

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016487.D
 Acq On : 28 May 2020 15:54
 Operator : JC/SP
 Sample : L2778-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-TB5-200526

Quant Time: May 29 03:39:28 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	283354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	468344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	457257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230913	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	172866	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
35) Dibromofluoromethane	5.47	113	135496	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
50) Toluene-d8	8.70	98	578639	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.12	95	230640	53.18	ug/l	0.00
Spiked Amount			Recovery	=	106.36%	

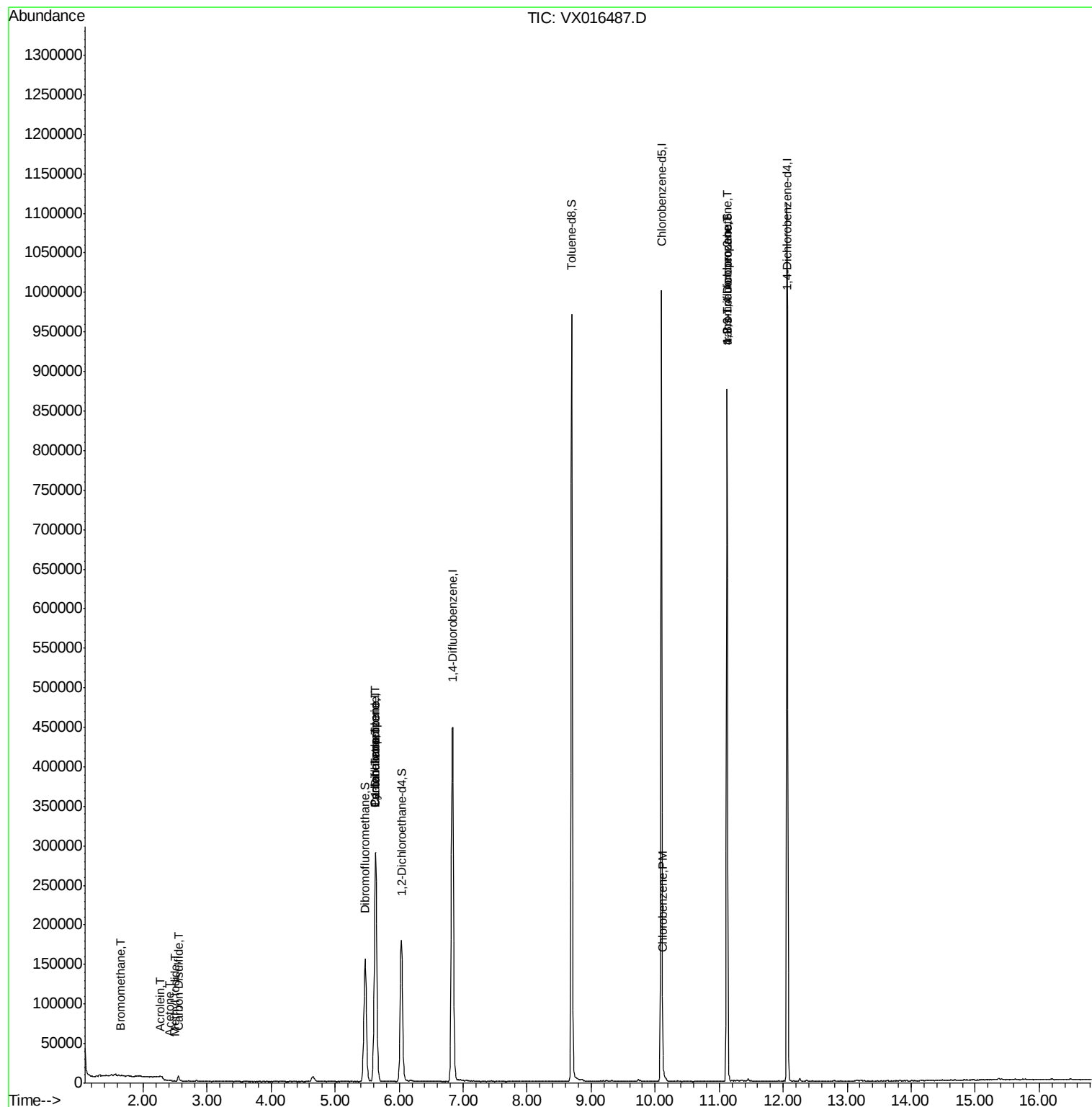
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	362	0.209	ug/l #	44
10) Methyl Iodide	2.50	142	39	3.067	ug/l #	40
13) Acrolein	2.26	56	445	1.159	ug/l #	39
16) Acetone	2.42	43	796	0.516	ug/l #	42
17) Carbon Disulfide	2.55	76	8003	0.988	ug/l	96
31) Cyclohexane	5.63	56	5299	1.083	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	21873	4.933	ug/l #	51
38) Carbon Tetrachloride	5.64	117	27272	5.852	ug/l #	15
65) Chlorobenzene	10.12	112	1936	0.208	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	111637	21.995	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	111637	54.104	ug/l #	14

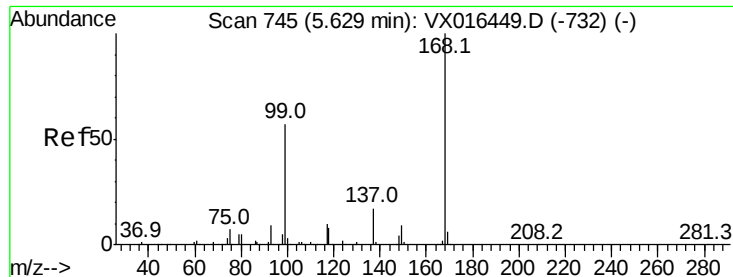
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052820\
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MSVOA_X
ClientSampled :
Z2-TB5-200526

Quant Time: May 29 03:39:28 2020
Quant Method : Z:\V0ASRV\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: VX016487.D

Acq: 28 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

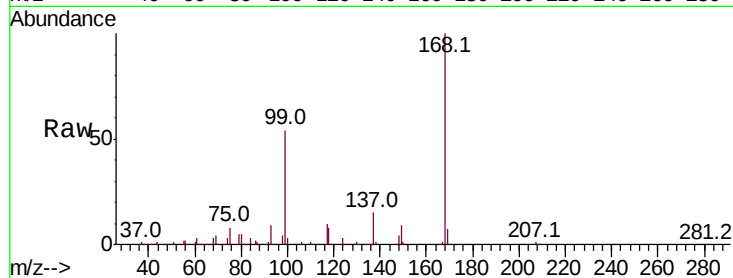
Z2-TB5-200526

Tot Ion:168 Resp: 283354

Ion Ratio Lower Upper

168 100

99 53.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

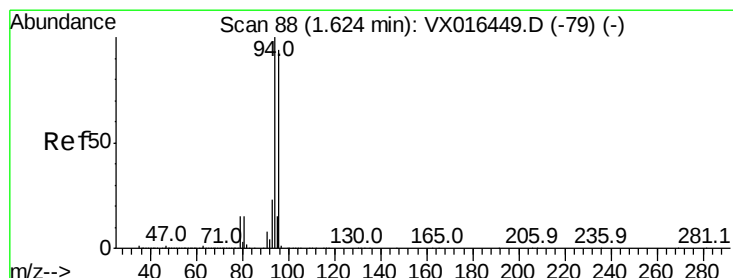
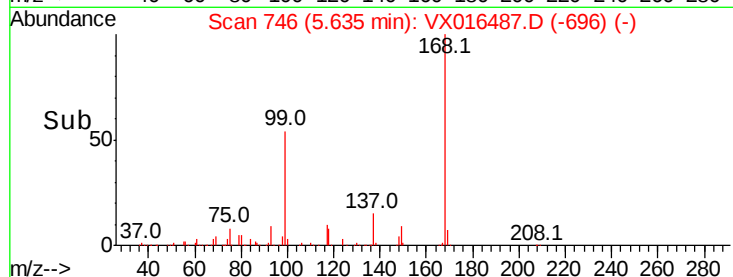
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.209 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016487.D

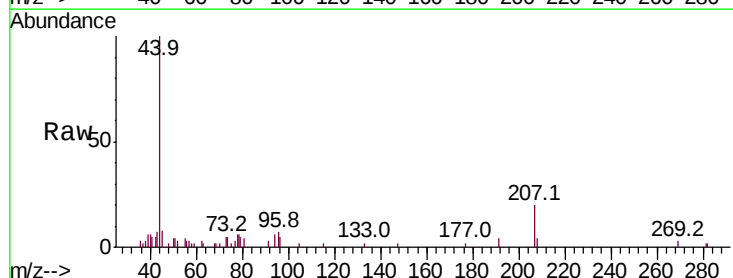
Acq: 28 May 2020 15:54

Tgt Ion: 94 Resp: 362

Ion Ratio Lower Upper

94 100

96 147.9 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

400

300

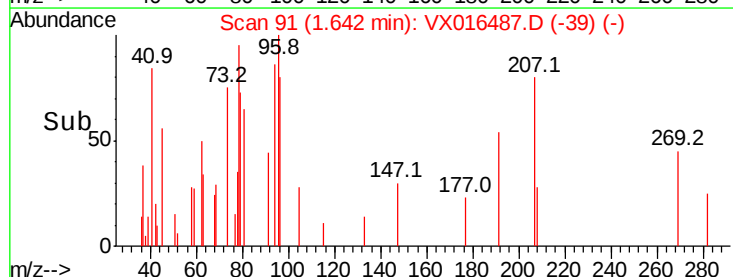
200

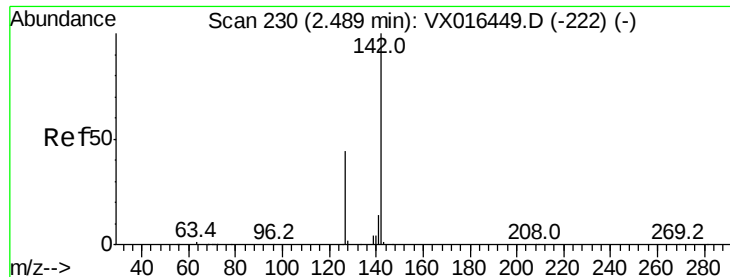
100

0

1.60 1.65

Time-->

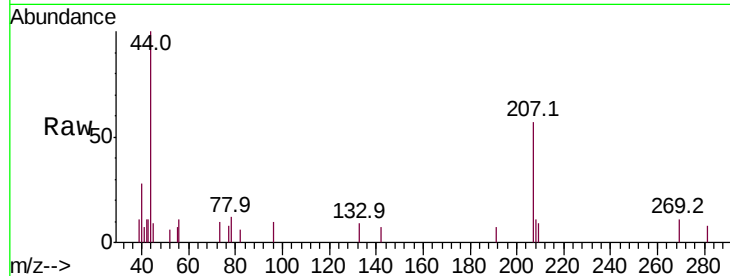




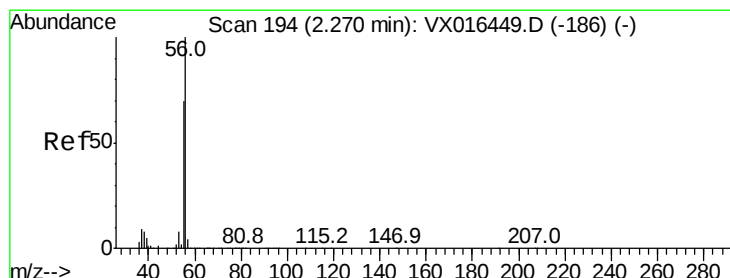
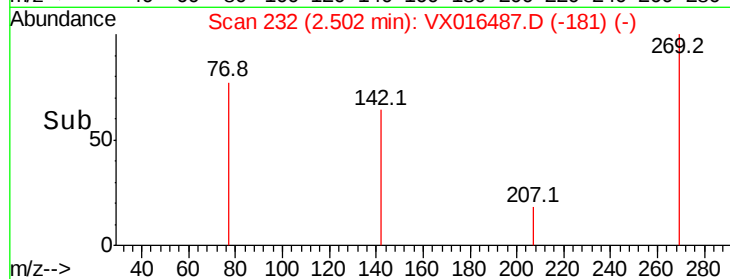
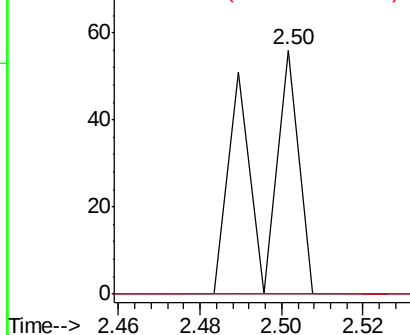
#10
Methyl Iodide
Concen: 3.067 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX016487.D
Acq: 28 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
Z2-TB5-200526

Tot Ion:142 Resp: 39
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.4 17.2#

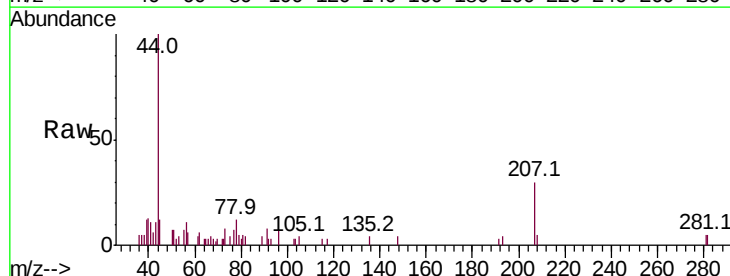


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

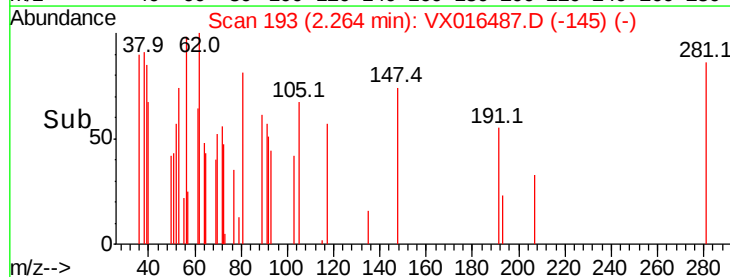
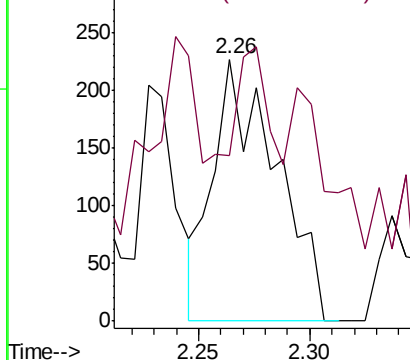


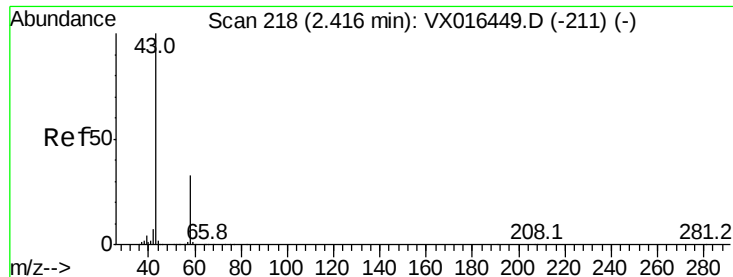
#13
Acrolein
Concen: 1.159 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX016487.D
Acq: 28 May 2020 15:54

Tgt Ion: 56 Resp: 445
Ion Ratio Lower Upper
56 100
55 21.8 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.516 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016487.D

Acq: 28 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

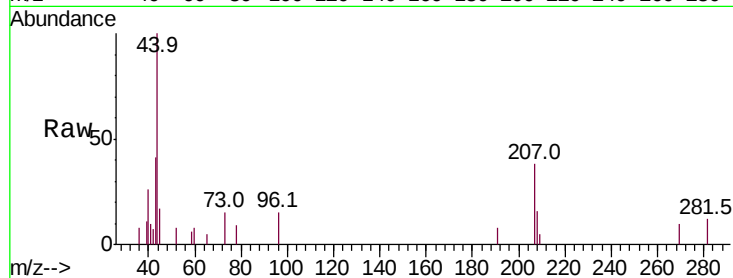
Z2-TB5-200526

Tot Ion: 43 Resp: 796

Ion Ratio Lower Upper

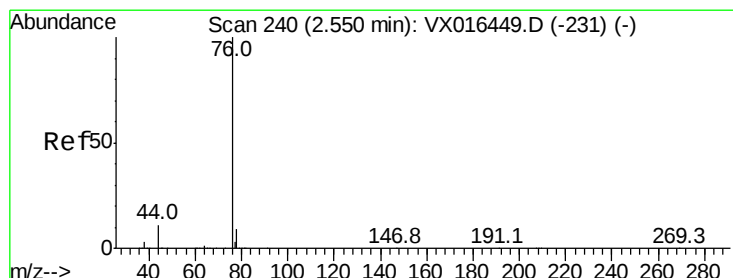
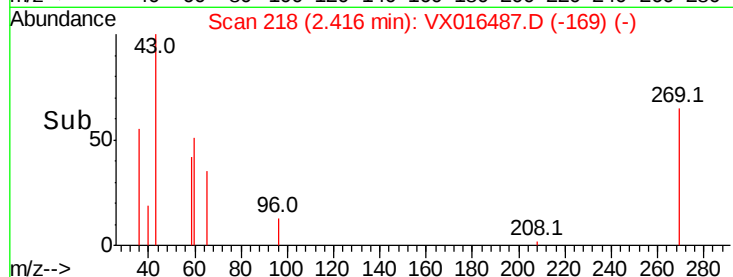
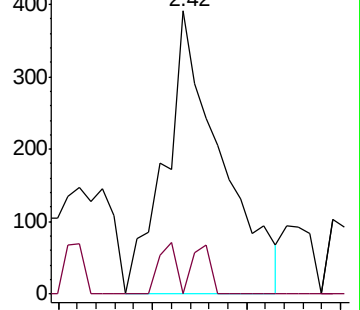
43 100

58 0.0 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.988 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016487.D

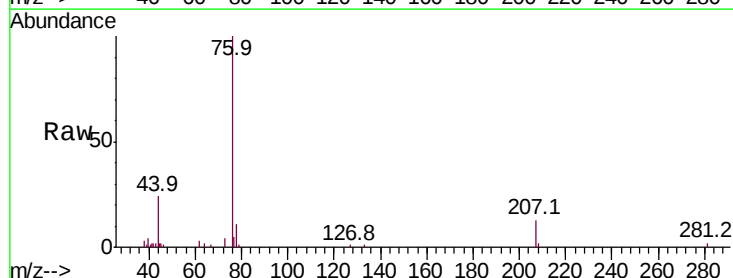
Acq: 28 May 2020 15:54

Tgt Ion: 76 Resp: 8003

Ion Ratio Lower Upper

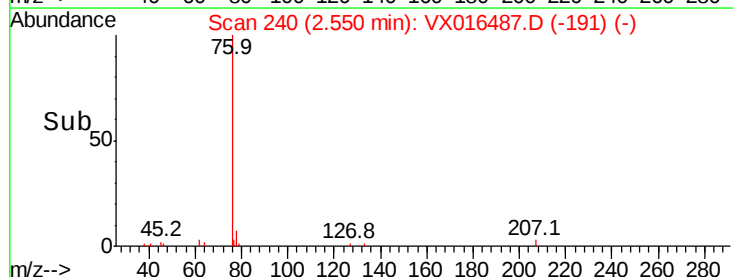
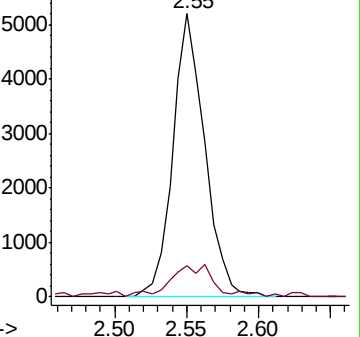
76 100

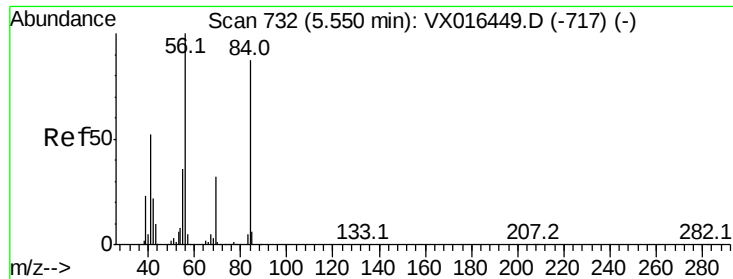
78 10.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

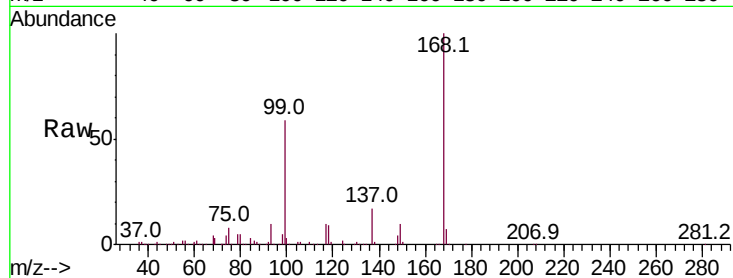




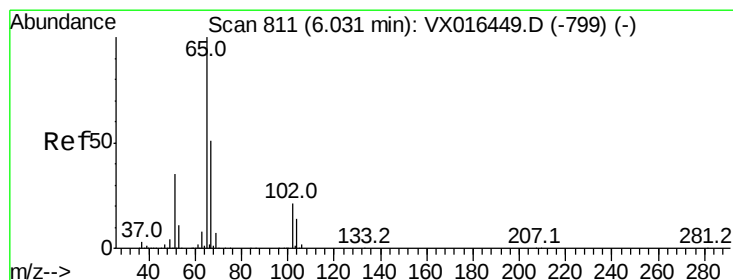
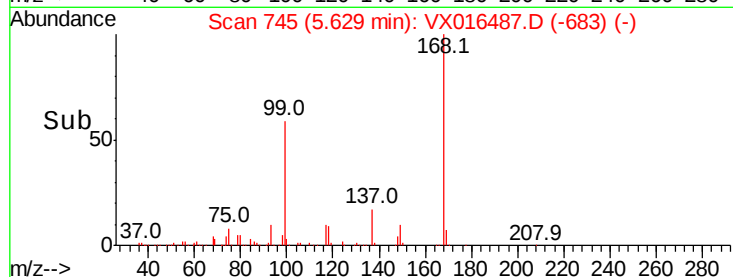
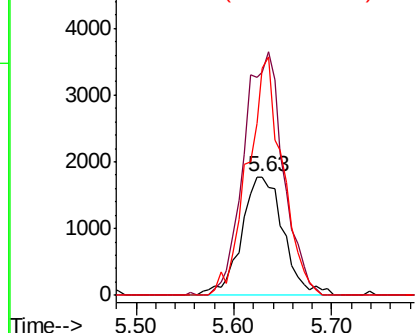
#31
Cyclohexane
Concen: 1.083 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016487.D
Acq: 28 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
Z2-TB5-200526

Tot Ion: 56 Resp: 5299
Ion Ratio Lower Upper
56 100
69 188.7 25.7 38.5#
84 191.5 70.0 105.0#

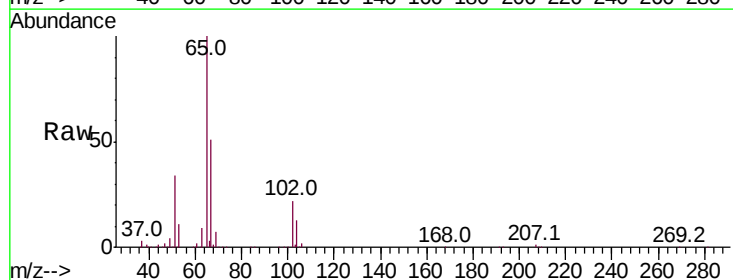


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

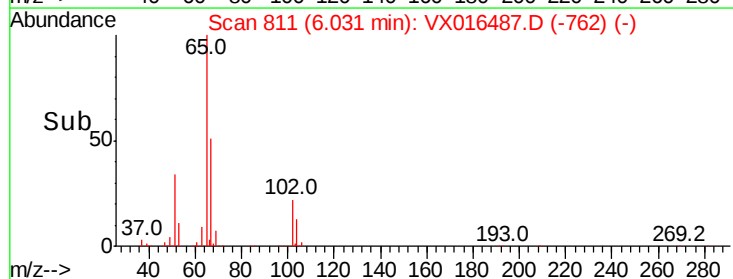
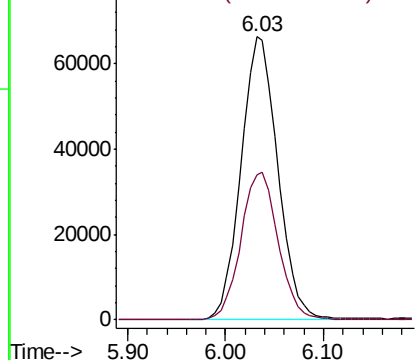


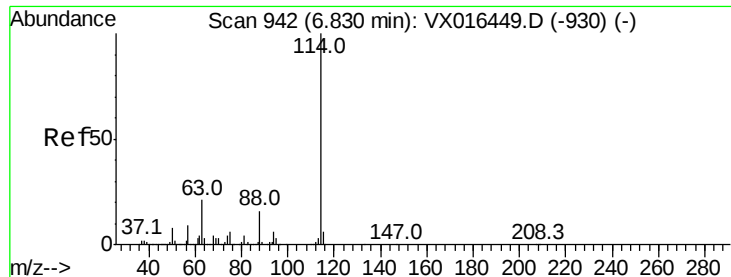
#33
1,2-Dichloroethane-d4
Concen: 49.125 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016487.D
Acq: 28 May 2020 15:54

Tgt Ion: 65 Resp: 172866
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016487.D

Acq: 28 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

Z2-TB5-200526

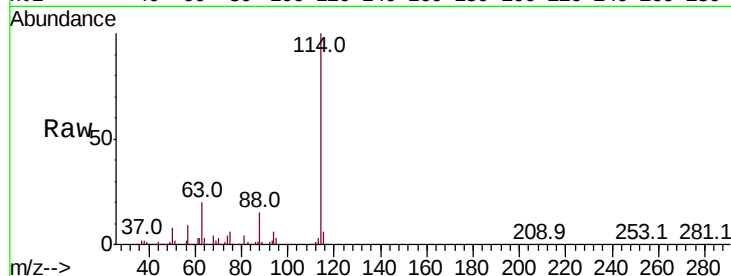
Tot Ion:114 Resp: 468344

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

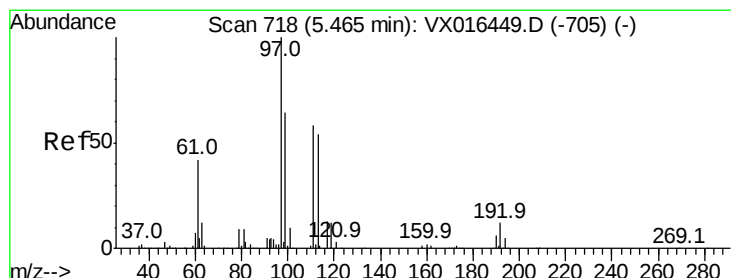
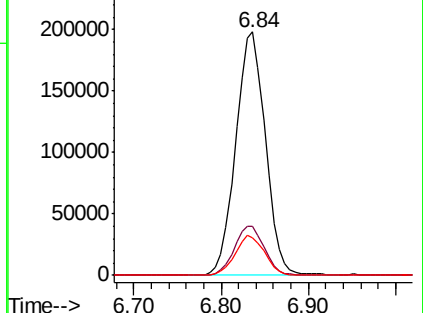
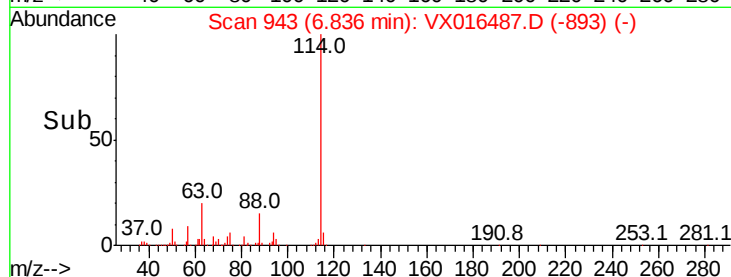
88 15.4 0.0 32.8



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: 46.985 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016487.D

Acq: 28 May 2020 15:54

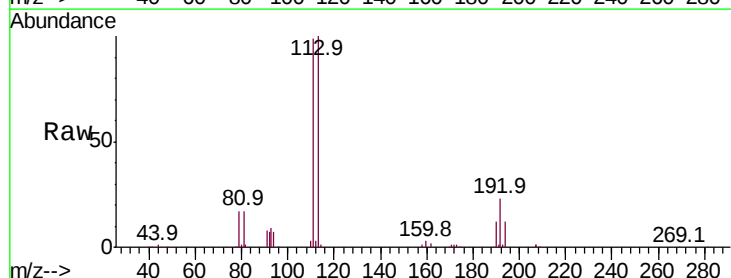
Tgt Ion:113 Resp: 135496

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

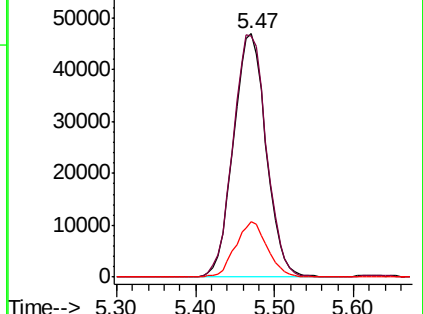
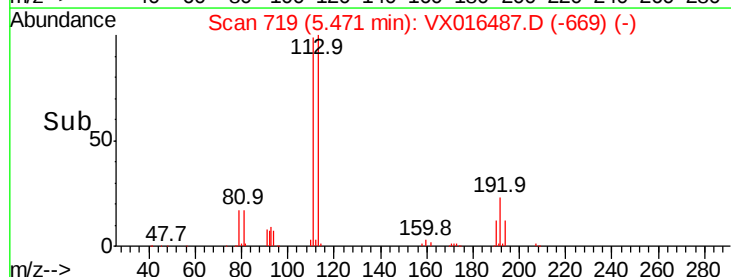
192 22.2 17.7 26.5

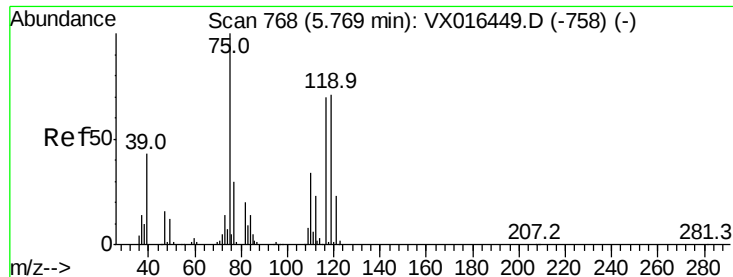


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

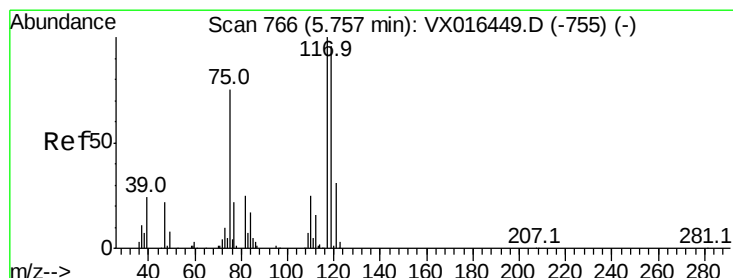
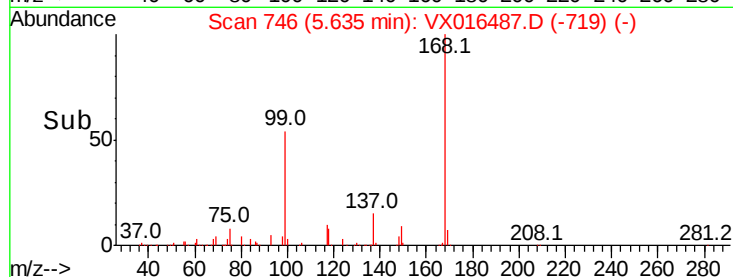
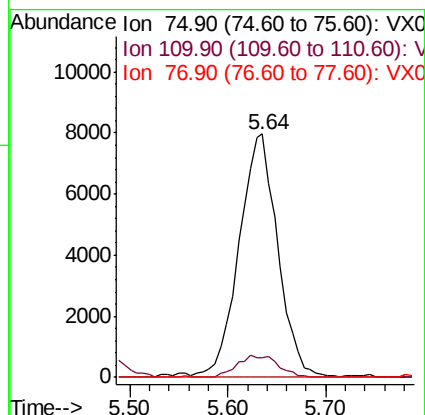
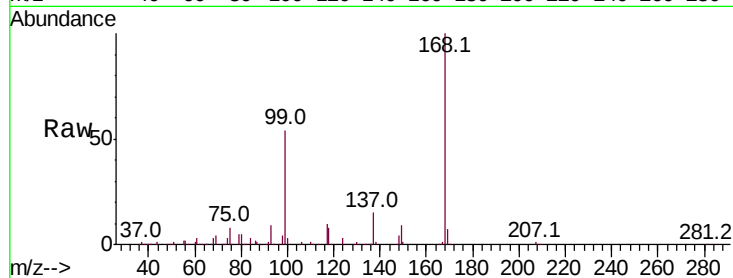




#36
 1,1-Dichloropropene
 Concen: 4.933 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016487.D
 Acq: 28 May 2020 15:54

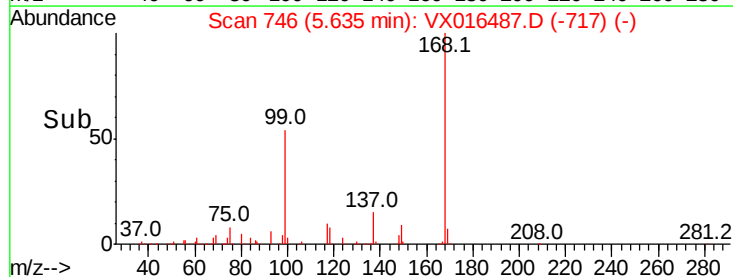
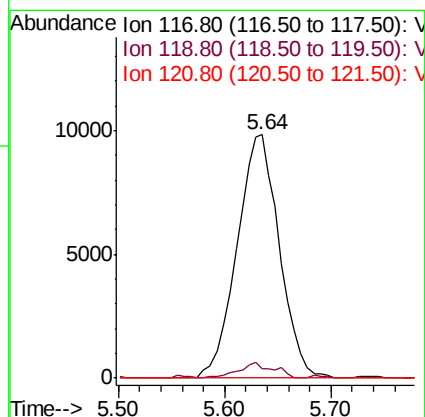
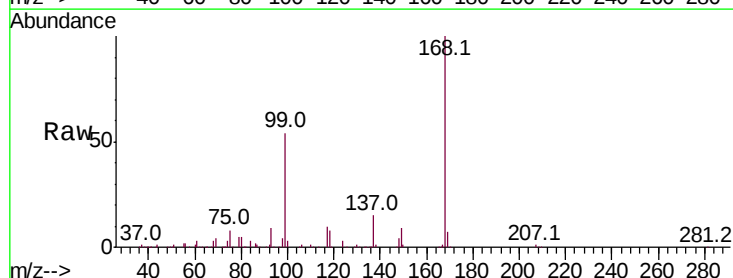
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 Z2-TB5-200526

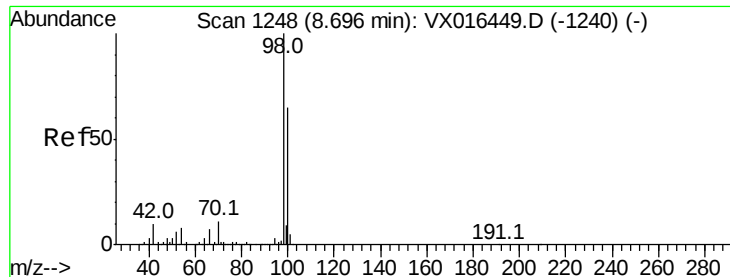
Tot Ion: 75 Resp: 21873
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.4 52.3#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 5.852 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX016487.D
 Acq: 28 May 2020 15:54

Tgt Ion: 117 Resp: 27272
 Ion Ratio Lower Upper
 117 100
 119 3.8 76.3 114.5#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 51.552 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016487.D

Acq: 28 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

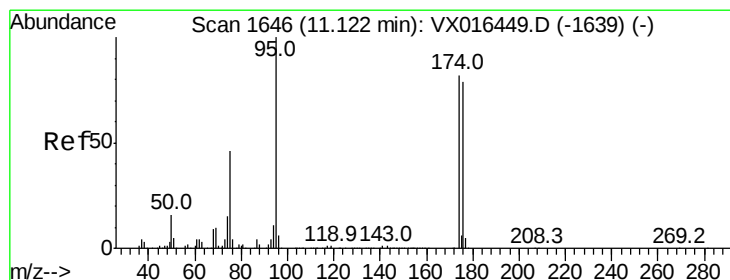
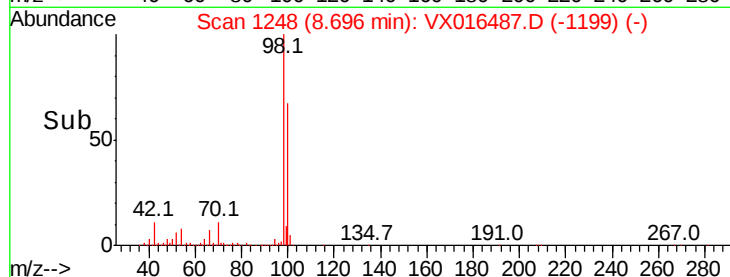
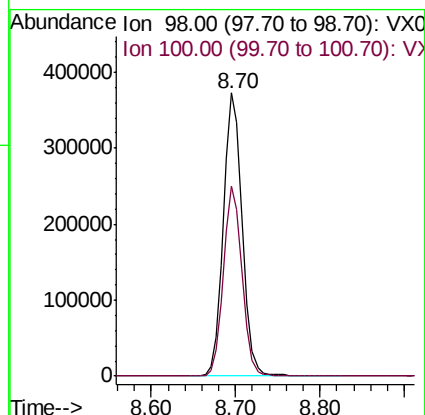
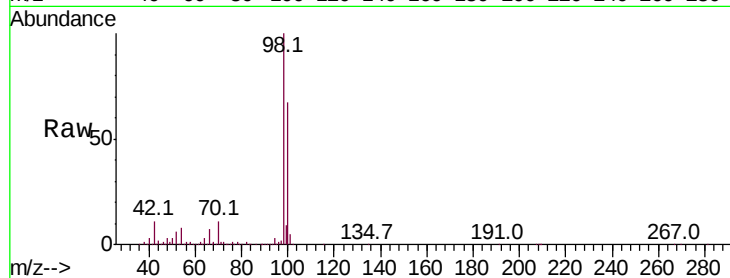
Z2-TB5-200526

Tot Ion: 98 Resp: 578639

Ion Ratio Lower Upper

98 100

100 66.3 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 53.179 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016487.D

Acq: 28 May 2020 15:54

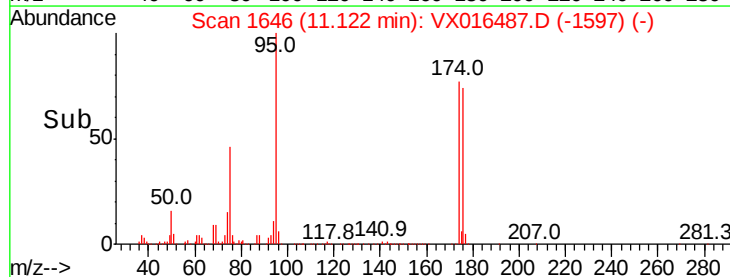
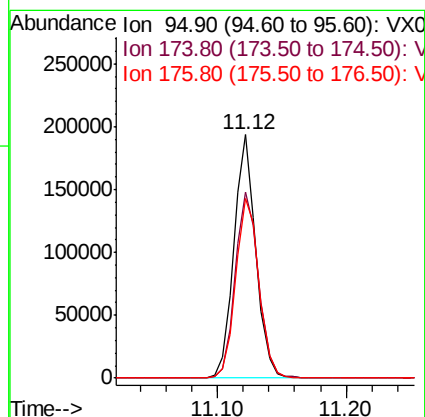
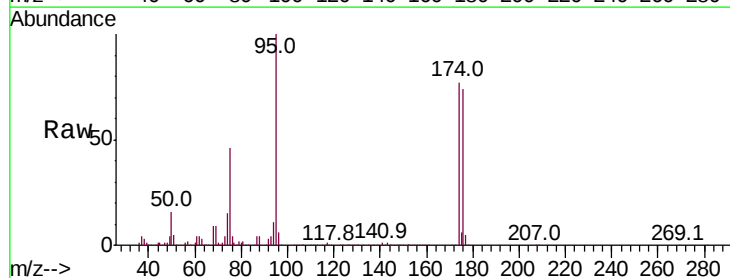
Tgt Ion: 95 Resp: 230640

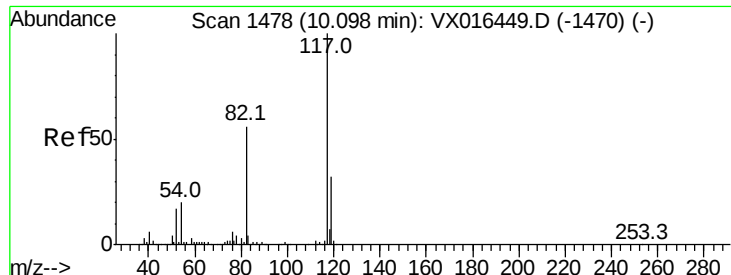
Ion Ratio Lower Upper

95 100

174 81.1 0.0 163.0

176 78.1 0.0 156.8

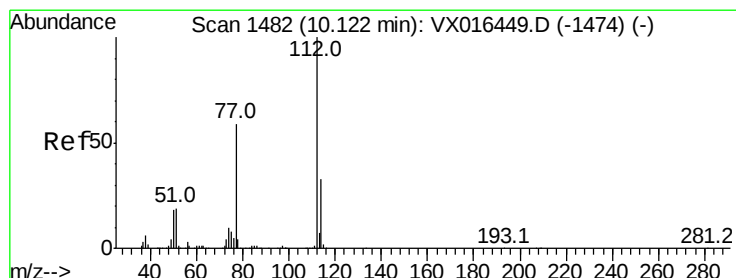
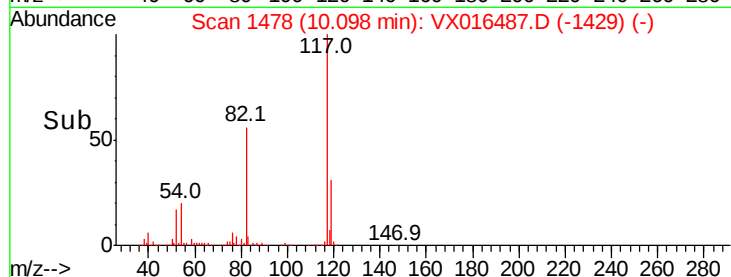
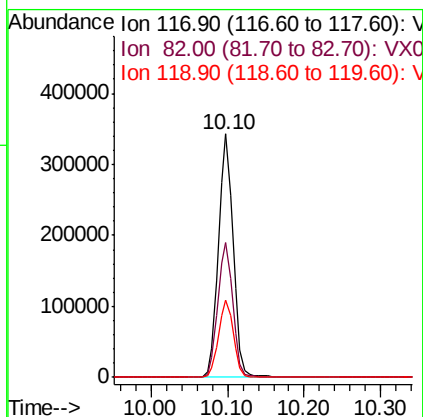
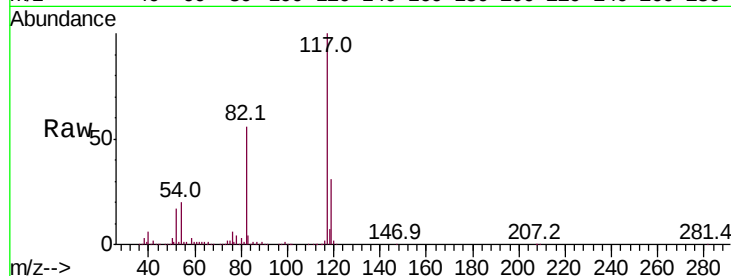




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016487.D
Acq: 28 May 2020 15:54

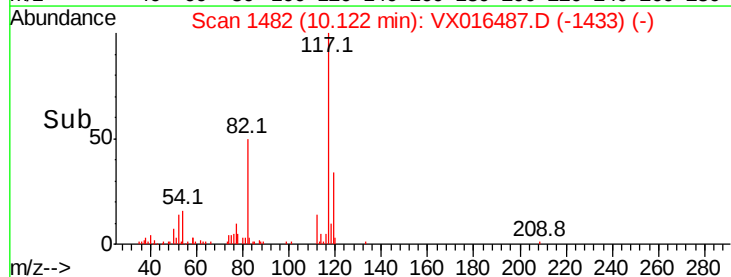
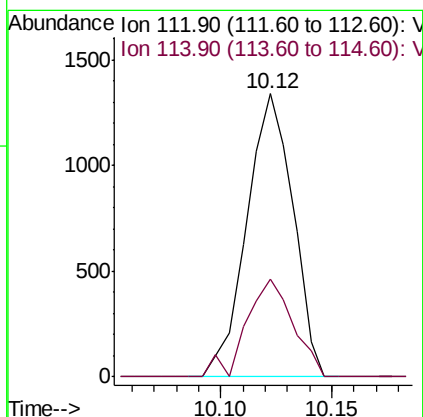
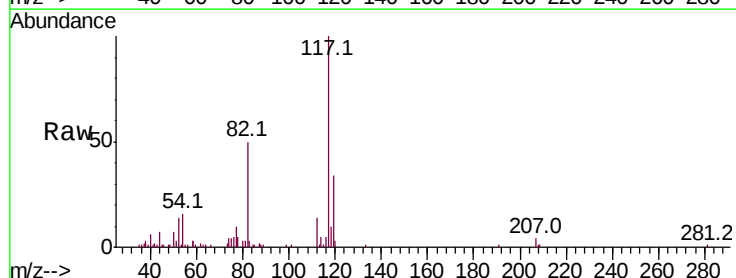
Instrument :
MSVOA_X
ClientSampleId :
Z2-TB5-200526

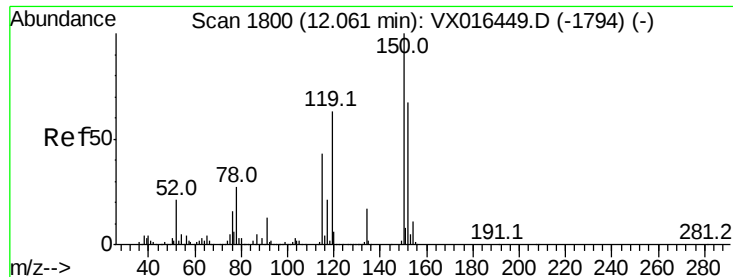
Tot Ion:117 Resp: 457257
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.6
119 31.5 25.8 38.8



#65
Chlorobenzene
Concen: 0.208 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016487.D
Acq: 28 May 2020 15:54

Tgt Ion:112 Resp: 1936
Ion Ratio Lower Upper
112 100
114 34.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016487.D

Acq: 28 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

Z2-TB5-200526

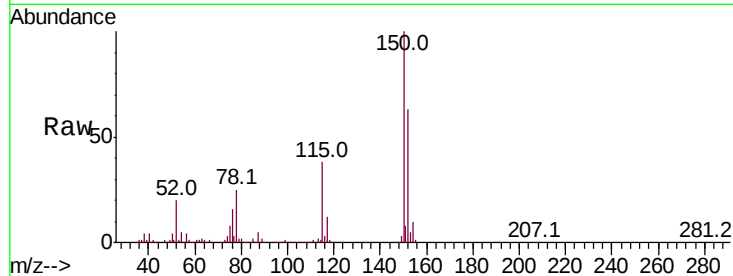
Tot Ion:152 Resp: 230913

Ion Ratio Lower Upper

152 100

115 58.7 39.9 119.6

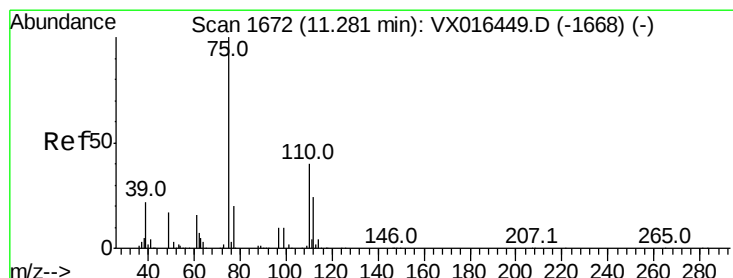
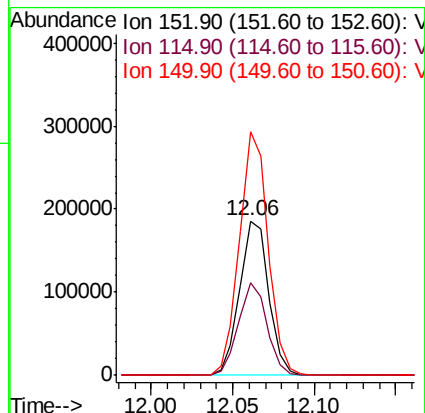
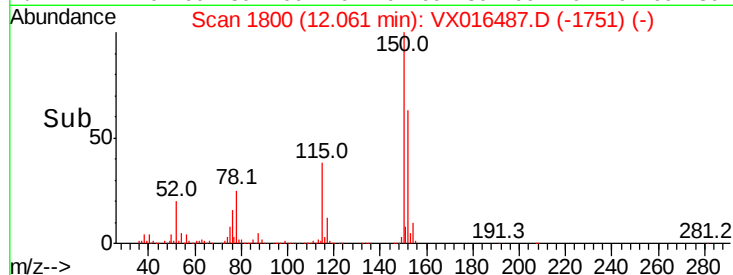
150 155.9 0.0 341.0



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: 21.995 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016487.D

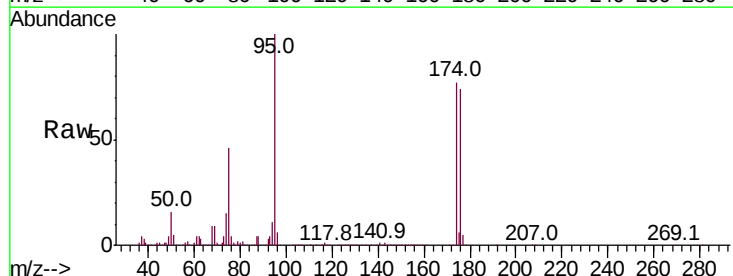
Acq: 28 May 2020 15:54

Tgt Ion: 75 Resp: 111637

Ion Ratio Lower Upper

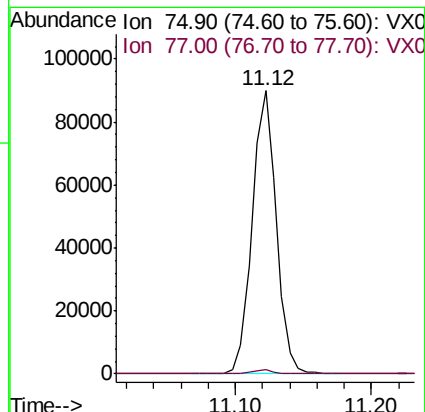
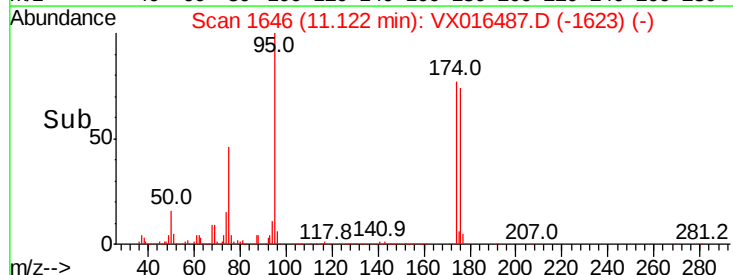
75 100

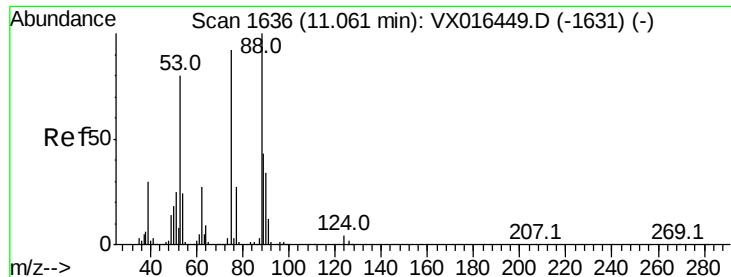
77 1.3 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.104 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016487.D

Acq: 28 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

Z2-TB5-200526

Tot Ion: 75 Resp: 111637

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 36.6 55.0#

