

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016778.D
 Acq On : 16 Jun 2020 14:44
 Operator : JC/SP
 Sample : L3003-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-TB-2020-2

Quant Time: Jun 17 03:56:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	395369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203814	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	143648	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
35) Dibromofluoromethane	5.46	113	118968	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	8.70	98	482925	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	11.12	95	197885	57.52	ug/l	0.00
Spiked Amount			Recovery	=	115.04%	

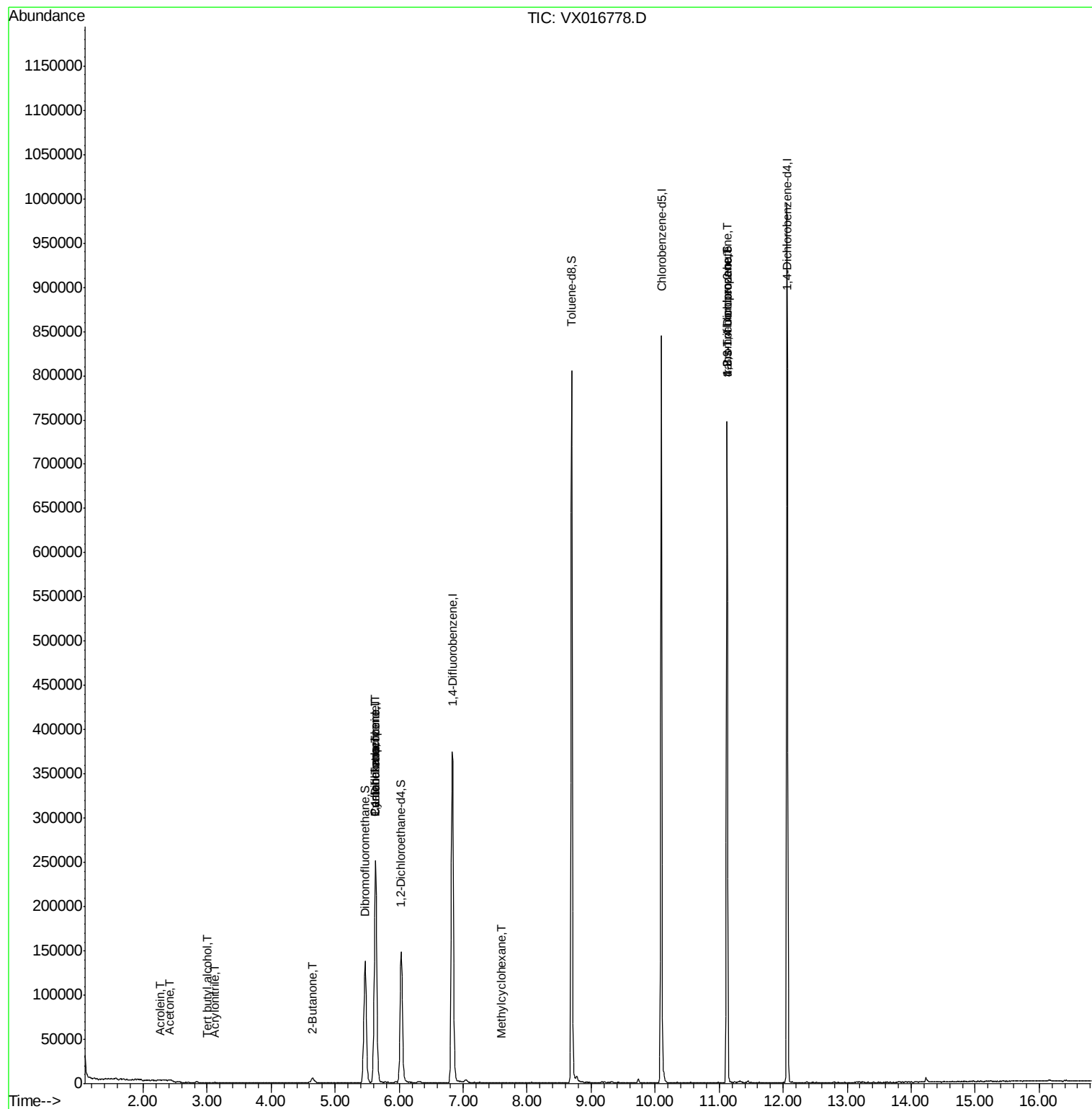
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	203	0.284	ug/l #	73
13) Acrolein	2.28	56	247	3.111	ug/l #	44
15) Acrylonitrile	3.12	53	294	0.203	ug/l #	74
16) Acetone	2.42	43	691	0.536	ug/l #	87
25) 2-Butanone	4.64	43	451	0.232	ug/l #	44
31) Cyclohexane	5.62	56	4328	1.863	ug/l #	5
36) 1,1-Dichloropropene	5.63	75	16903	4.838	ug/l #	50
38) Carbon Tetrachloride	5.63	117	23489	5.919	ug/l #	16
39) Methylcyclohexane	7.59	83	30	0.960	ug/l #	19
76) 1,2,3-Trichloropropane	11.12	75	94728	22.101	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	94728	55.639	ug/l #	13

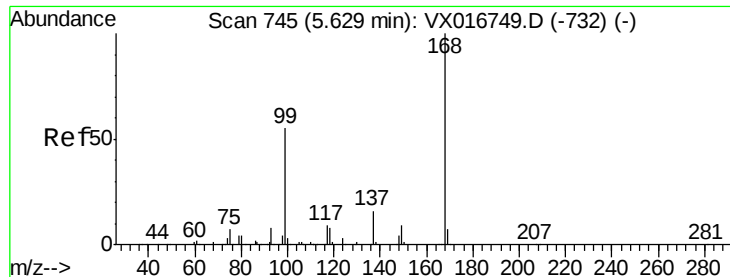
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061620\
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Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampled :

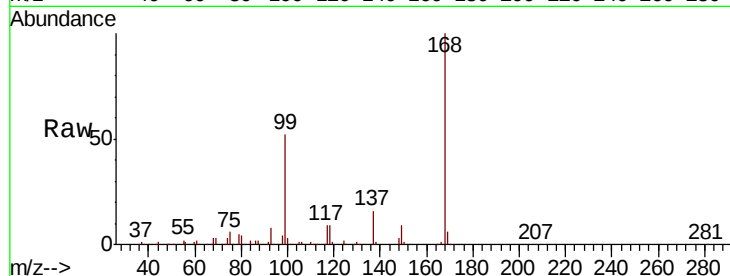
S49-TB-2020-2

Tot Ion:168 Resp: 252657

Ion Ratio Lower Upper

168 100

99 52.1 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

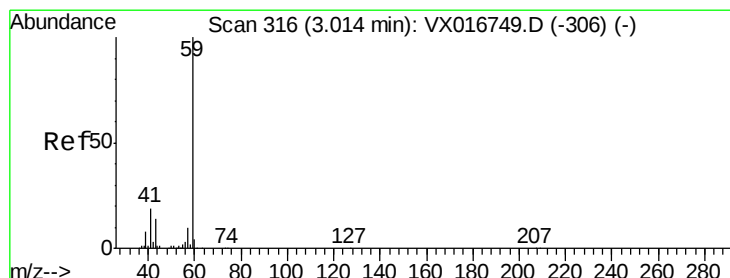
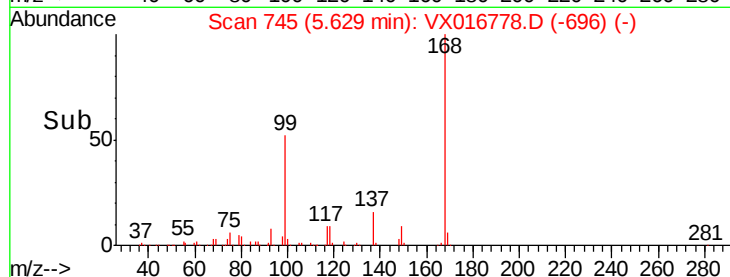
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.284 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016778.D

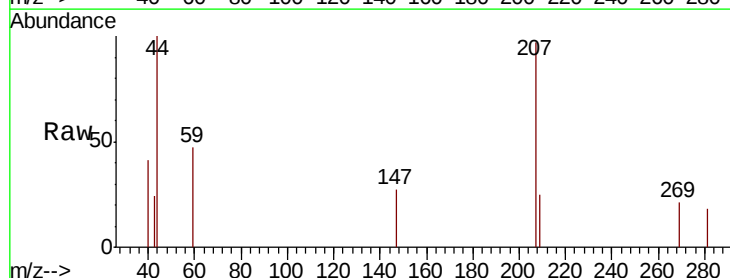
Acq: 16 Jun 2020 14:44

Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

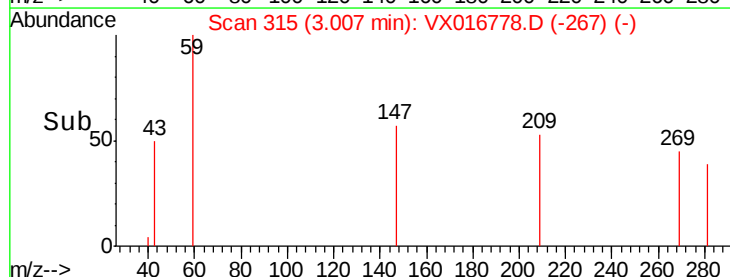
150

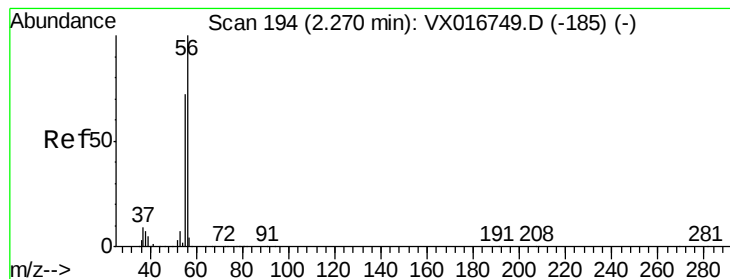
100

50

0

Time-->





#13

Acrolein

Concen: 3.111 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

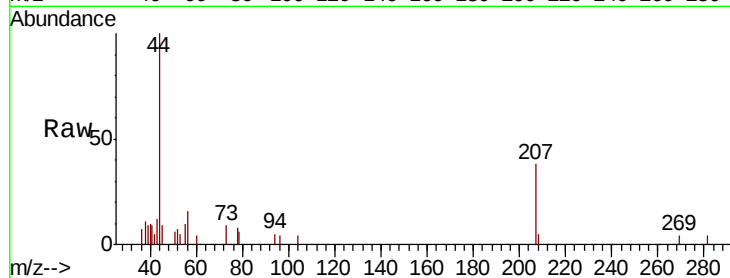
S49-TB-2020-2

Tot Ion: 56 Resp: 247

Ion Ratio Lower Upper

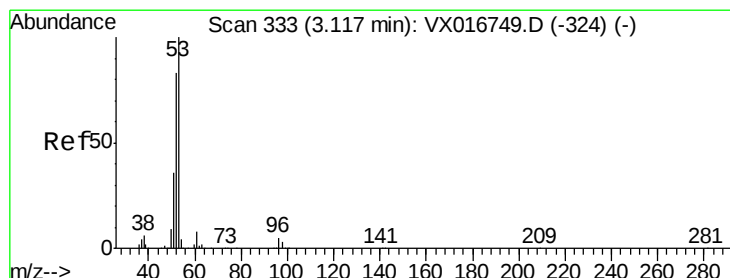
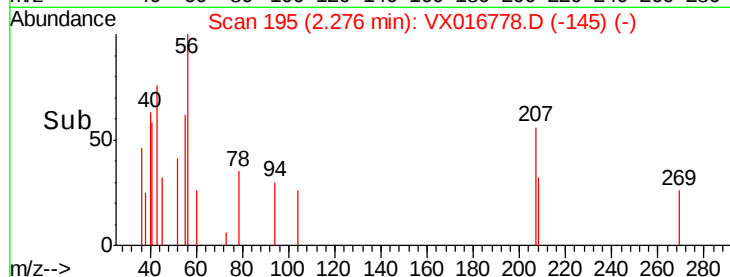
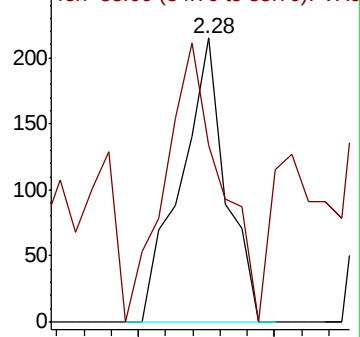
56 100

55 119.8 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.203 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

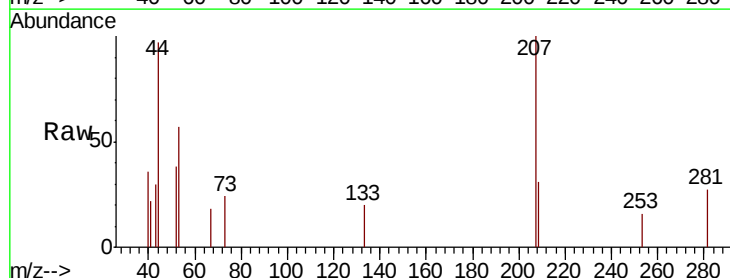
Tgt Ion: 53 Resp: 294

Ion Ratio Lower Upper

53 100

52 99.3 65.5 98.3#

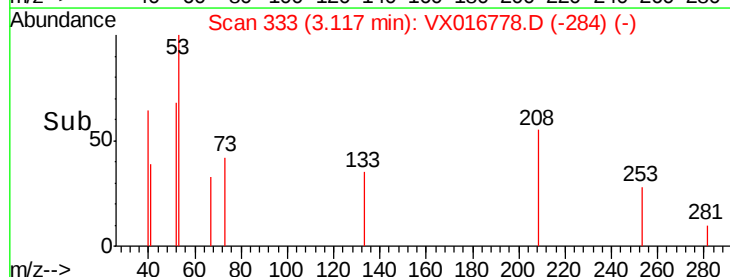
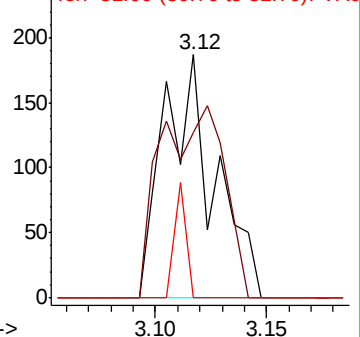
51 11.2 28.6 42.8#

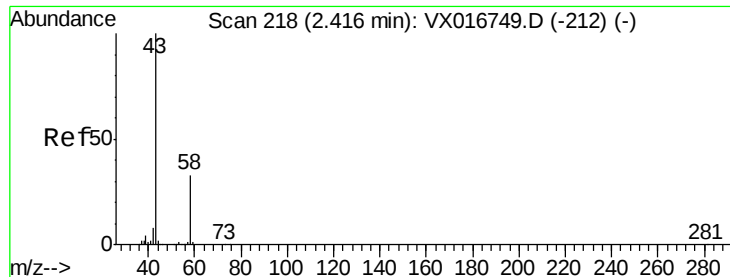


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 0.536 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

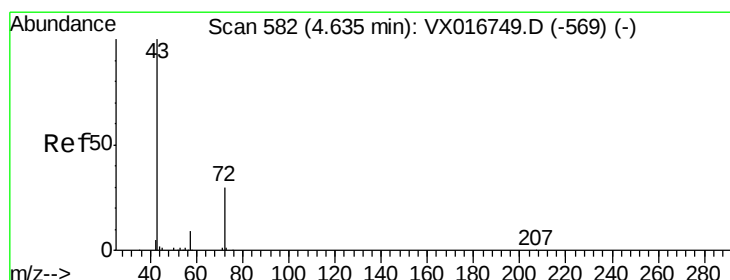
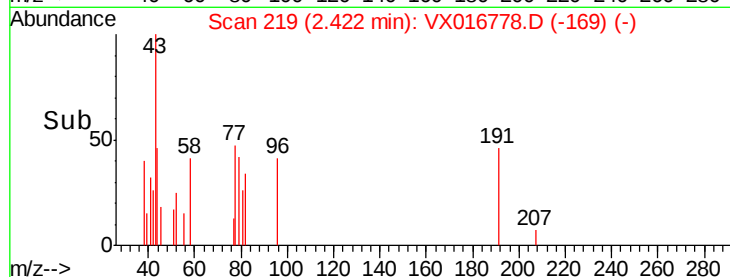
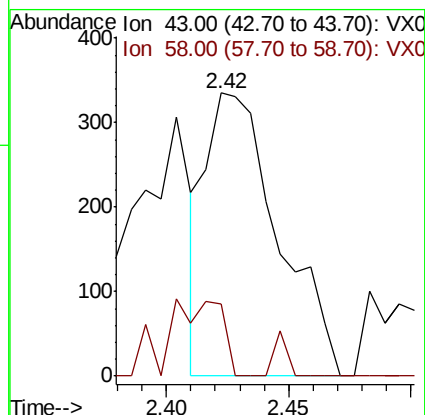
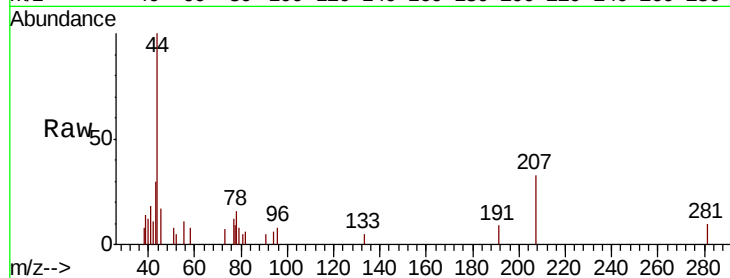
S49-TB-2020-2

Tot Ion: 43 Resp: 691

Ion Ratio Lower Upper

43 100

58 25.7 26.3 39.5#



#25

2-Butanone

Concen: 0.232 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016778.D

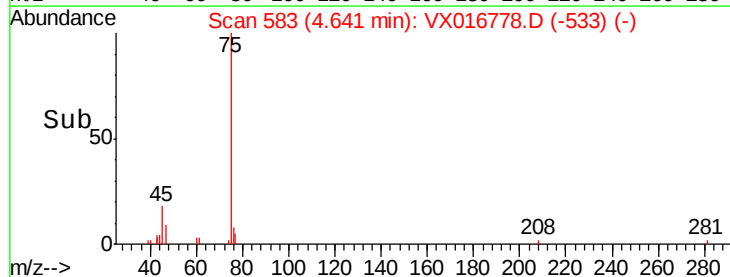
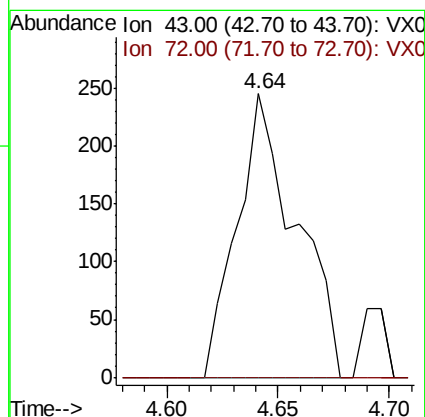
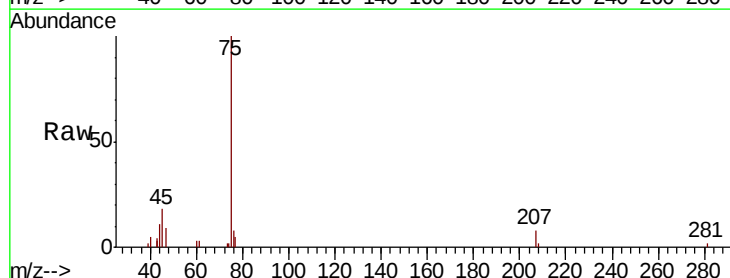
Acq: 16 Jun 2020 14:44

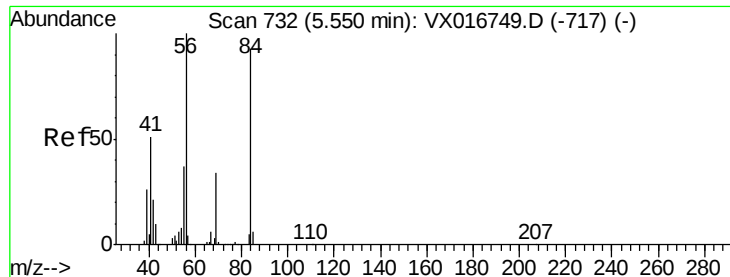
Tgt Ion: 43 Resp: 451

Ion Ratio Lower Upper

43 100

72 0.0 24.2 36.4#

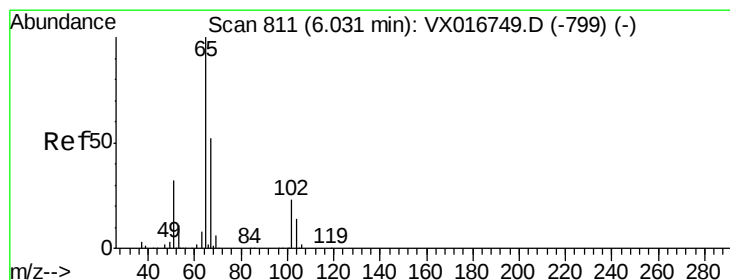
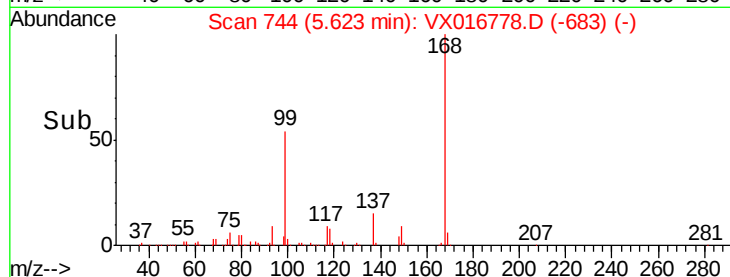
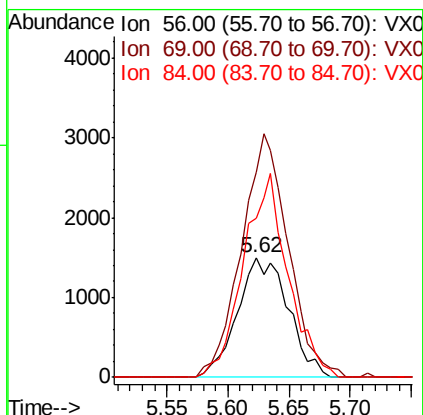
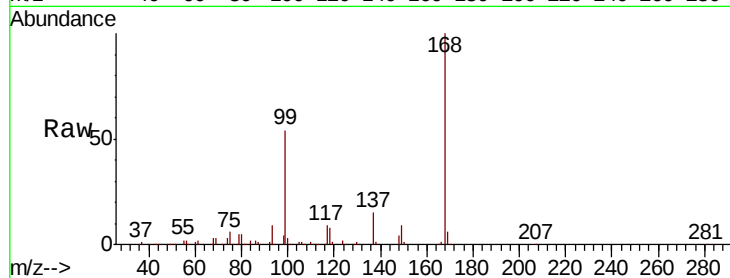




#31
Cyclohexane
Concen: 1.863 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016778.D
Acq: 16 Jun 2020 14:44

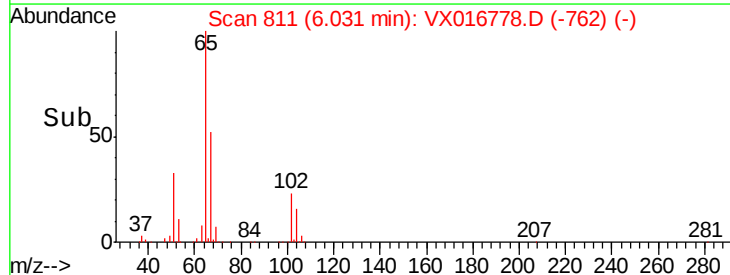
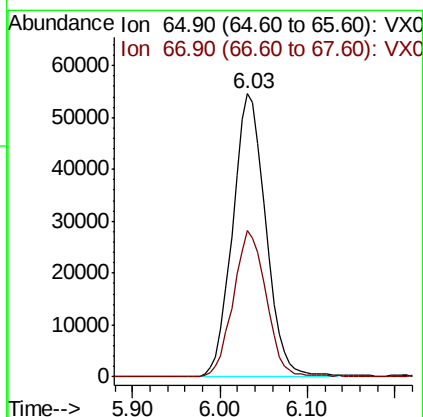
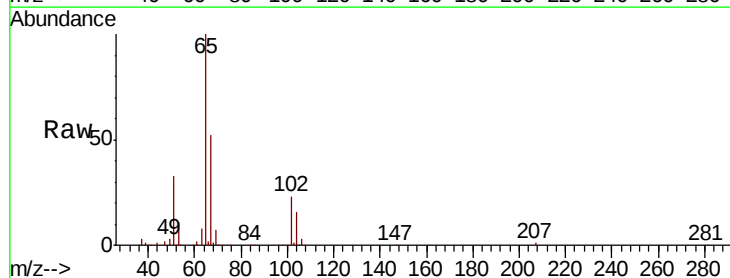
Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2020-2

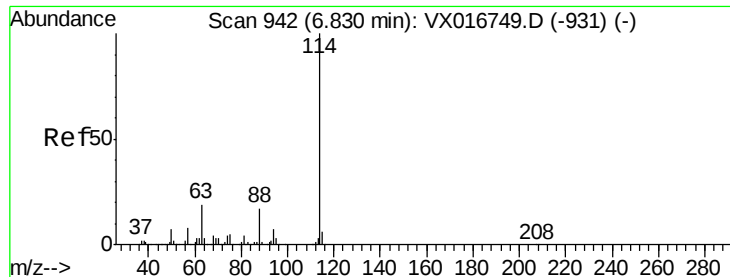
Tot Ion: 56 Resp: 4328
Ion Ratio Lower Upper
56 100
69 171.1 27.1 40.7#
84 132.4 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 50.548 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016778.D
Acq: 16 Jun 2020 14:44

Tgt Ion: 65 Resp: 143648
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

S49-TB-2020-2

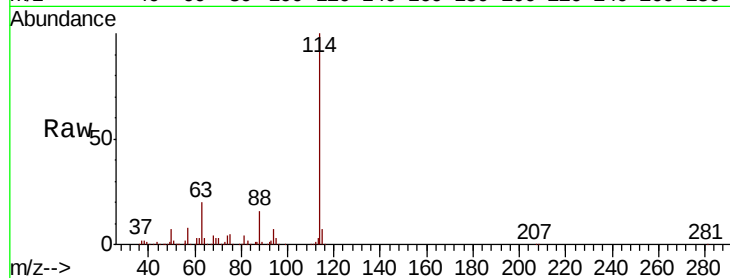
Tot Ion:114 Resp: 395369

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

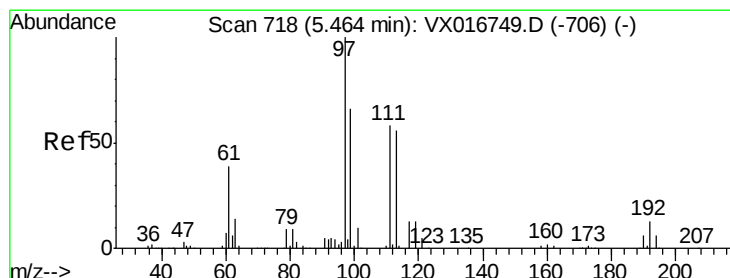
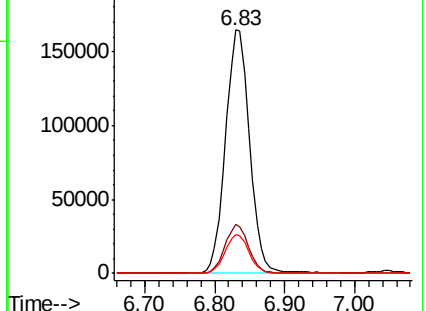
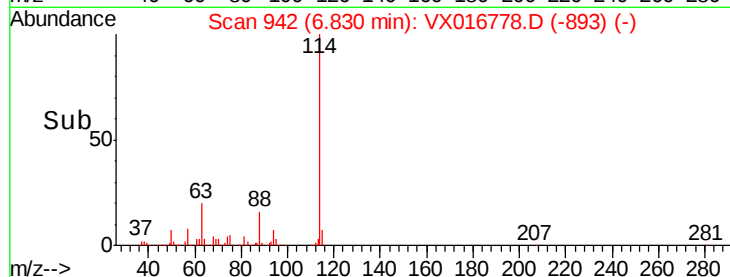
88 15.9 0.0 33.4



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: 48.770 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

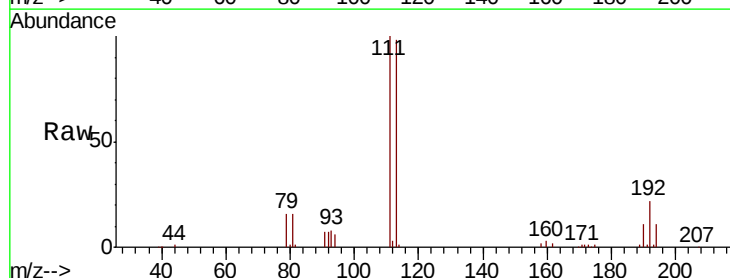
Tgt Ion:113 Resp: 118968

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

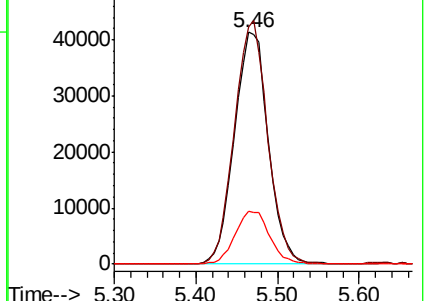
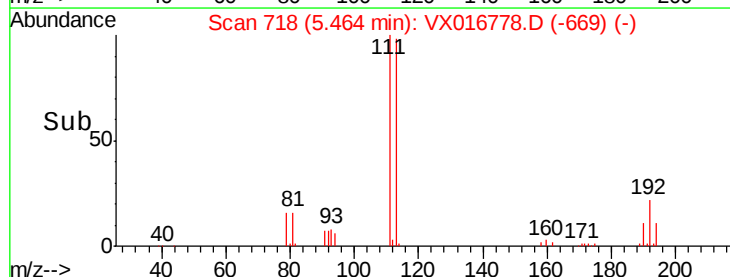
192 23.1 18.2 27.4

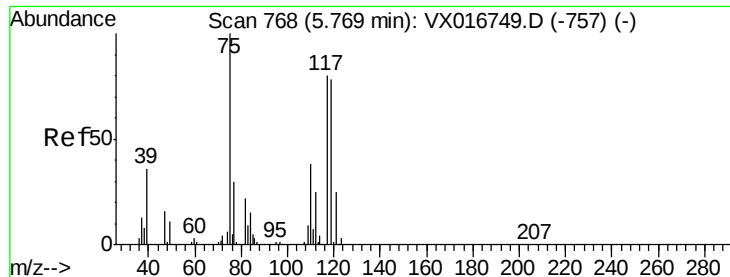


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.838 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

S49-TB-2020-2

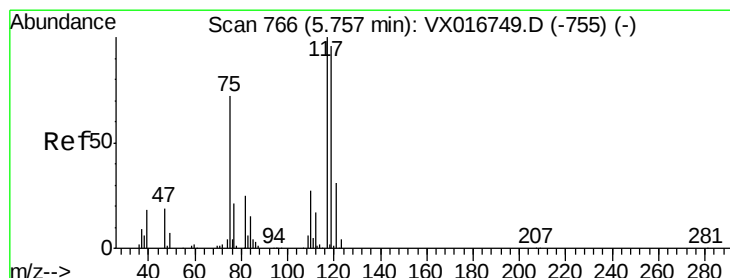
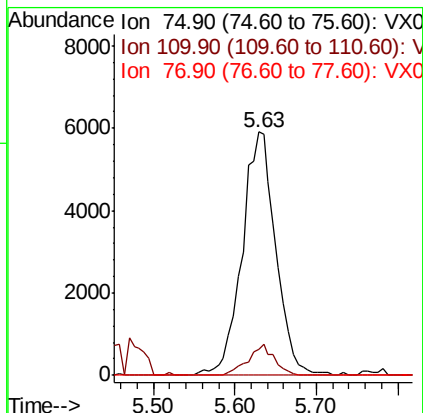
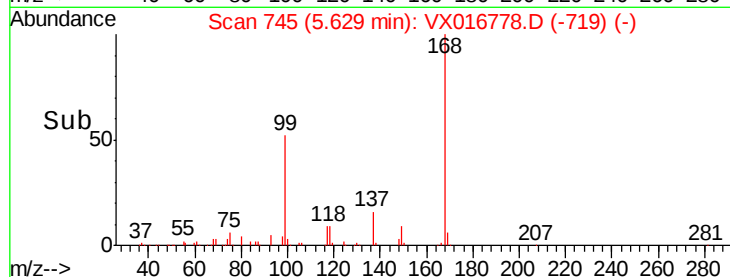
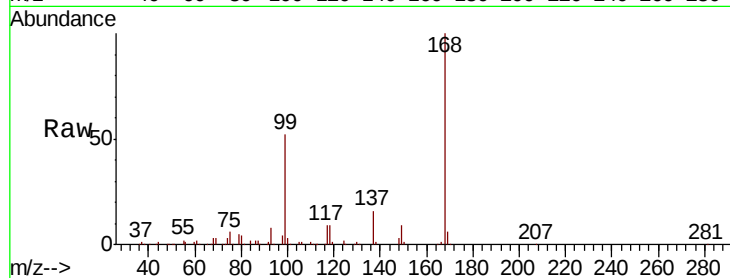
Tot Ion: 75 Resp: 16903

Ion Ratio Lower Upper

75 100

110 9.9 18.4 55.2#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.919 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

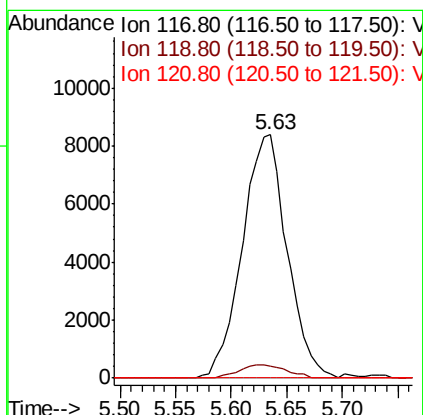
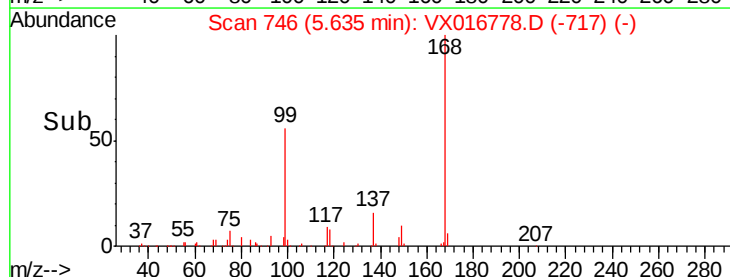
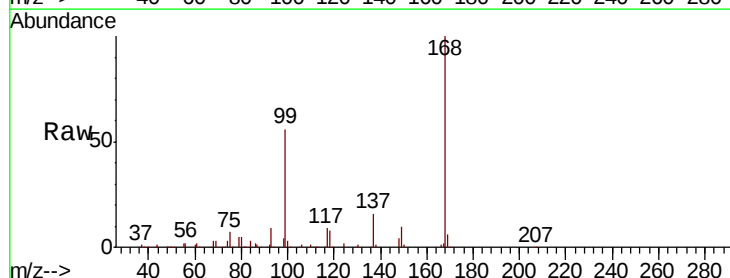
Tgt Ion: 117 Resp: 23489

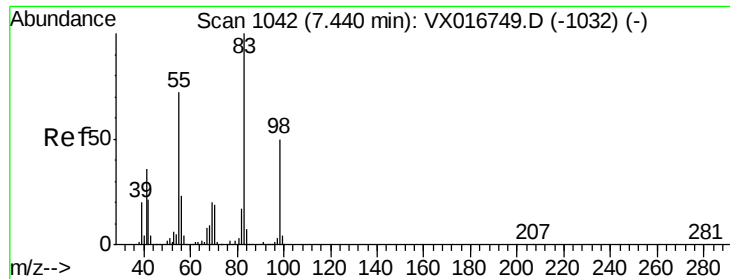
Ion Ratio Lower Upper

117 100

119 5.0 76.7 115.1#

121 0.0 24.7 37.1#

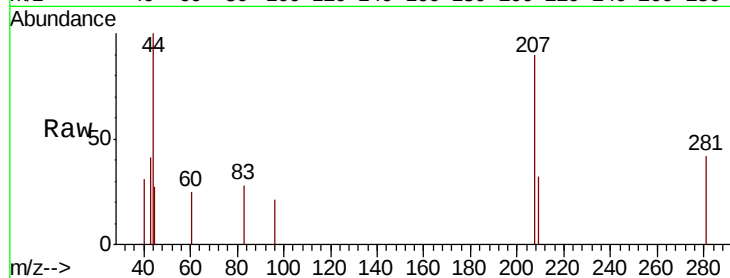




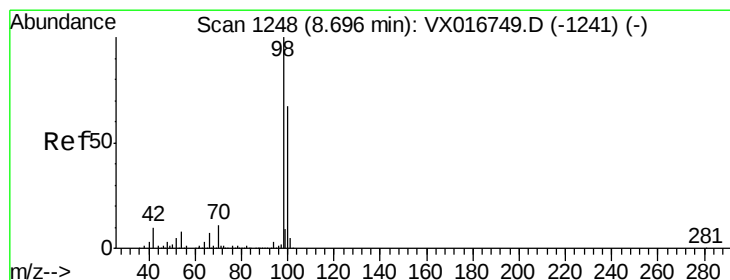
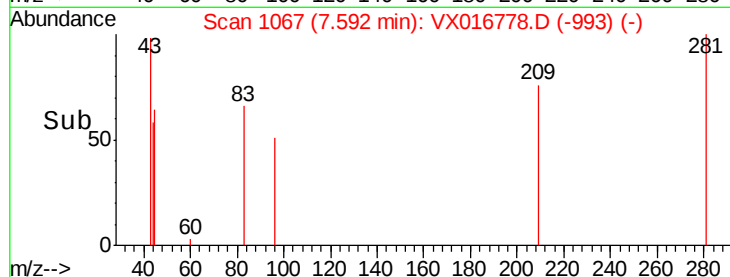
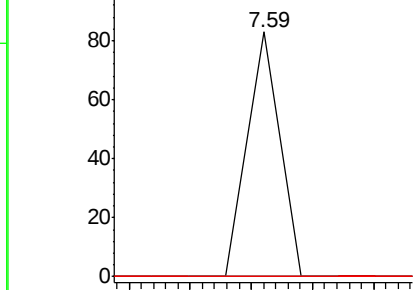
#39
Methvlcvclohexane
Concen: 0.960 ug/l
RT: 7.59 min Scan# 1067
Delta R.T. 0.15 min
Lab File: VX016778.D
Acq: 16 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2020-2

Tot Ion: 83 Resp: 30
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.0 40.3 60.5#

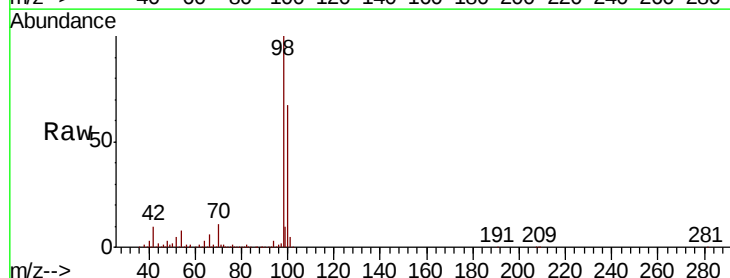


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

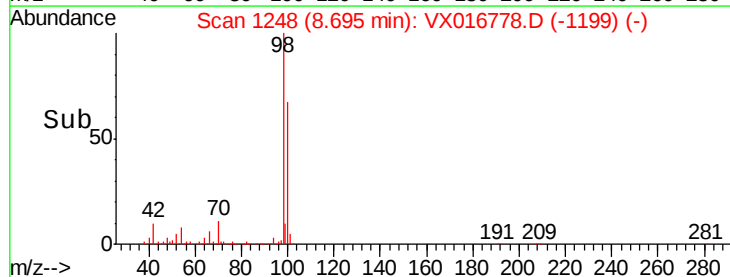
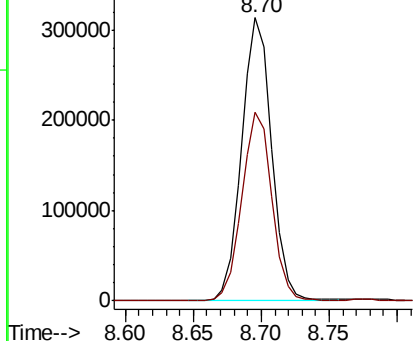


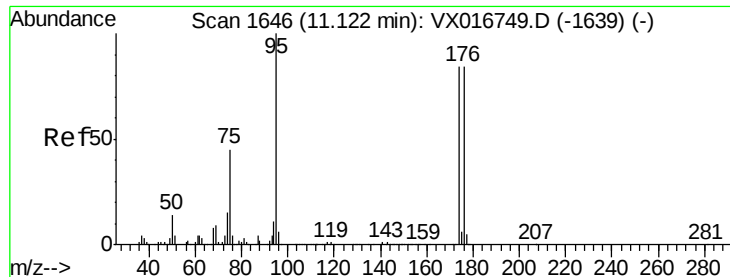
#50
Toluene-d8
Concen: 53.691 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016778.D
Acq: 16 Jun 2020 14:44

Tgt Ion: 98 Resp: 482925
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

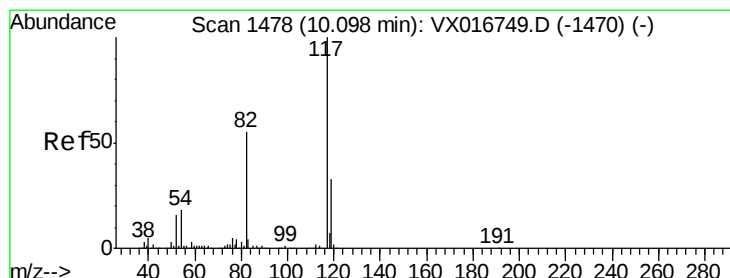
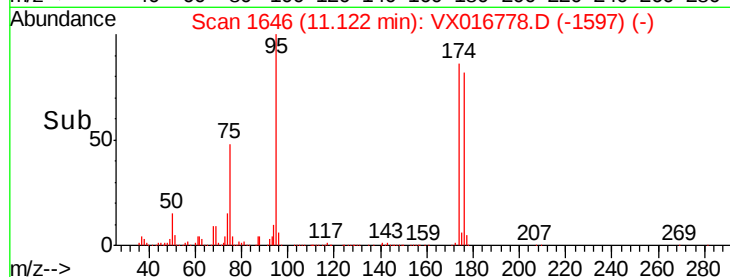
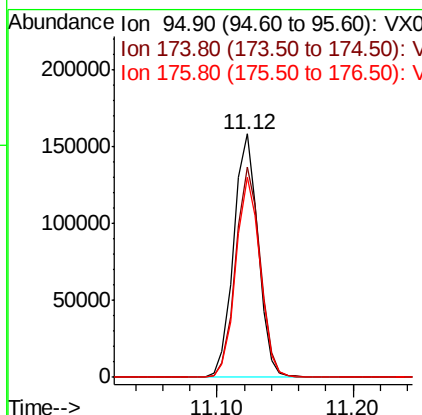
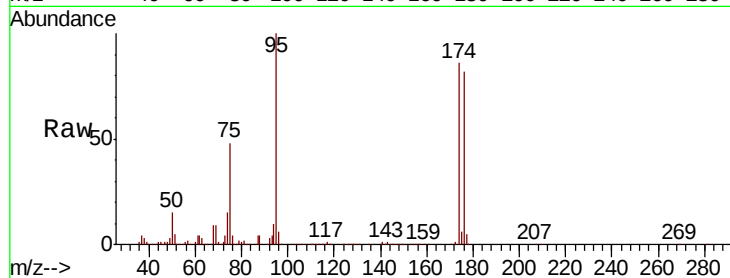




#62
4-Bromofluorobenzene
Concen: 57.518 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016778.D
Acq: 16 Jun 2020 14:44

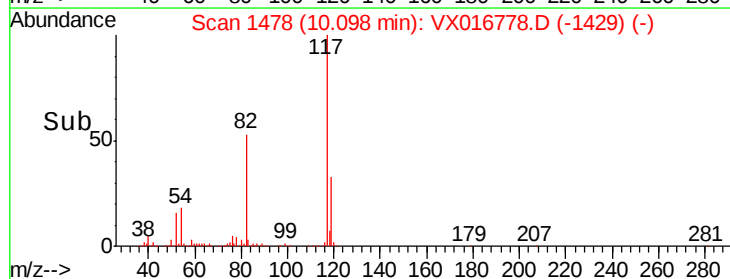
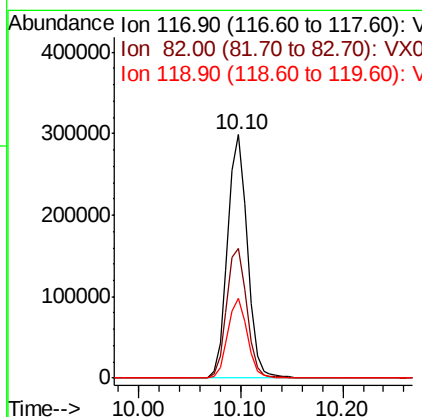
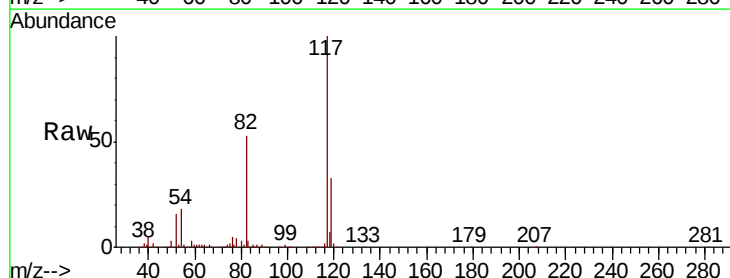
Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2020-2

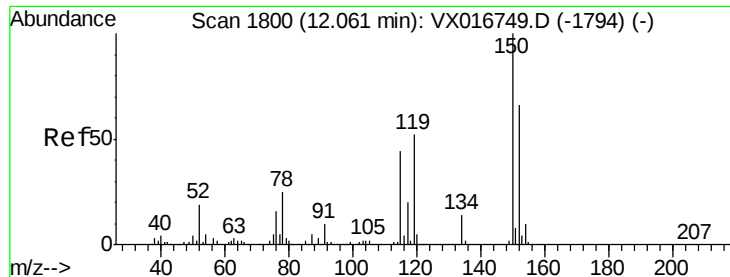
Tot Ion	95	Resp	197885
Ion Ratio	Lower	Upper	
95	100		
174	87.1	0.0	171.0
176	82.3	0.0	166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016778.D
Acq: 16 Jun 2020 14:44

Tgt Ion	117	Resp	401373
Ion Ratio	Lower	Upper	
117	100		
82	53.4	43.8	65.6
119	32.8	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

S49-TB-2020-2

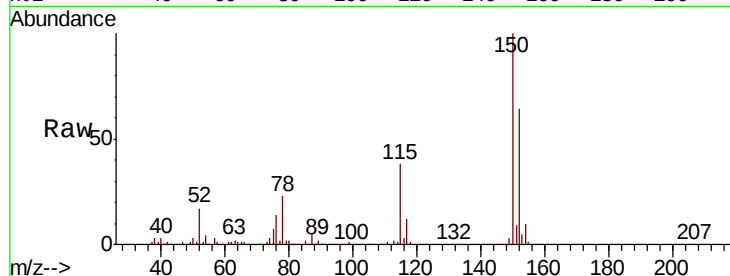
Tot Ion:152 Resp: 203814

Ion Ratio Lower Upper

152 100

115 58.9 40.3 120.8

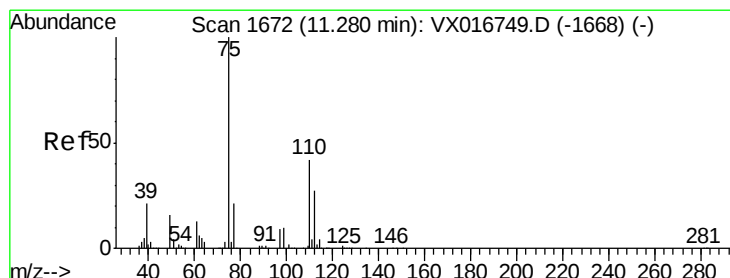
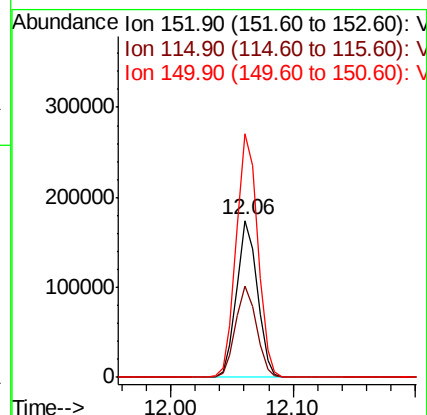
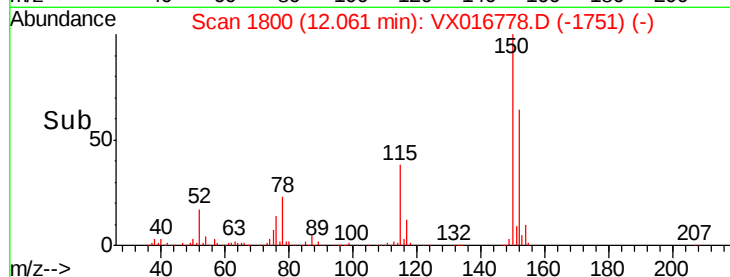
150 159.9 0.0 337.4



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: 22.101 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016778.D

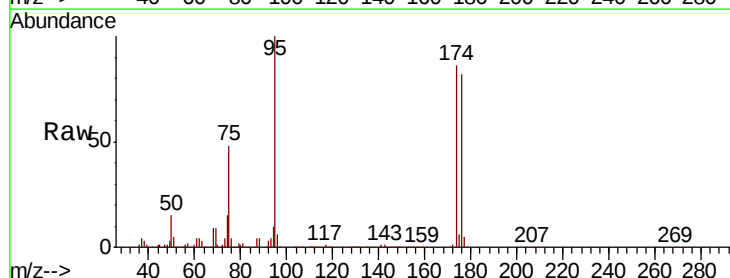
Acq: 16 Jun 2020 14:44

Tgt Ion: 75 Resp: 94728

Ion Ratio Lower Upper

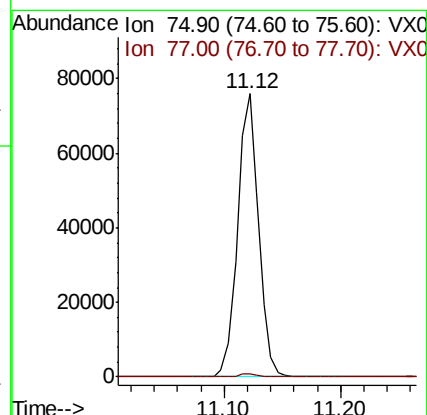
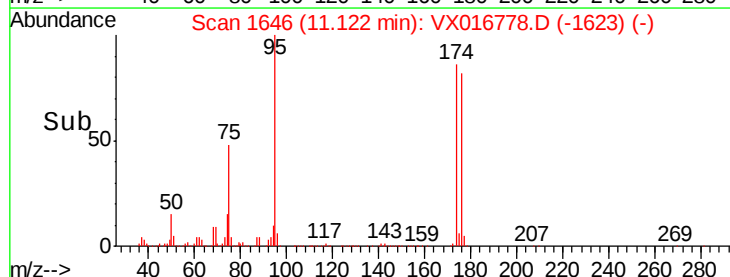
75 100

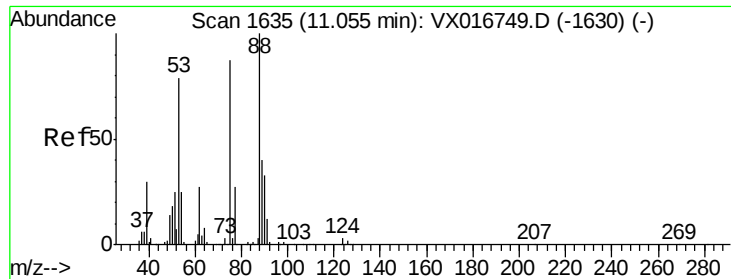
77 1.1 20.3 60.9#



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: 55.639 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

S49-TB-2020-2

Tot Ion: 75 Resp: 94728

Ion Ratio Lower Upper

75 100

53 0.1 71.4 107.0#

89 0.0 39.1 58.7#

