

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016564.D
 Acq On : 03 Jun 2020 13:41
 Operator : JC/SP
 Sample : L2867-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-GMZ5-ER1

Quant Time: Jun 04 08:24:09 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	5.63	168	263310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	427685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211718	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	154391	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
35) Dibromofluoromethane	5.46	113	126674	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	8.70	98	530139	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.12	95	214245	54.65	ug/l	0.00
Spiked Amount			Recovery	=	109.30%	

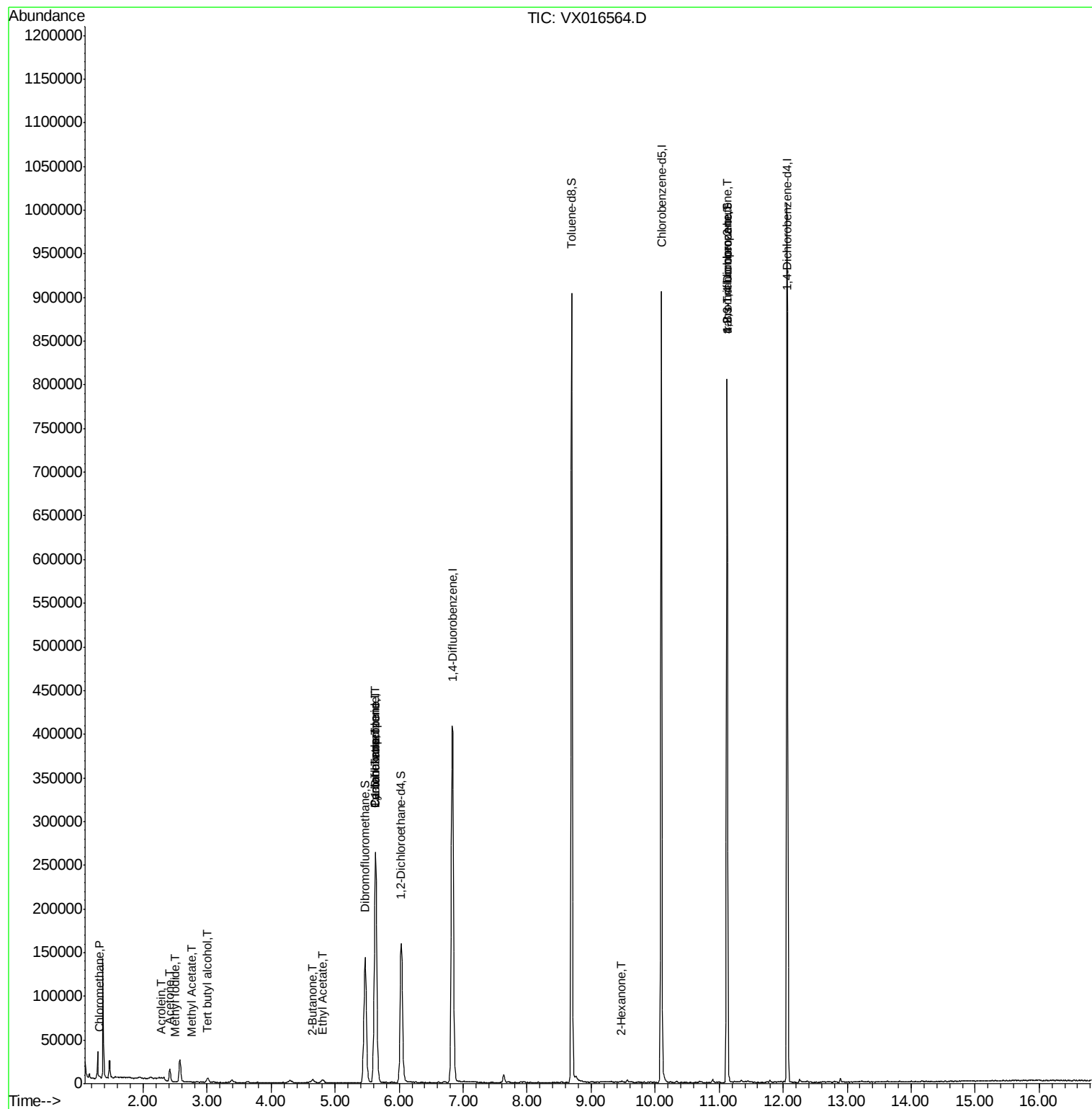
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	745	0.238	ug/l	98
10) Methyl Iodide	2.50	142	118	3.094	ug/l #	70
11) Tert butyl alcohol	3.01	59	6679	7.965	ug/l	95
13) Acrolein	2.27	56	365	1.023	ug/l #	68
16) Acetone	2.42	43	14022	9.787	ug/l	98
18) Methyl Acetate	2.76	43	762	0.207	ug/l #	69
25) 2-Butanone	4.64	43	4584	1.888	ug/l #	85
31) Cyclohexane	5.63	56	4703	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	18912	4.718	ug/l #	50
37) Ethyl Acetate	4.80	43	6702	1.393	ug/l	96
38) Carbon Tetrachloride	5.63	117	24878	5.906	ug/l #	17
59) 2-Hexanone	9.48	43	1267	0.349	ug/l	78
76) 1,2,3-Trichloropropane	11.12	75	103747	22.294	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	103747	54.839	ug/l #	14

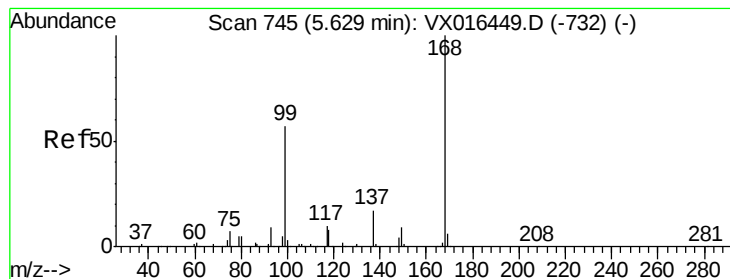
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
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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: VX016564.D

Acq: 03 Jun 2020 13:41

Instrument :

MSVOA_X

ClientSampled :

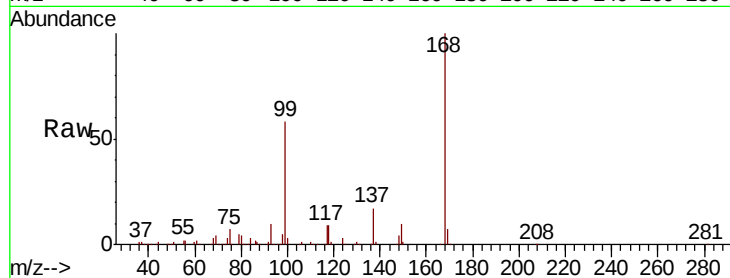
SP20-GMZ5-ER1

Tot Ion:168 Resp: 263310

Ion Ratio Lower Upper

168 100

99 58.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

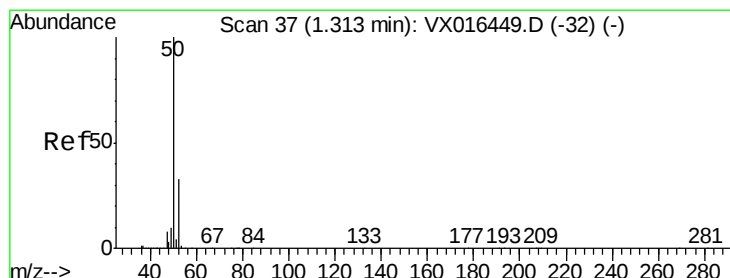
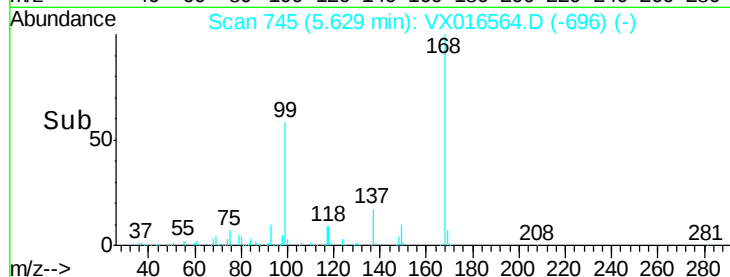
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.238 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016564.D

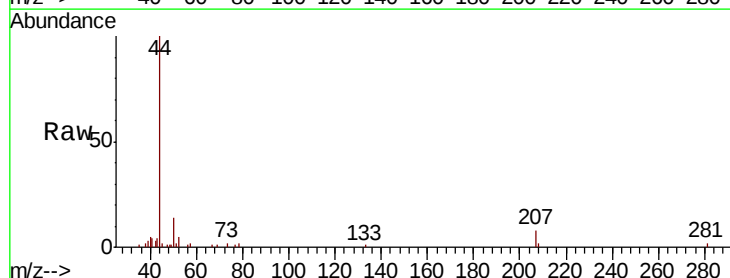
Acq: 03 Jun 2020 13:41

Tgt Ion: 50 Resp: 745

Ion Ratio Lower Upper

50 100

52 31.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

800

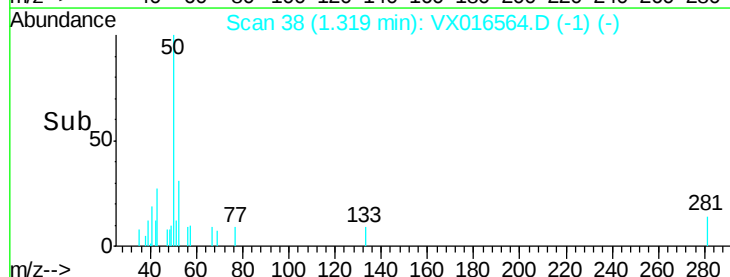
600

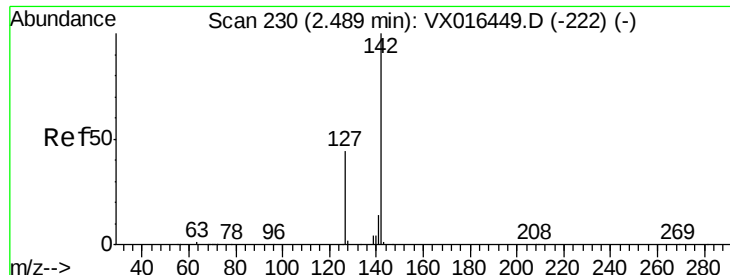
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200

0

Time-->

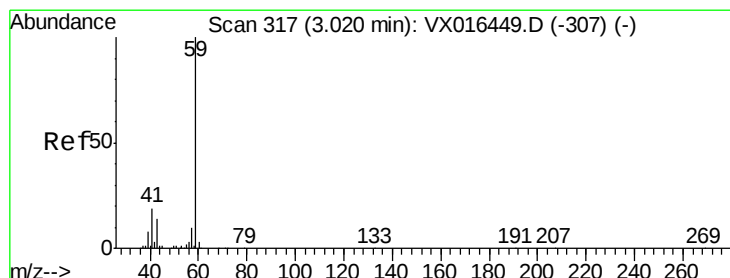
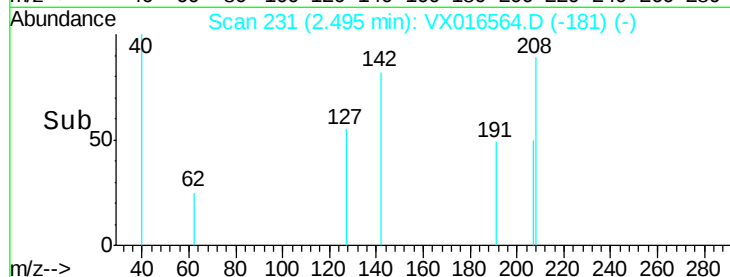
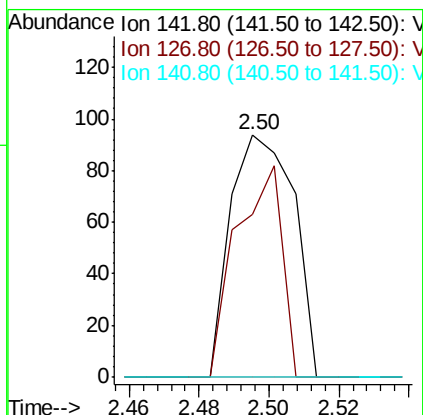
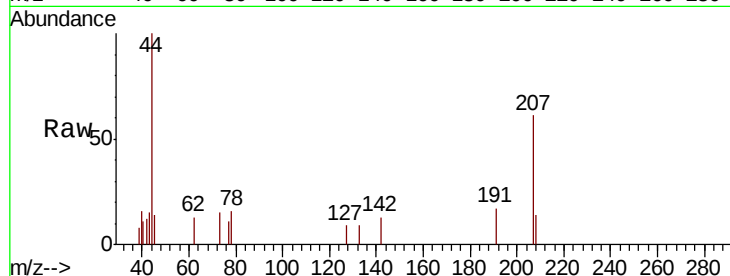




#10
Methyl Iodide
Concen: 3.094 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016564.D
Acq: 03 Jun 2020 13:41

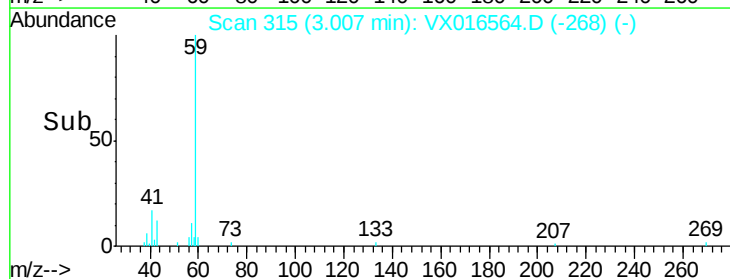
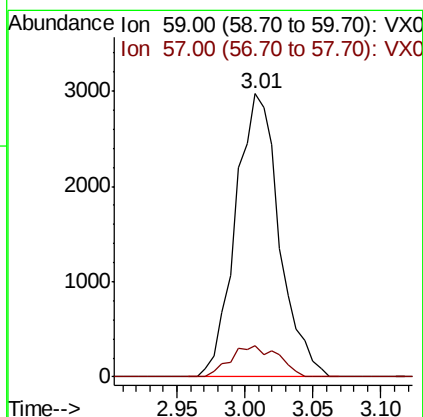
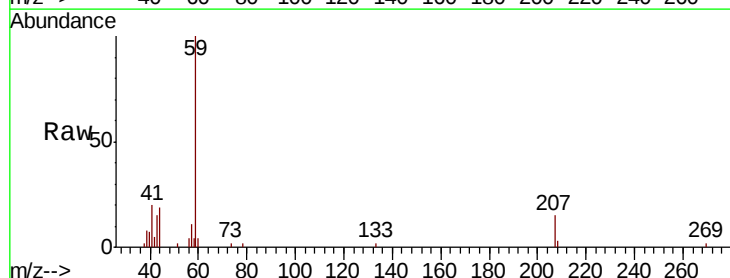
Instrument :
MSVOA_X
ClientSampled :
SP20-GMZ5-ER1

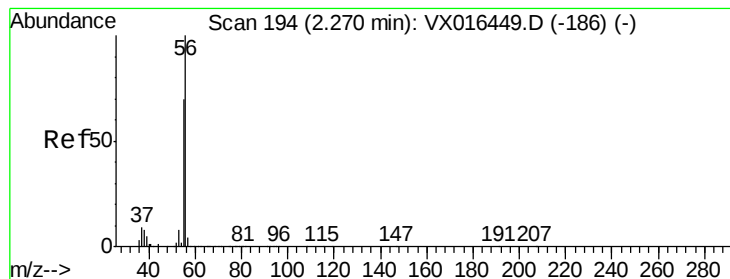
Tot Ion:142 Resp: 118
Ion Ratio Lower Upper
142 100
127 62.7 35.3 52.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 7.965 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016564.D
Acq: 03 Jun 2020 13:41

Tgt Ion: 59 Resp: 6679
Ion Ratio Lower Upper
59 100
57 12.1 8.2 12.4





#13

Acrolein

Concen: 1.023 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016564.D

Acq: 03 Jun 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

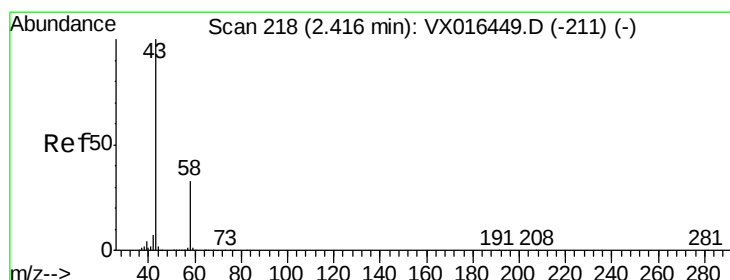
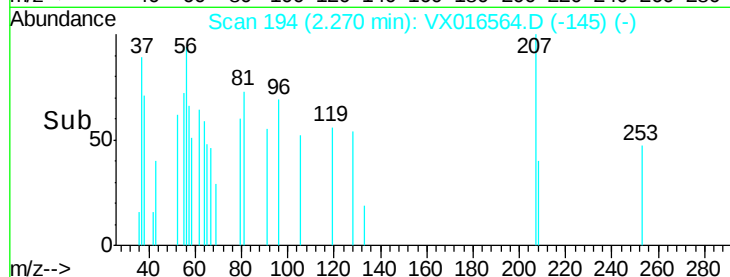
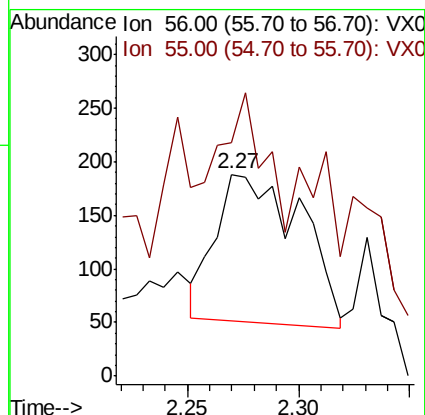
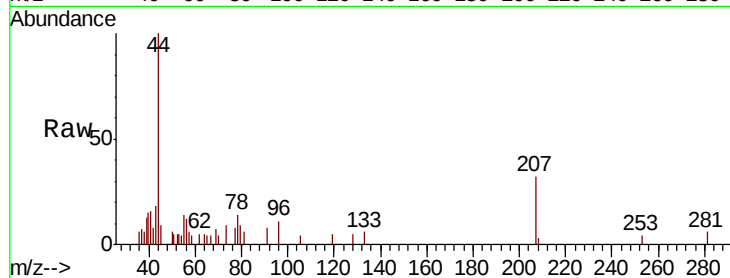
SP20-GMZ5-ER1

Tot Ion: 56 Resp: 365

Ion Ratio Lower Upper

56 100

55 45.8 58.3 87.5#



#16

Acetone

Concen: 9.787 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016564.D

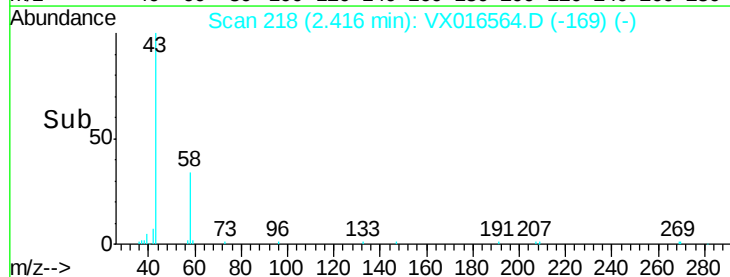
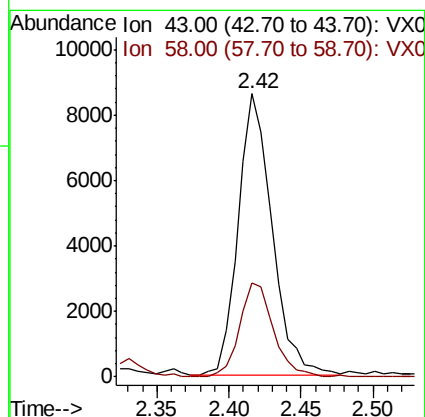
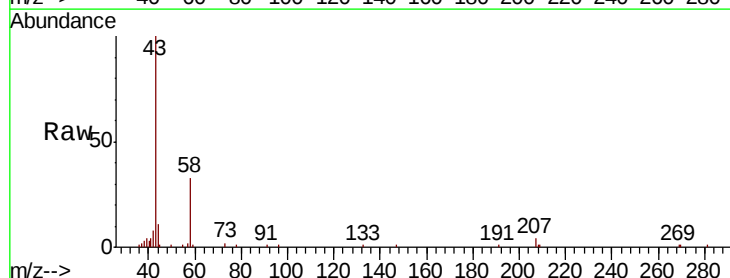
Acq: 03 Jun 2020 13:41

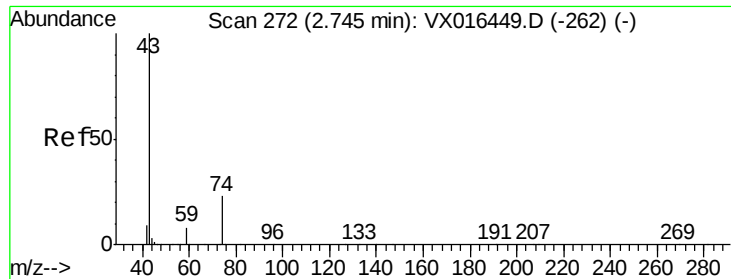
Tgt Ion: 43 Resp: 14022

Ion Ratio Lower Upper

43 100

58 33.5 26.1 39.1

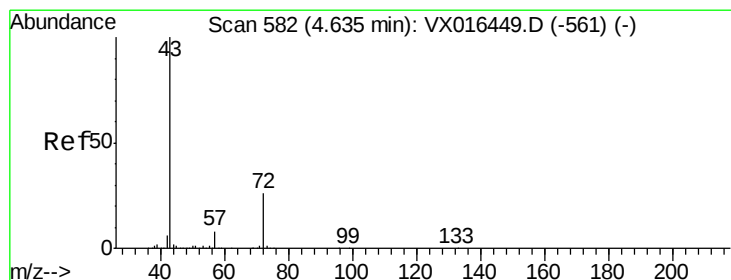
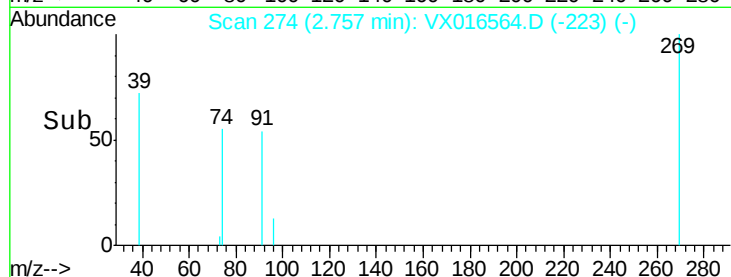
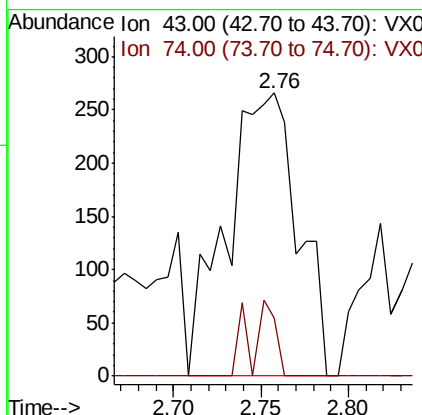
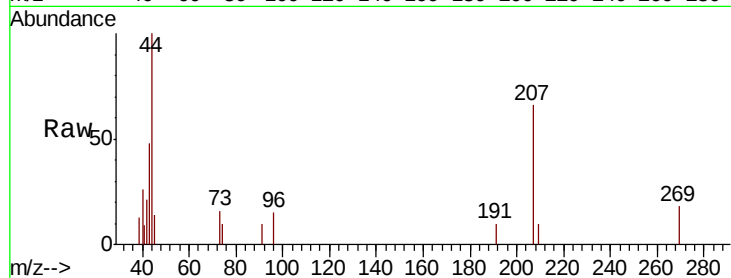




#18
Methyl Acetate
Concen: 0.207 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX016564.D
Acq: 03 Jun 2020 13:41

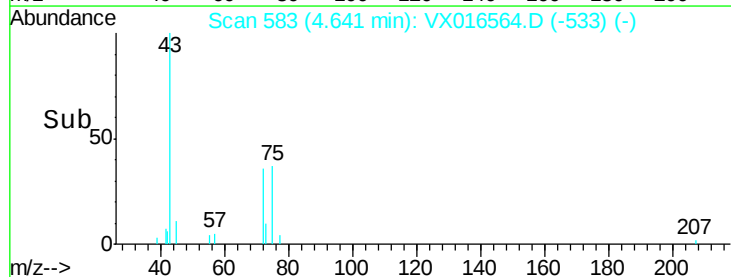
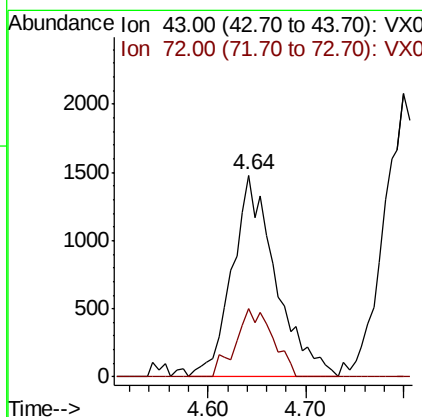
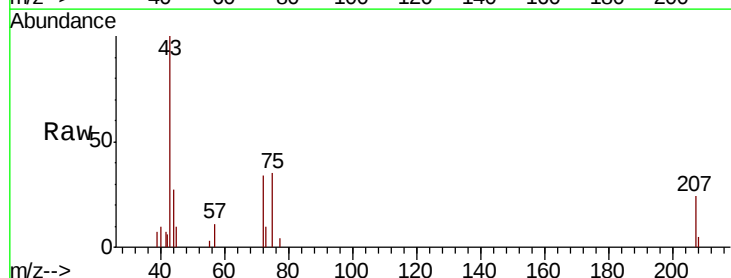
Instrument :
MSVOA_X
ClientSampled :
SP20-GMZ5-ER1

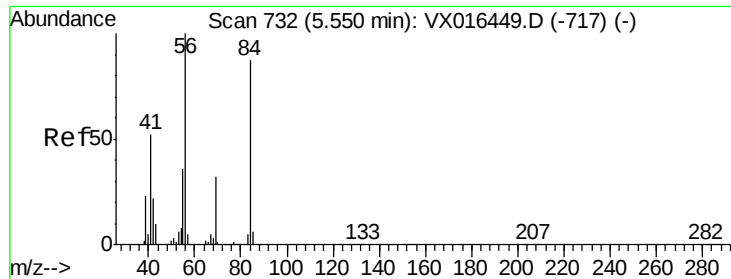
Tot Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
74 9.3 19.7 29.5#



#25
2-Butanone
Concen: 1.888 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016564.D
Acq: 03 Jun 2020 13:41

Tgt Ion: 43 Resp: 4584
Ion Ratio Lower Upper
43 100
72 33.8 21.0 31.6#

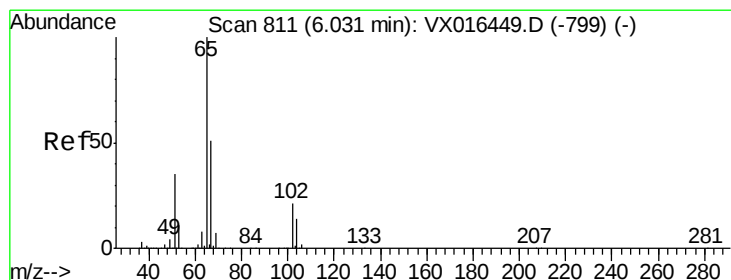
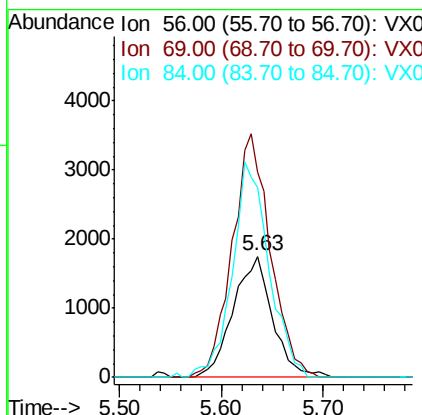
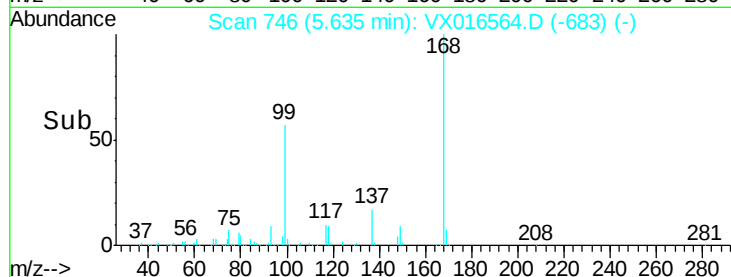
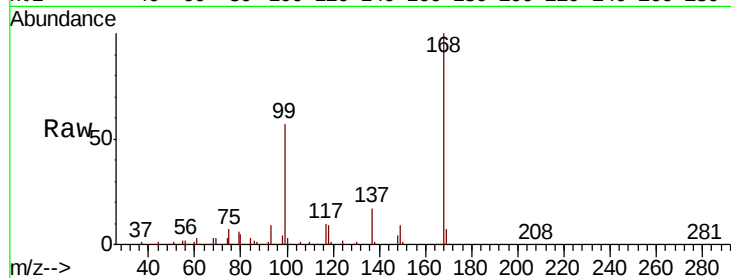




#31
Cvclohexane
Concen: 1.035 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016564.D
Acq: 03 Jun 2020 13:41

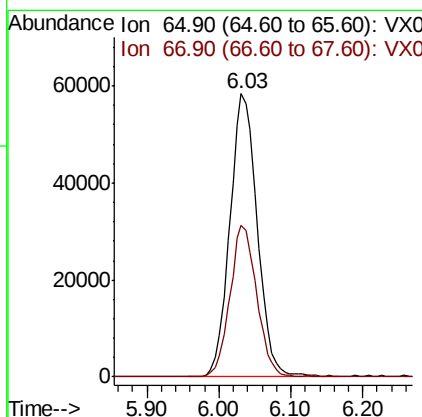
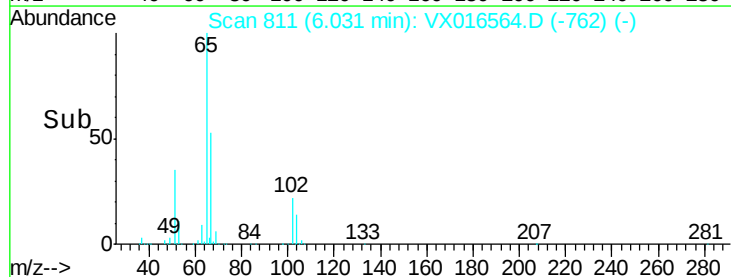
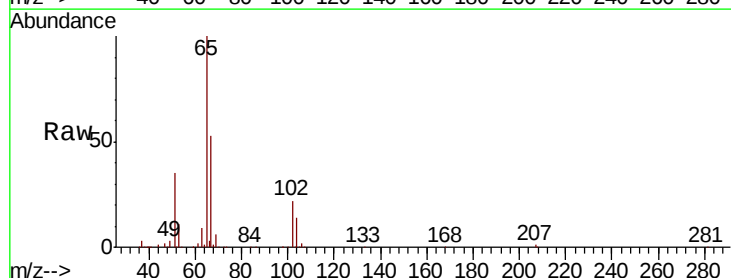
Instrument :
MSVOA_X
ClientSampleId :
SP20-GMZ5-ER1

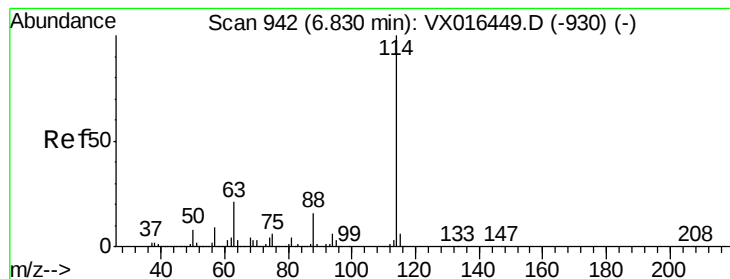
Tot Ion: 56 Resp: 4703
Ion Ratio Lower Upper
56 100
69 169.6 25.7 38.5#
84 157.5 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 47.215 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016564.D
Acq: 03 Jun 2020 13:41

Tgt Ion: 65 Resp: 154391
Ion Ratio Lower Upper
65 100
67 52.4 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: VX016564.D

Acq: 03 Jun 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

SP20-GMZ5-ER1

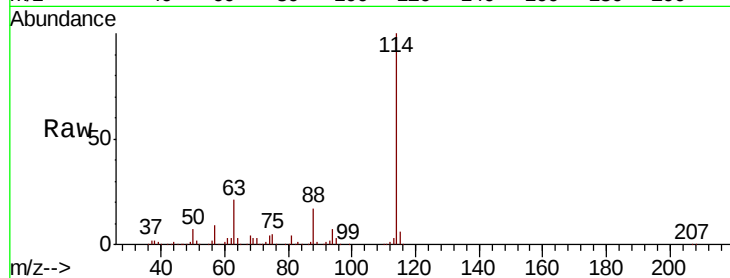
Tot Ion:114 Resp: 423340

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

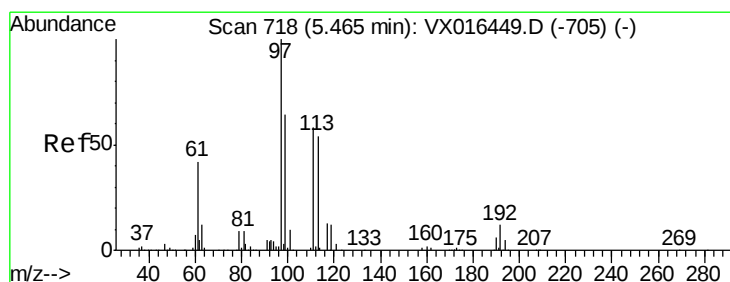
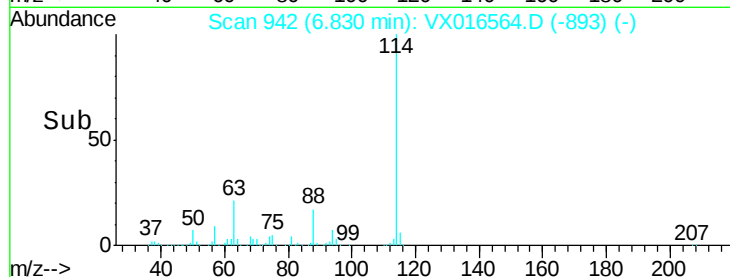
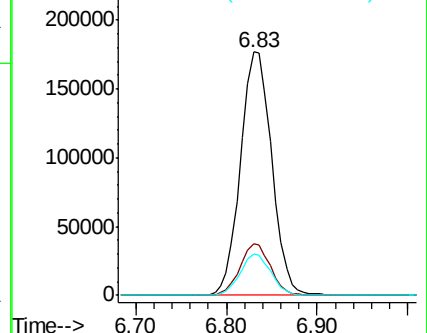
88 16.8 0.0 32.8



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: 48.596 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016564.D

Acq: 03 Jun 2020 13:41

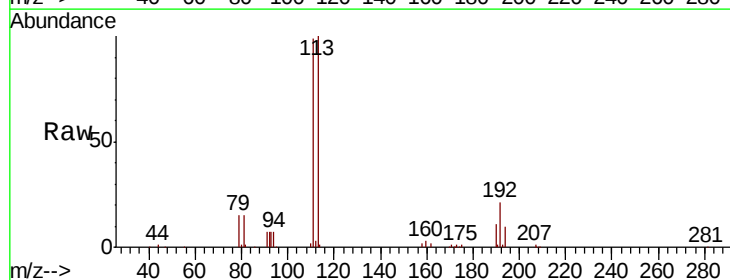
Tgt Ion:113 Resp: 126674

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.6

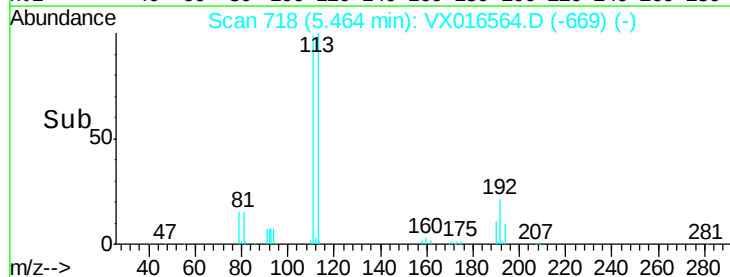
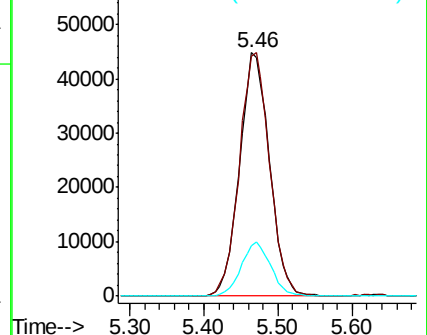
192 21.8 17.7 26.5

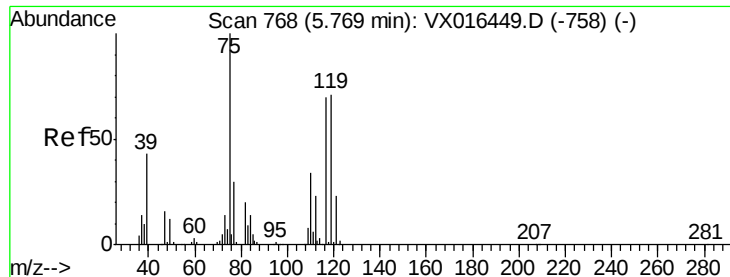


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

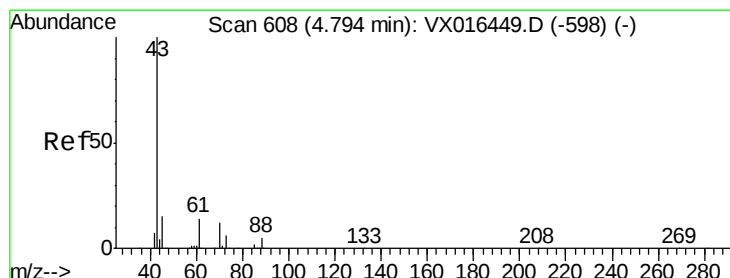
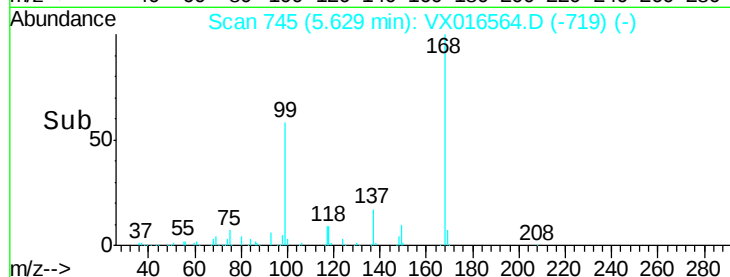
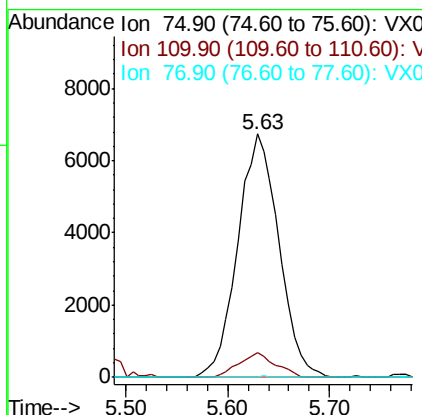
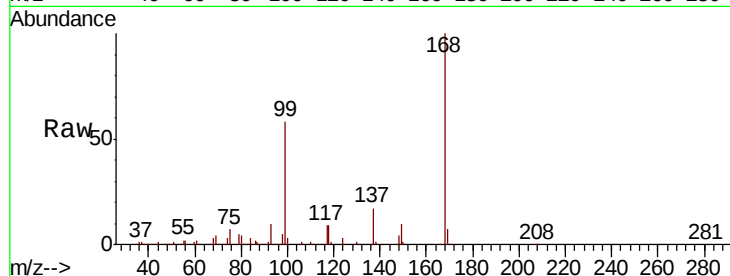




#36
 1,1-Dichloropropene
 Concen: 4.718 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016564.D
 Acq: 03 Jun 2020 13:41

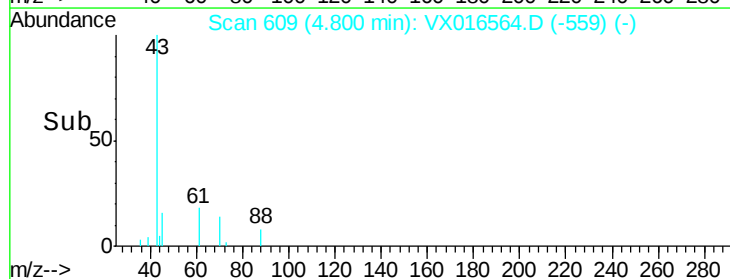
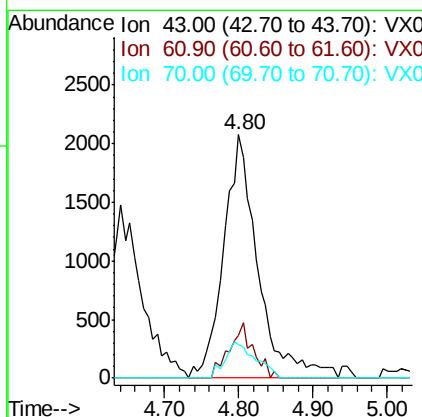
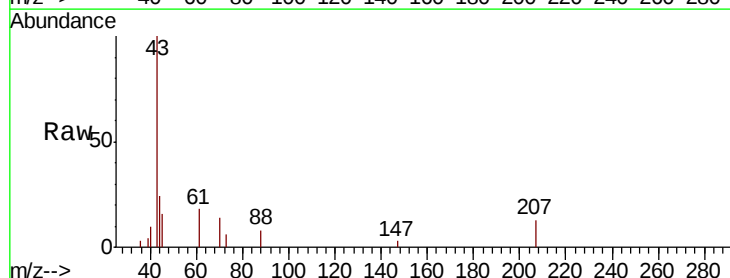
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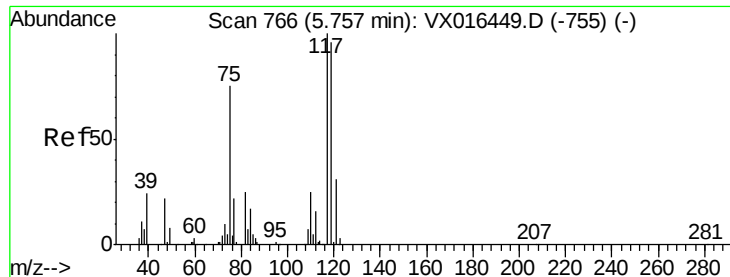
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.4	52.3#
77	0.1	24.2	36.4#



#37
 Ethyl Acetate
 Concen: 1.393 ug/l
 RT: 4.80 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: VX016564.D
 Acq: 03 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.3	16.9
70	13.0	9.3	13.9





#38

Carbon Tetrachloride

Concen: 5.906 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016564.D

Acq: 03 Jun 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

SP20-GMZ5-ER1

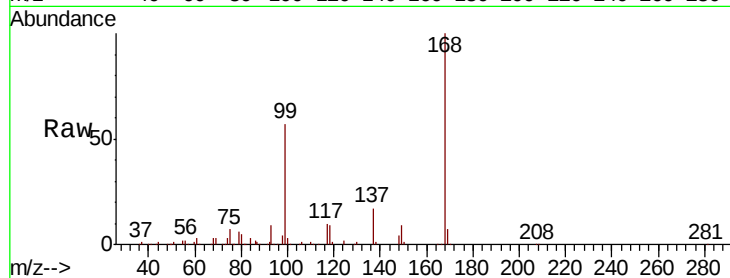
Tot Ion:117 Resp: 24878

Ion Ratio Lower Upper

117 100

119 5.6 76.3 114.5#

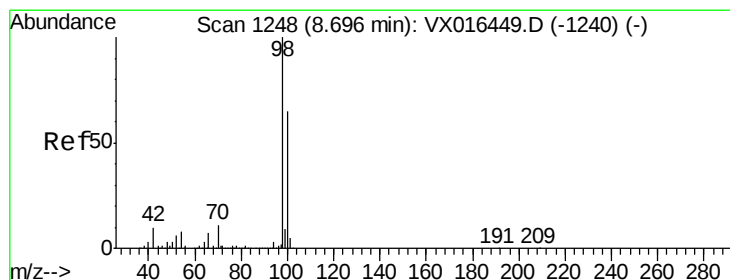
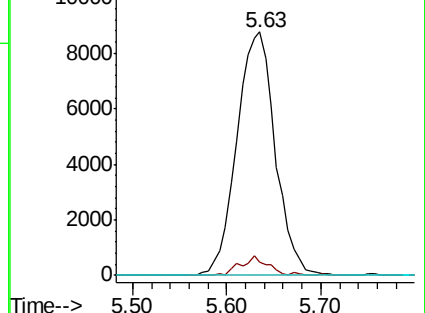
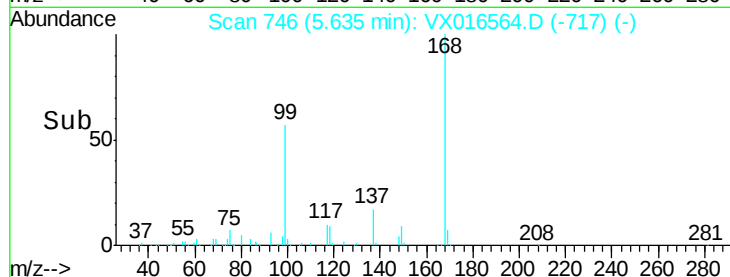
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.252 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016564.D

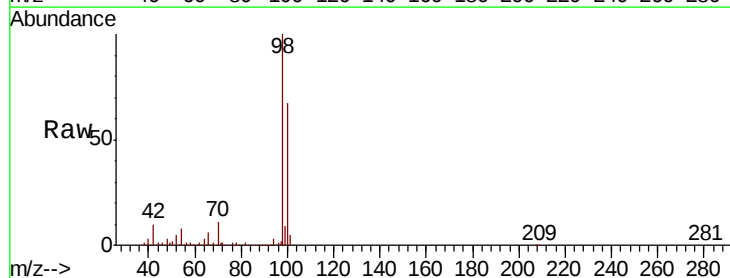
Acq: 03 Jun 2020 13:41

Tgt Ion: 98 Resp: 530139

Ion Ratio Lower Upper

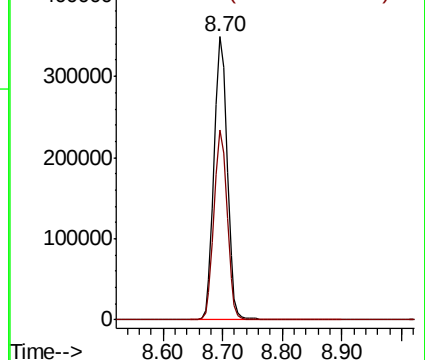
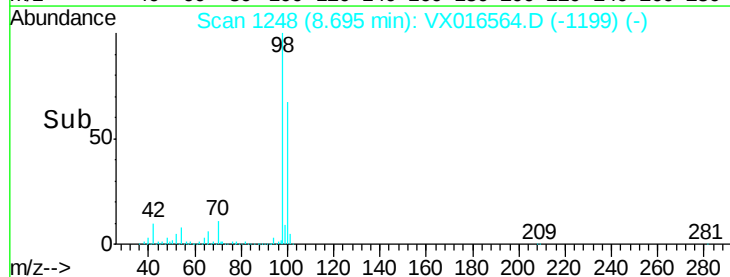
98 100

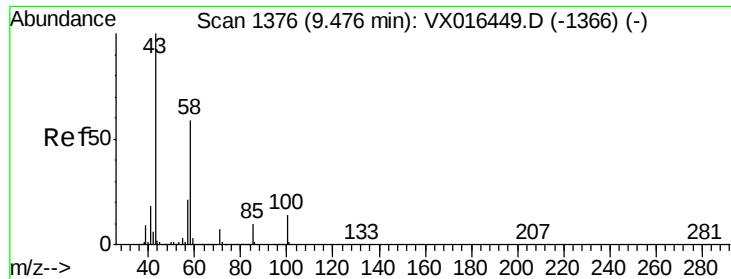
100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

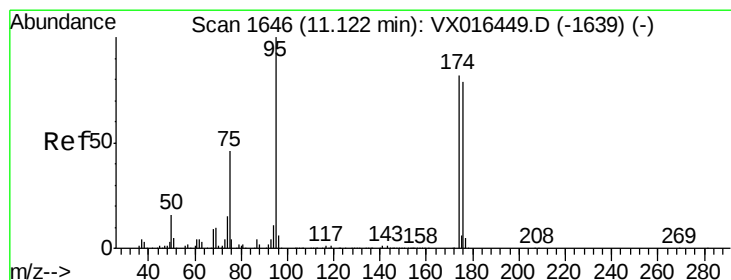
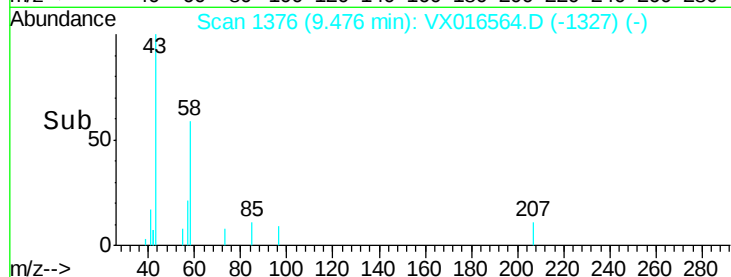
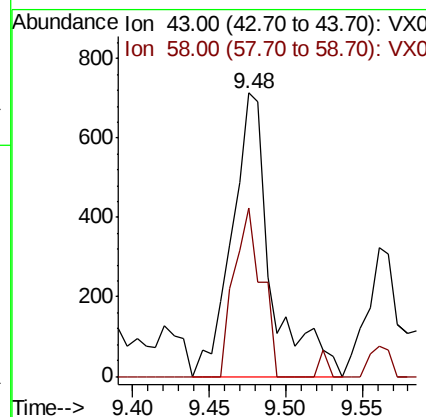
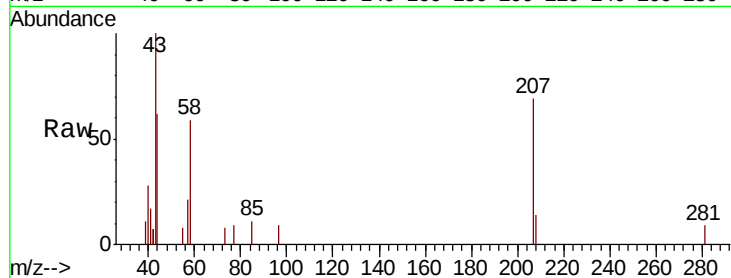




#59
2-Hexanone
Concen: 0.349 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016564.D
Acq: 03 Jun 2020 13:41

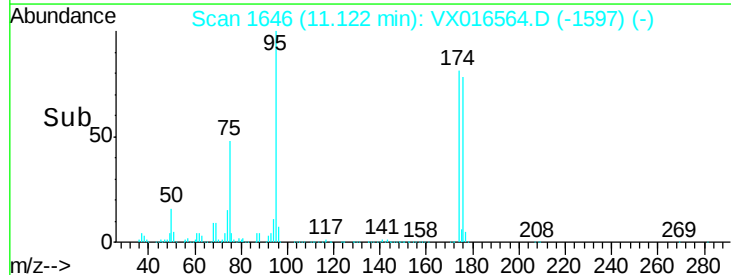
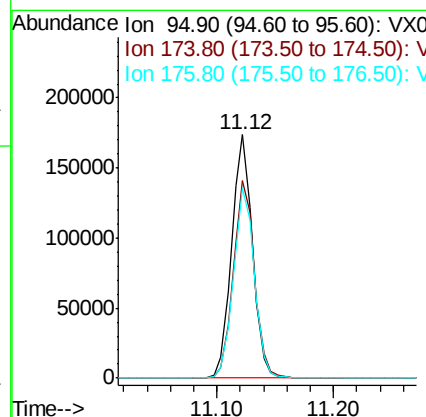
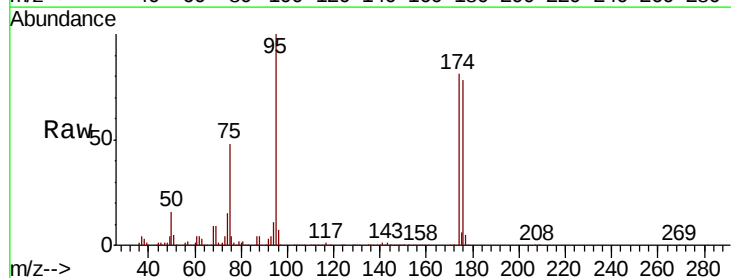
Instrument :
MSVOA_X
ClientSampleId :
SP20-GMZ5-ER1

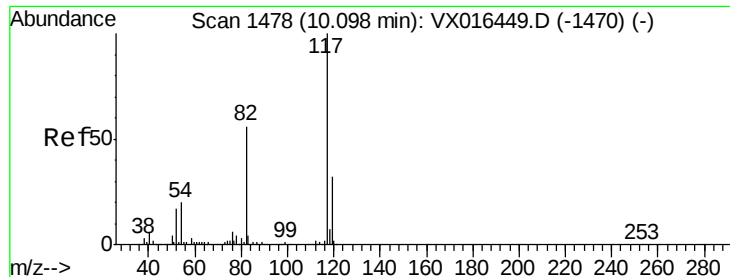
Tot Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 41.5 28.8 86.4



#62
4-Bromofluorobenzene
Concen: 54.650 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016564.D
Acq: 03 Jun 2020 13:41

Tgt Ion: 95 Resp: 214245
Ion Ratio Lower Upper
95 100
174 82.7 0.0 163.0
176 79.1 0.0 156.8

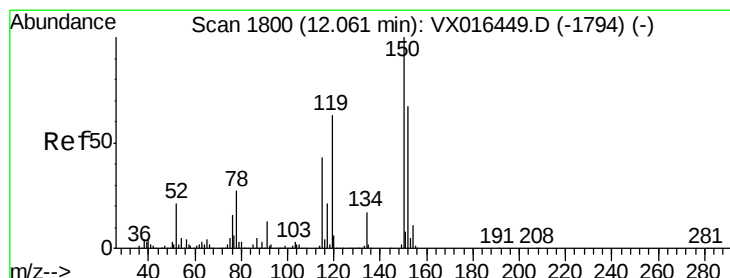
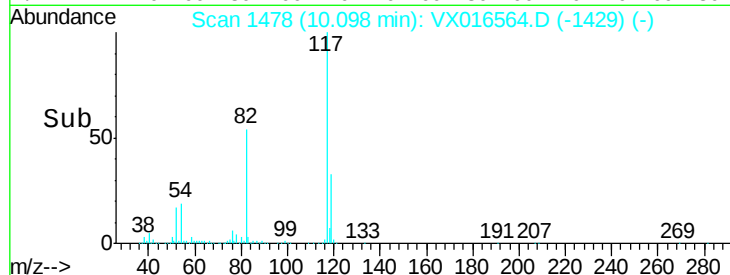
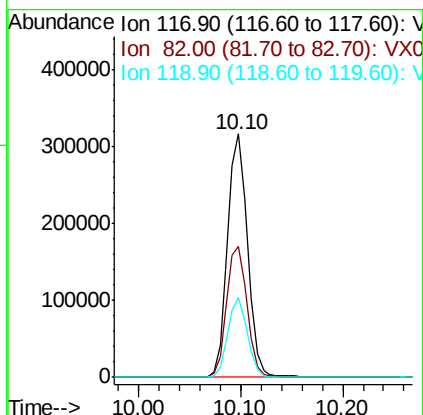
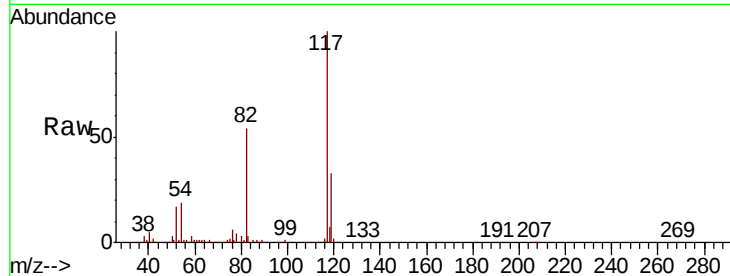




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016564.D
Acq: 03 Jun 2020 13:41

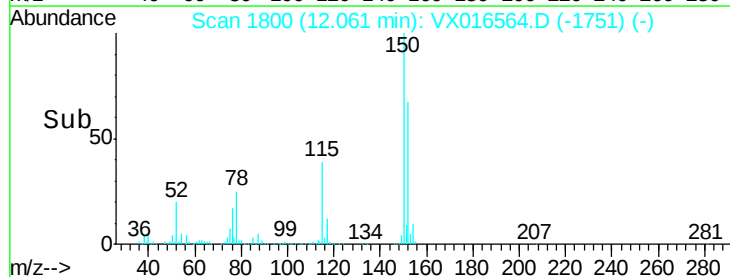
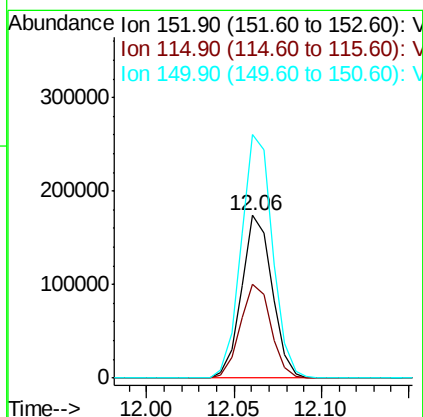
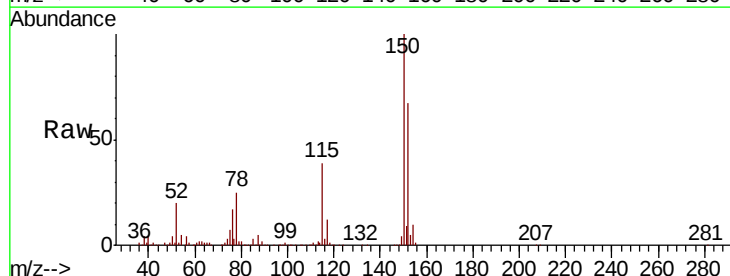
Instrument :
MSVOA_X
ClientSampleId :
SP20-GMZ5-ER1

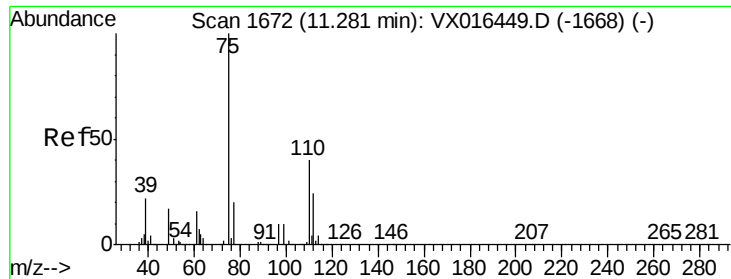
Tot Ion:117 Resp: 427685
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.6
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016564.D
Acq: 03 Jun 2020 13:41

Tgt Ion:152 Resp: 211718
Ion Ratio Lower Upper
152 100
115 58.1 39.9 119.6
150 153.3 0.0 341.0

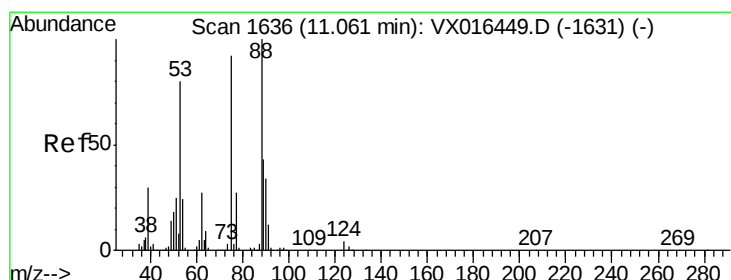
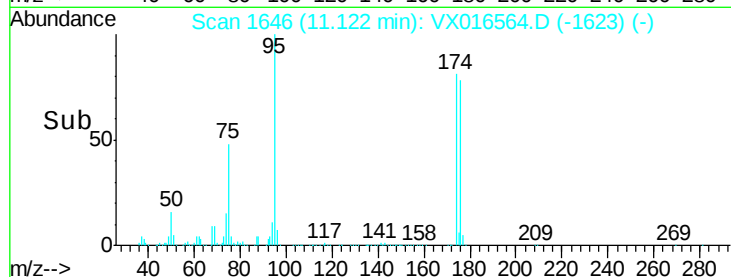
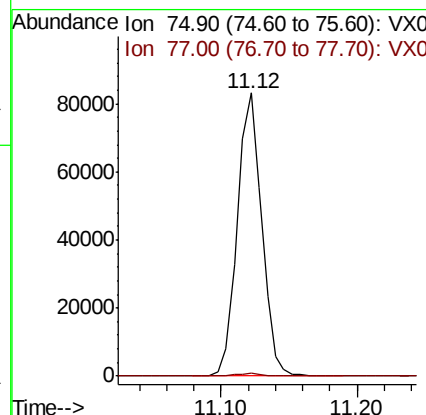
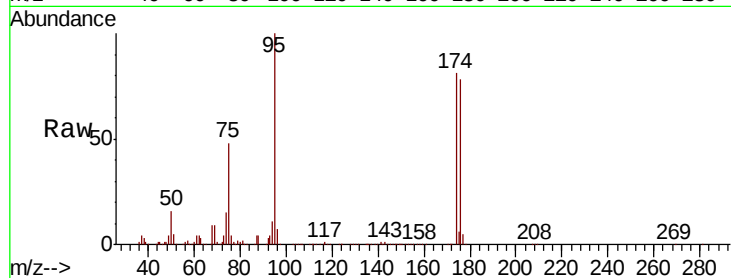




#76
 1,2,3-Trichloropropane
 Concen: 22.294 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016564.D
 Acq: 03 Jun 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-GMZ5-ER1

Tot Ion: 75 Resp: 103747
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.3 63.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.839 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016564.D
 Acq: 03 Jun 2020 13:41

Tgt Ion: 75 Resp: 103747
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 36.6 55.0#

