

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016532.D
 Acq On : 01 Jun 2020 16:29
 Operator : JC/SP
 Sample : L2801-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW504-200528

Quant Time: Jun 02 01:49:02 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	262233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	424043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222970	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	154539	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
35) Dibromofluoromethane	5.46	113	126799	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
50) Toluene-d8	8.70	98	531215	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.12	95	215958	55.00	ug/l	0.00
Spiked Amount			Recovery	=	110.00%	

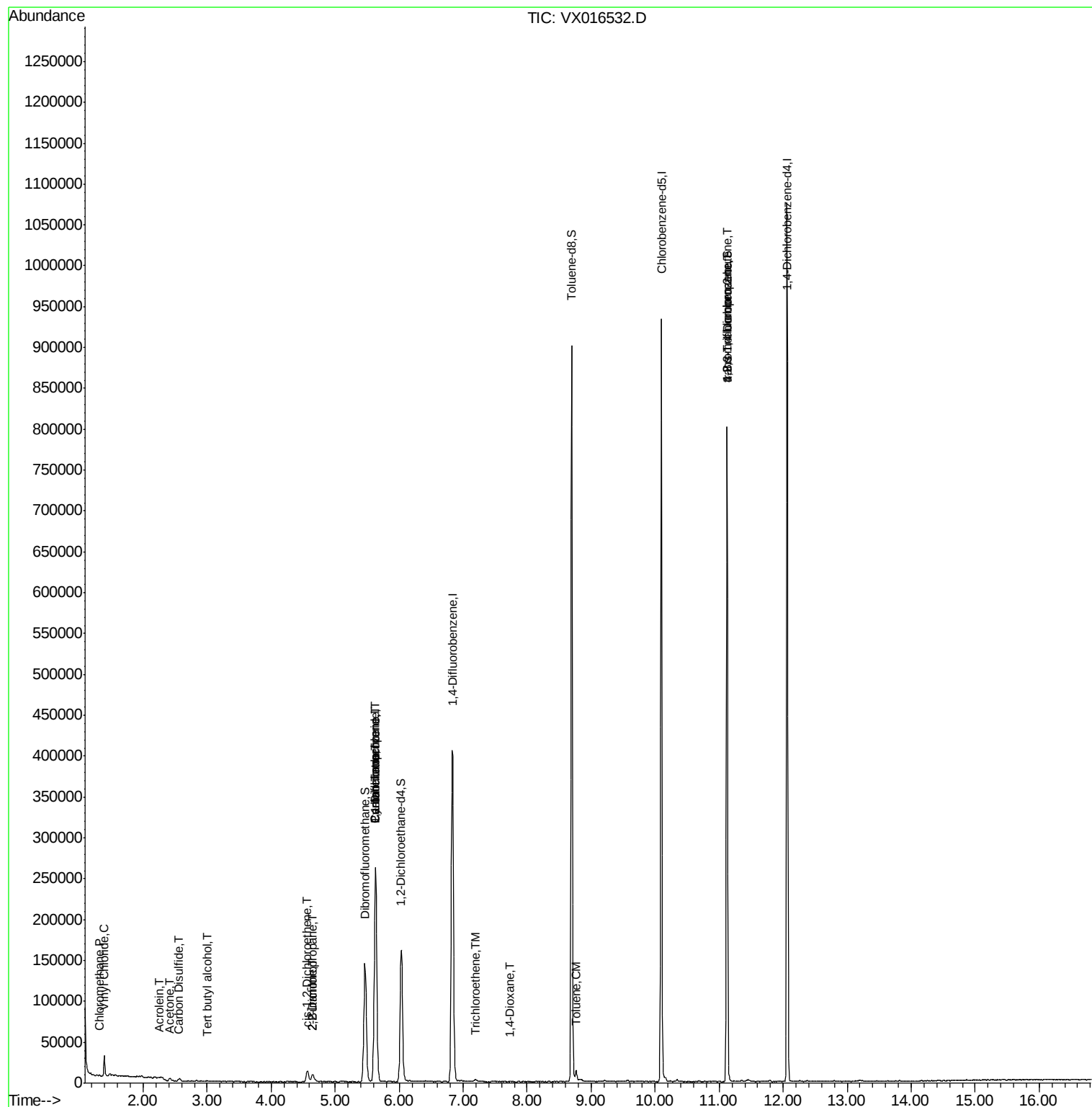
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1214	0.389	ug/l #	86
4) Vinyl Chloride	1.39	62	14628	4.435	ug/l	96
11) Tert butyl alcohol	3.01	59	587	0.703	ug/l #	72
13) Acrolein	2.26	56	259	0.729	ug/l	91
16) Acetone	2.42	43	3579	2.508	ug/l	96
17) Carbon Disulfide	2.56	76	3065	0.409	ug/l	98
25) 2-Butanone	4.65	43	1167	0.483	ug/l #	84
26) 2,2-Dichloropropane	4.64	77	868	0.211	ug/l #	58
27) cis-1,2-Dichloroethene	4.56	96	8836	2.737	ug/l	88
31) Cyclohexane	5.62	56	4875	1.077	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	18706	4.659	ug/l #	50
38) Carbon Tetrachloride	5.64	117	24998	5.925	ug/l #	17
44) Trichloroethene	7.20	130	767	0.202	ug/l	96
49) 1,4-Dioxane	7.73	88	172	2.042	ug/l #	54
52) Toluene	8.77	92	3495	0.464	ug/l	86
76) 1,2,3-Trichloropropane	11.12	75	104565	21.335	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	104565	52.482	ug/l #	14

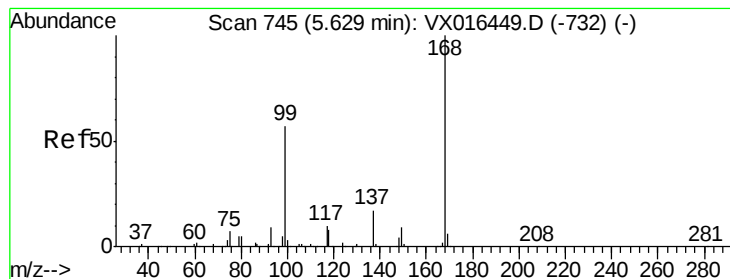
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060120\
Data File : VX016532.D
Acq On : 01 Jun 2020 16:29
Operator : JC/SP
Sample : L2801-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS050MW504-200528

Quant Time: Jun 02 01:49:02 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: VX016532.D

Acq: 01 Jun 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

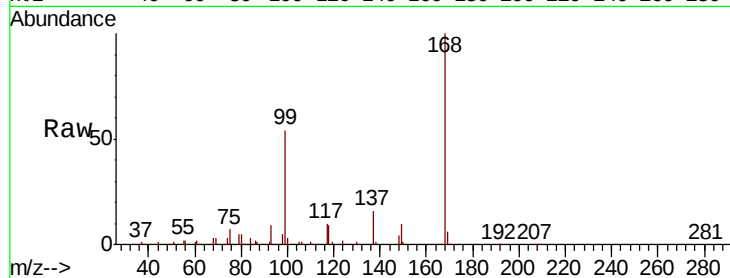
SS050MW504-200528

Tot Ion:168 Resp: 262233

Ion Ratio Lower Upper

168 100

99 54.2 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

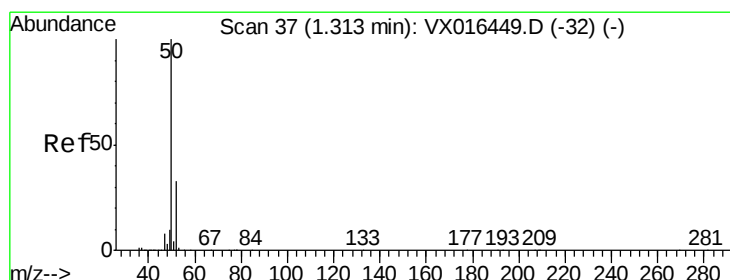
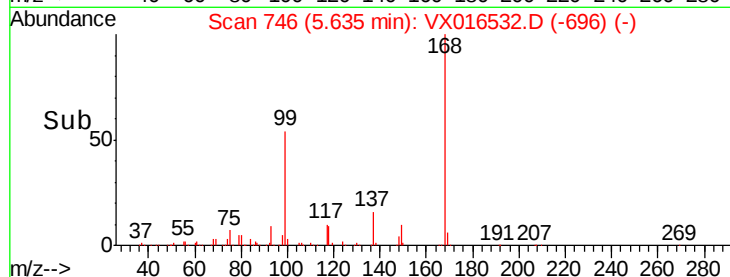
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.389 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016532.D

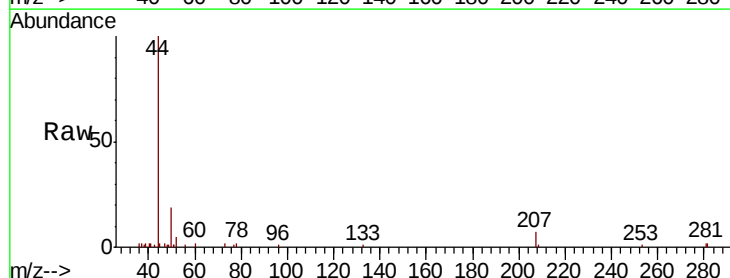
Acq: 01 Jun 2020 16:29

Tgt Ion: 50 Resp: 1214

Ion Ratio Lower Upper

50 100

52 25.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

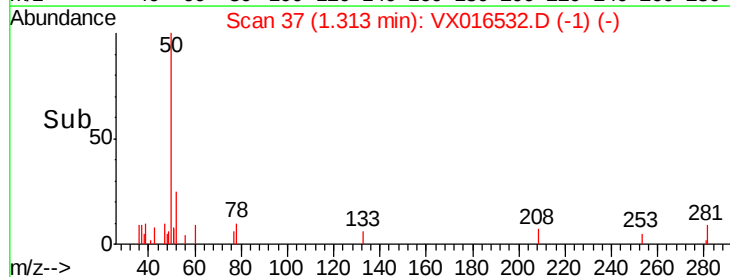
1.31

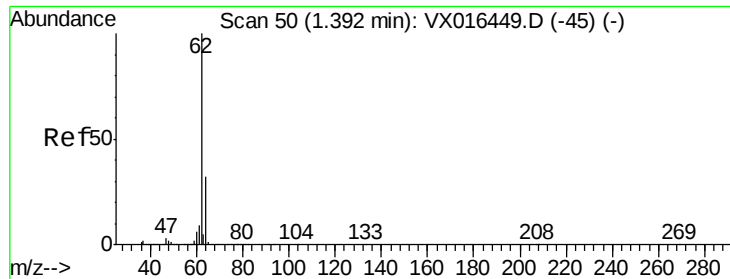
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: 4.435 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

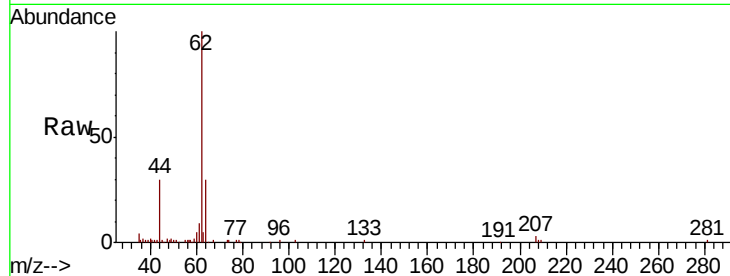
SS050MW504-200528

Tot Ion: 62 Resp: 14628

Ion Ratio Lower Upper

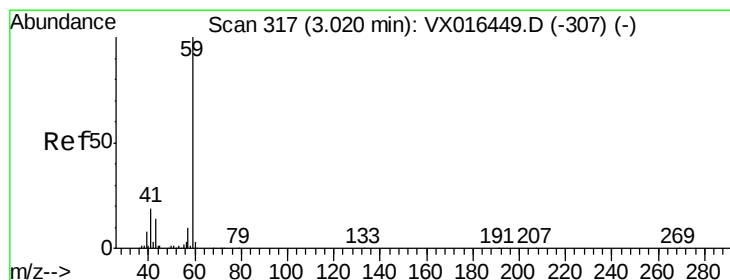
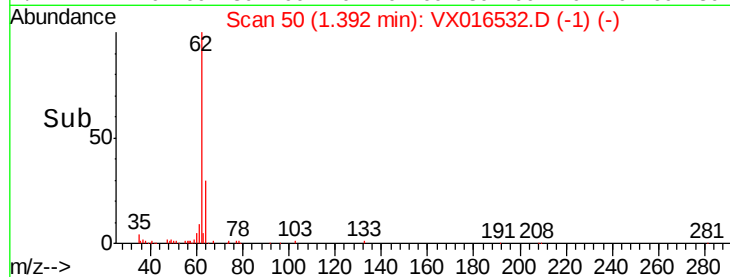
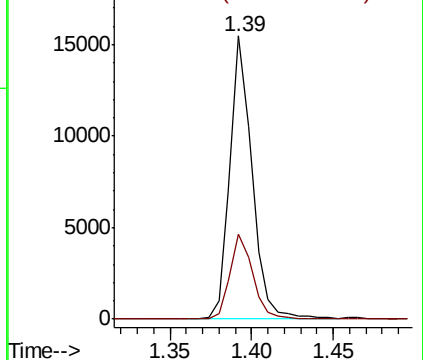
62 100

64 30.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#11

Tert butyl alcohol

Concen: 0.703 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX016532.D

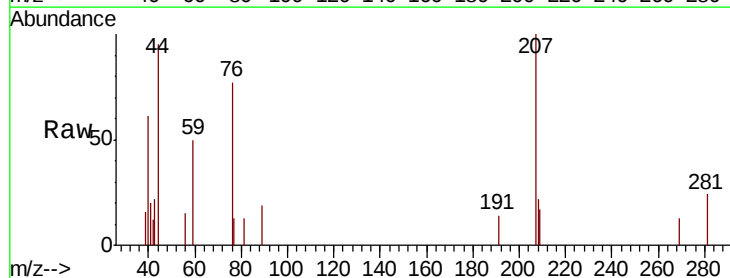
Acq: 01 Jun 2020 16:29

Tgt Ion: 59 Resp: 587

Ion Ratio Lower Upper

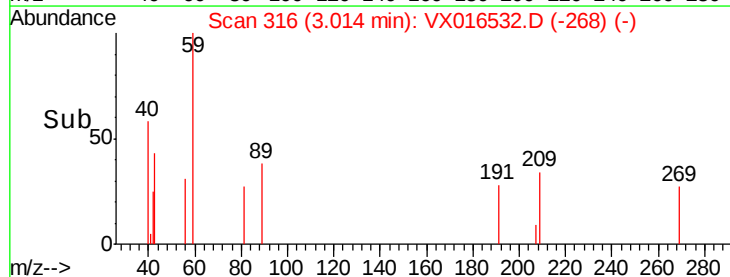
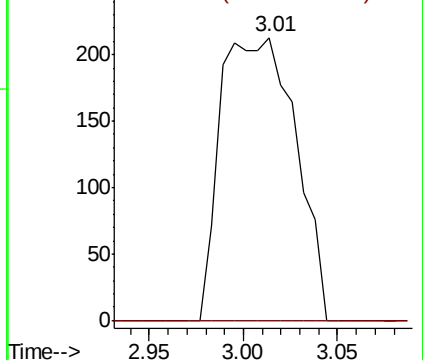
59 100

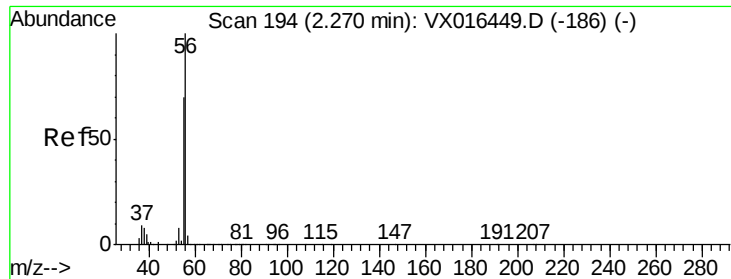
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

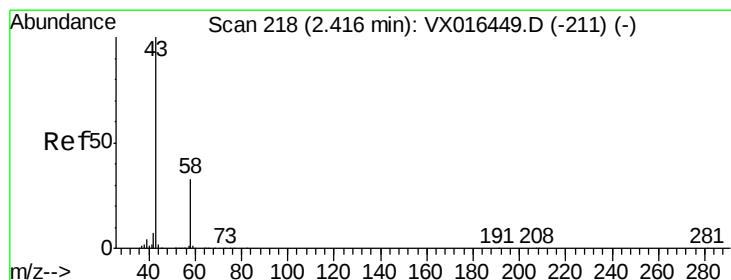
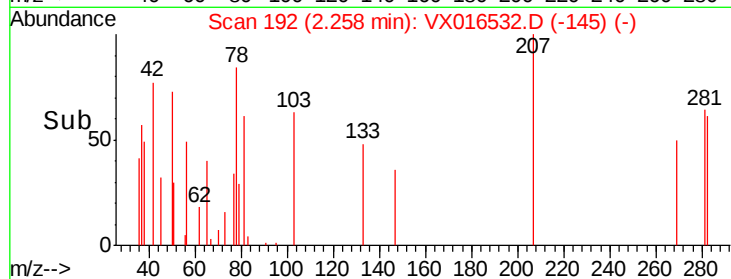
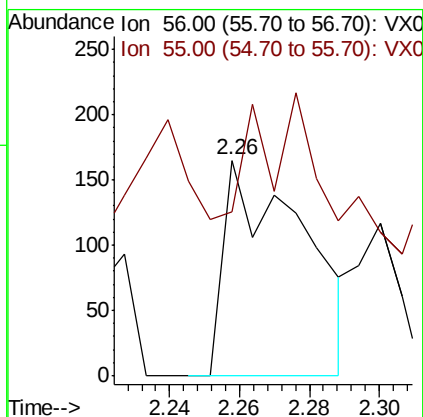
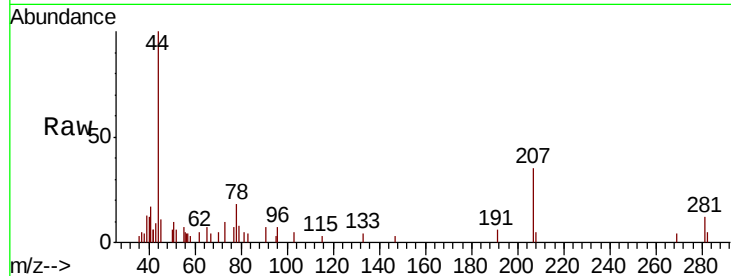




#13
Acrolein
Concen: 0.729 ug/l
RT: 2.26 min Scan# 192
Delta R.T. -0.01 min
Lab File: VX016532.D
Acq: 01 Jun 2020 16:29

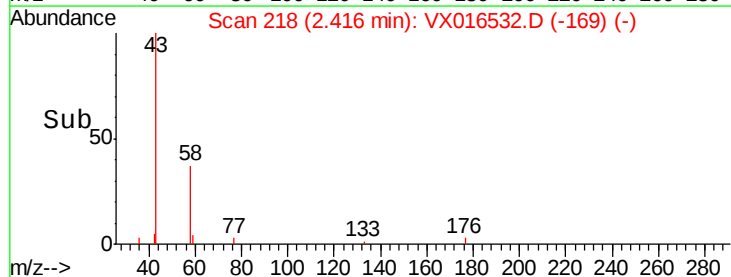
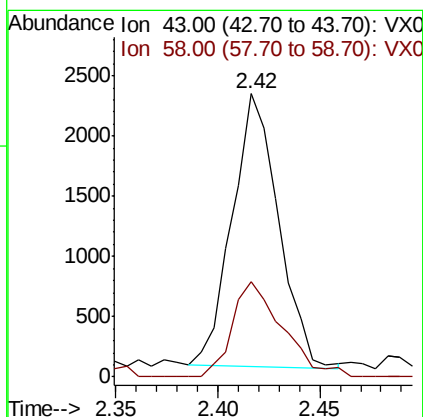
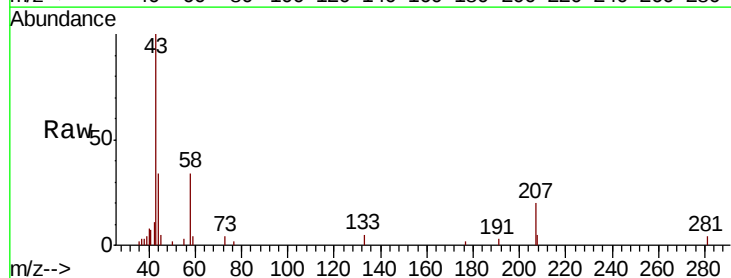
Instrument :
MSVOA_X
ClientSampleId :
SS050MW504-200528

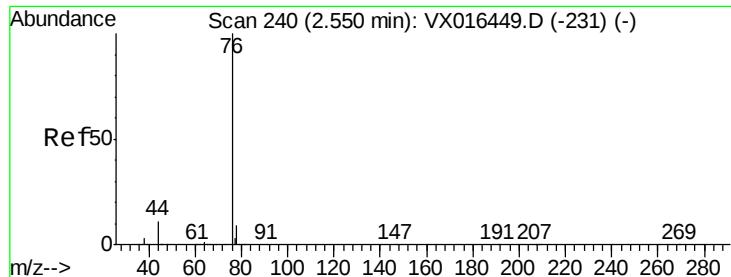
Tot Ion: 56 Resp: 259
Ion Ratio Lower Upper
56 100
55 65.6 58.3 87.5



#16
Acetone
Concen: 2.508 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016532.D
Acq: 01 Jun 2020 16:29

Tgt Ion: 43 Resp: 3579
Ion Ratio Lower Upper
43 100
58 35.0 26.1 39.1

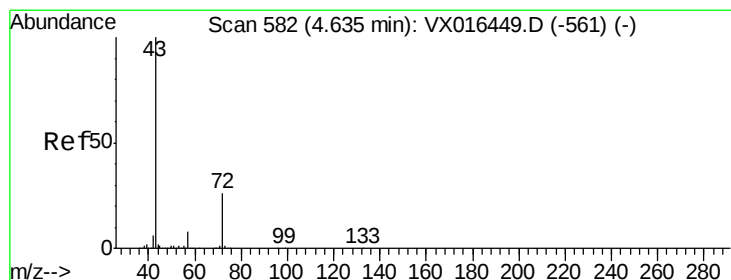
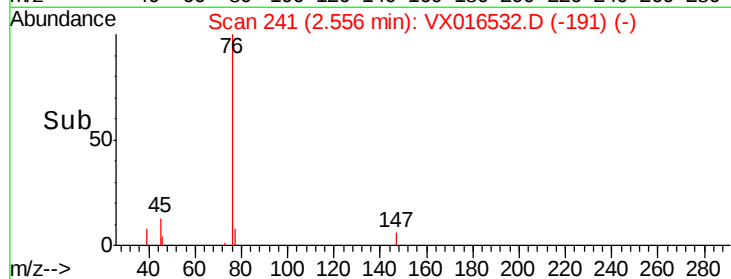
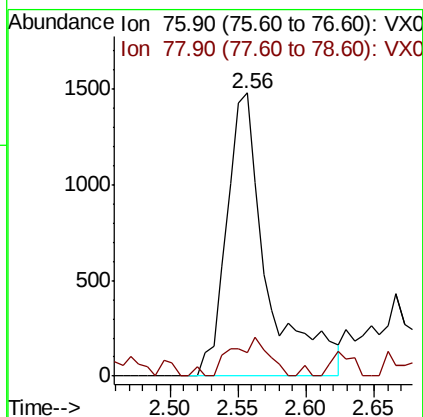
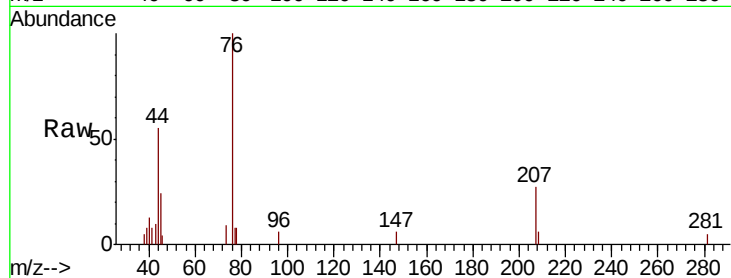




#17
Carbon Disulfide
Concen: 0.409 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX016532.D
Acq: 01 Jun 2020 16:29

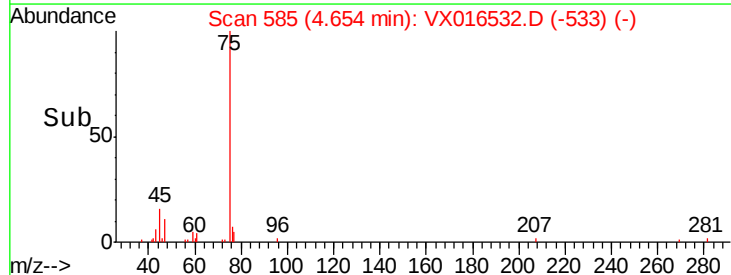
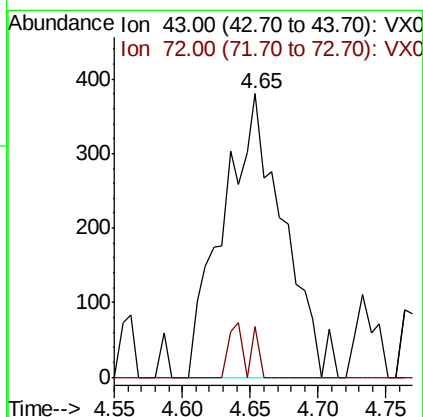
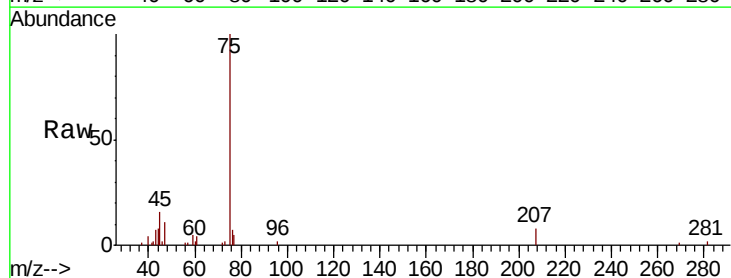
Instrument :
MSVOA_X
ClientSampleId :
SS050MW504-200528

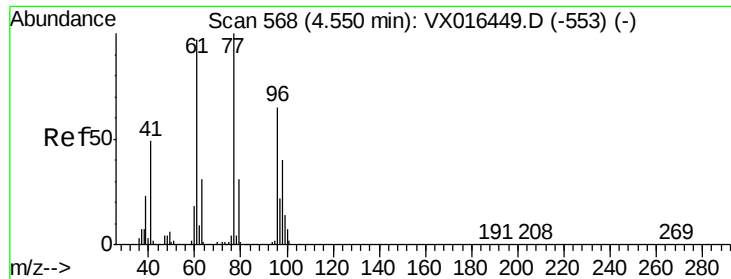
Tot Ion: 76 Resp: 3065
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#25
2-Butanone
Concen: 0.483 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX016532.D
Acq: 01 Jun 2020 16:29

Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
72 17.9 21.0 31.6#





#26

2,2-Dichloropropane

Concen: 0.211 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.09 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

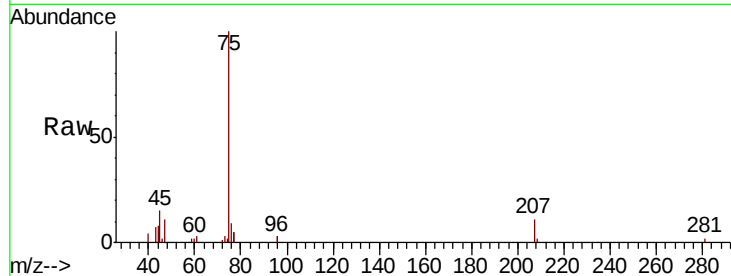
SS050MW504-200528

Tot Ion: 77 Resp: 868

Ion Ratio Lower Upper

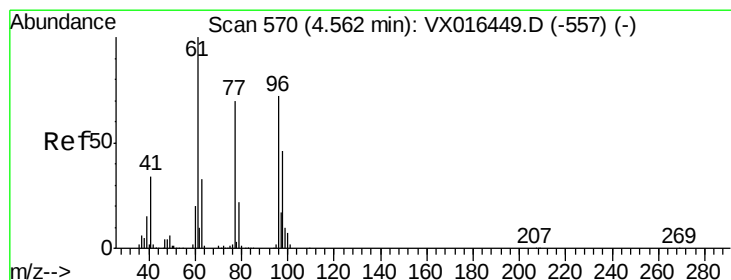
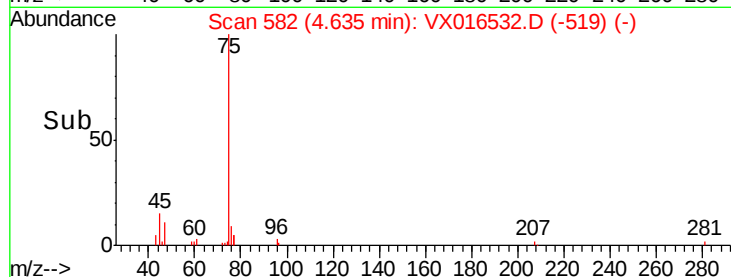
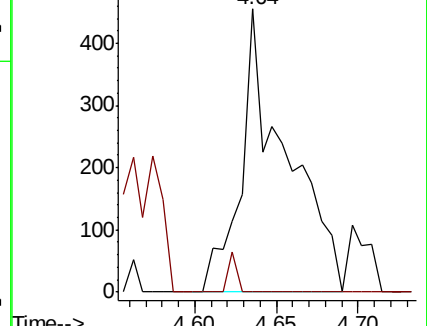
77 100

97 2.8 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.737 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

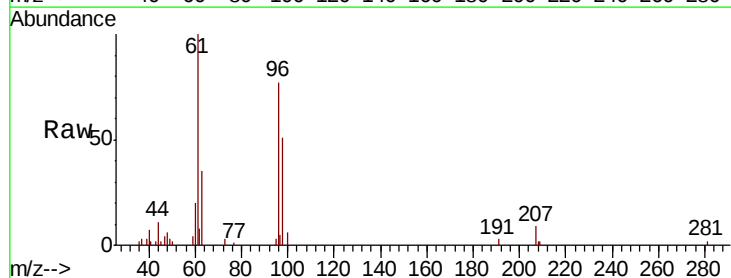
Tgt Ion: 96 Resp: 8836

Ion Ratio Lower Upper

96 100

61 121.9 0.0 284.6

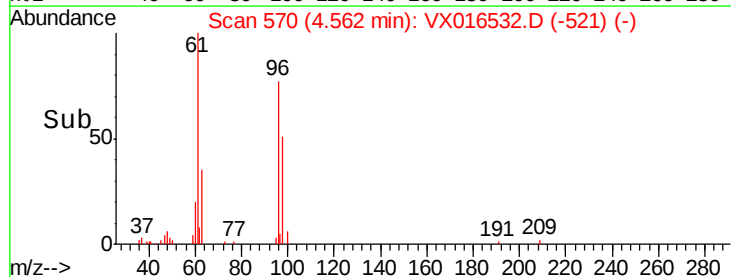
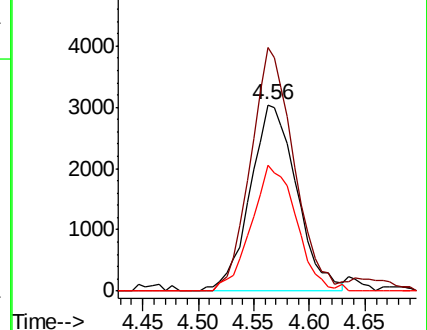
98 65.1 0.0 127.2

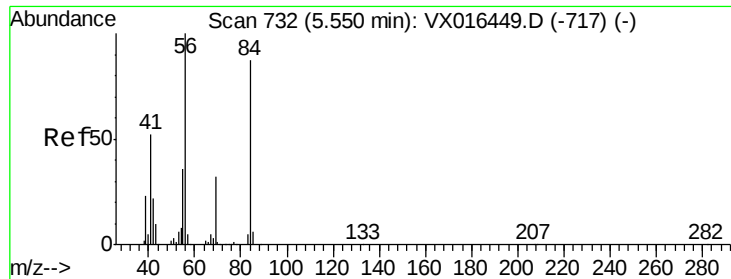


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

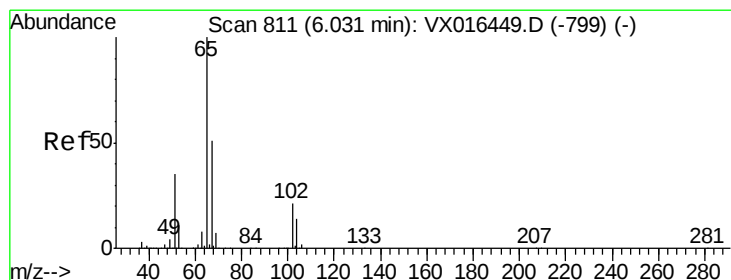
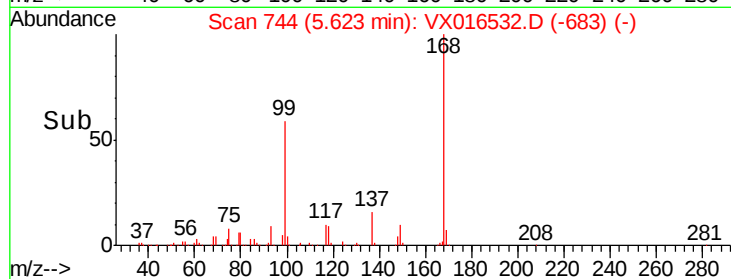
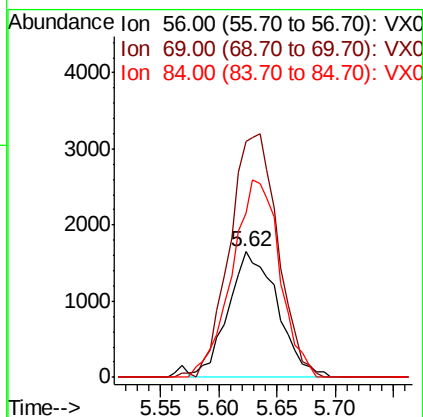
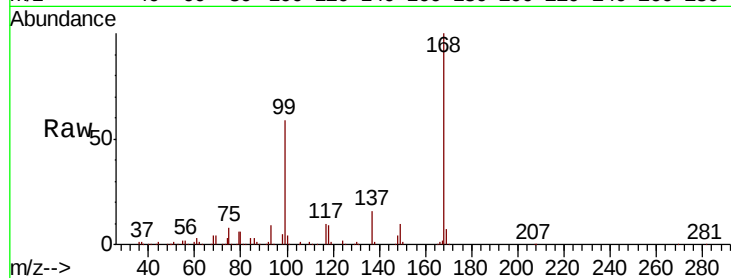




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016532.D
Acq: 01 Jun 2020 16:29

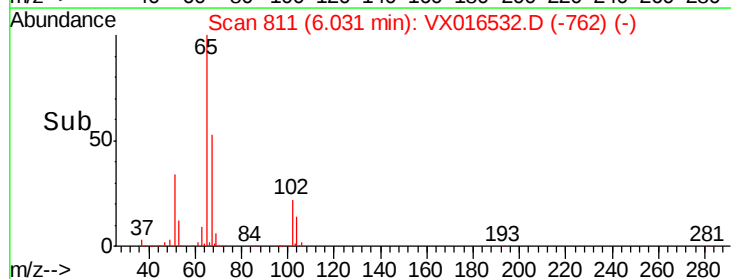
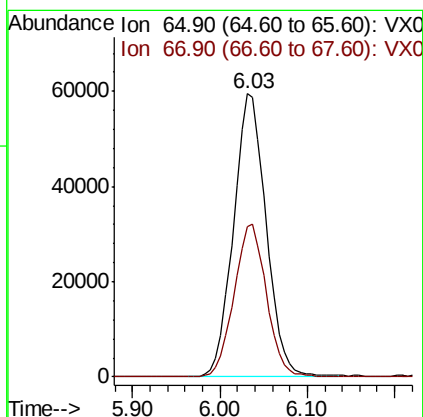
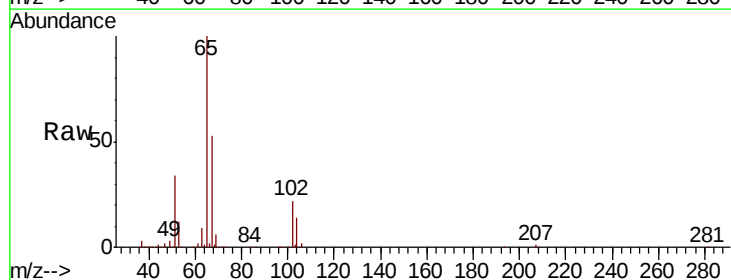
Instrument :
MSVOA_X
ClientSampleId :
SS050MW504-200528

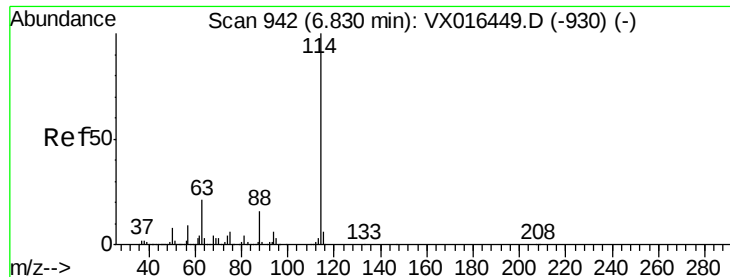
Tot Ion: 56 Resp: 4875
Ion Ratio Lower Upper
56 100
69 188.2 25.7 38.5#
84 130.4 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 47.454 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016532.D
Acq: 01 Jun 2020 16:29

Tgt Ion: 65 Resp: 154539
Ion Ratio Lower Upper
65 100
67 53.5 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: VX016532.D

Acq: 01 Jun 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

SS050MW504-200528

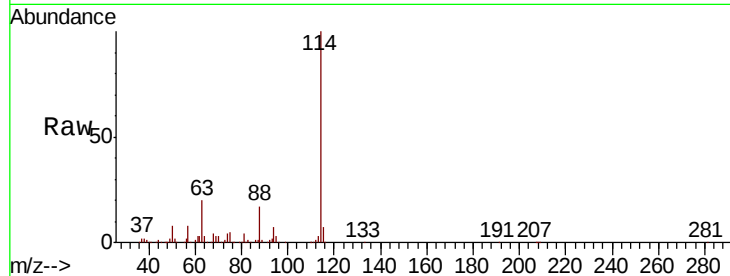
Tot Ion:114 Resp: 424043

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

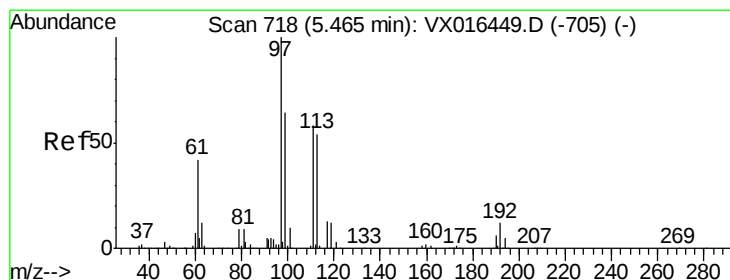
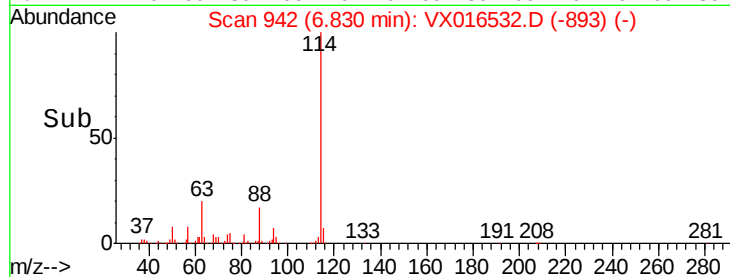
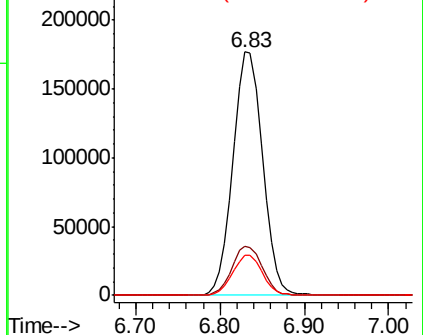
88 16.5 0.0 32.8



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: 48.563 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

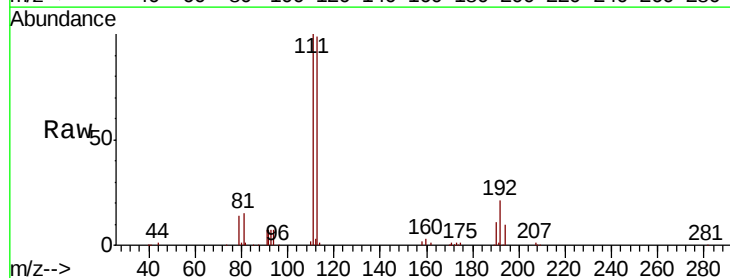
Tgt Ion:113 Resp: 126799

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

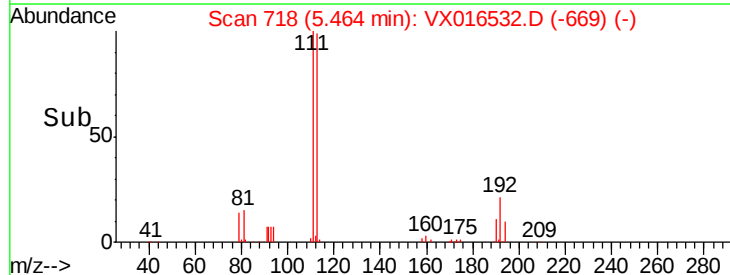
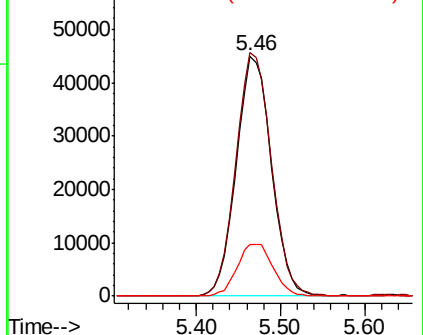
192 22.2 17.7 26.5

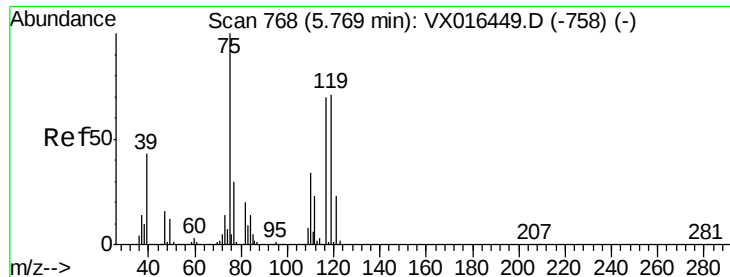


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.659 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

SS050MW504-200528

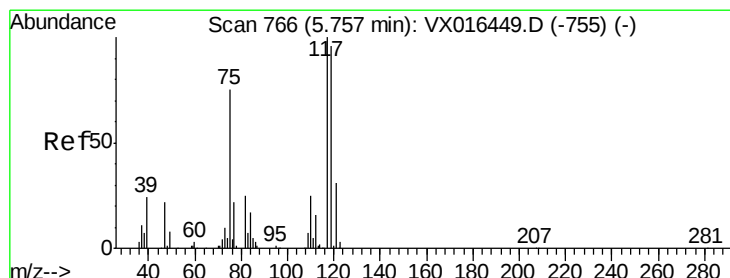
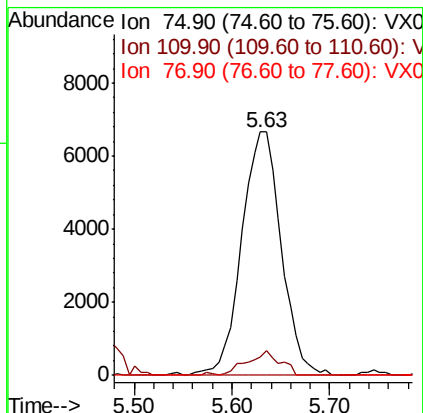
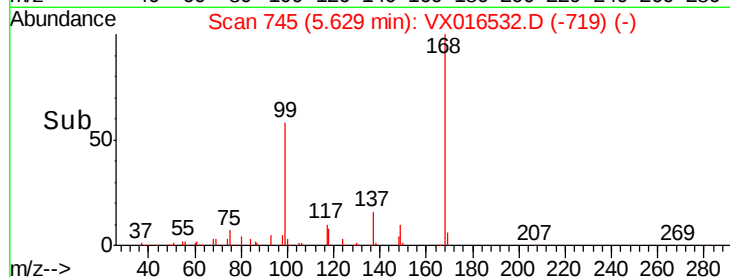
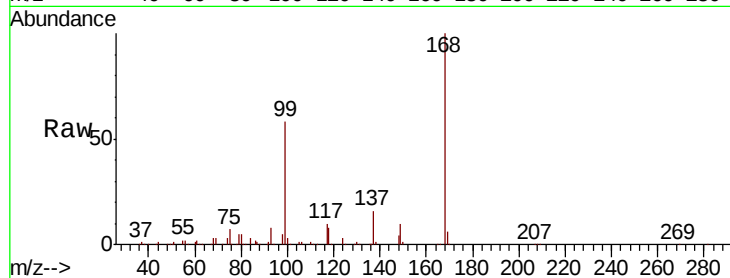
Tot Ion: 75 Resp: 18706

Ion Ratio Lower Upper

75 100

110 8.4 17.4 52.3#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.925 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

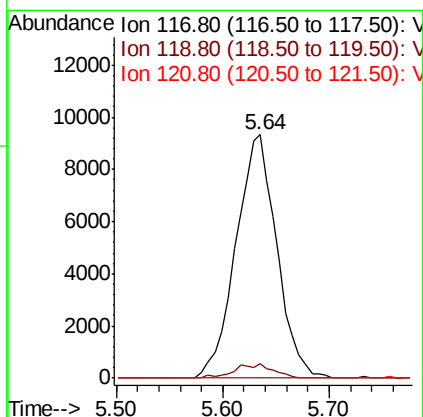
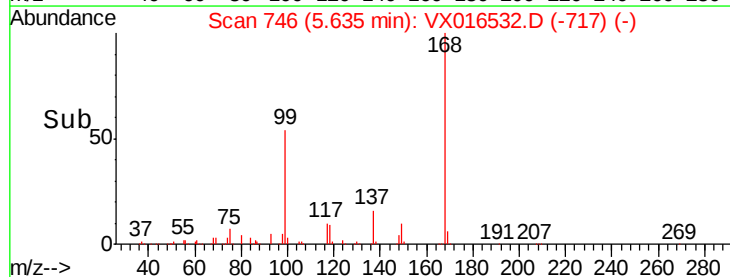
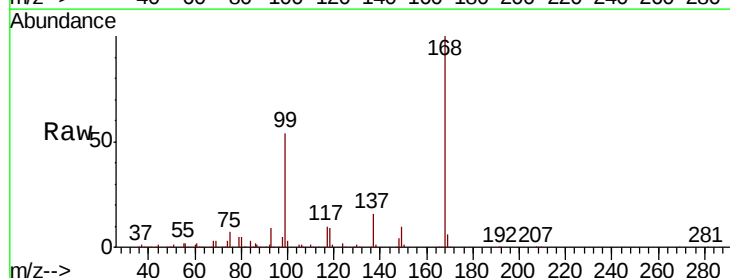
Tgt Ion: 117 Resp: 24998

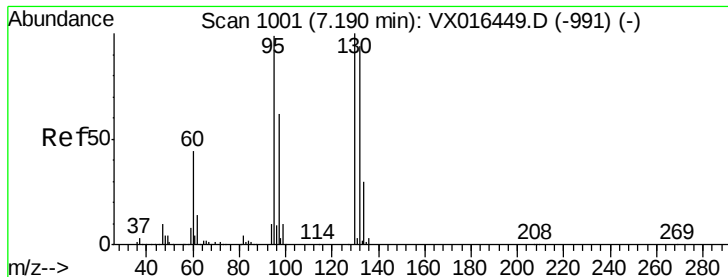
Ion Ratio Lower Upper

117 100

119 5.8 76.3 114.5#

121 0.0 24.6 37.0#





#44

Trichloroethene

Concen: 0.202 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

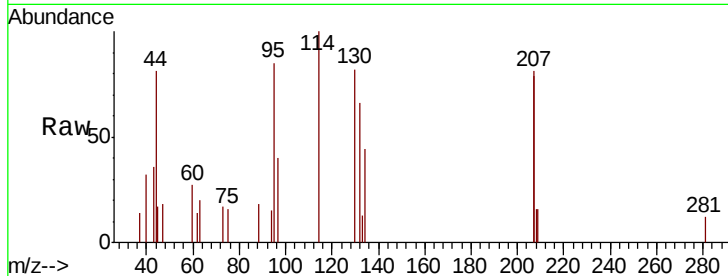
SS050MW504-200528

Tot Ion:130 Resp: 767

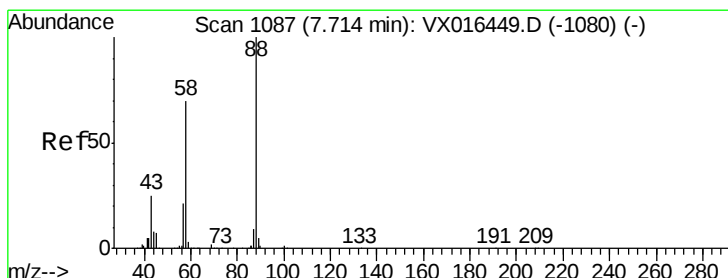
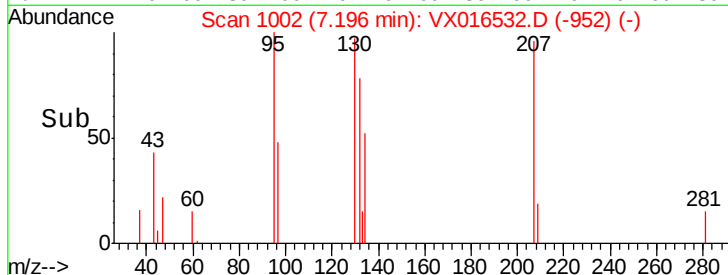
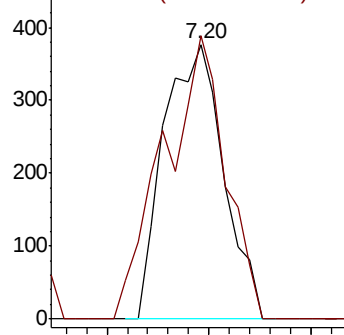
Ion Ratio Lower Upper

130 100

95 102.9 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V



#49

1,4-Dioxane

Concen: 2.042 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.02 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

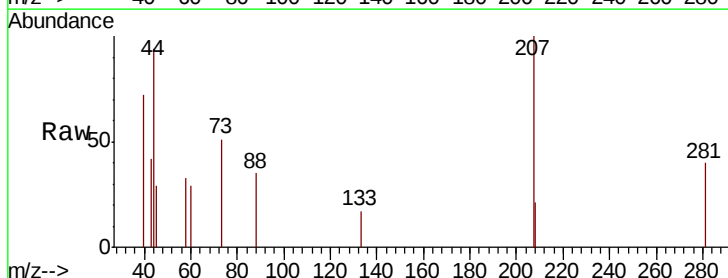
Tgt Ion: 88 Resp: 172

Ion Ratio Lower Upper

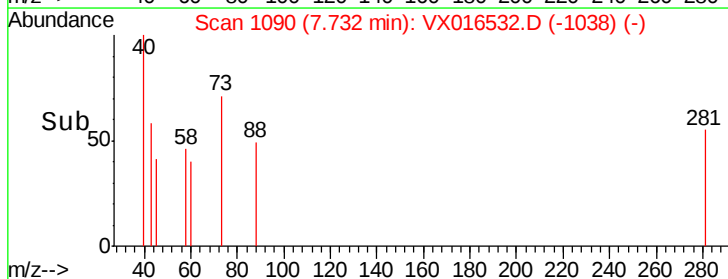
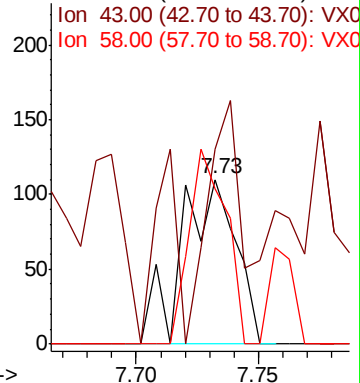
88 100

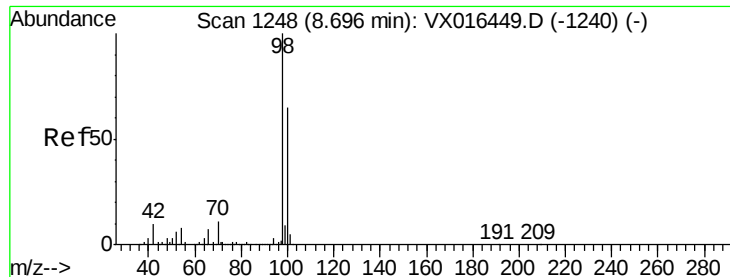
43 98.8 24.2 36.4#

58 80.2 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0





#50

Toluene-d8

Concen: 52.271 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

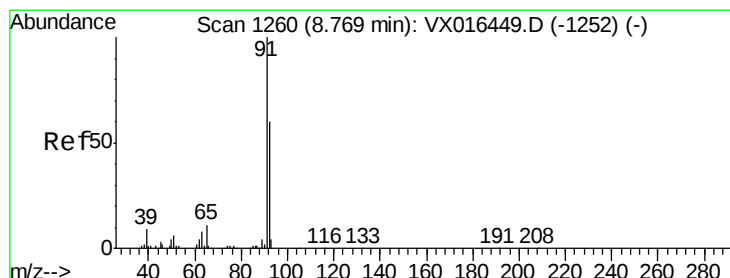
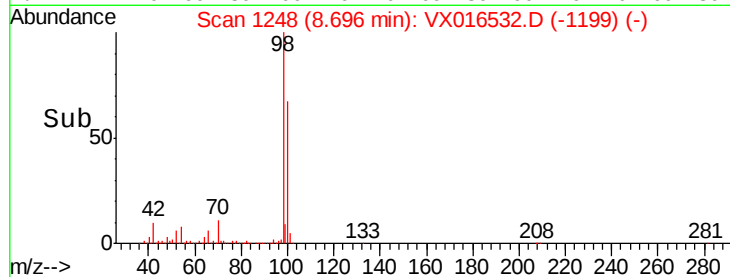
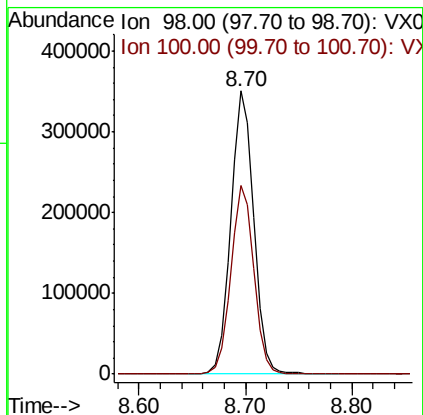
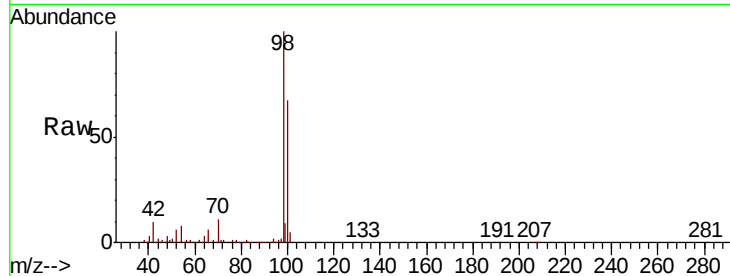
SS050MW504-200528

Tot Ion: 98 Resp: 531215

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.6



#52

Toluene

Concen: 0.464 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016532.D

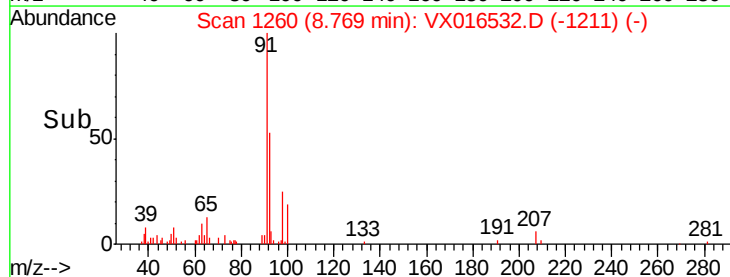
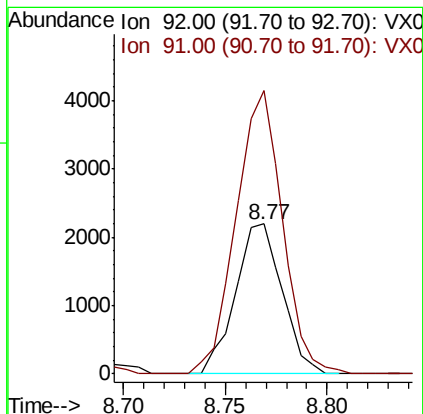
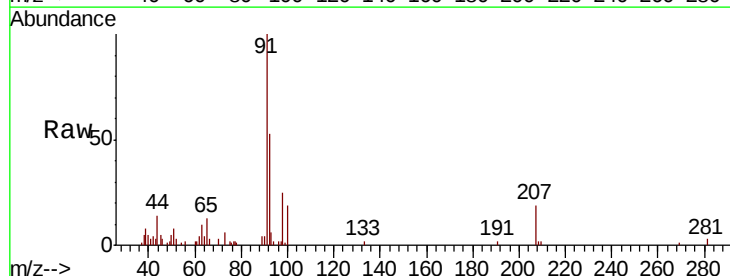
Acq: 01 Jun 2020 16:29

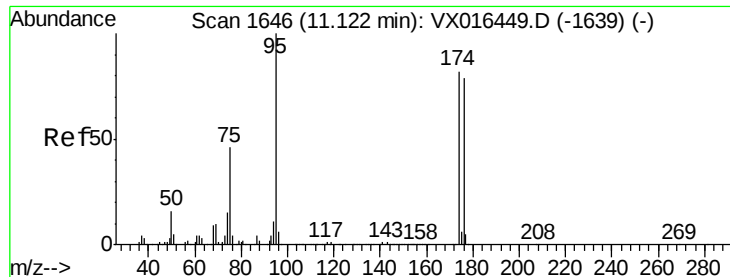
Tgt Ion: 92 Resp: 3495

Ion Ratio Lower Upper

92 100

91 187.6 135.0 202.4





#62

4-Bromofluorobenzene

Concen: 54.995 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

SS050MW504-200528

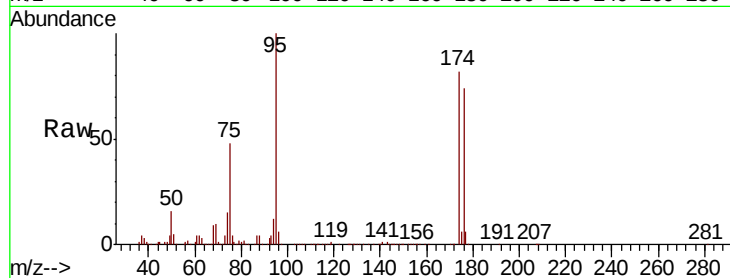
Tot Ion: 95 Resp: 215958

Ion Ratio Lower Upper

95 100

174 83.0 0.0 163.0

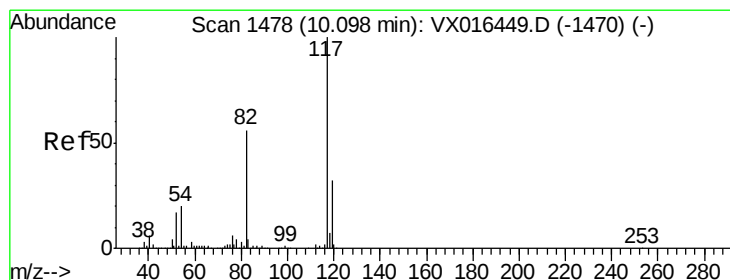
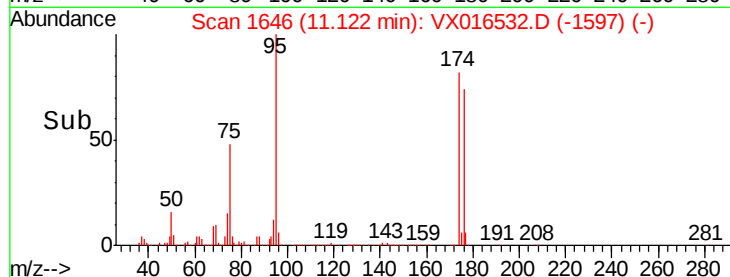
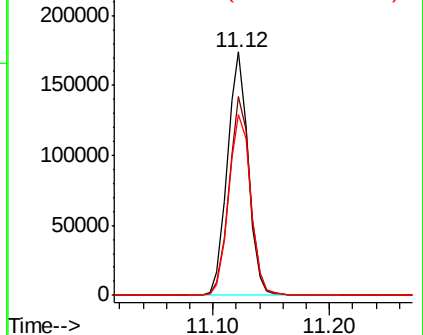
176 78.9 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

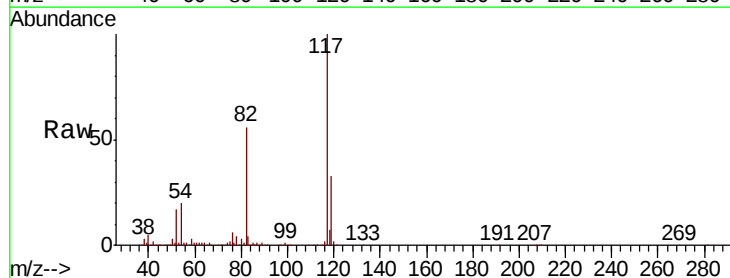
Tgt Ion: 117 Resp: 421242

Ion Ratio Lower Upper

117 100

82 56.1 45.0 67.6

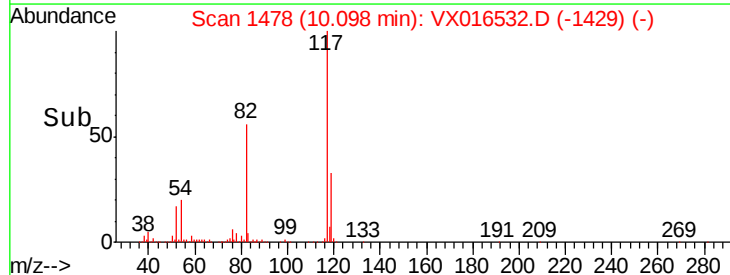
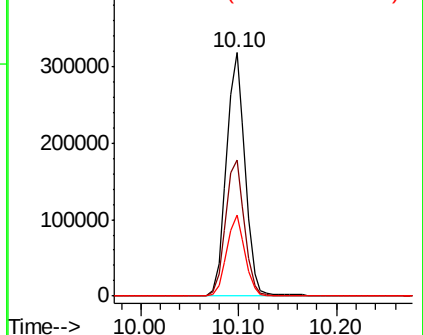
119 33.4 25.8 38.8

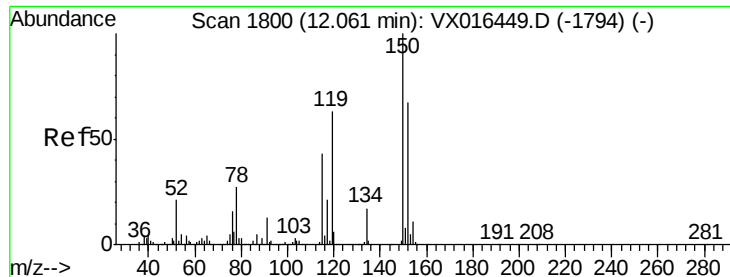


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

SS050MW504-200528

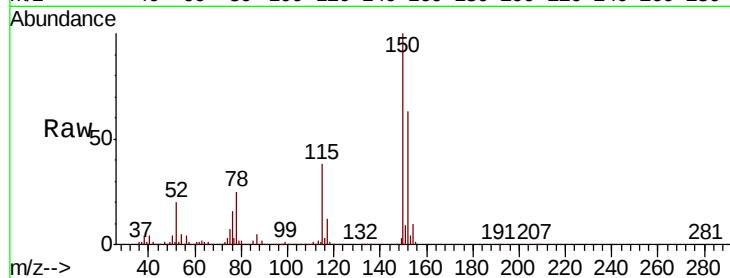
Tot Ion:152 Resp: 222970

Ion Ratio Lower Upper

152 100

115 59.0 39.9 119.6

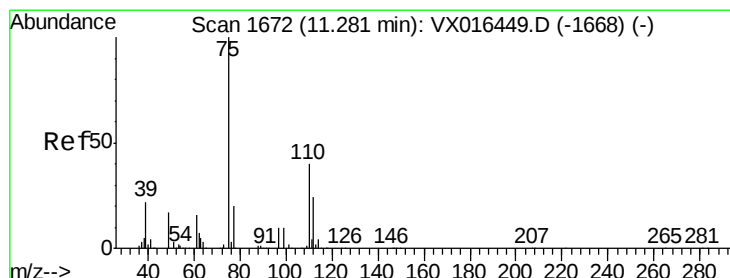
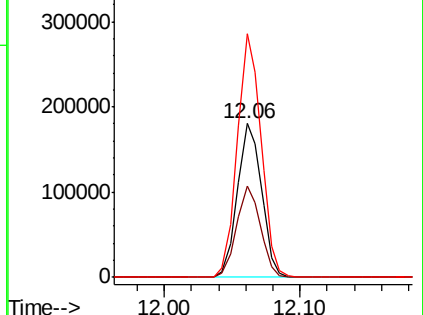
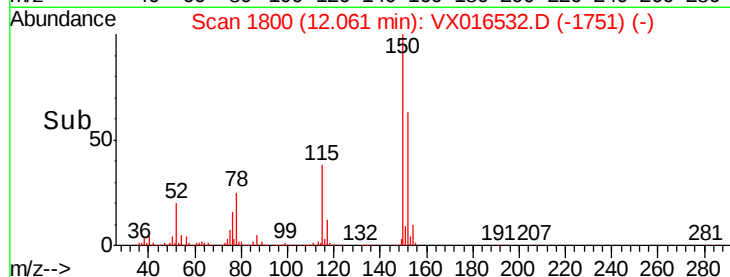
150 156.2 0.0 341.0



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: 21.335 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016532.D

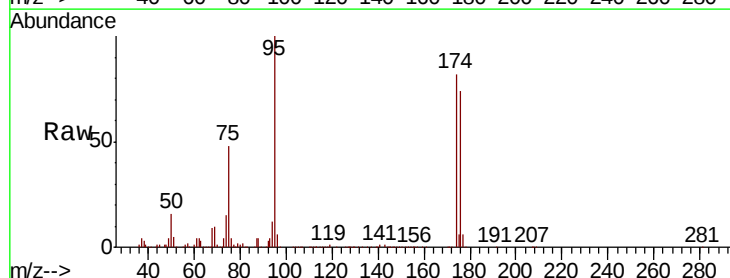
Acq: 01 Jun 2020 16:29

Tgt Ion: 75 Resp: 104565

Ion Ratio Lower Upper

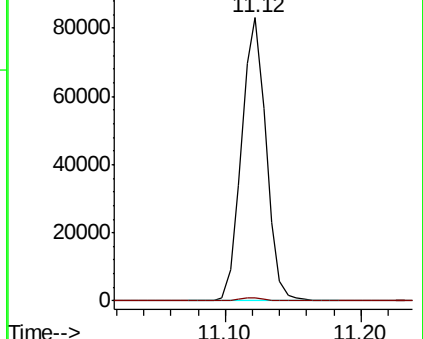
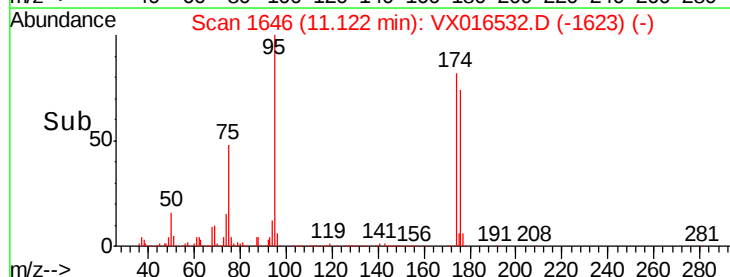
75 100

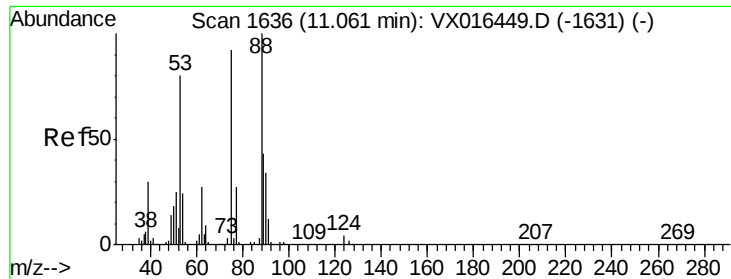
77 1.1 21.3 63.7#



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: 52.482 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016532.D

Acq: 01 Jun 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

SS050MW504-200528

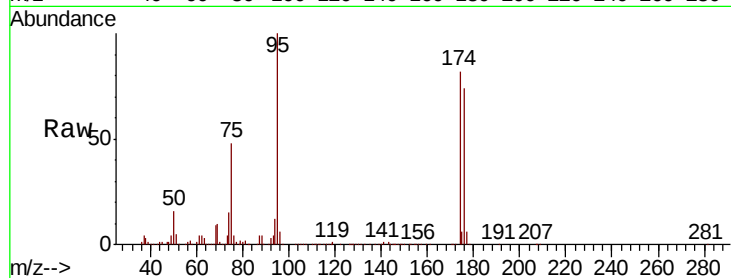
Tot Ion: 75 Resp: 104565

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.1 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

