

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015711.D
 Acq On : 16 Apr 2020 14:52
 Operator : JC/SP
 Sample : L2294-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB5-200413

Quant Time: Apr 17 06:47:58 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	1018718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1580911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1487914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	793673	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	618348	43.04	ug/l	0.00
Spiked Amount			Recovery	=	86.08%	
35) Dibromofluoromethane	5.47	113	477513	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
50) Toluene-d8	8.70	98	1884199	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.12	95	759370	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	

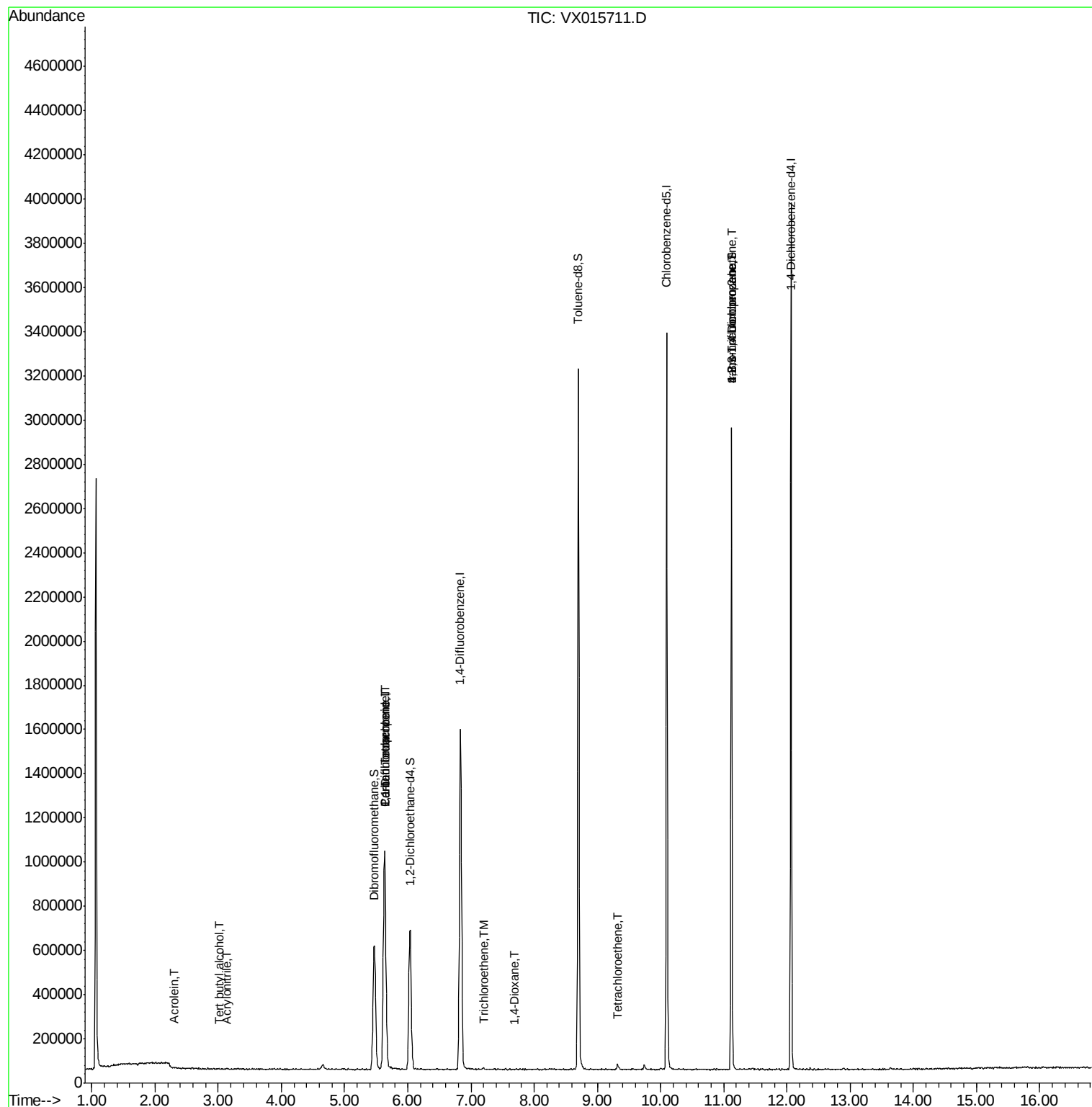
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	603	Below Cal	#	5
11) Tert butyl alcohol	3.01	59	810	0.236	ug/l #	1
13) Acrolein	2.30	56	537	0.274	ug/l #	57
15) Acrylonitrile	3.14	53	1794	0.274	ug/l #	48
36) 1,1-Dichloropropene	5.63	75	71821	4.931	ug/l #	54
38) Carbon Tetrachloride	5.64	117	93649	5.936	ug/l #	15
44) Trichloroethene	7.20	130	3116	0.268	ug/l	70
49) 1,4-Dioxane	7.68	88	841	2.819	ug/l #	20
64) Tetrachloroethene	9.32	164	4859	0.433	ug/l	89
76) 1,2,3-Trichloropropane	11.12	75	382485	23.435	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	382485	56.231	ug/l #	10

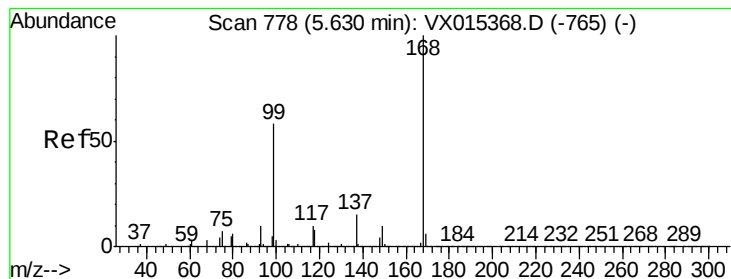
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041620\
Data File : VX015711.D
Acq On : 16 Apr 2020 14:52
Operator : JC/SP
Sample : L2294-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-TB5-200413

Quant Time: Apr 17 06:47:58 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: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

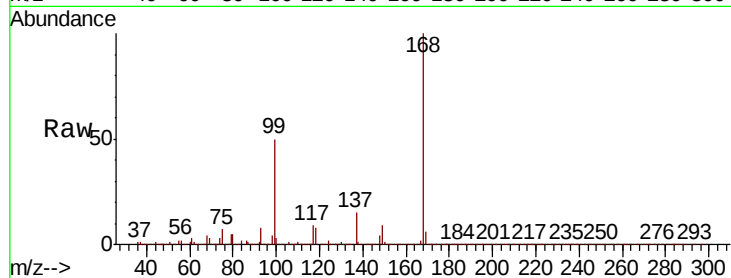
Z3-TB5-200413

Tot Ion:168 Resp: 1018718

Ion Ratio Lower Upper

168 100

99 49.9 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

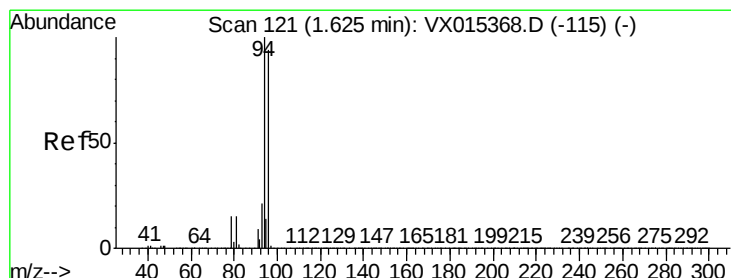
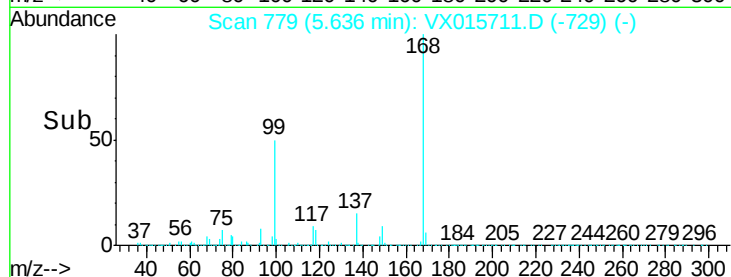
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX015711.D

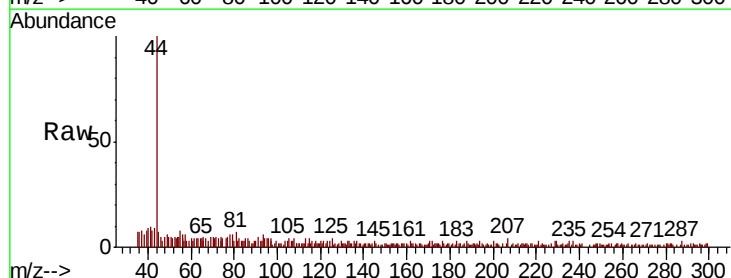
Acq: 16 Apr 2020 14:52

Tgt Ion: 94 Resp: 603

Ion Ratio Lower Upper

94 100

96 2.1 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

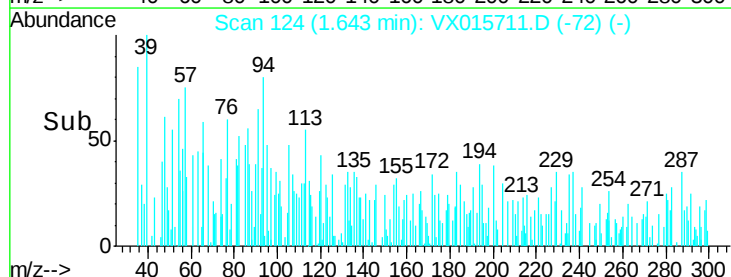
600

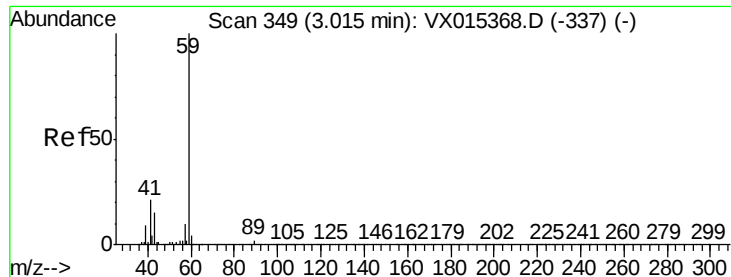
400

200

0

Time-->



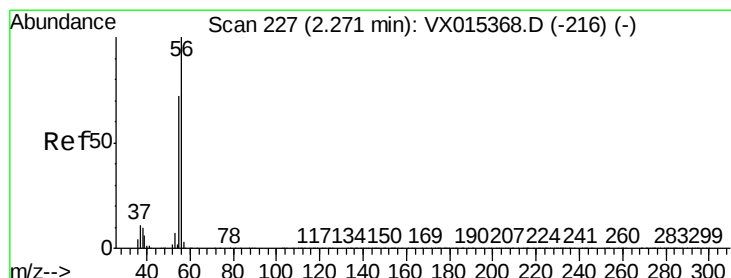
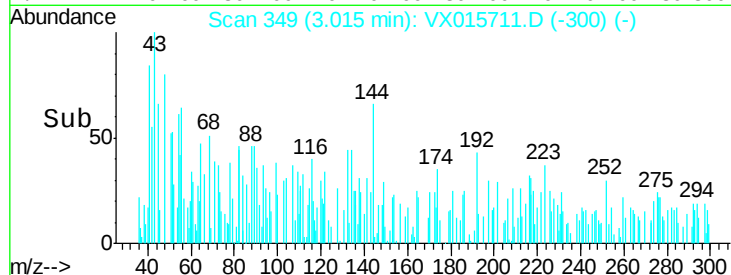
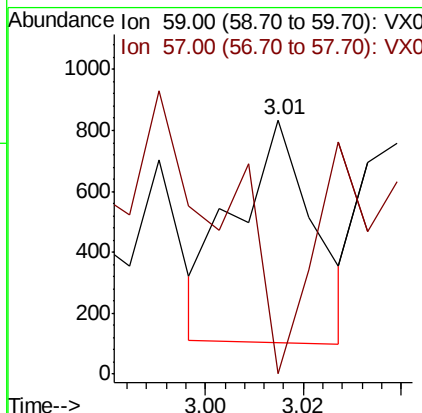
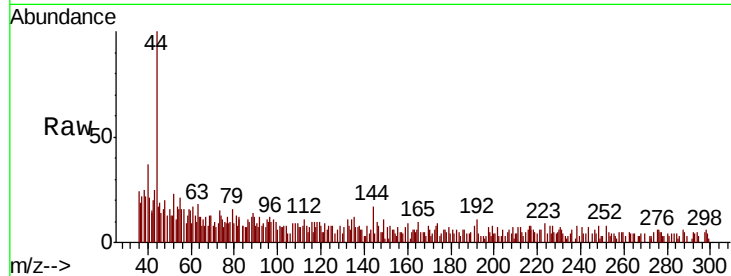


#11

Tert butyl alcohol
 Concen: 0.236 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VX015711.D
 Acq: 16 Apr 2020 14:52

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-TB5-200413

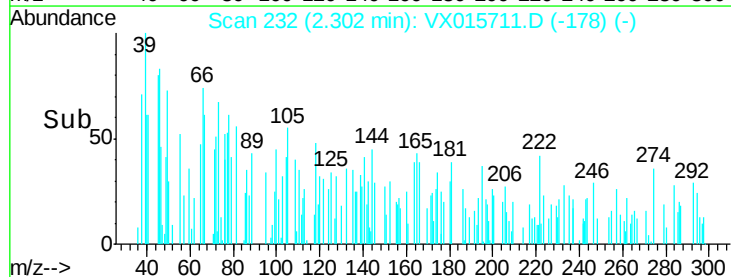
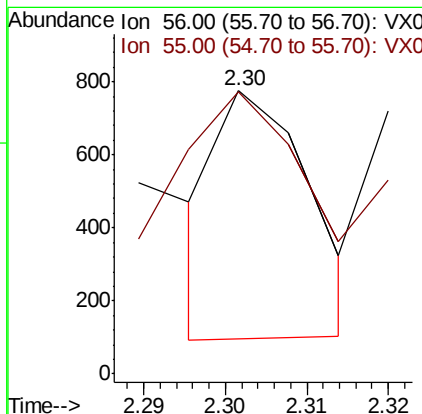
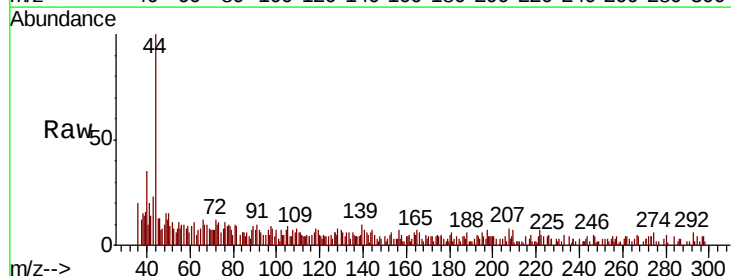
Tot Ion: 59 Resp: 810
 Ion Ratio Lower Upper
 59 100
 57 168.9 8.1 12.1#

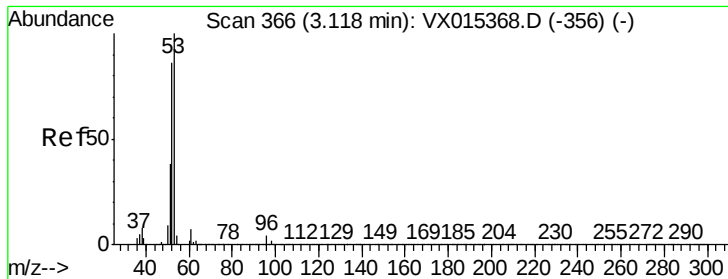


#13

Acrolein
 Concen: 0.274 ug/l
 RT: 2.30 min Scan# 232
 Delta R.T. 0.03 min
 Lab File: VX015711.D
 Acq: 16 Apr 2020 14:52

Tgt Ion: 56 Resp: 537
 Ion Ratio Lower Upper
 56 100
 55 35.6 57.0 85.4#





#15

Acrylonitrile

Concen: 0.274 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.02 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB5-200413

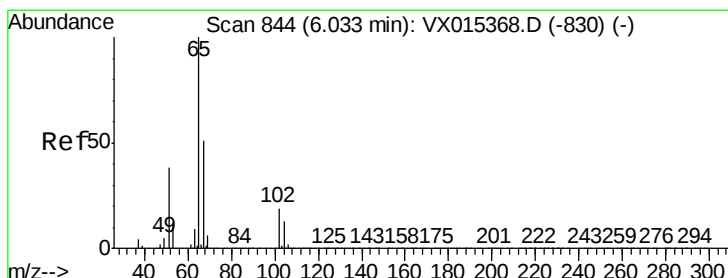
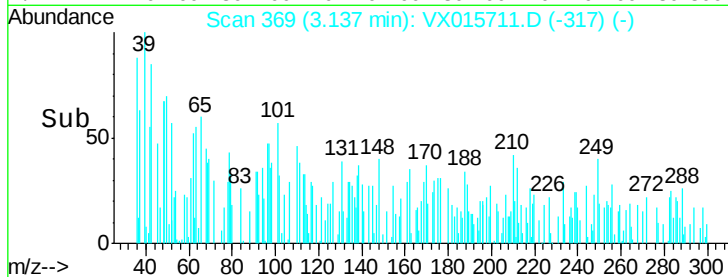
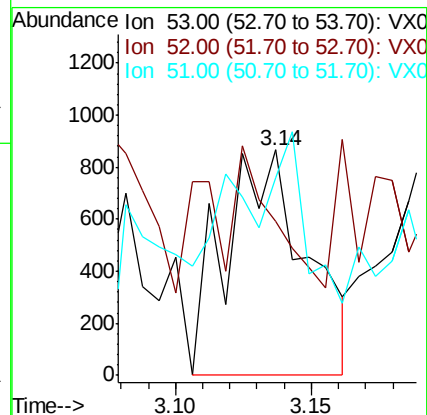
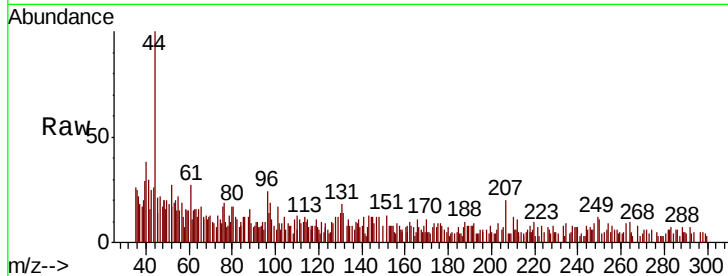
Tot Ion: 53 Resp: 1794

Ion Ratio Lower Upper

53 100

52 28.1 66.8 100.2#

51 17.8 29.5 44.3#



#33

1,2-Dichloroethane-d4

Concen: 43.037 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015711.D

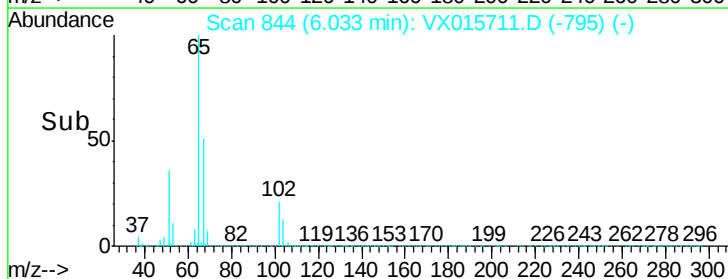
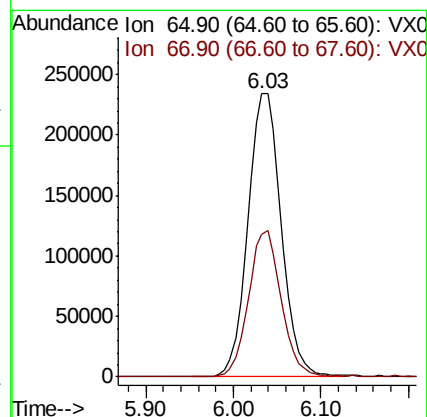
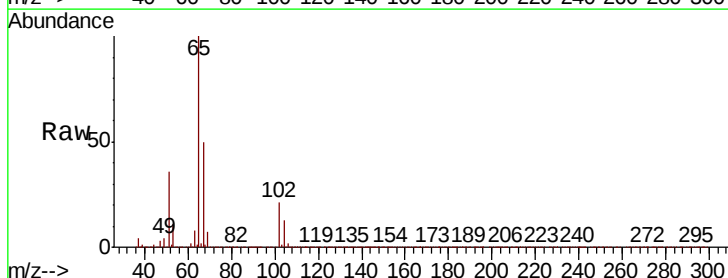
Acq: 16 Apr 2020 14:52

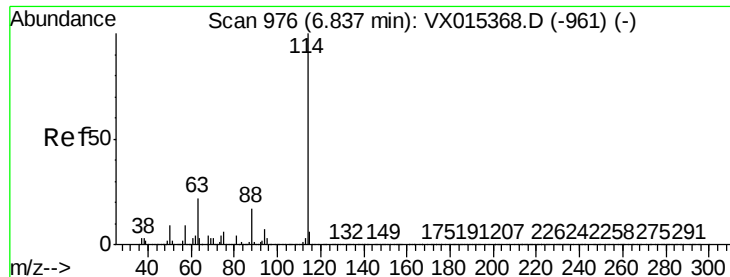
Tgt Ion: 65 Resp: 618348

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB5-200413

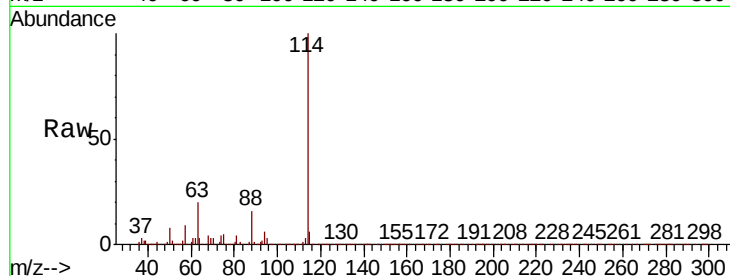
Tot Ion:114 Resp: 1580911

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.2

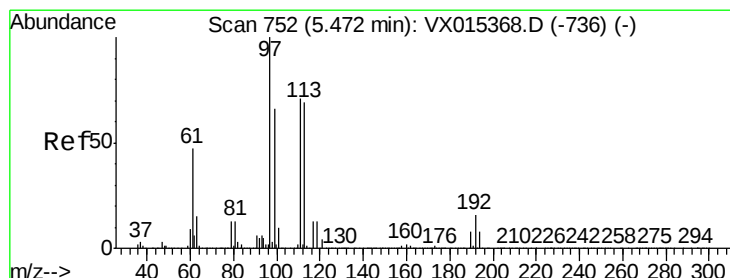
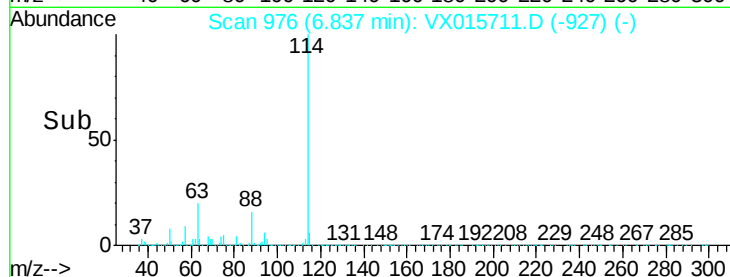
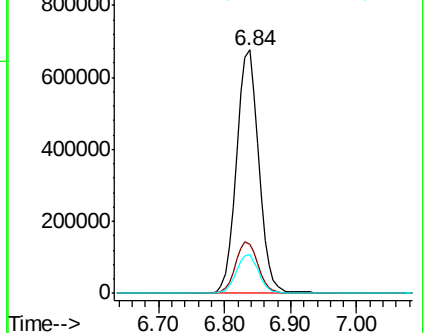
88 15.7 0.0 33.8



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: 47.252 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

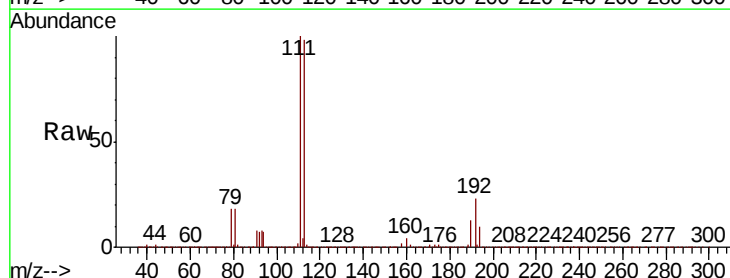
Tgt Ion:113 Resp: 477513

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

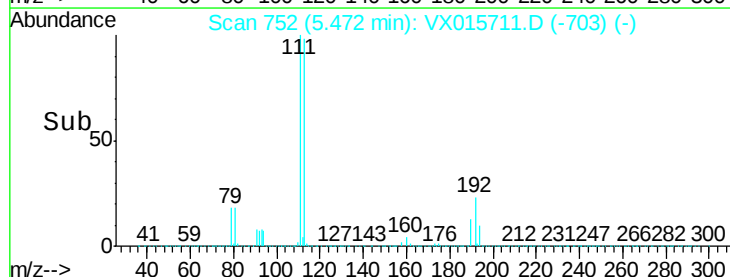
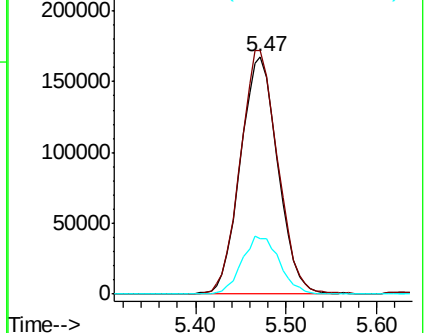
192 24.3 17.8 26.6

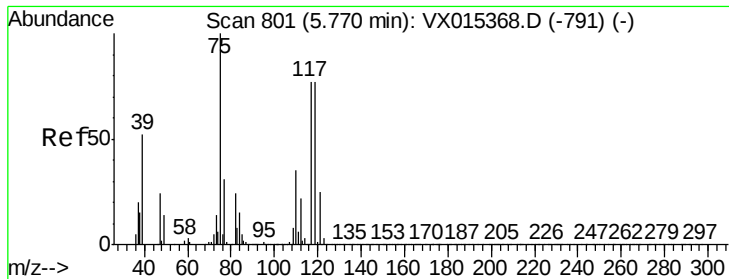


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.931 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.14 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB5-200413

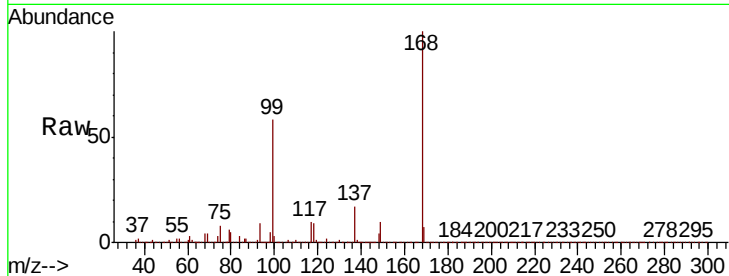
Tot Ion: 75 Resp: 71821

Ion Ratio Lower Upper

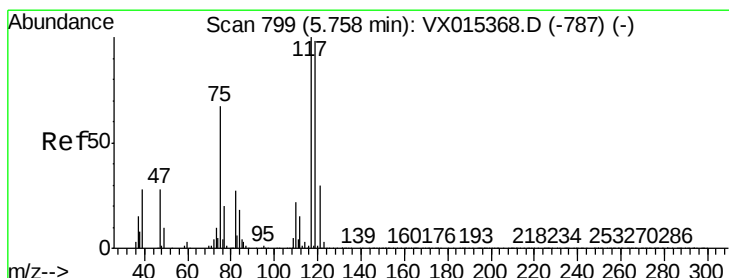
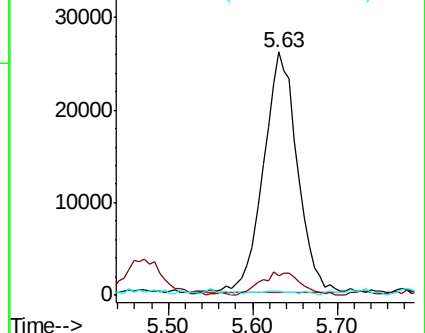
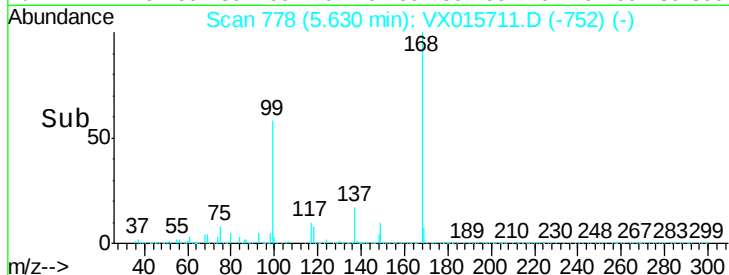
75 100

110 11.4 17.1 51.3#

77 2.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX015711.D (-752) (-)



#38

Carbon Tetrachloride

Concen: 5.936 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

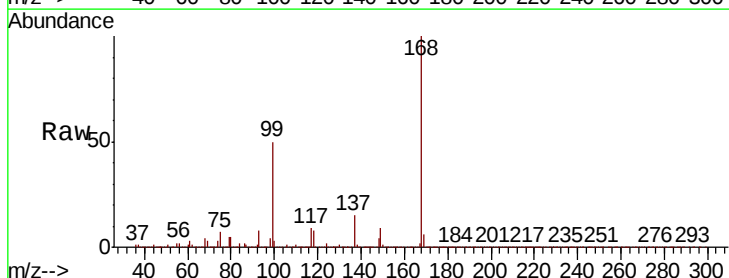
Tgt Ion: 117 Resp: 93649

Ion Ratio Lower Upper

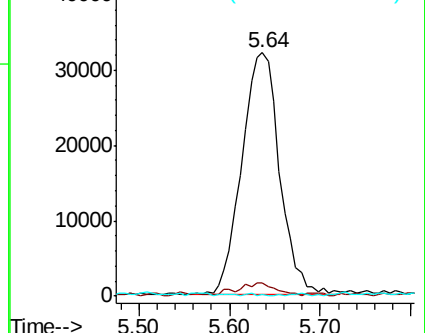
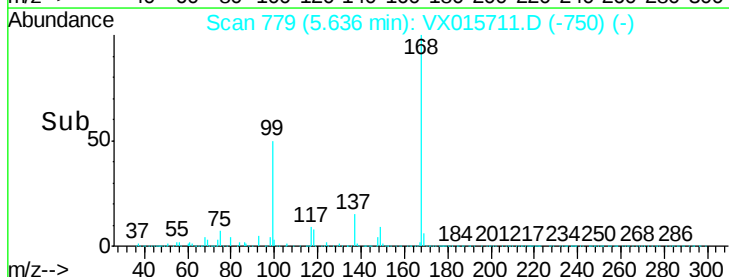
117 100

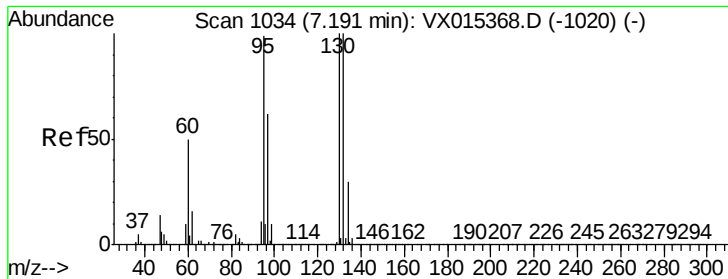
119 4.6 78.0 117.0#

121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): VX015711.D (-750) (-)





#44

Trichloroethene

Concen: 0.268 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.01 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

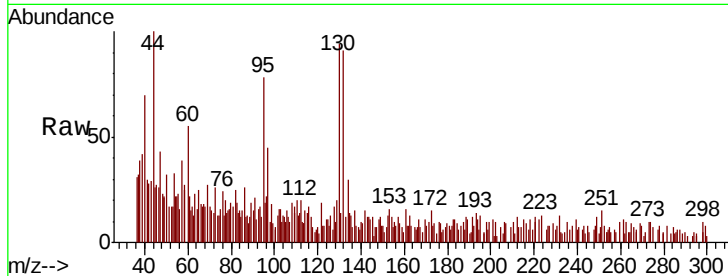
Z3-TB5-200413

Tot Ion:130 Resp: 3116

Ion Ratio Lower Upper

130 100

95 69.3 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

1500

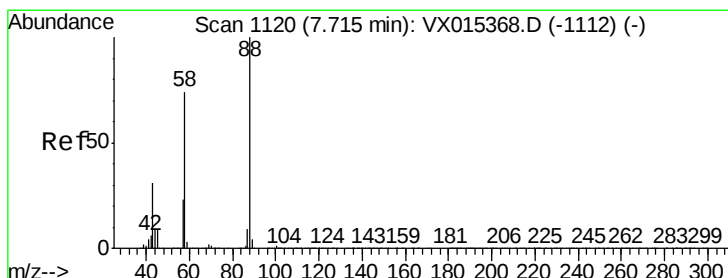
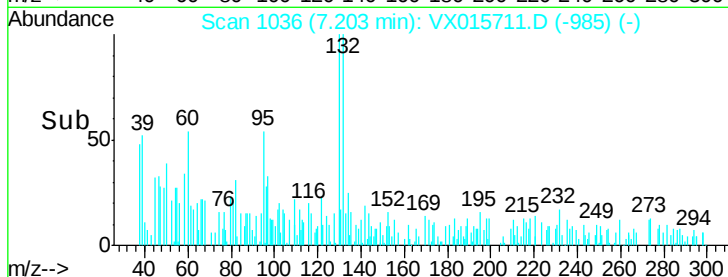
1000

500

0

Time-->

7.15 7.20 7.25



#49

1,4-Dioxane

Concen: 2.819 ug/l

RT: 7.68 min Scan# 1115

Delta R.T. -0.03 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

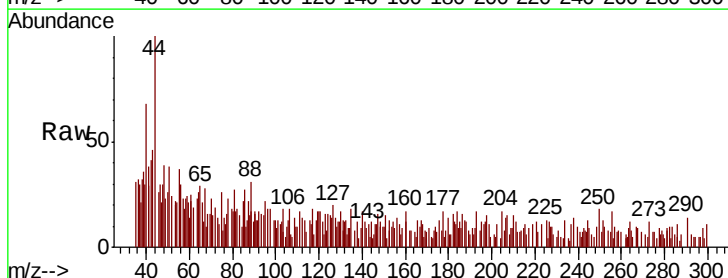
Tgt Ion: 88 Resp: 841

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 60.6 90.8#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800

600

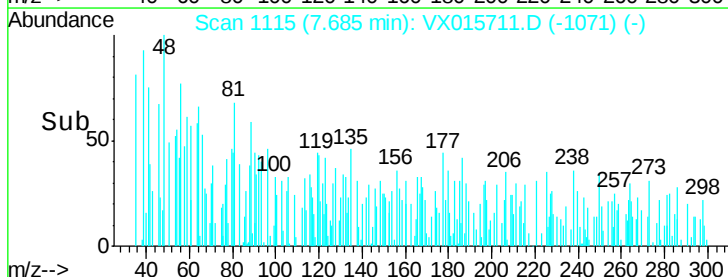
400

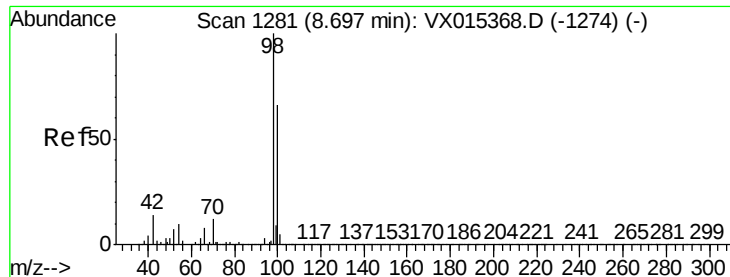
200

0

Time-->

7.66 7.68 7.70 7.72

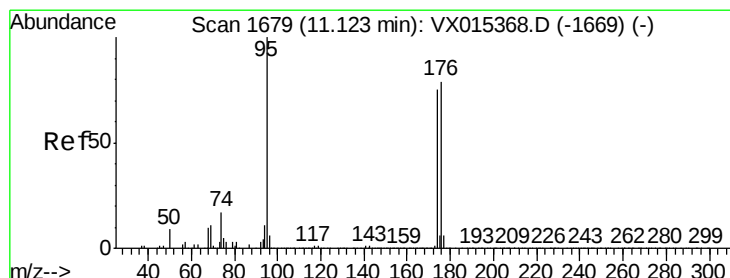
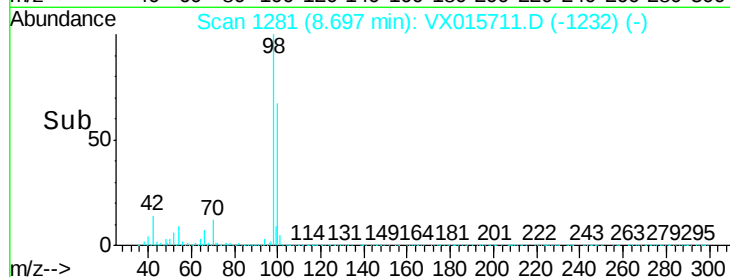
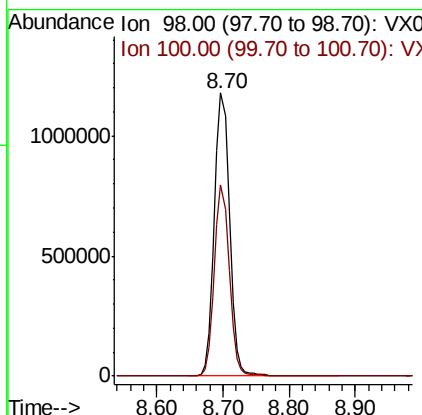
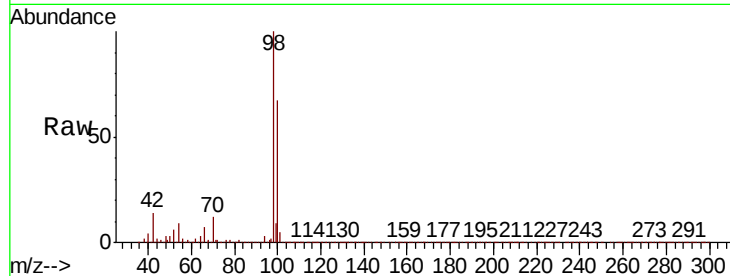




#50
Toluene-d8
Concen: 50.642 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015711.D
Acq: 16 Apr 2020 14:52

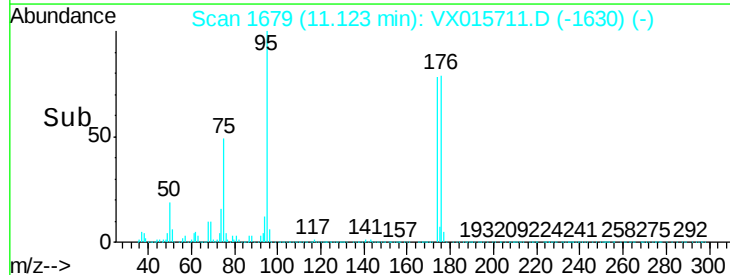
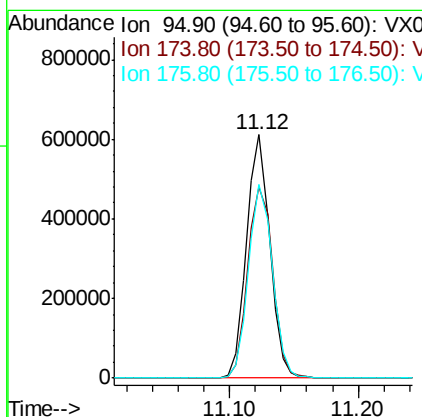
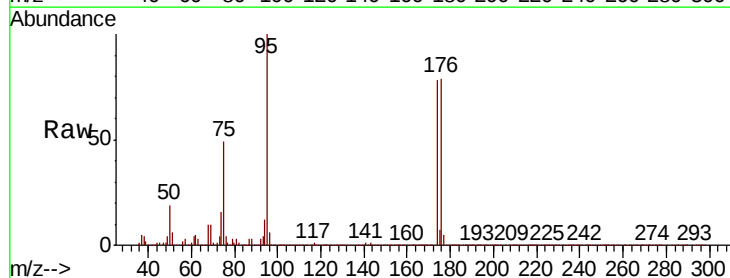
Instrument :
MSVOA_X
ClientSampleId :
Z3-TB5-200413

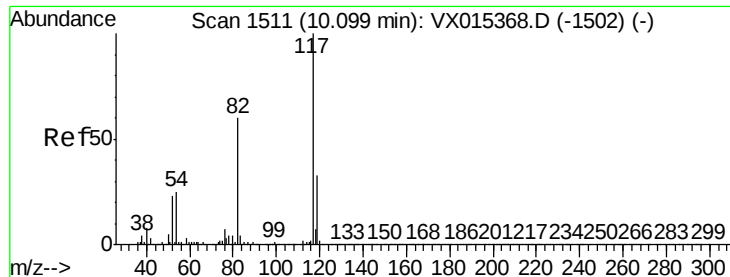
Tot Ion: 98 Resp: 1884199
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.221 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015711.D
Acq: 16 Apr 2020 14:52

Tgt Ion: 95 Resp: 759370
Ion Ratio Lower Upper
95 100
174 84.6 0.0 158.6
176 82.2 0.0 159.0

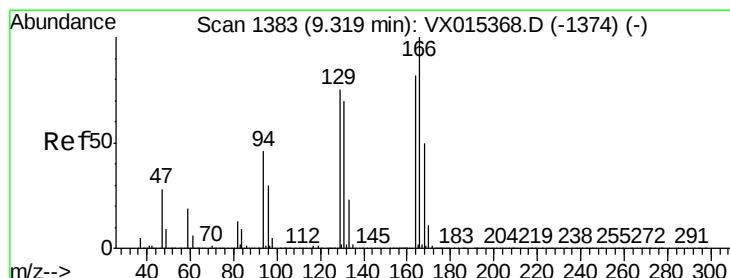
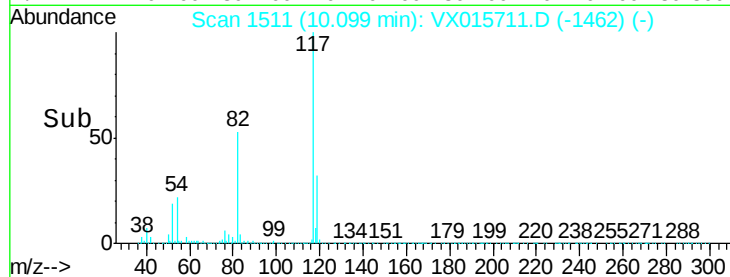
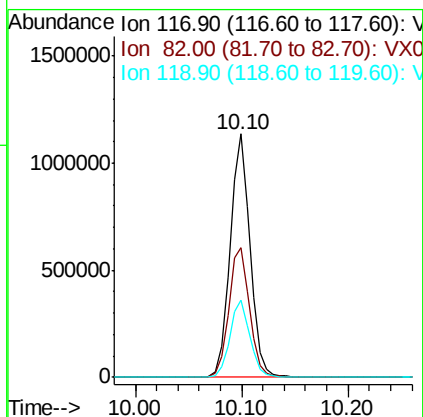
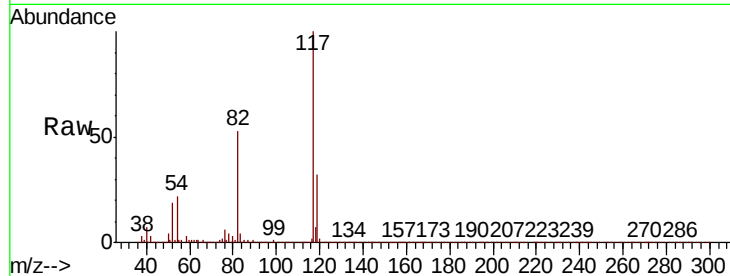




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015711.D
Acq: 16 Apr 2020 14:52

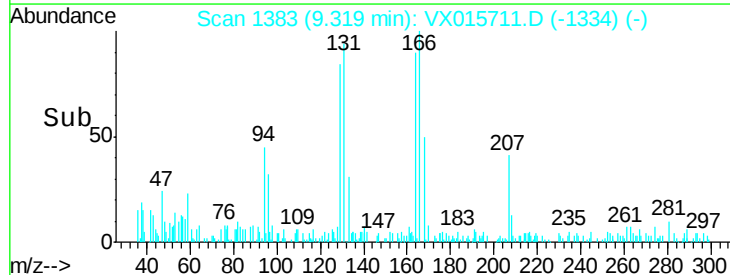
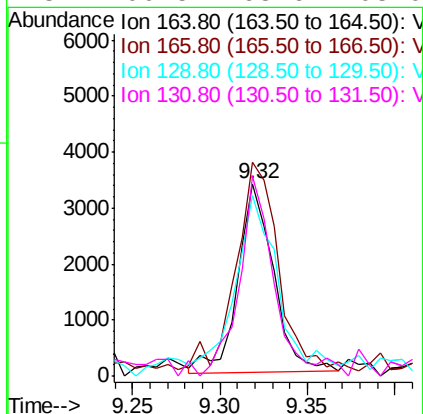
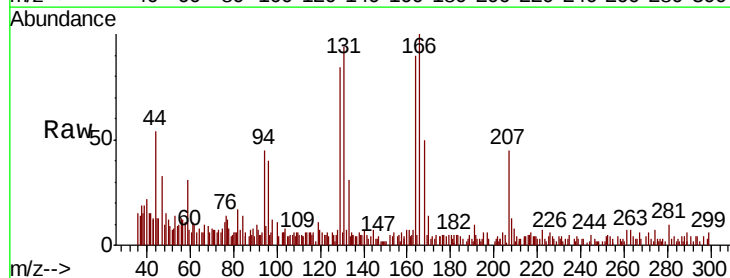
Instrument :
MSVOA_X
ClientSampled :
Z3-TB5-200413

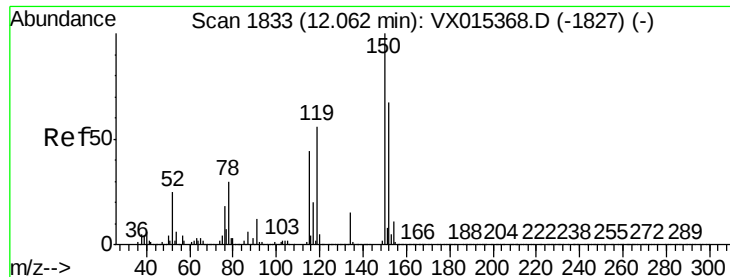
Tot Ion:117 Resp: 1487914
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.8
119 31.8 26.8 40.2



#64
Tetrachloroethene
Concen: 0.433 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015711.D
Acq: 16 Apr 2020 14:52

Tgt Ion:164 Resp: 4859
Ion Ratio Lower Upper
164 100
166 108.6 97.8 146.6
129 88.0 73.0 109.4
131 100.5 68.6 103.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB5-200413

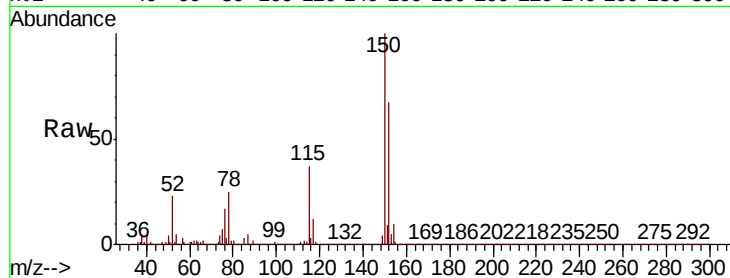
Tot Ion:152 Resp: 793673

Ion Ratio Lower Upper

152 100

115 56.1 39.0 116.9

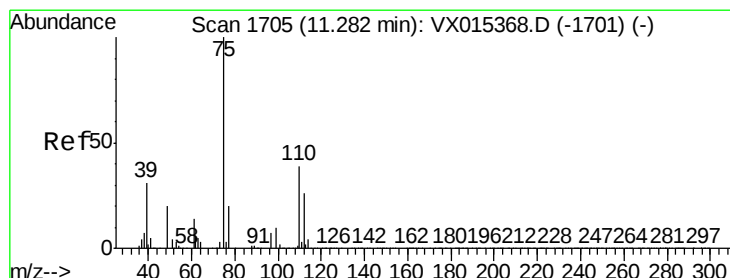
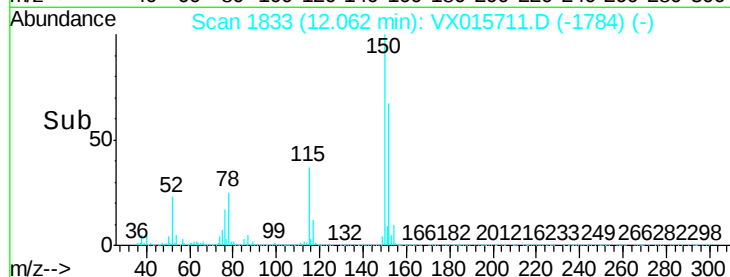
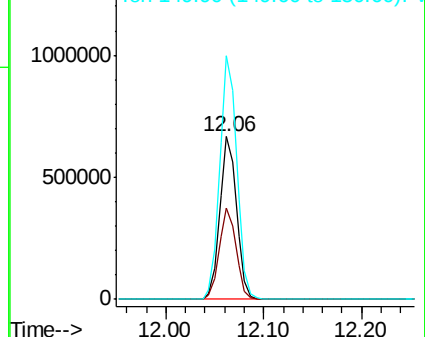
150 152.3 0.0 340.8



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: 23.435 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015711.D

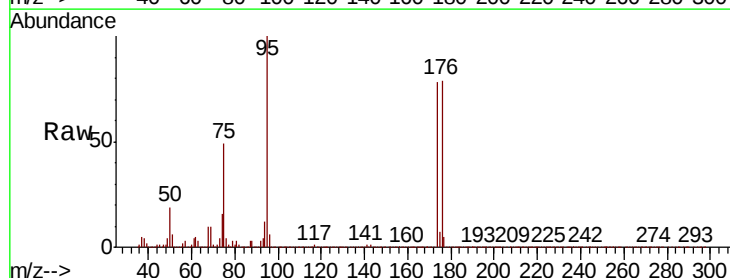
Acq: 16 Apr 2020 14:52

Tgt Ion: 75 Resp: 382485

Ion Ratio Lower Upper

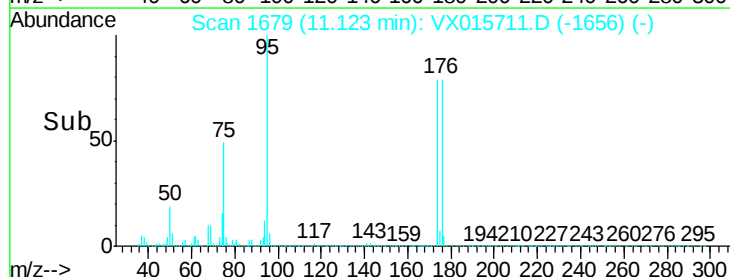
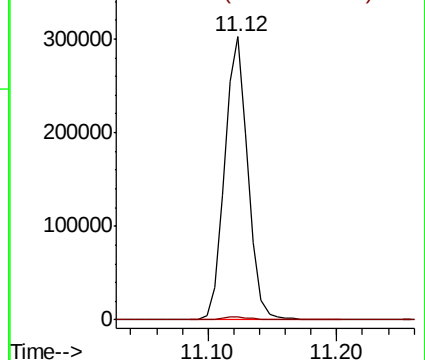
75 100

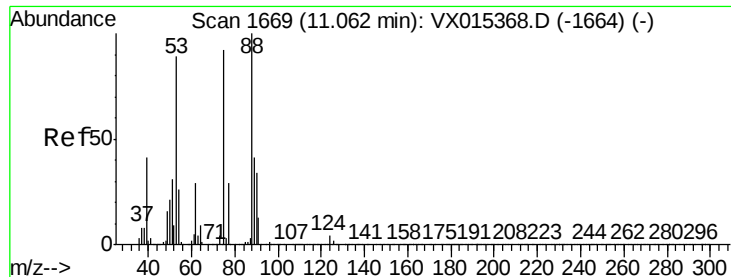
77 1.1 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 56.231 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB5-200413

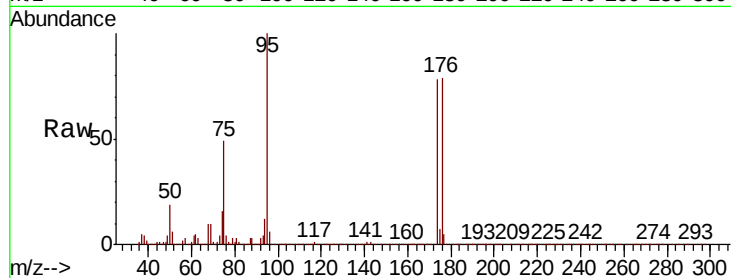
Tot Ion: 75 Resp: 382485

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.1 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

