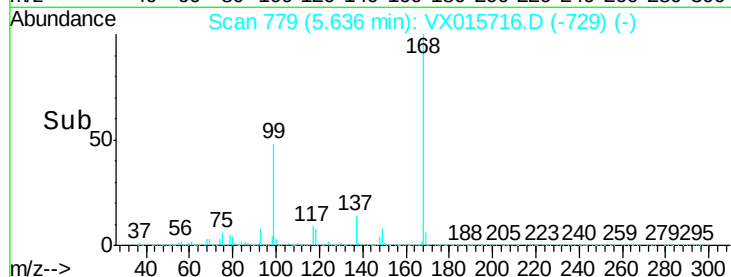
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.253 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015716.D

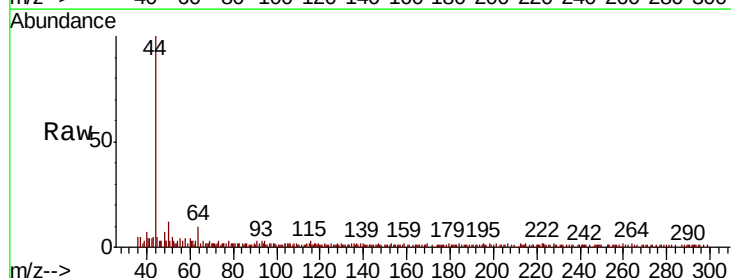
Acq: 16 Apr 2020 16:46

Tgt Ion: 50 Resp: 2934

Ion Ratio Lower Upper

50 100

52 19.7 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

2000

1500

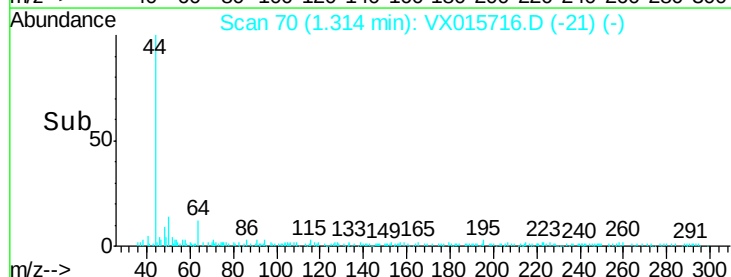
1000

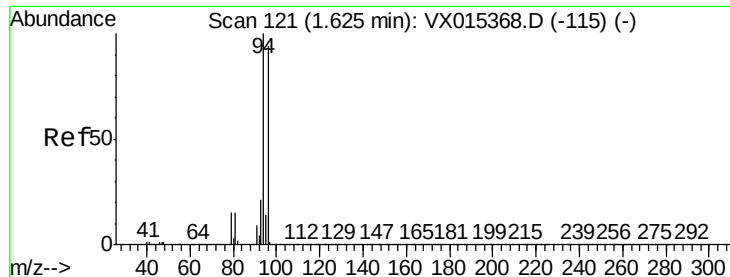
500

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX015716.D

Acq: 16 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampled :

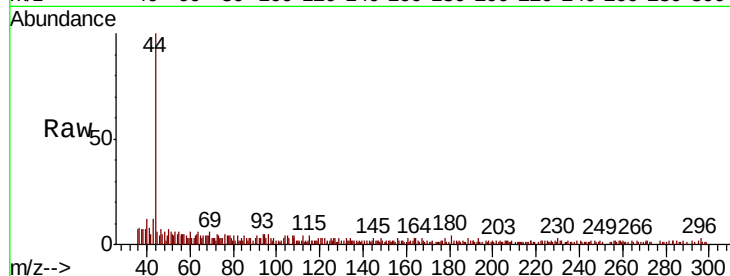
BP-VPB180-DUP-20200409

Tot Ion: 94 Resp: 436

Ion Ratio Lower Upper

94 100

96 35.5 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1000

800

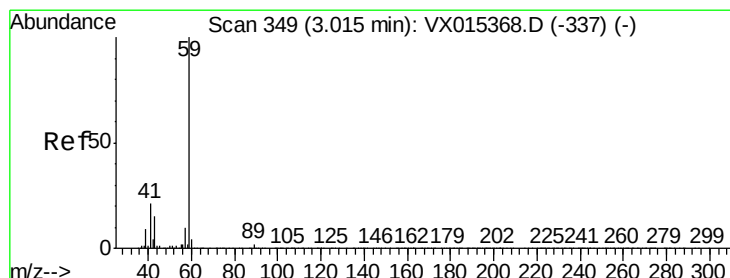
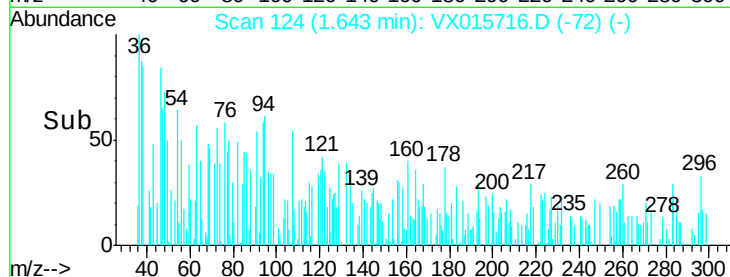
600

400

200

0

Time-->



#11

Tert butyl alcohol

Concen: 0.473 ug/l

RT: 3.03 min Scan# 352

Delta R.T. 0.02 min

Lab File: VX015716.D

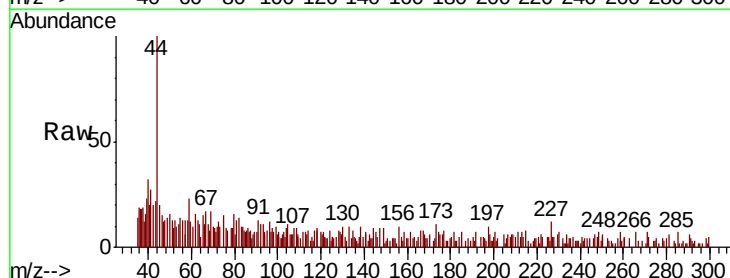
Acq: 16 Apr 2020 16:46

Tgt Ion: 59 Resp: 1650

Ion Ratio Lower Upper

59 100

57 61.4 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

1200

1000

800

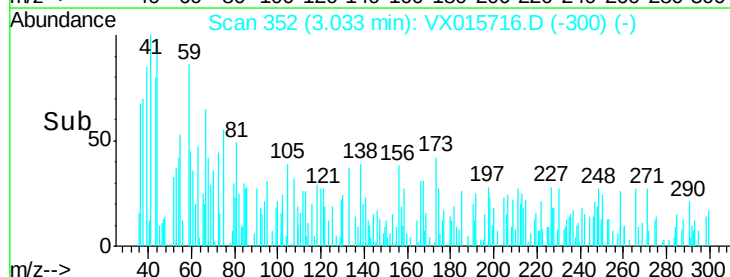
600

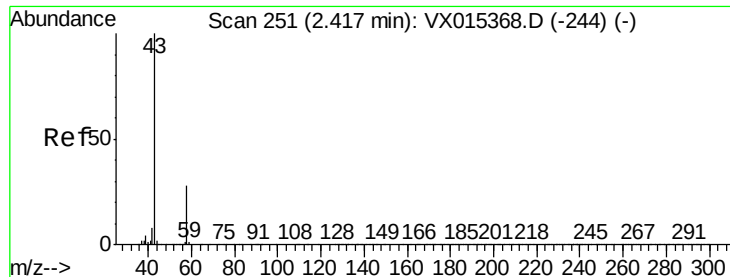
400

200

0

Time-->

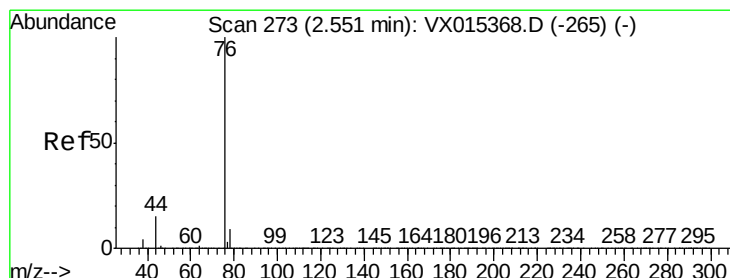
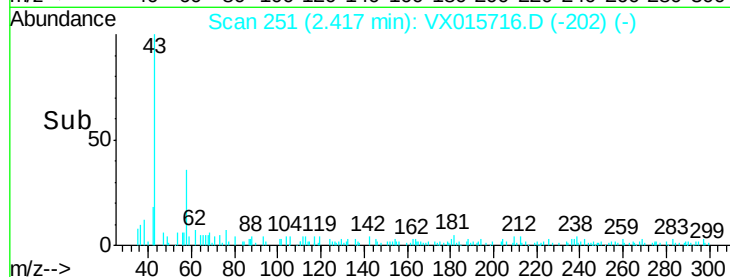
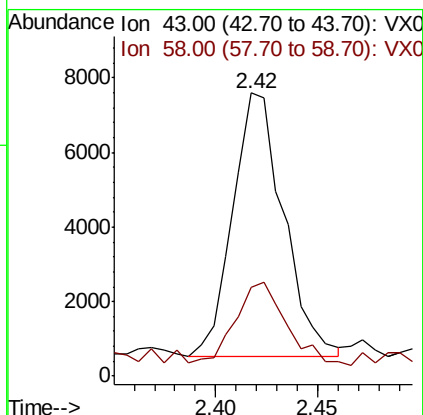
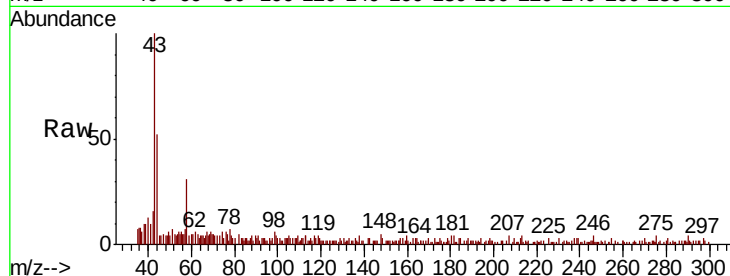




#16
Acetone
Concen: 1.953 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015716.D
Acq: 16 Apr 2020 16:46

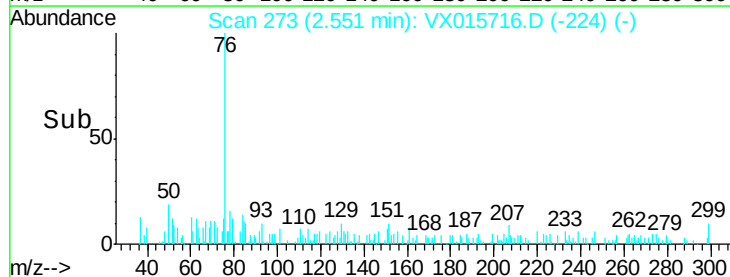
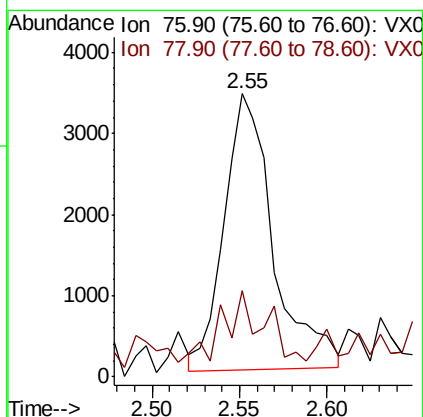
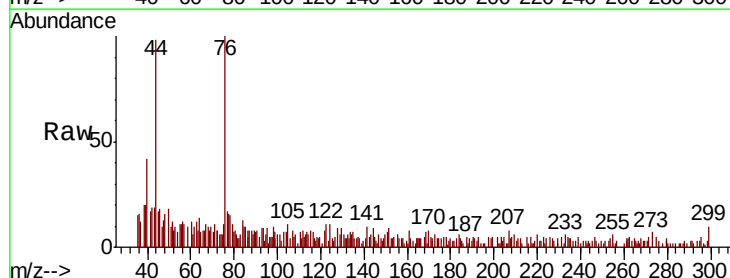
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB180-DUP-20200409

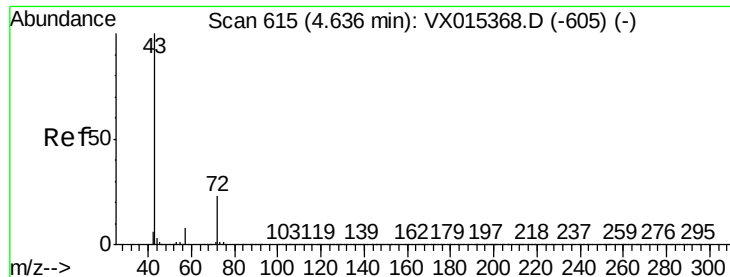
Tot Ion: 43 Resp: 12240
Ion Ratio Lower Upper
43 100
58 28.6 22.1 33.1



#17
Carbon Disulfide
Concen: 0.223 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015716.D
Acq: 16 Apr 2020 16:46

Tgt Ion: 76 Resp: 6653
Ion Ratio Lower Upper
76 100
78 24.8 7.1 10.7#





#25

2-Butanone

Concen: 0.244 ug/l

RT: 4.62 min Scan# 613

Delta R.T. -0.01 min

Lab File: VX015716.D

Acq: 16 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

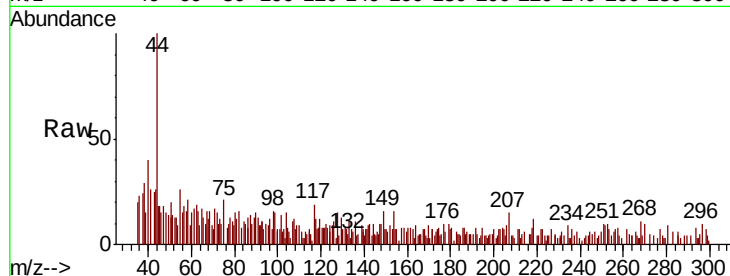
BP-VPB180-DUP-20200409

Tot Ion: 43 Resp: 2455

Ion Ratio Lower Upper

43 100

72 49.4 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

1500

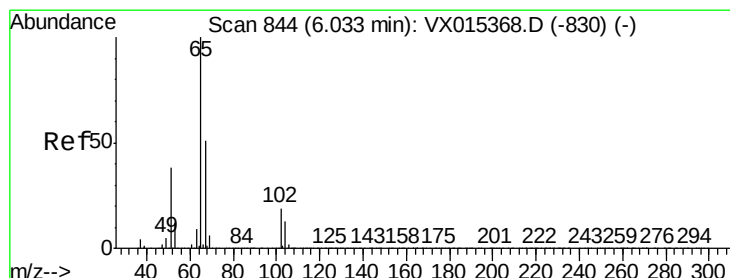
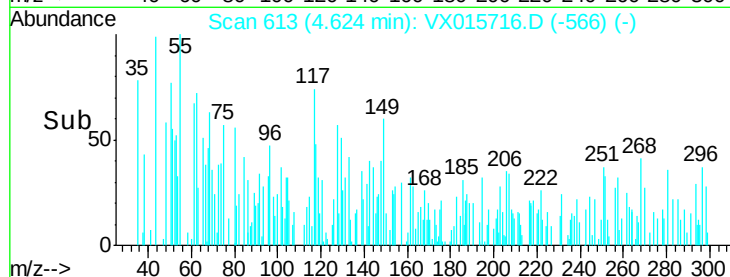
1000

500

0

4.62

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.638 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015716.D

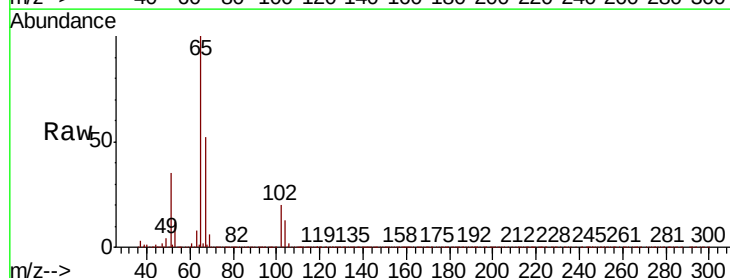
Acq: 16 Apr 2020 16:46

Tgt Ion: 65 Resp: 636568

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

250000

200000

150000

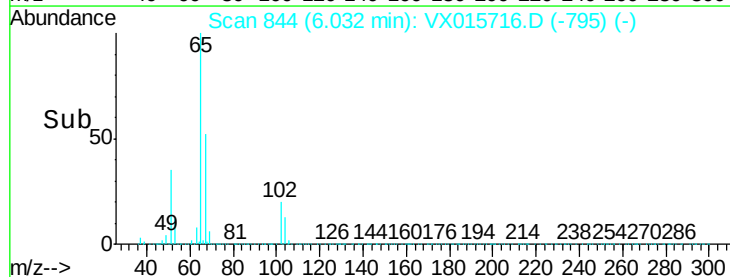
100000

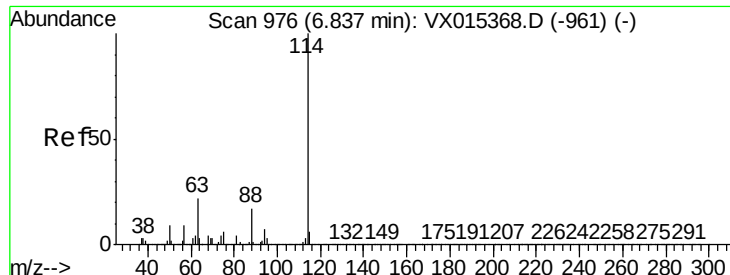
50000

0

6.03

Time-->

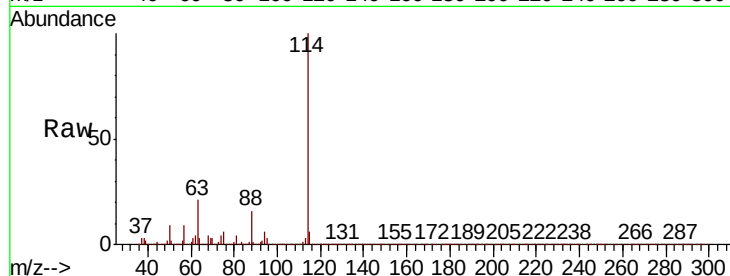




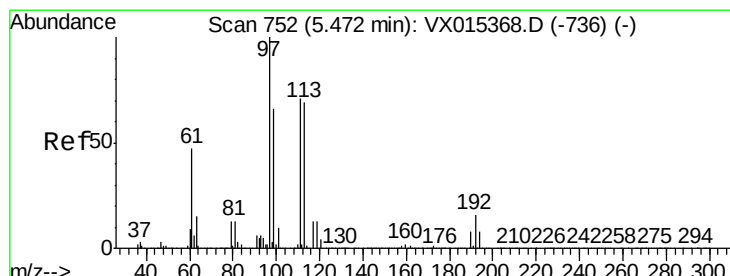
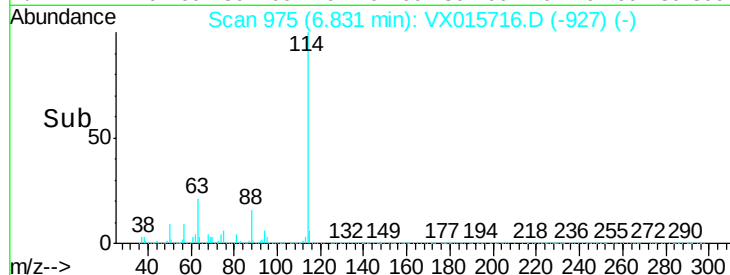
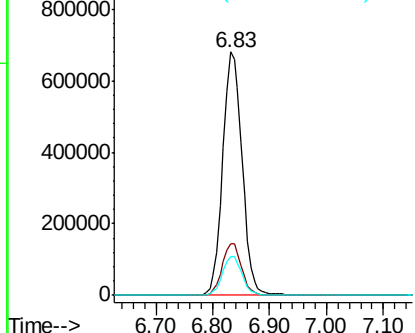
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015716.D
 Acq: 16 Apr 2020 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-DUP-20200409

Tot Ion:114 Resp: 1610946
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.2
 88 15.8 0.0 33.8

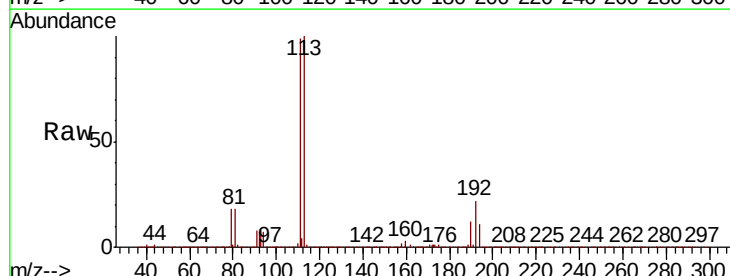


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

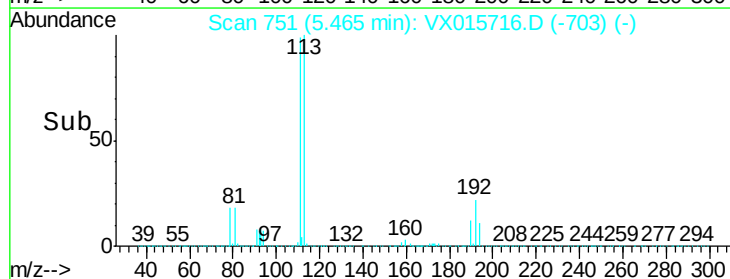
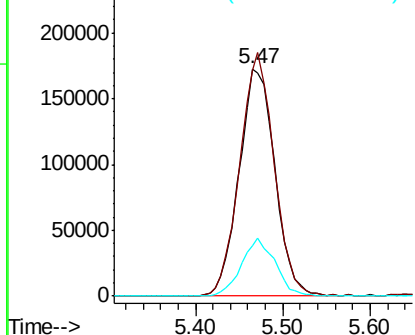


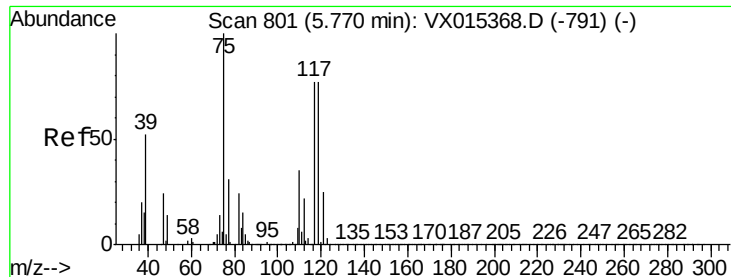
#35
 Dibromofluoromethane
 Concen: 47.860 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015716.D
 Acq: 16 Apr 2020 16:46

Tgt Ion:113 Resp: 492843
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 23.9 17.8 26.6



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

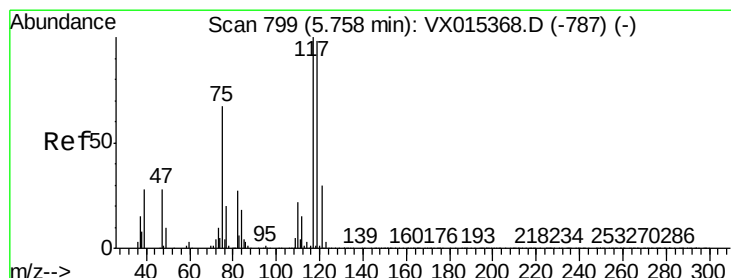
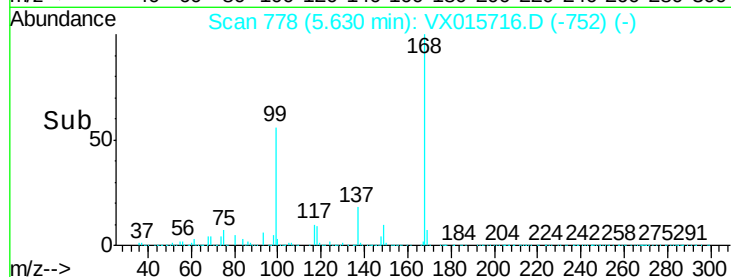
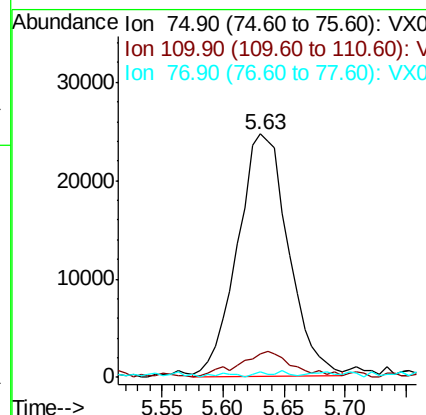
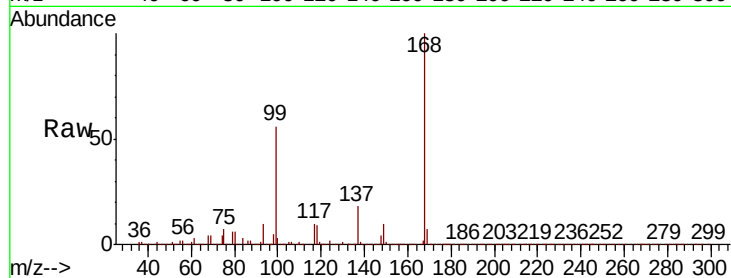




#36
 1,1-Dichloropropene
 Concen: 4.786 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015716.D
 Acq: 16 Apr 2020 16:46

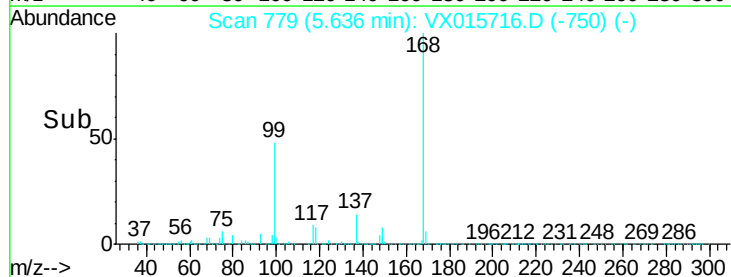
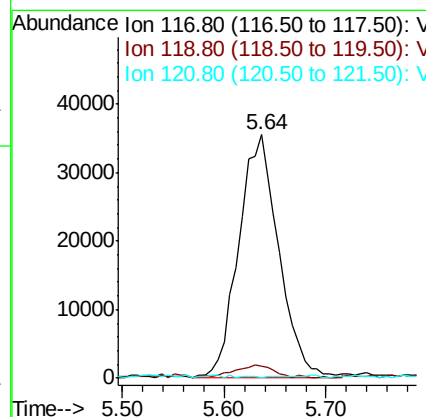
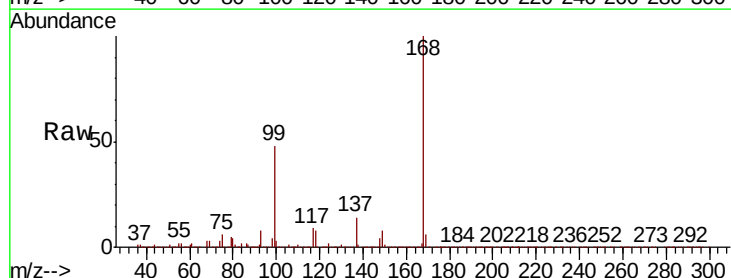
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-DUP-20200409

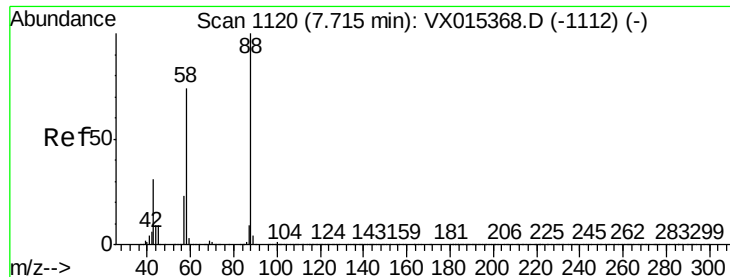
Tot Ion	75	110	77	Resp	Lower	Upper
75	100					
110	11.7	17.1				51.3#
77	0.7	24.6				36.8#



#38
 Carbon Tetrachloride
 Concen: 5.985 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.12 min
 Lab File: VX015716.D
 Acq: 16 Apr 2020 16:46

Tgt Ion	117	119	121	Resp	Lower	Upper
117	100					
119	4.3	78.0				117.0#
121	0.0	23.8				35.8#





#49

1,4-Dioxane

Concen: 1.480 ug/l

RT: 7.70 min Scan# 1117

Delta R.T. -0.02 min

Lab File: VX015716.D

Acq: 16 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB180-DUP-20200409

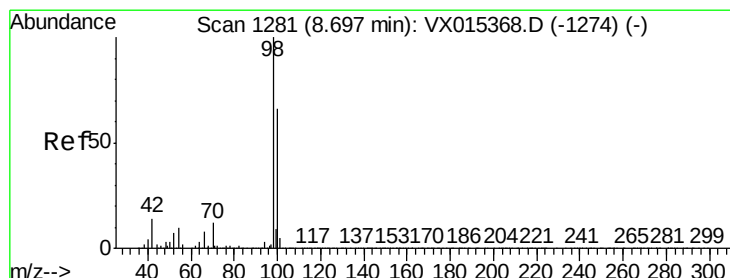
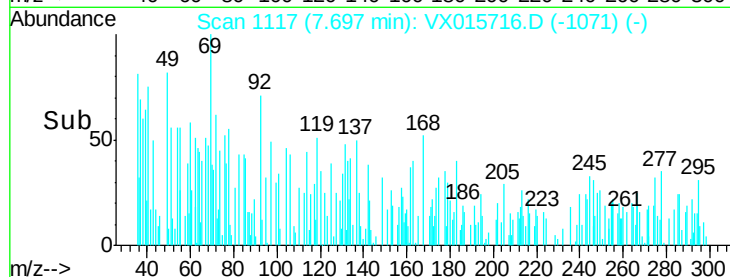
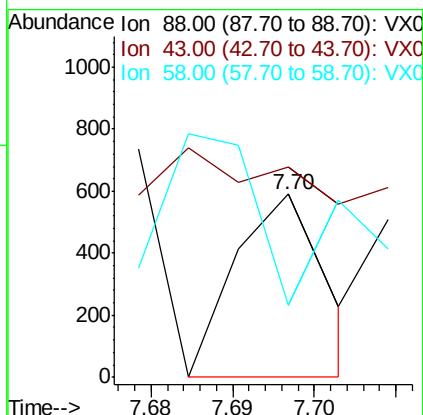
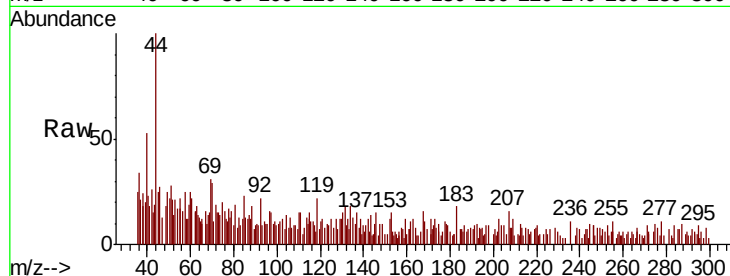
Tot Ion: 88 Resp: 450

Ion Ratio Lower Upper

88 100

43 322.9 30.1 45.1#

58 38.7 60.6 90.8#



#50

Toluene-d8

Concen: 50.541 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015716.D

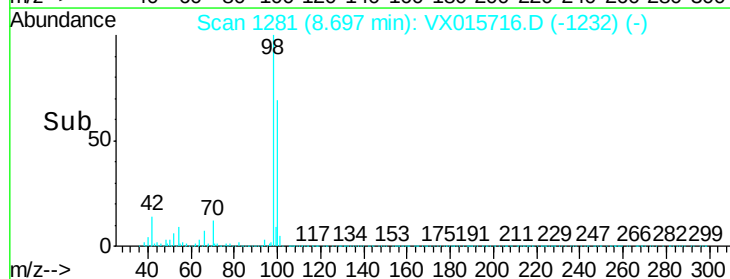
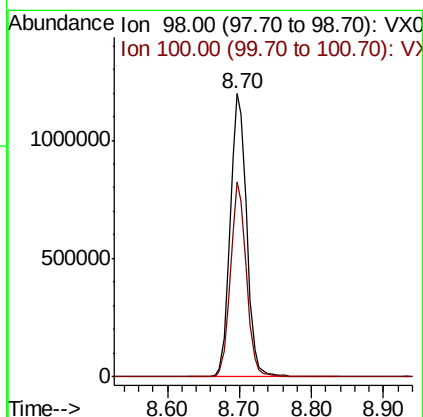
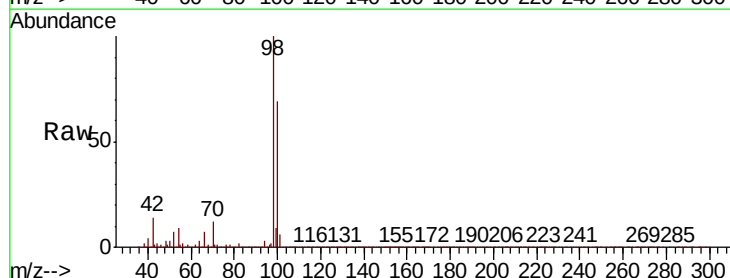
Acq: 16 Apr 2020 16:46

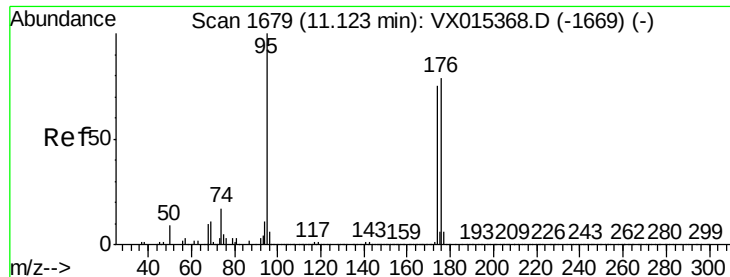
Tgt Ion: 98 Resp: 1916157

Ion Ratio Lower Upper

98 100

100 66.5 53.5 80.3

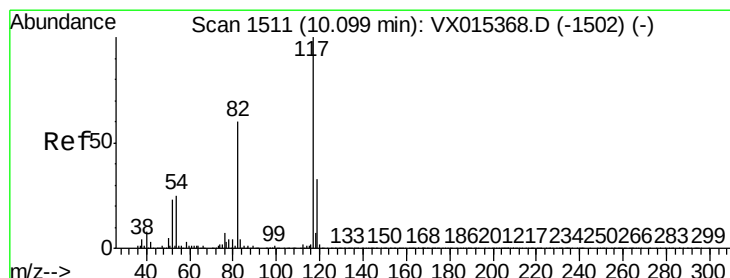
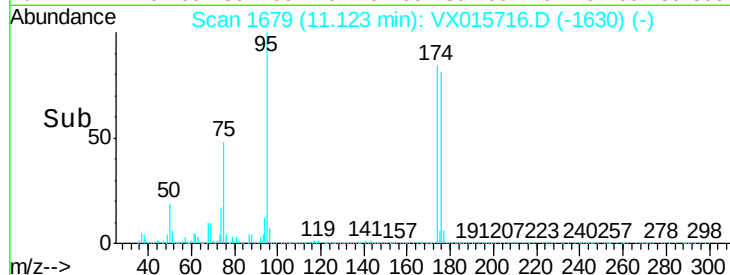
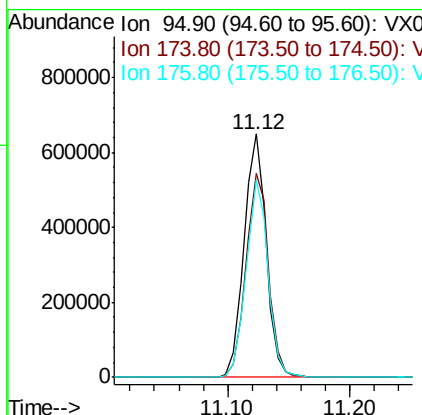
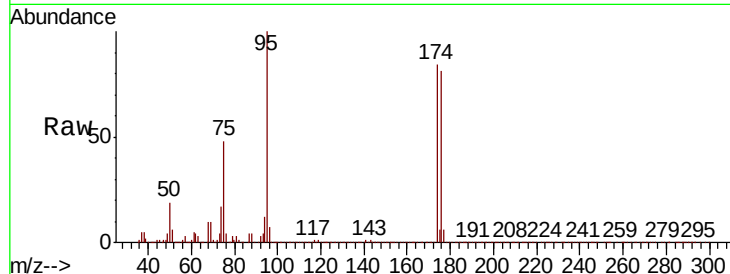




#62
4-Bromofluorobenzene
Concen: 52.714 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015716.D
Acq: 16 Apr 2020 16:46

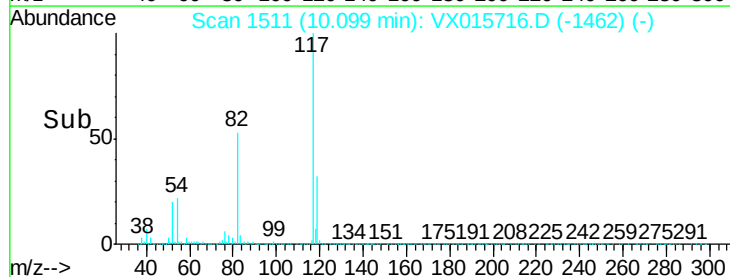
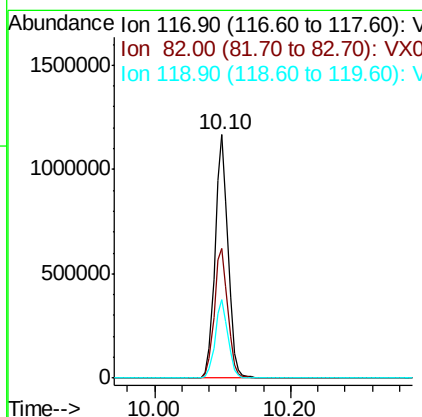
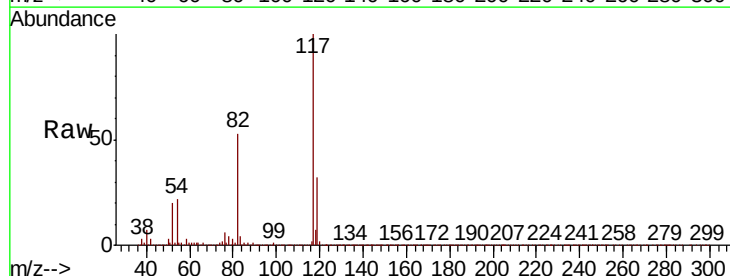
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB180-DUP-20200409

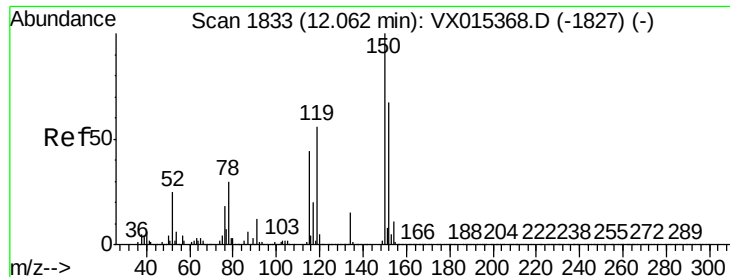
Tot Ion:	95	Resp:	812209
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	158.6
176	80.8	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015716.D
Acq: 16 Apr 2020 16:46

Tgt Ion:	117	Resp:	1540102
Ion	Ratio	Lower	Upper
117	100		
82	53.3	47.8	71.8
119	32.0	26.8	40.2

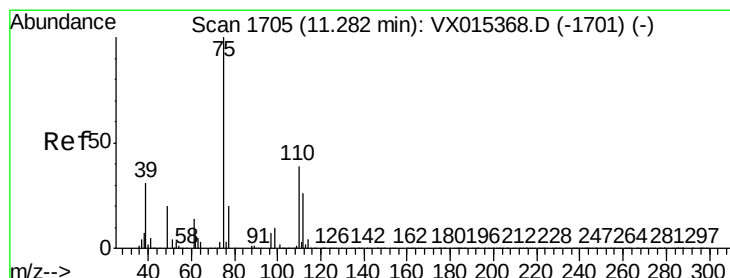
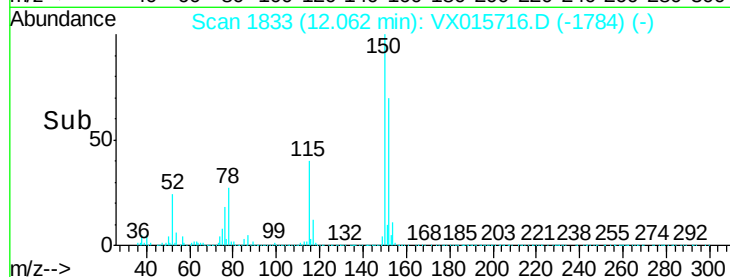
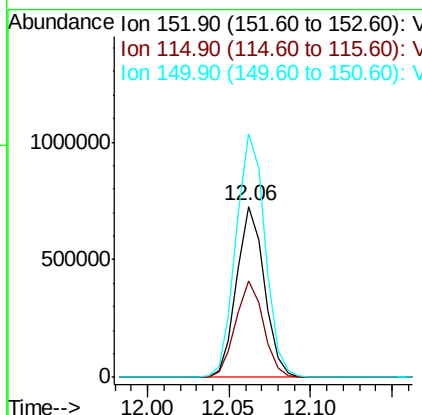
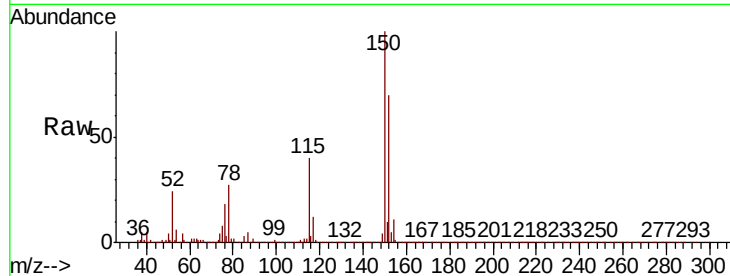




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015716.D
 Acq: 16 Apr 2020 16:46

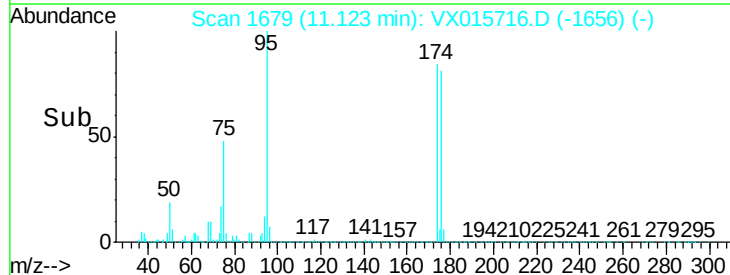
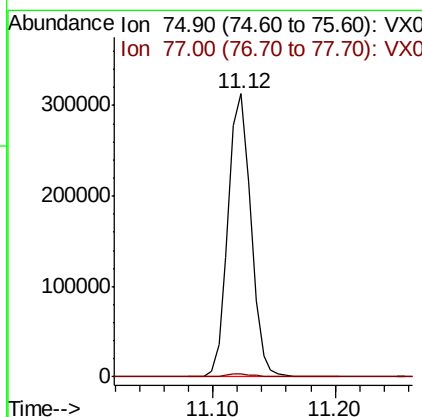
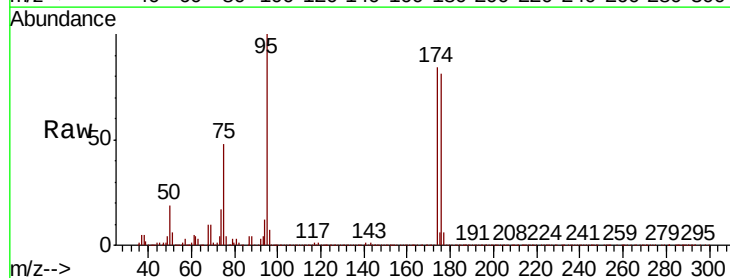
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-DUP-20200409

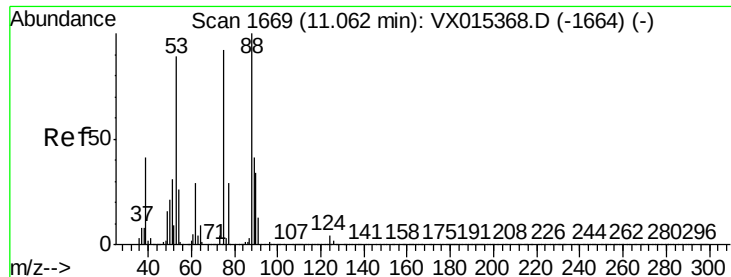
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.0	116.9
150	149.3	0.0	340.8



#76
 1,2,3-Trichloropropane
 Concen: 22.765 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.16 min
 Lab File: VX015716.D
 Acq: 16 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.2	63.6#

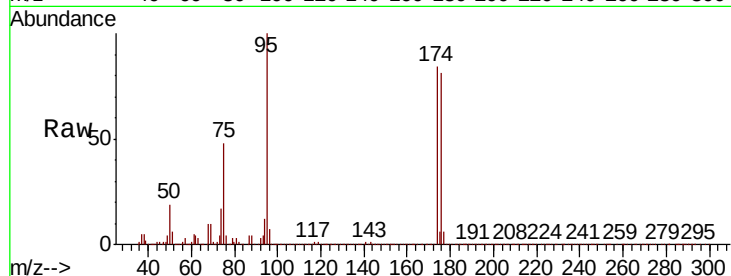




#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.623 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015716.D
 Acq: 16 Apr 2020 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-DUP-20200409

Tot Ion: 75 Resp: 404309
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.1 120.1#
 89 0.0 36.1 54.1#



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

