

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016521.D
 Acq On : 01 Jun 2020 12:20
 Operator : JC/SP
 Sample : L2801-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB3-200528

Quant Time: Jun 02 01:46:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	289567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	469867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244669	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	167213	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
35) Dibromofluoromethane	5.47	113	132463	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
50) Toluene-d8	8.70	98	575518	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.12	95	239207	54.98	ug/l	0.00
Spiked Amount			Recovery	=	109.96%	

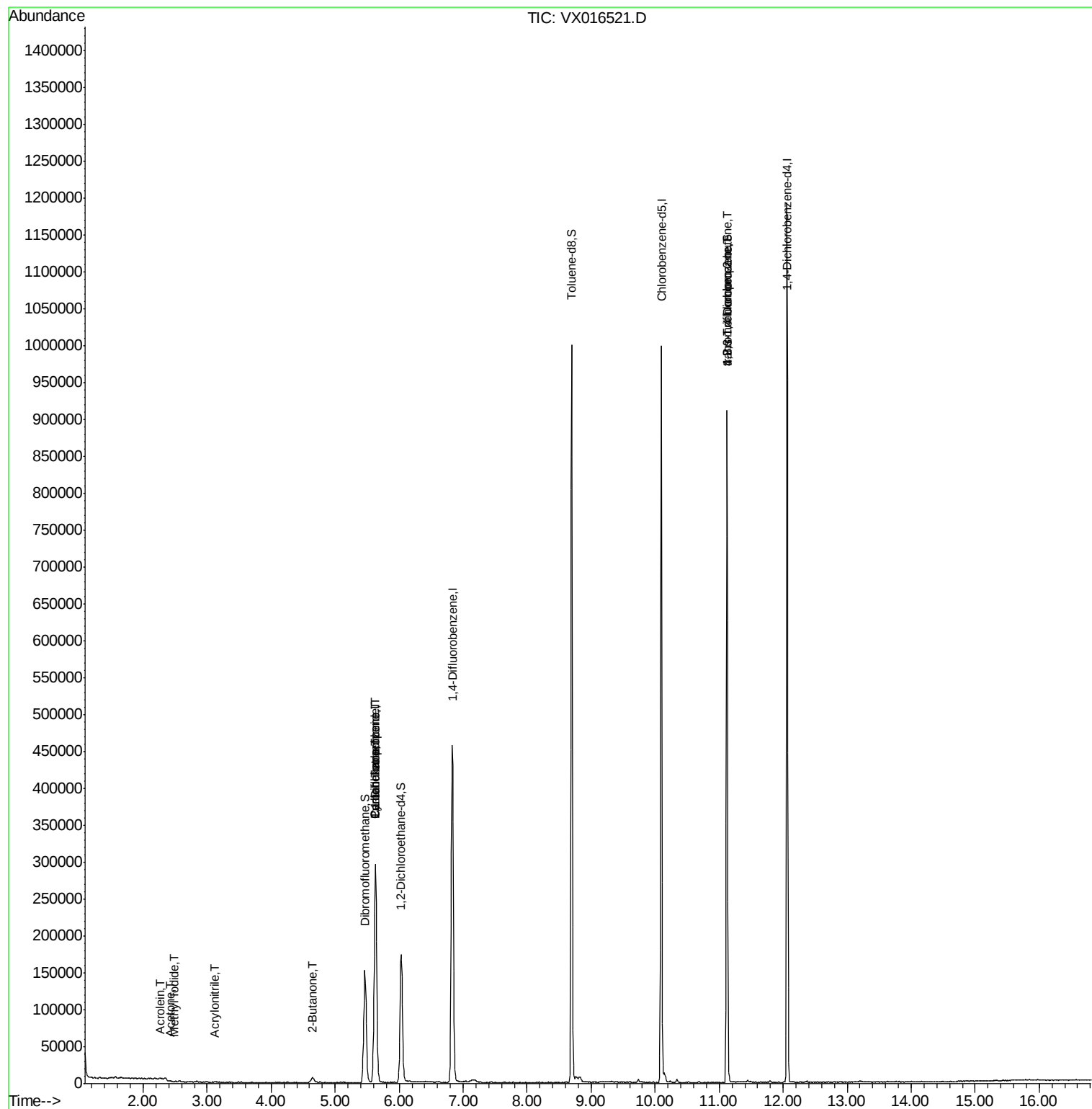
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.49	142	230	3.124	ug/l #	89
13) Acrolein	2.27	56	410	1.045	ug/l #	40
15) Acrylonitrile	3.11	53	388	0.205	ug/l	99
16) Acetone	2.42	43	673	0.427	ug/l #	86
25) 2-Butanone	4.64	43	820	0.307	ug/l #	49
31) Cyclohexane	5.63	56	5171	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	21145	4.753	ug/l #	50
38) Carbon Tetrachloride	5.64	117	28195	6.031	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	118176	21.974	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	118176	54.053	ug/l #	14

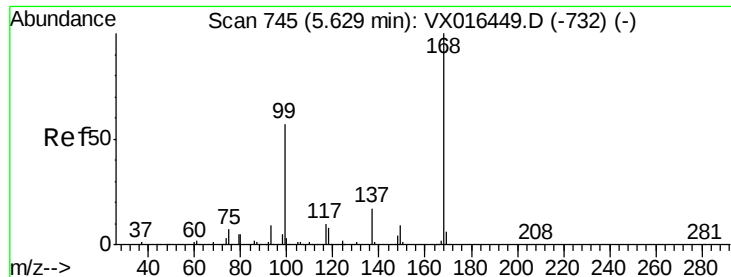
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
Data File : VX016521.D
Acq On : 01 Jun 2020 12:20
Operator : JC/SP
Sample : L2801-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
Z5-TB3-200528

Quant Time: Jun 02 01:46:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

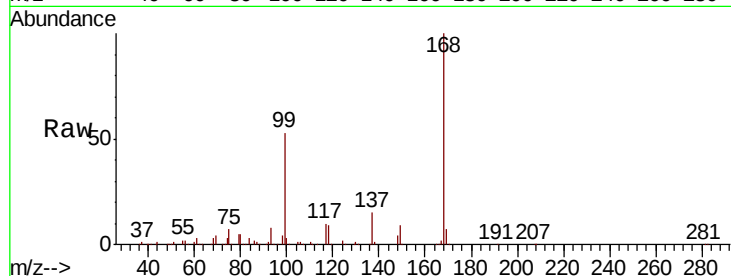
Z5-TB3-200528

Tot Ion:168 Resp: 289567

Ion Ratio Lower Upper

168 100

99 52.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

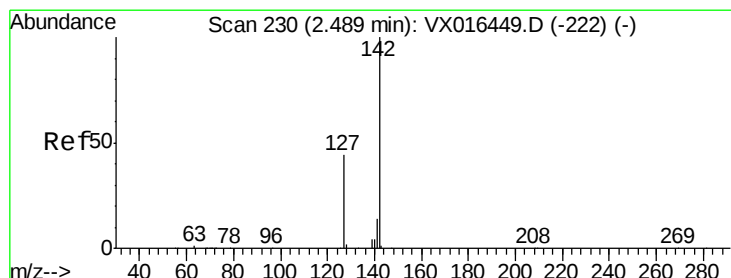
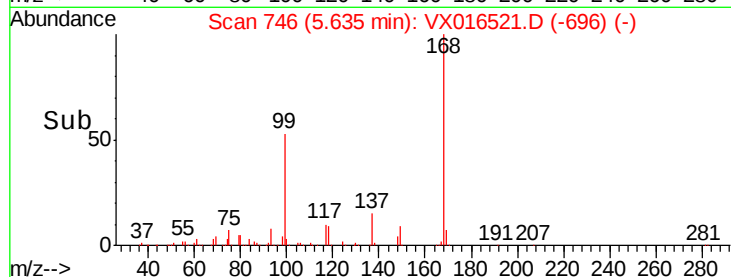
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 3.124 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

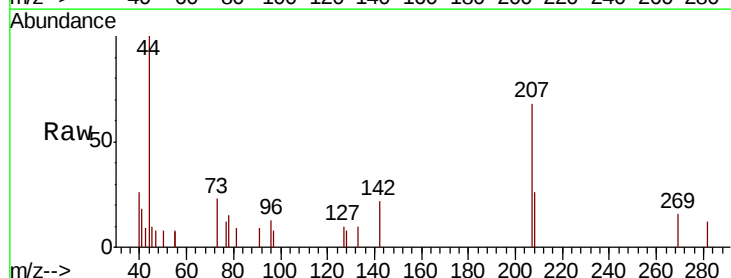
Tgt Ion:142 Resp: 230

Ion Ratio Lower Upper

142 100

127 46.5 35.3 52.9

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

200

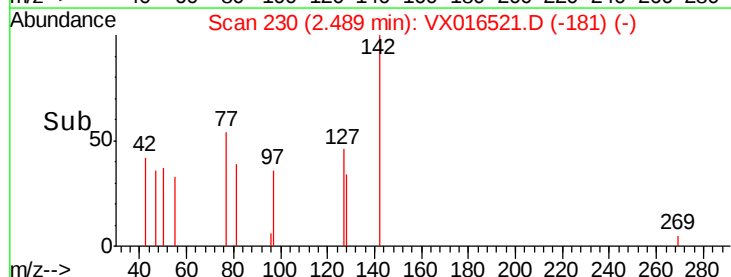
150

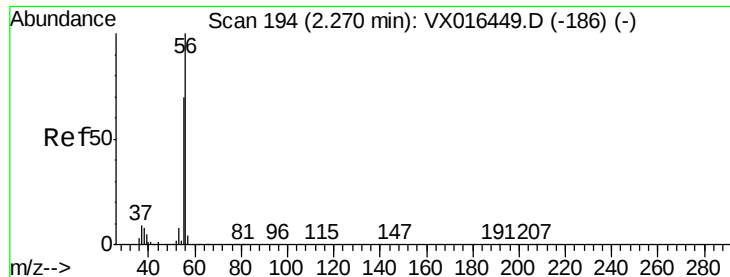
100

50

0

Time-->





#13

Acrolein

Concen: 1.045 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

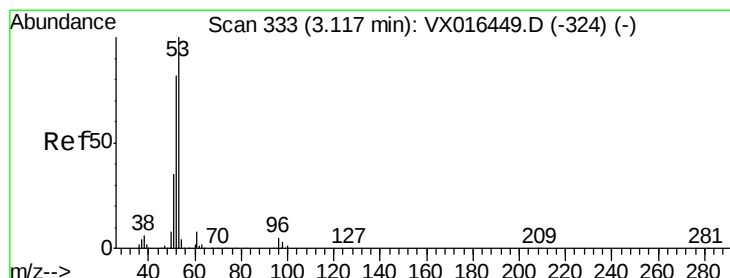
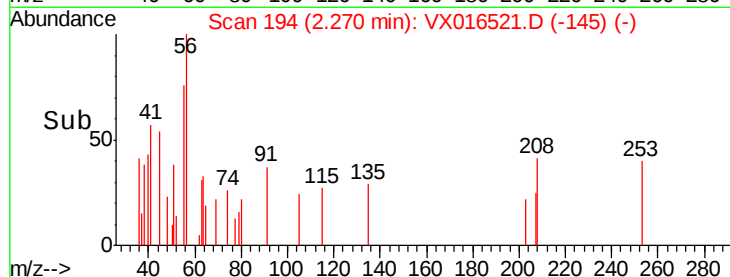
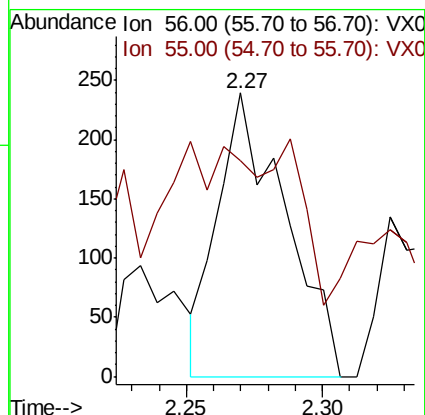
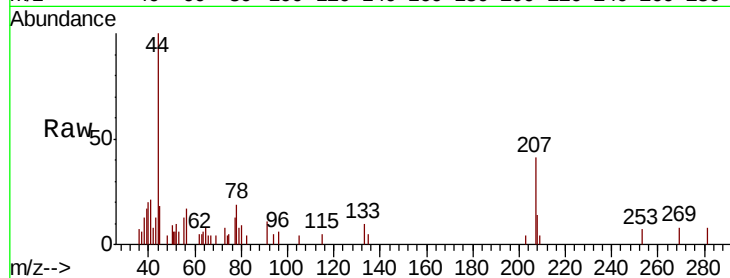
Z5-TB3-200528

Tot Ion: 56 Resp: 410

Ion Ratio Lower Upper

56 100

55 22.9 58.3 87.5#



#15

Acrylonitrile

Concen: 0.205 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

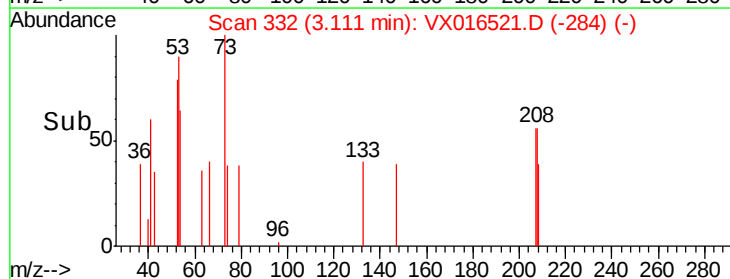
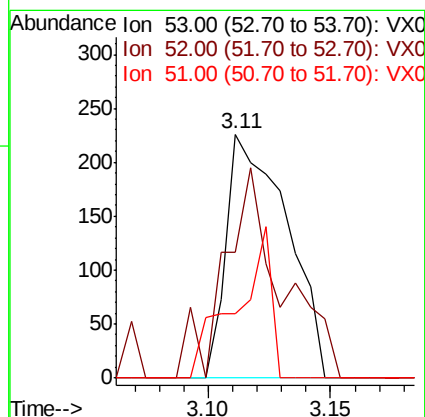
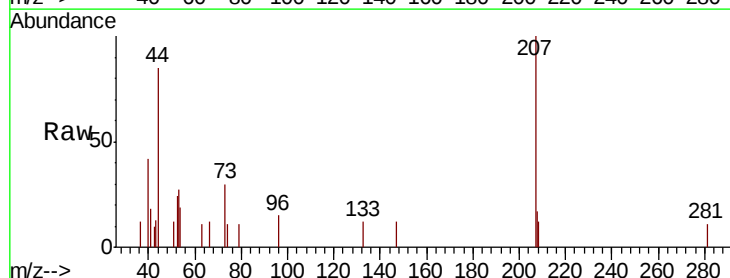
Tgt Ion: 53 Resp: 388

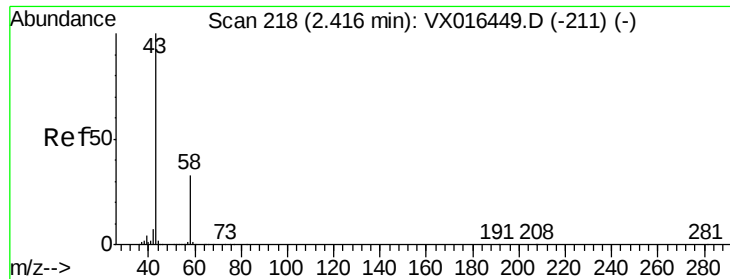
Ion Ratio Lower Upper

53 100

52 82.5 66.7 100.1

51 36.6 28.6 43.0





#16

Acetone

Concen: 0.427 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

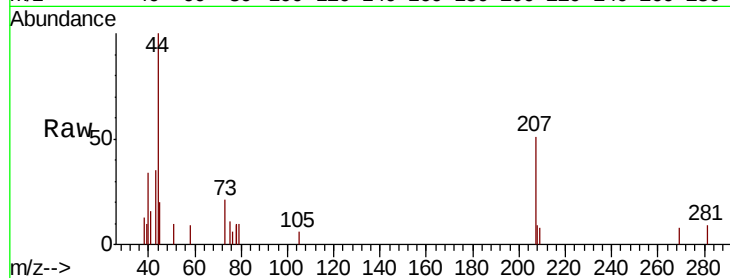
Z5-TB3-200528

Tot Ion: 43 Resp: 673

Ion Ratio Lower Upper

43 100

58 25.0 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

300

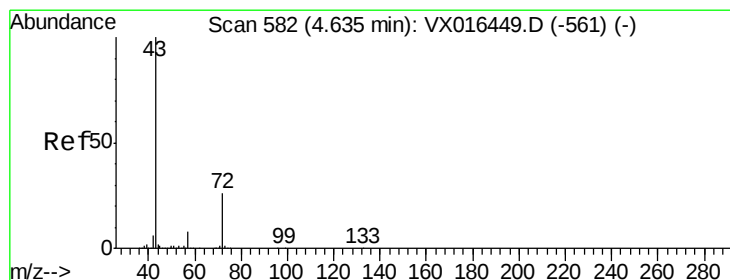
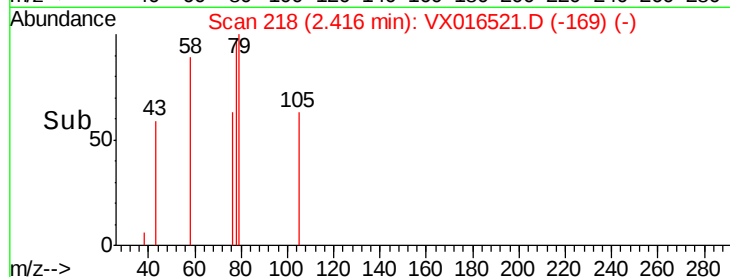
200

100

0

2.40 2.45

Time-->



#25

2-Butanone

Concen: 0.307 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016521.D

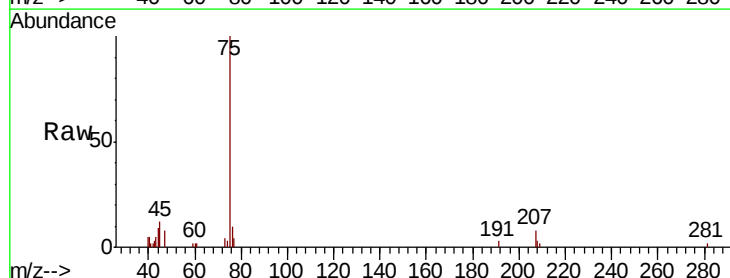
Acq: 01 Jun 2020 12:20

Tgt Ion: 43 Resp: 820

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

300

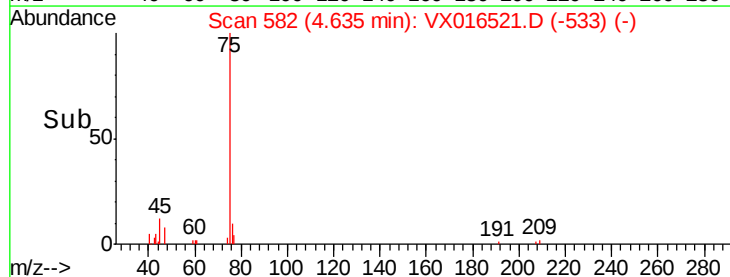
200

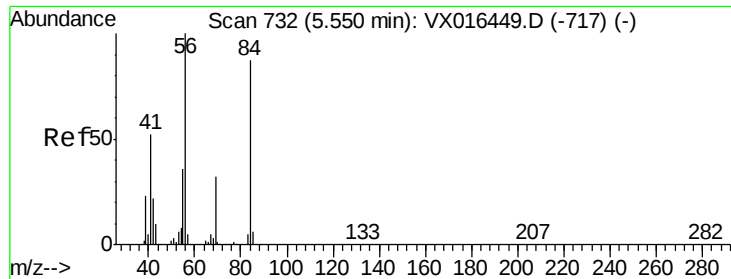
100

0

4.55 4.60 4.65 4.70 4.75

Time-->

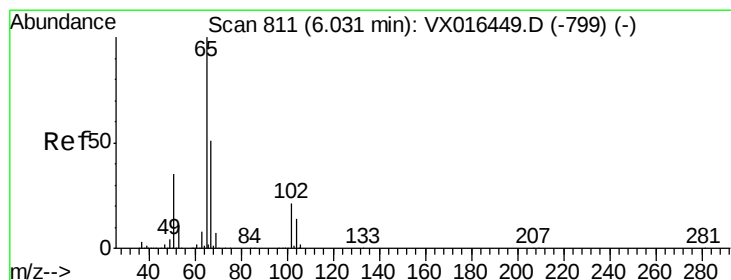
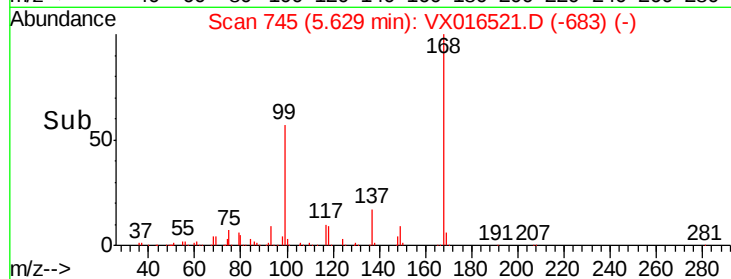
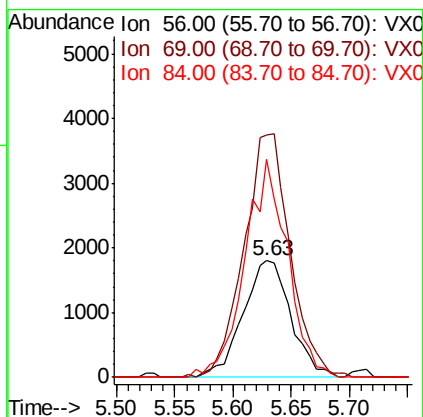
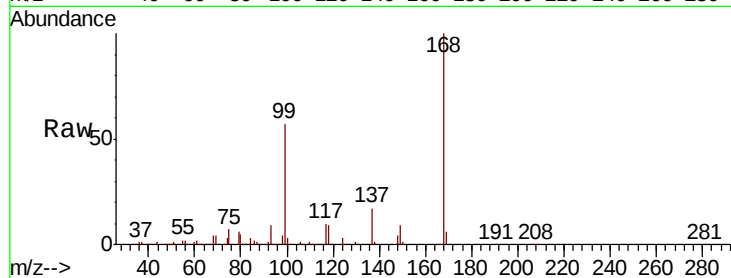




#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016521.D
Acq: 01 Jun 2020 12:20

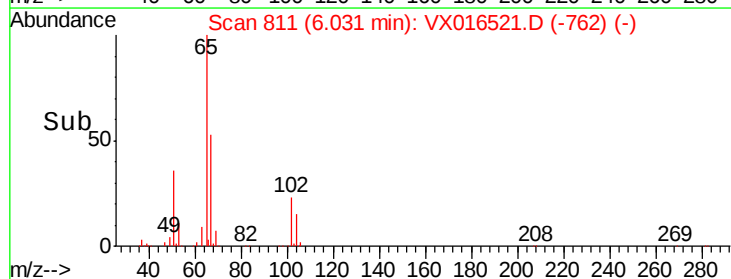
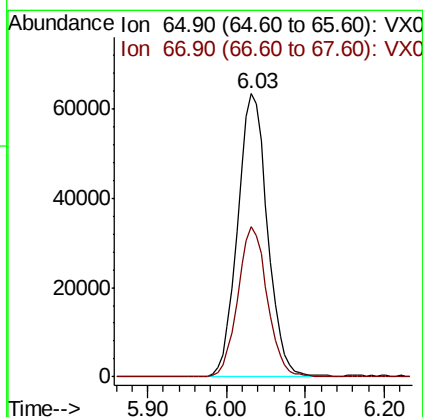
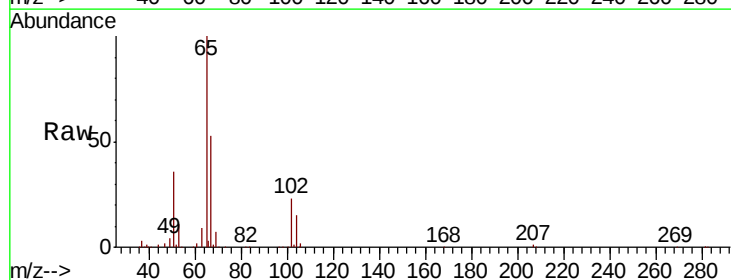
Instrument :
MSVOA_X
ClientSampleId :
Z5-TB3-200528

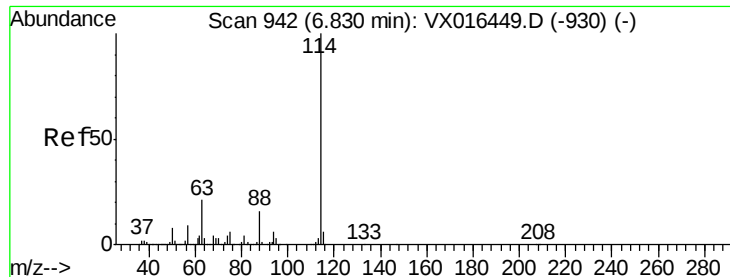
Tot Ion: 56 Resp: 5171
Ion Ratio Lower Upper
56 100
69 205.6 25.7 38.5#
84 187.3 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 46.499 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016521.D
Acq: 01 Jun 2020 12:20

Tgt Ion: 65 Resp: 167213
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

Z5-TB3-200528

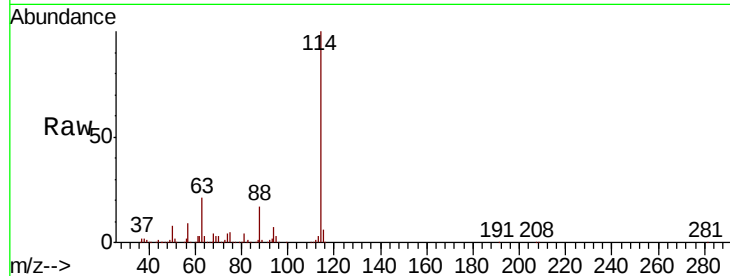
Tot Ion:114 Resp: 469867

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

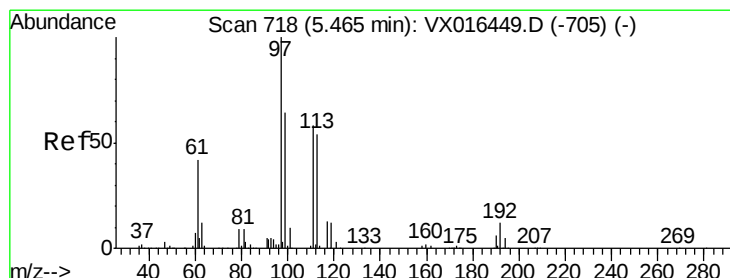
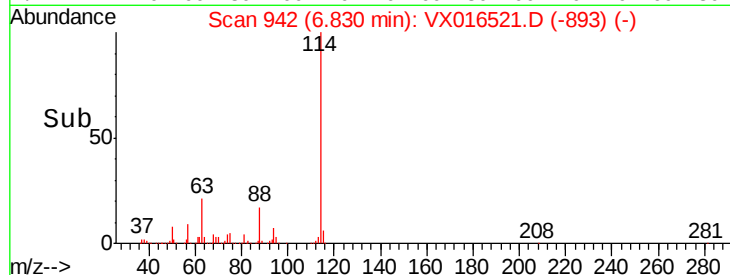
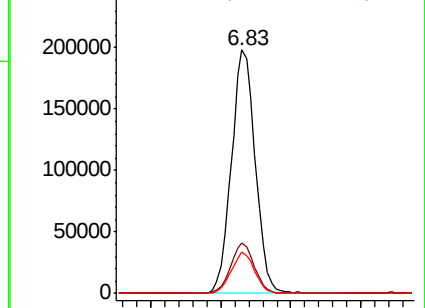
88 17.2 0.0 32.8



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: 45.785 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

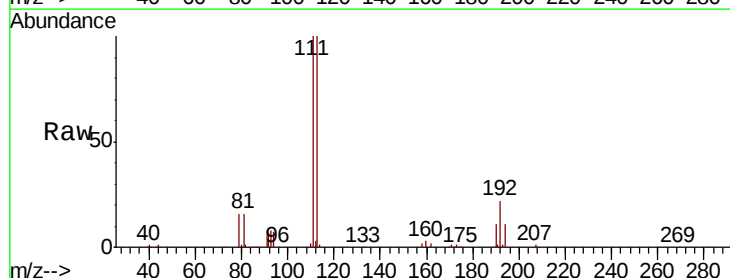
Tgt Ion:113 Resp: 132463

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

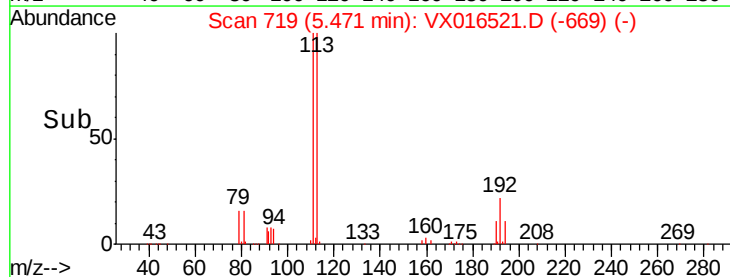
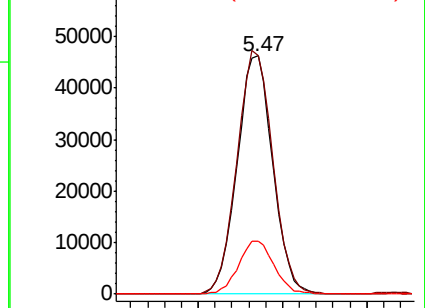
192 22.2 17.7 26.5

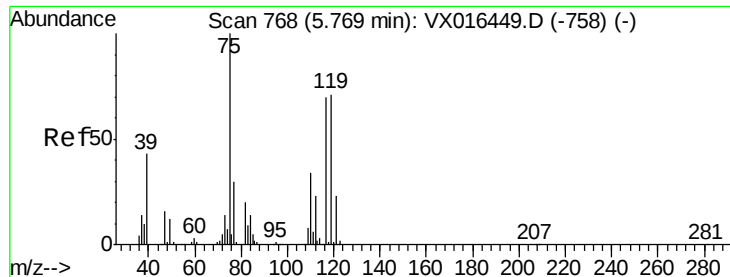


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

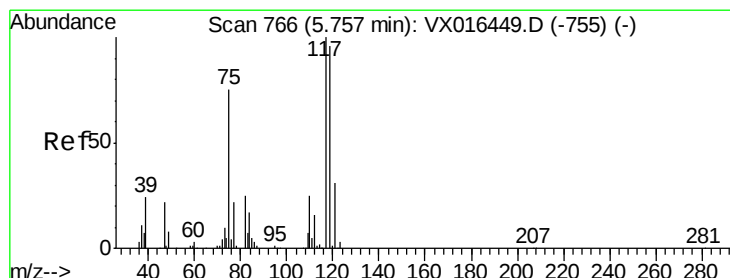
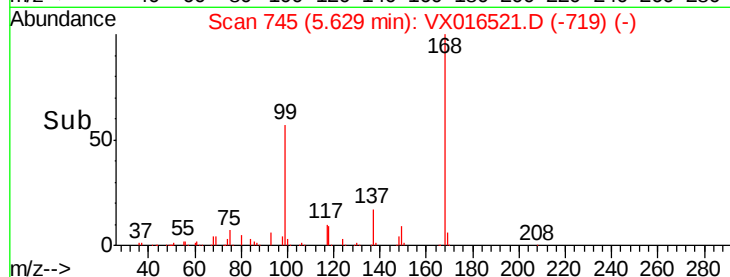
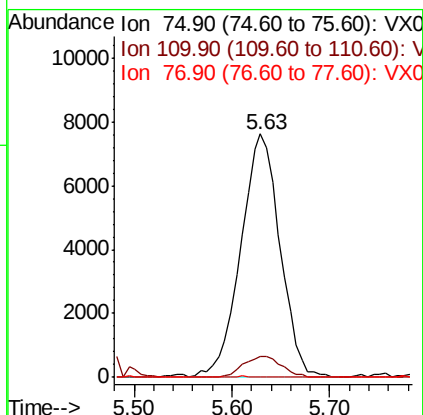
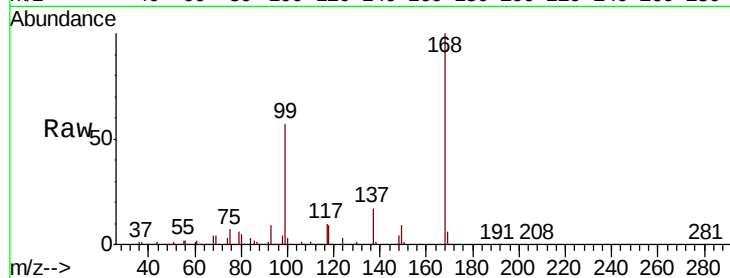




#36
 1,1-Dichloropropene
 Concen: 4.753 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016521.D
 Acq: 01 Jun 2020 12:20

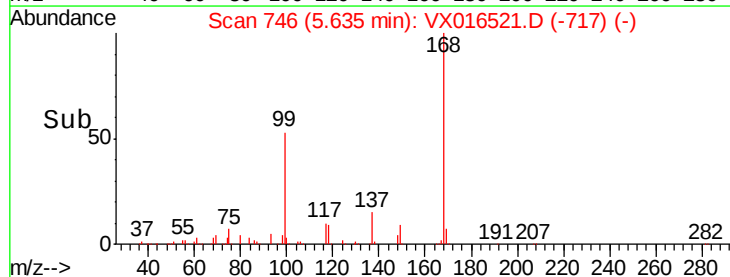
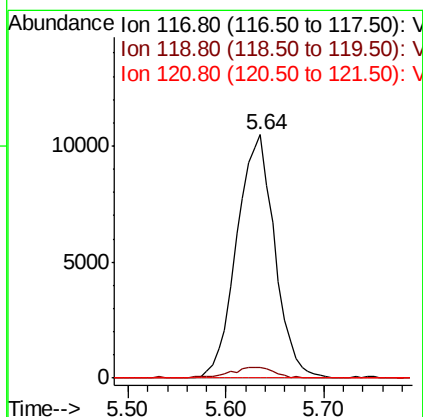
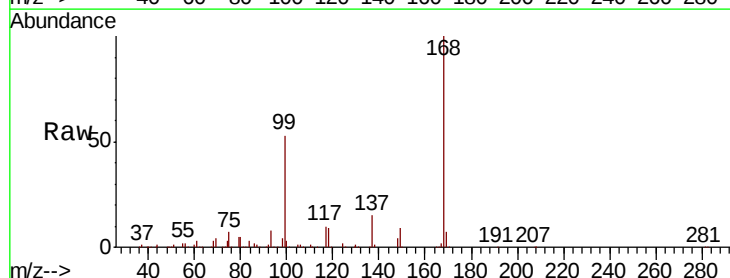
Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB3-200528

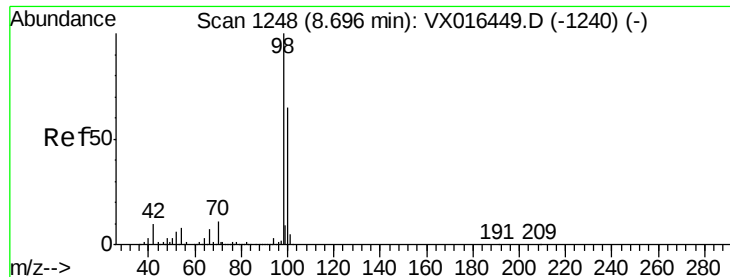
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.4	52.3#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 6.031 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX016521.D
 Acq: 01 Jun 2020 12:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.3	114.5#
121	0.0	24.6	37.0#





#50

Toluene-d8

Concen: 51.108 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

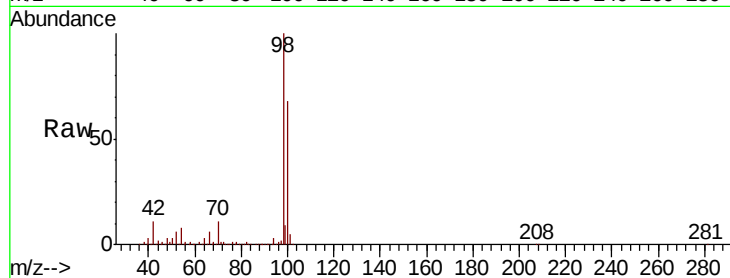
Z5-TB3-200528

Tot Ion: 98 Resp: 575518

Ion Ratio Lower Upper

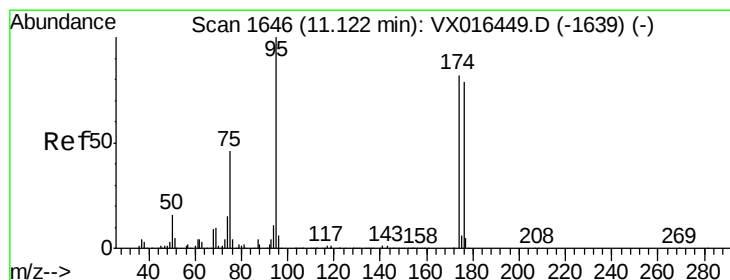
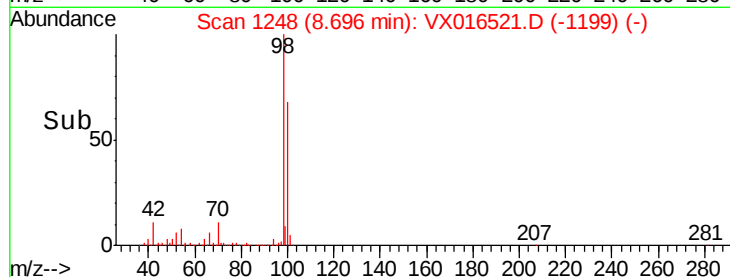
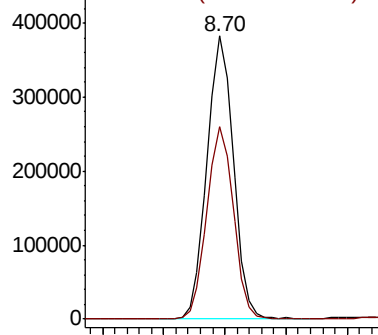
98 100

100 68.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 54.975 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

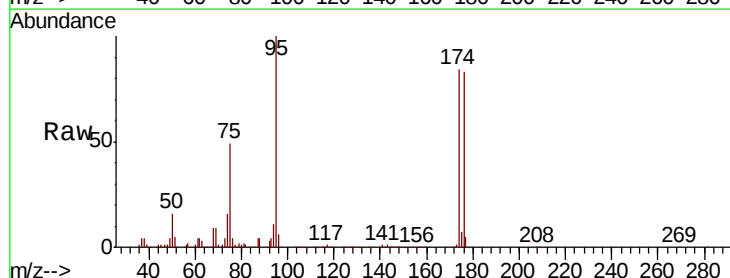
Tgt Ion: 95 Resp: 239207

Ion Ratio Lower Upper

95 100

174 82.0 0.0 163.0

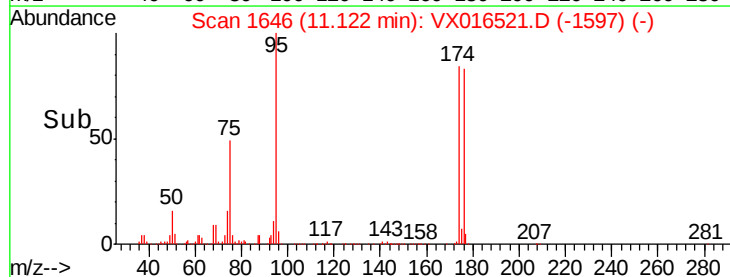
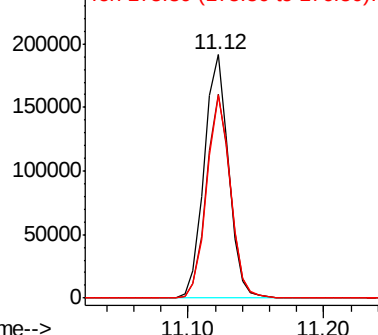
176 81.4 0.0 156.8

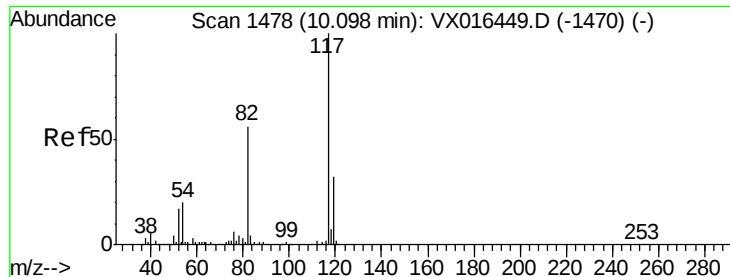


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

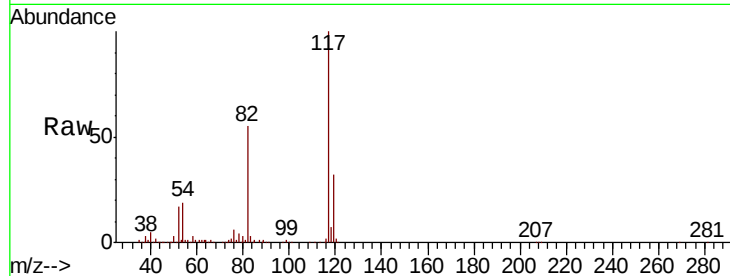




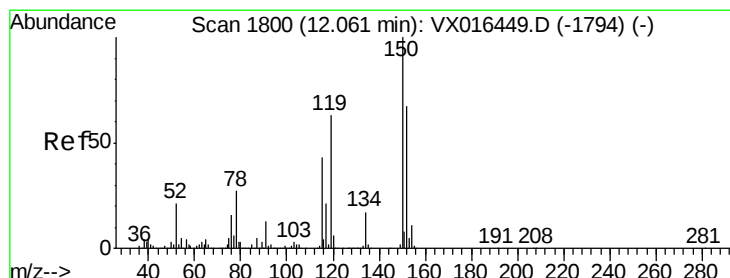
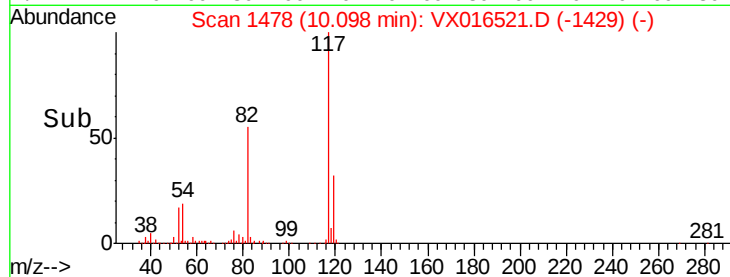
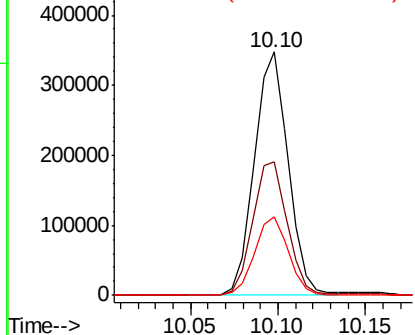
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016521.D
Acq: 01 Jun 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
Z5-TB3-200528

Tot Ion:117 Resp: 466378
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.6
119 32.1 25.8 38.8

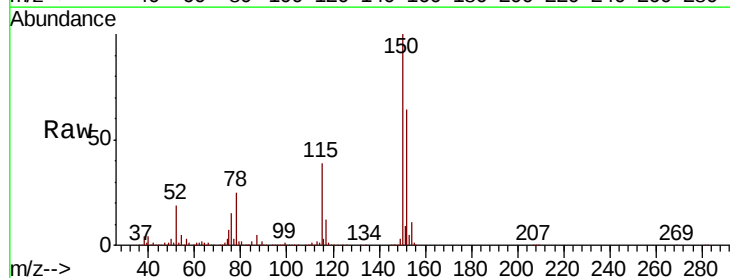


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

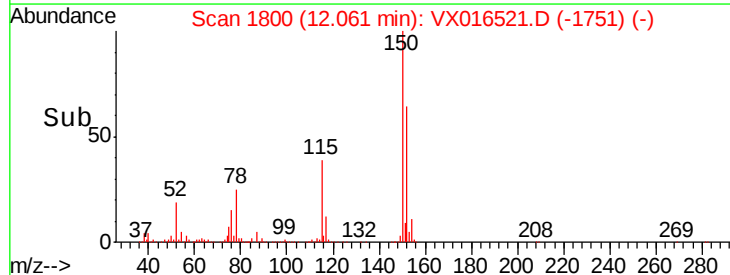
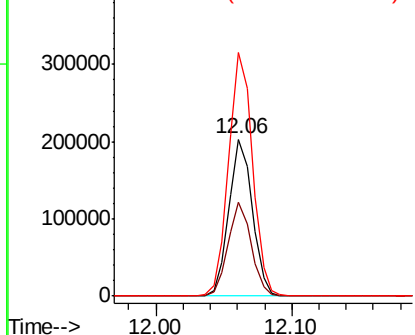


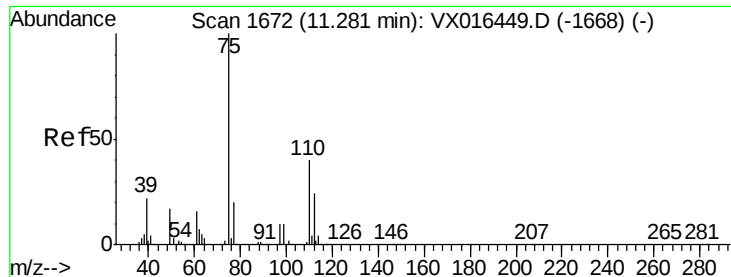
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016521.D
Acq: 01 Jun 2020 12:20

Tgt Ion:152 Resp: 244669
Ion Ratio Lower Upper
152 100
115 59.0 39.9 119.6
150 157.7 0.0 341.0



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: 21.974 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

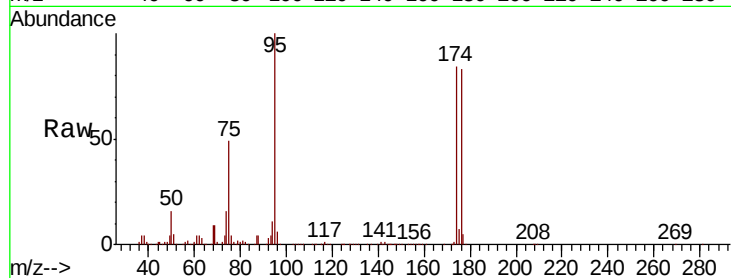
Z5-TB3-200528

Tot Ion: 75 Resp: 118176

Ion Ratio Lower Upper

75 100

77 1.3 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

100000

80000

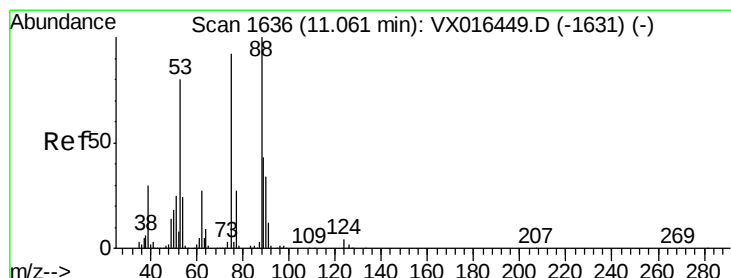
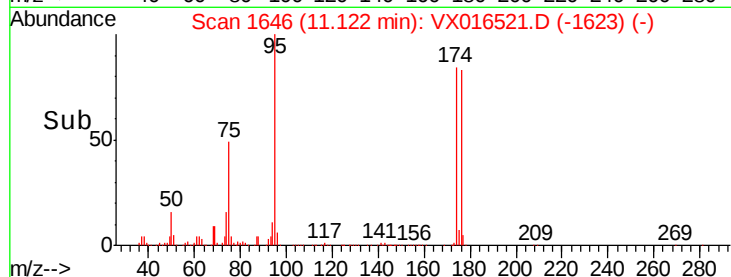
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 54.053 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016521.D

Acq: 01 Jun 2020 12:20

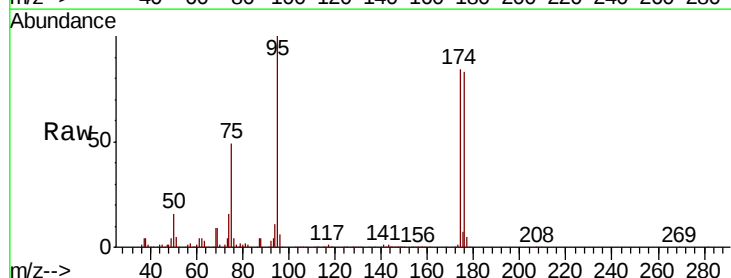
Tgt Ion: 75 Resp: 118176

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 36.6 55.0#



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

11.12

120000

100000

80000

60000

40000

20000

0

Time-->

