

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022361.D
 Acq On : 03 Jun 2021 13:15
 Operator : JC/MD
 Sample : M2572-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20210528DL

Quant Time: Jun 04 03:49:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

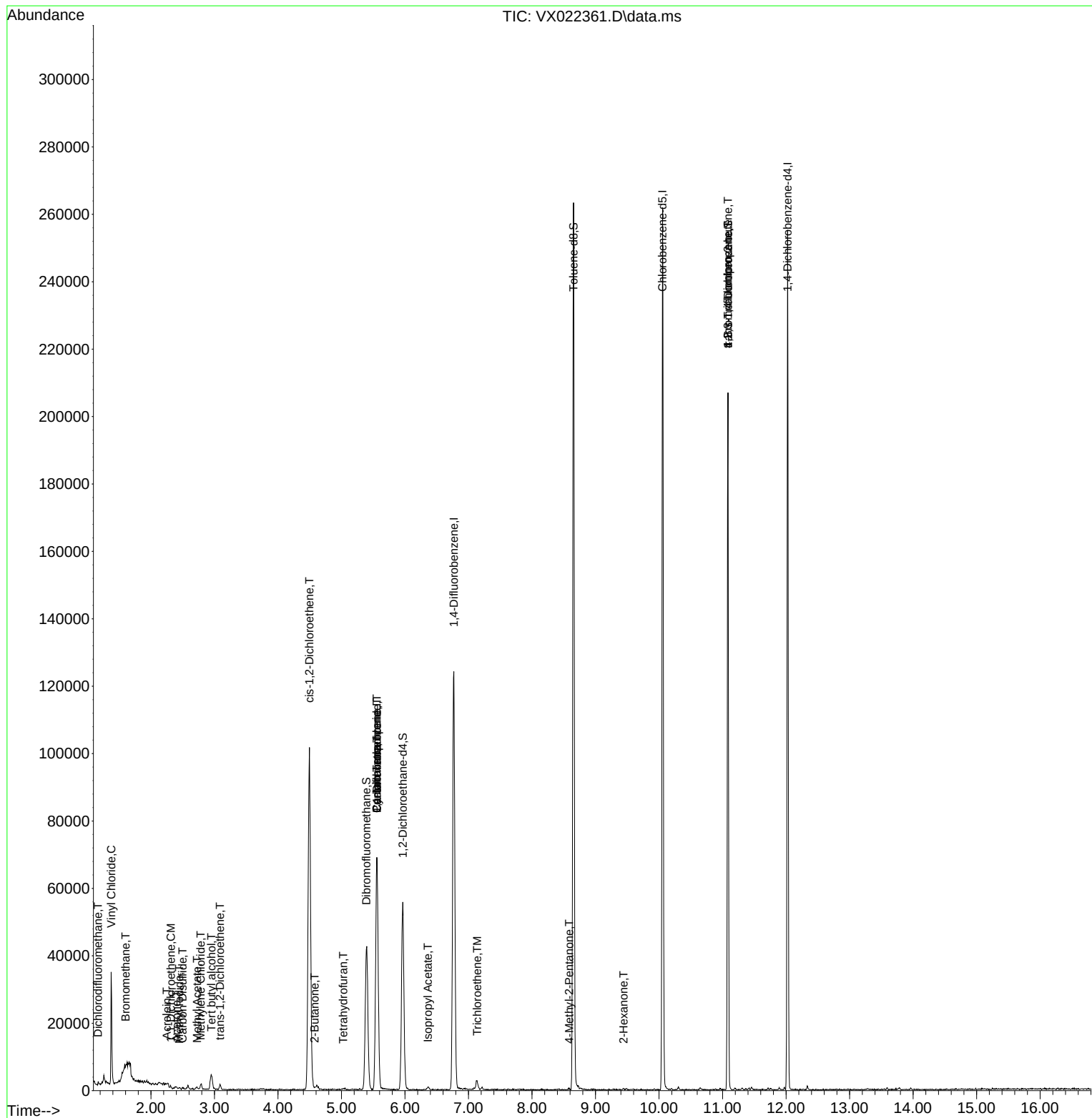
Internal Standards						
1) Pentafluorobenzene	5.556	168	59292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	124684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49957	54.62	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.24%
35) Dibromofluoromethane	5.391	113	37827	47.84	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.68%
50) Toluene-d8	8.653	98	152454	50.05	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.10%
62) 4-Bromofluorobenzene	11.085	95	55984	49.73	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.46%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	523	0.73	ug/l	94
4) Vinyl Chloride	1.374	62	18764	22.81	ug/l	99
5) Bromomethane	1.599	94	371	0.77	ug/l #	50
10) Methyl Iodide	2.447	142	502	0.66	ug/l #	78
11) Tert butyl alcohol	2.953	59	3193	15.26	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	148	0.22	ug/l #	63
13) Acrolein	2.252	56	72	0.52	ug/l	96
16) Acetone	2.398	43	890	2.23	ug/l #	63
17) Carbon Disulfide	2.495	76	485	0.27	ug/l #	75
18) Methyl Acetate	2.727	43	1104	1.04	ug/l #	84
20) Methylene Chloride	2.782	84	785	0.89	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	519	0.70	ug/l #	65
25) 2-Butanone	4.574	43	209	0.32	ug/l #	45
27) cis-1,2-Dichloroethene	4.495	96	61451	68.36	ug/l	91
29) Tetrahydrofuran	5.025	42	161	0.42	ug/l #	38
31) Cyclohexane	5.556	56	1774	1.54	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	5803	5.03	ug/l #	49
38) Carbon Tetrachloride	5.556	117	6865	6.09	ug/l #	17
43) Isopropyl Acetate	6.361	43	485	0.21	ug/l #	57
44) Trichloroethene	7.135	130	936	1.06	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	292	0.21	ug/l #	60
59) 2-Hexanone	9.439	43	259	0.25	ug/l #	53
76) 1,2,3-Trichloropropane	11.085	75	28929	25.70	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	28929	60.90	ug/l #	12

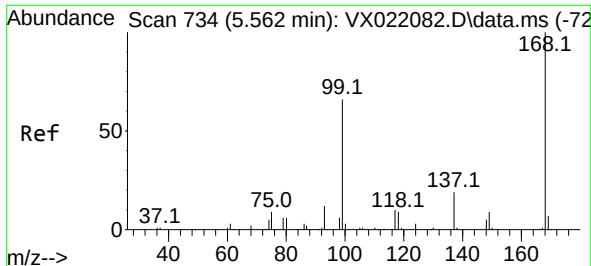
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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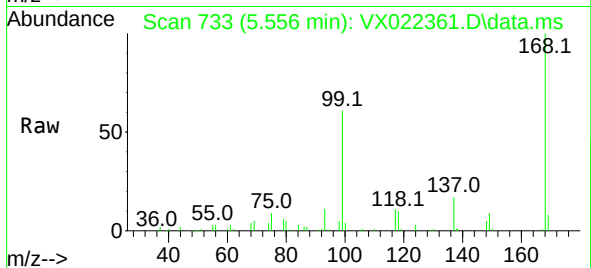
Quant Time: Jun 04 03:49:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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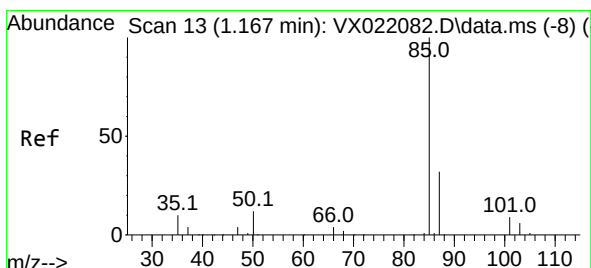
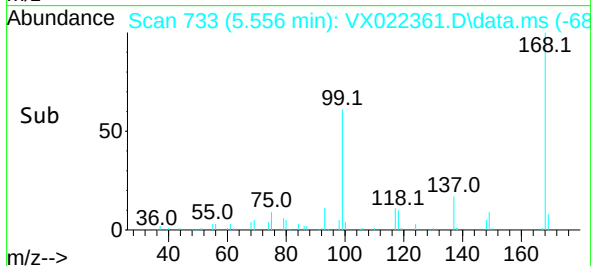
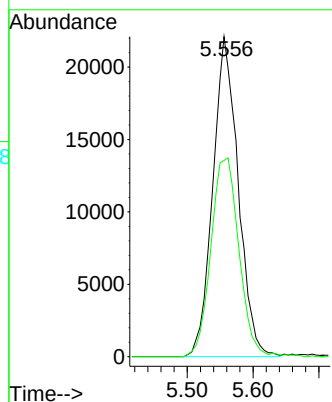


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
91BR-20210528DL

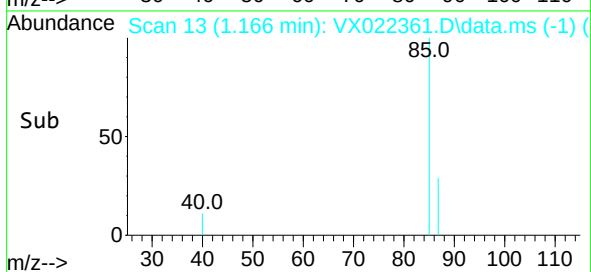
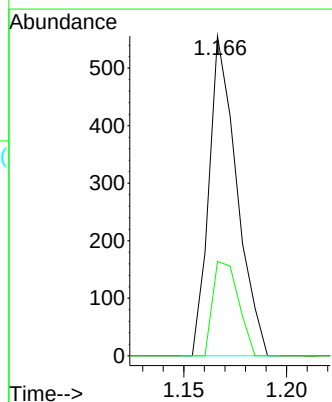
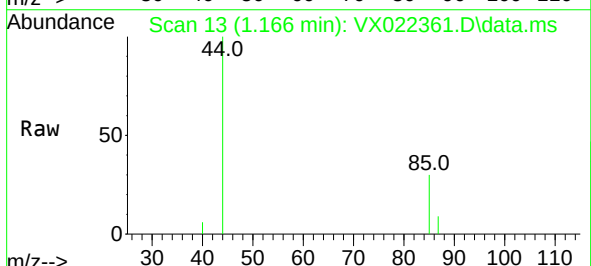


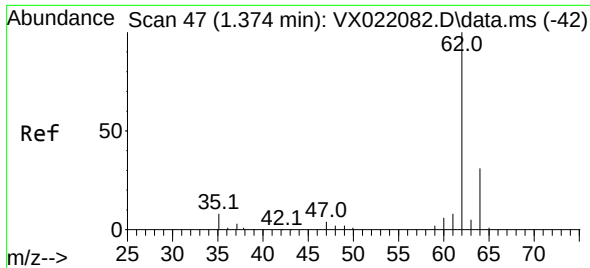
Tgt Ion:168 Resp: 59292
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.73 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion: 85 Resp: 523
Ion Ratio Lower Upper
85 100
87 29.5 16.4 49.2

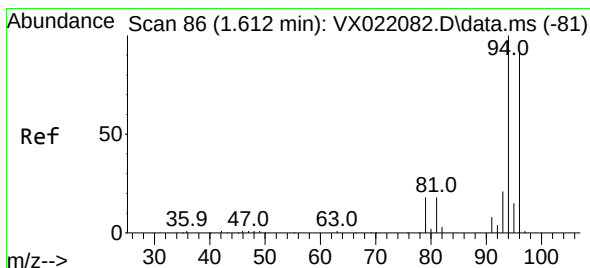
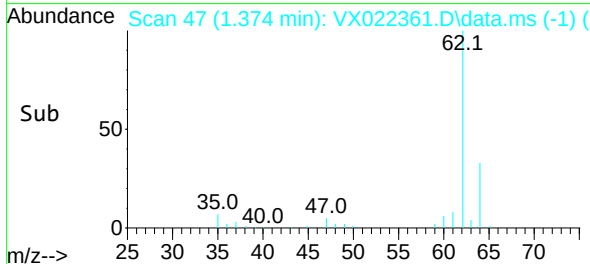
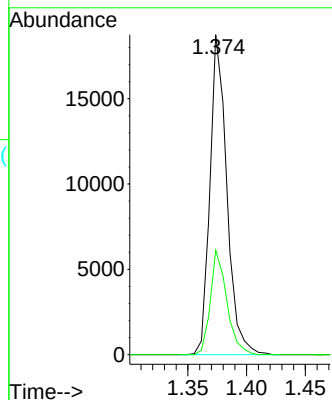
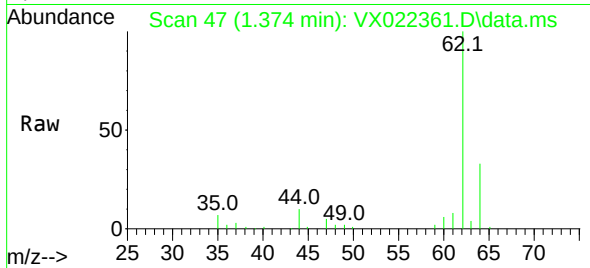




#4
 Vinyl Chloride
 Concen: 22.81 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022361.D
 Acq: 03 Jun 2021 13:15

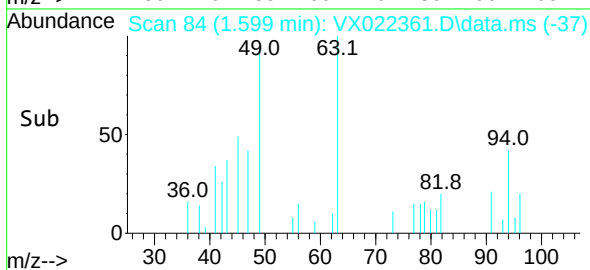
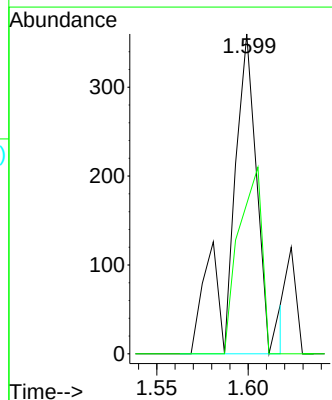
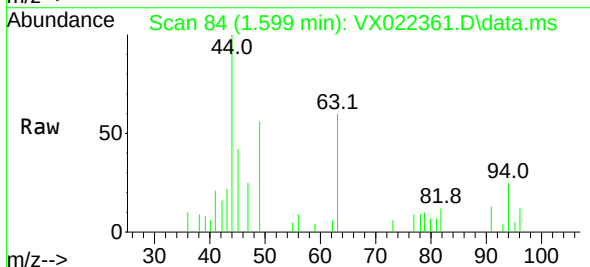
Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20210528DL

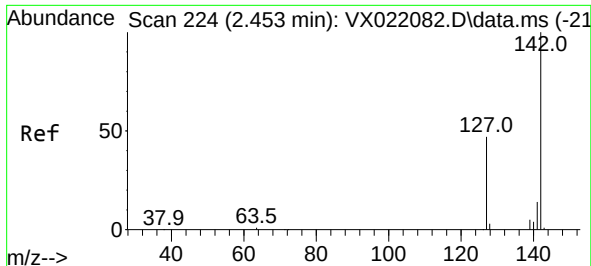
Tgt Ion: 62 Resp: 18764
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.7 38.5



#5
 Bromomethane
 Concen: 0.77 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. -0.013 min
 Lab File: VX022361.D
 Acq: 03 Jun 2021 13:15

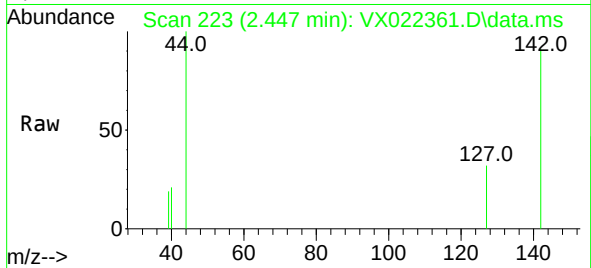
Tgt Ion: 94 Resp: 371
 Ion Ratio Lower Upper
 94 100
 96 46.9 76.4 114.6#



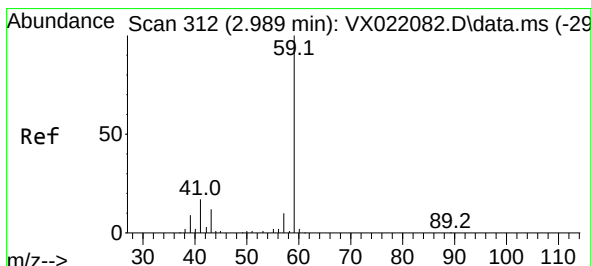
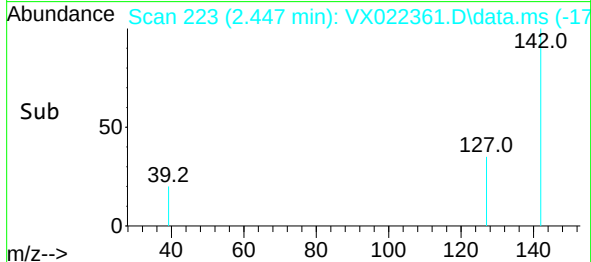
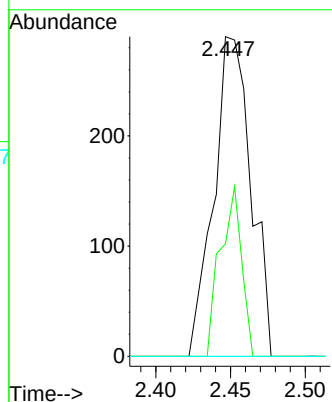


#10
Methyl Iodide
Concen: 0.66 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
91BR-20210528DL

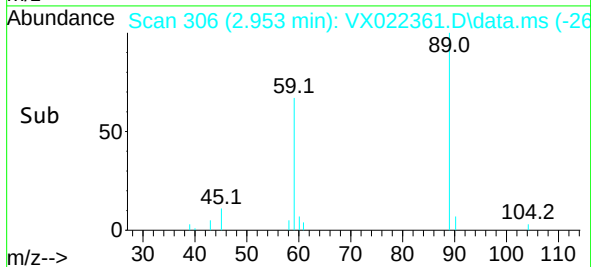
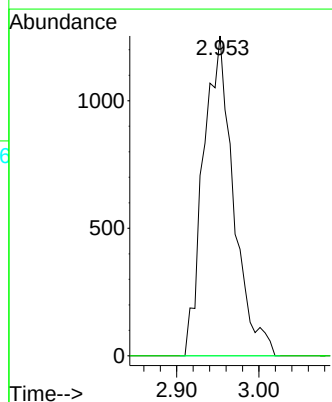
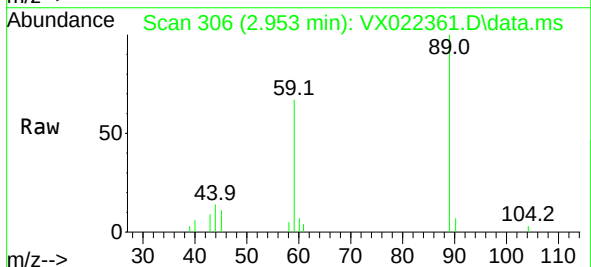


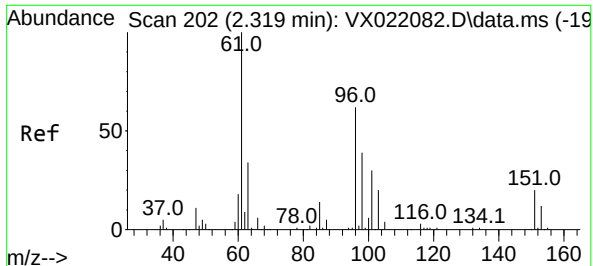
Tgt Ion:142 Resp: 502
Ion Ratio Lower Upper
142 100
127 30.5 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 15.26 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion: 59 Resp: 3193
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.22 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX022361.D

Acq: 03 Jun 2021 13:15

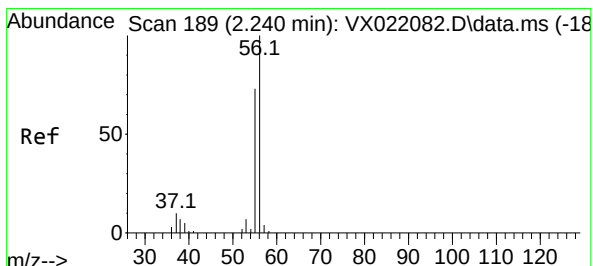
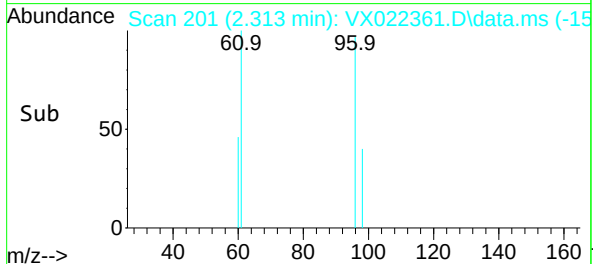
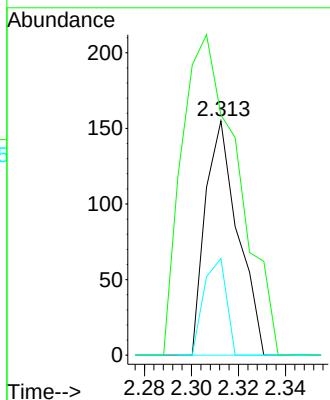
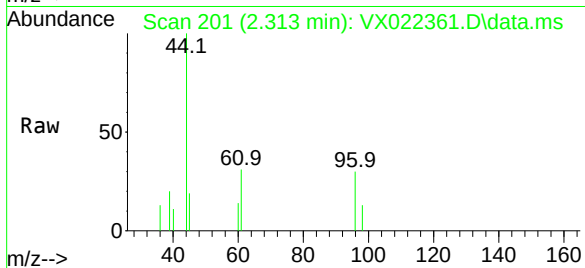
Tgt Ion: 96 Resp: 148

Ion Ratio Lower Upper

96 100

61 102.6 124.6 187.0#

98 41.3 50.6 76.0#



#13

Acrolein

Concen: 0.52 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.012 min

Lab File: VX022361.D

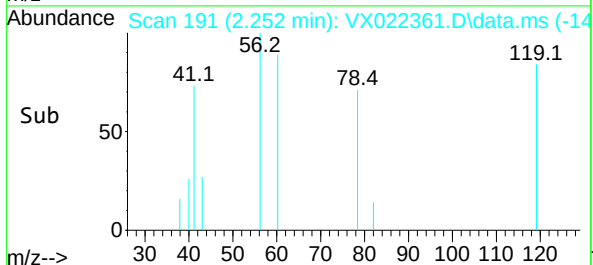
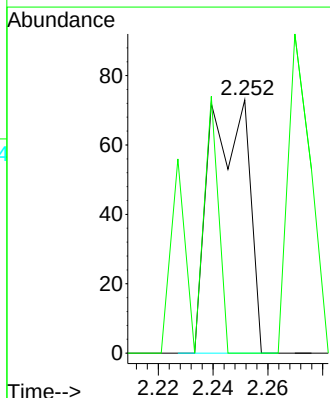
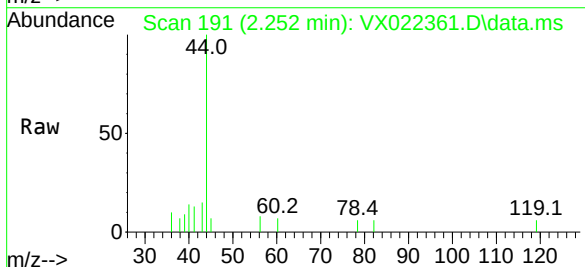
Acq: 03 Jun 2021 13:15

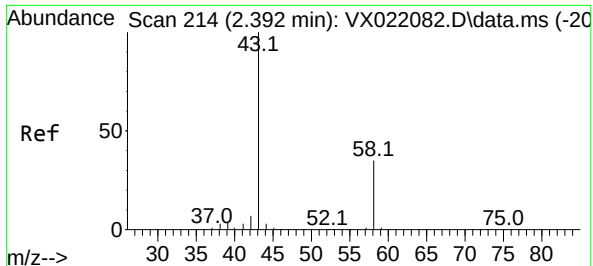
Tgt Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

55 73.6 56.4 84.6

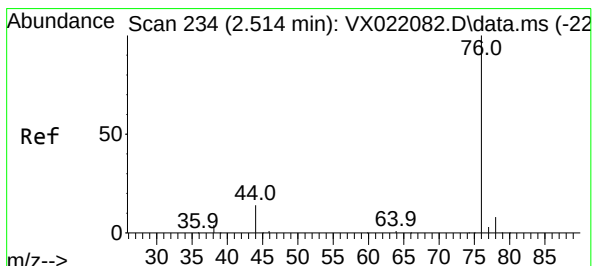
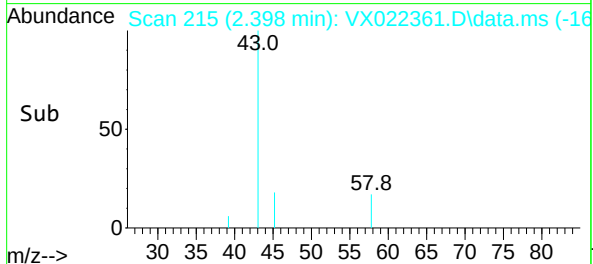
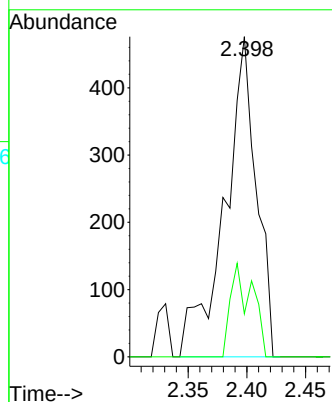
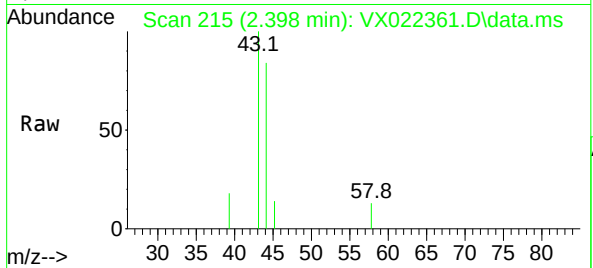




#16
Acetone
Concen: 2.23 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

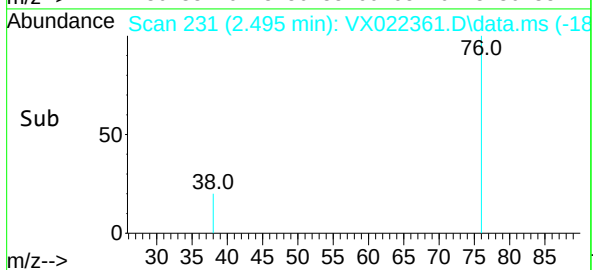
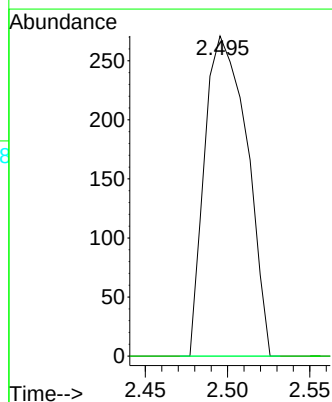
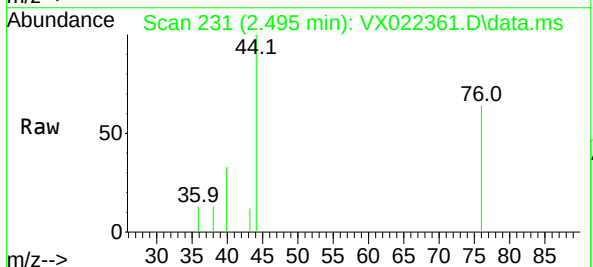
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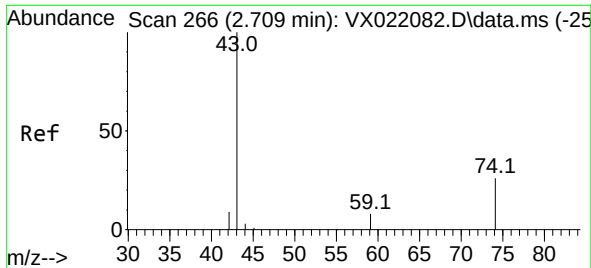
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 13.4 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.019 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion: 76 Resp: 485
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

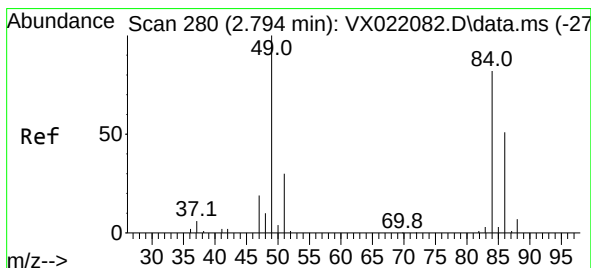
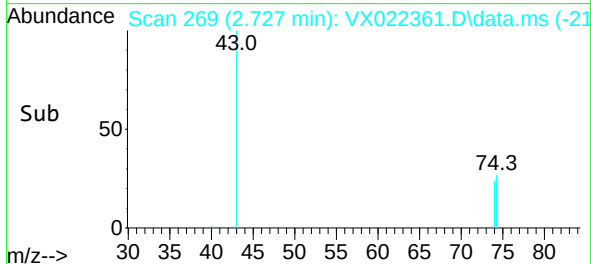
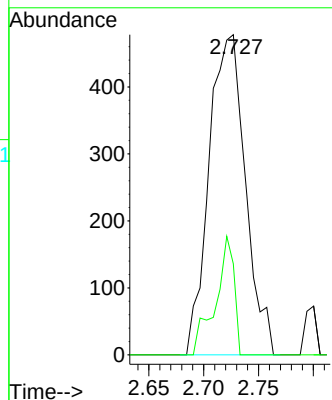
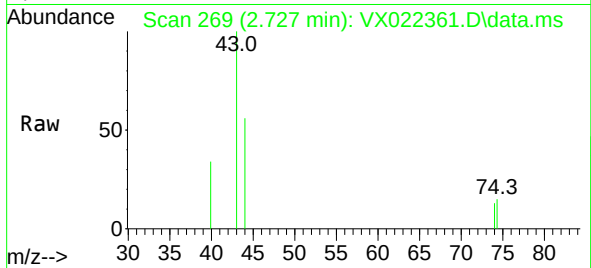




#18
Methyl Acetate
Concen: 1.04 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

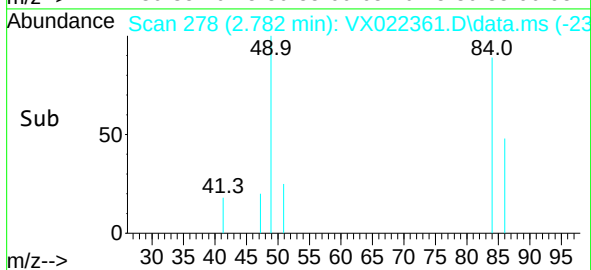
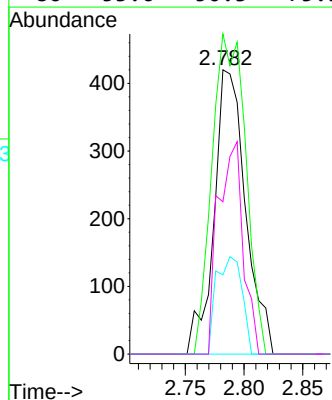
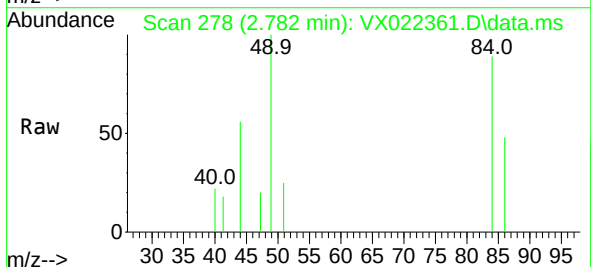
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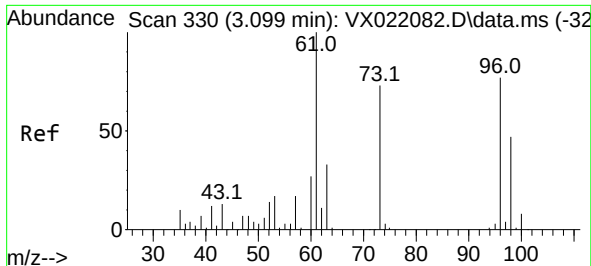
Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
74 19.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.89 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.012 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion: 84 Resp: 785
Ion Ratio Lower Upper
84 100
49 112.6 88.6 132.8
51 27.9 27.0 40.6
86 53.6 50.3 75.5

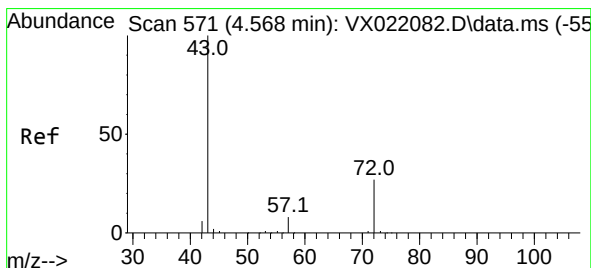
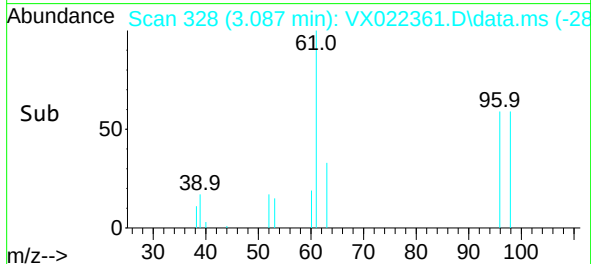
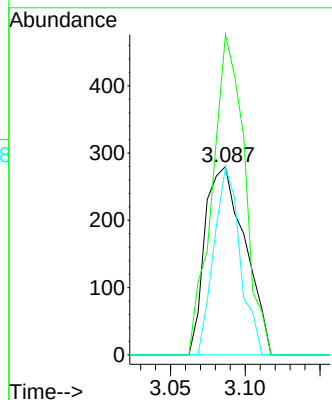
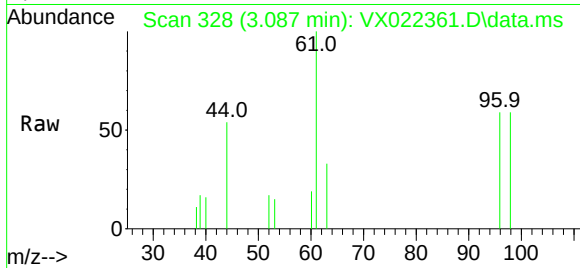




#21
trans-1,2-Dichloroethene
Concen: 0.70 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.012 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

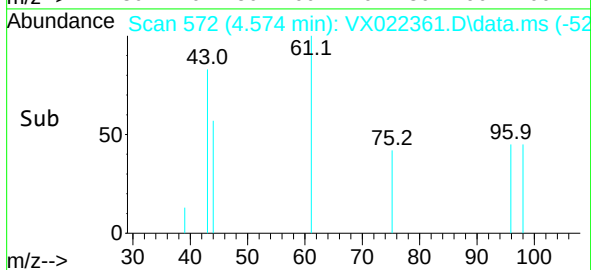
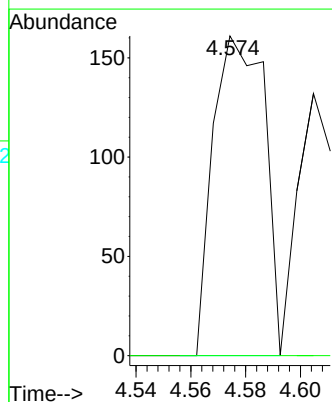
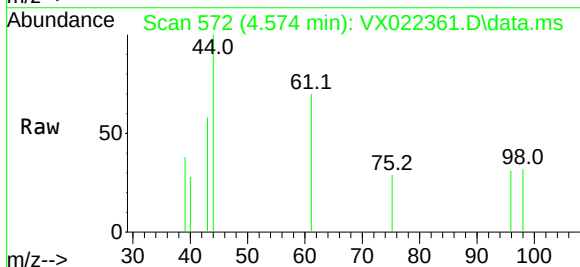
Instrument :
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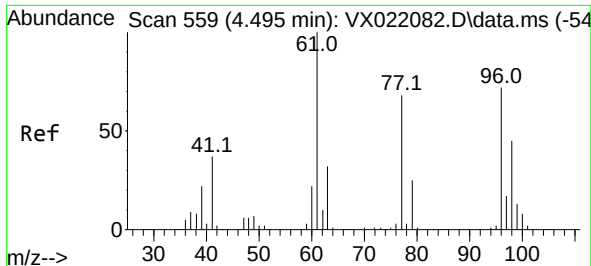
Tgt Ion: 96 Resp: 519
Ion Ratio Lower Upper
96 100
61 170.0 107.7 161.5#
98 99.6 50.4 75.6#



#25
2-Butanone
Concen: 0.32 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 68.36 ug/l

RT: 4.495 min Scan# 559

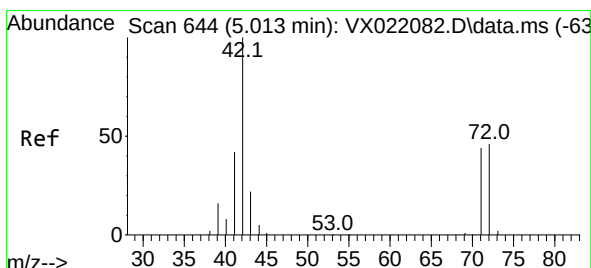
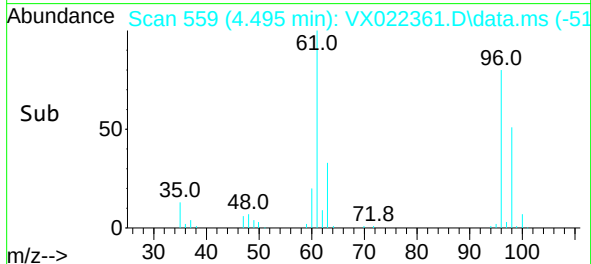
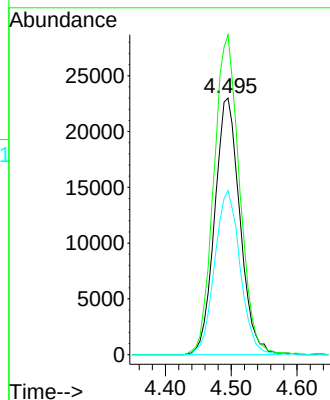
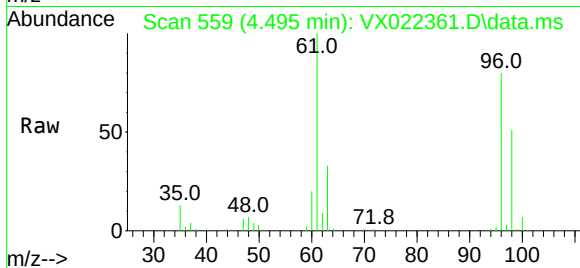
Delta R.T. 0.000 min

Lab File: VX022361.D

Acq: 03 Jun 2021 13:15

Tgt Ion: 96	Resp: 61451
Ion Ratio	Lower Upper
96 100	
61 127.1	0.0 285.6
98 64.6	0.0 129.6

Instrument :
MSVOA_X
ClientSampleId :
91BR-20210528DL



#29

Tetrahydrofuran

Concen: 0.42 ug/l

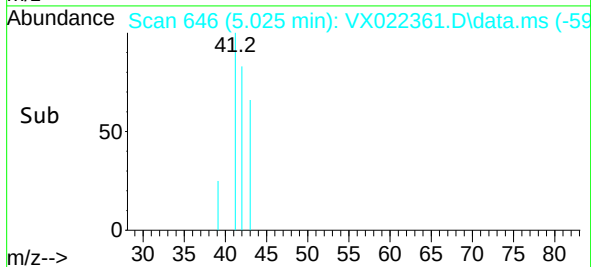
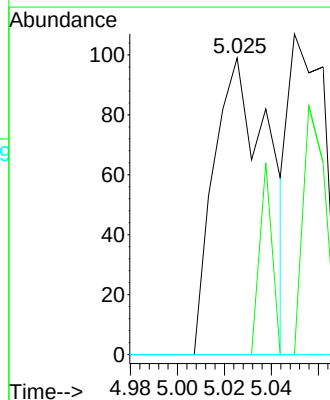
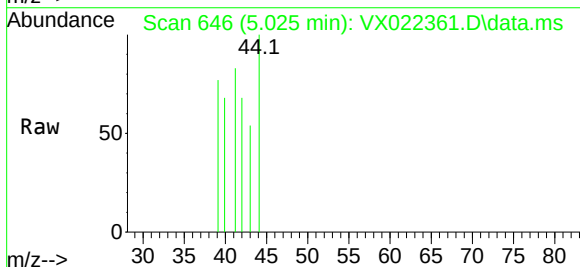
RT: 5.025 min Scan# 646

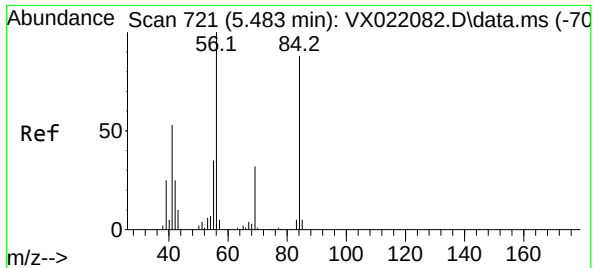
Delta R.T. 0.012 min

Lab File: VX022361.D

Acq: 03 Jun 2021 13:15

Tgt Ion: 42	Resp: 161
Ion Ratio	Lower Upper
42 100	
72 14.3	41.7 62.5#
71 0.0	38.4 57.6#

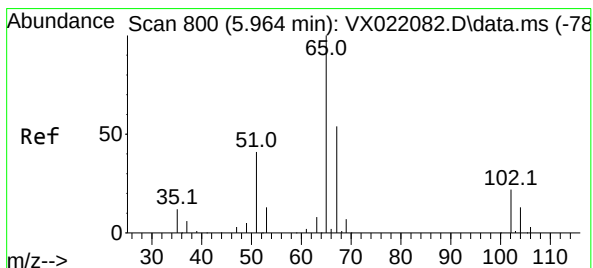
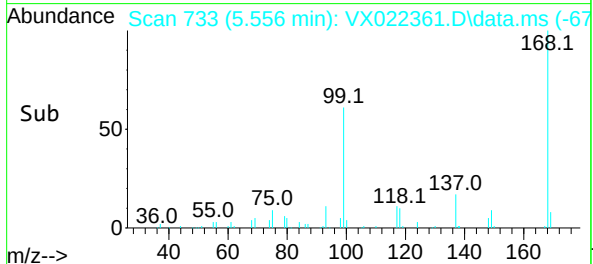
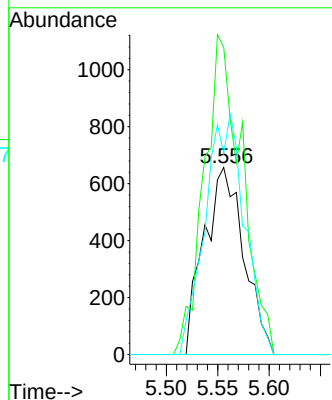
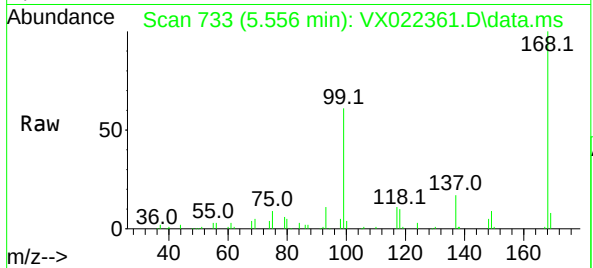




#31
Cyclohexane
Concen: 1.54 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

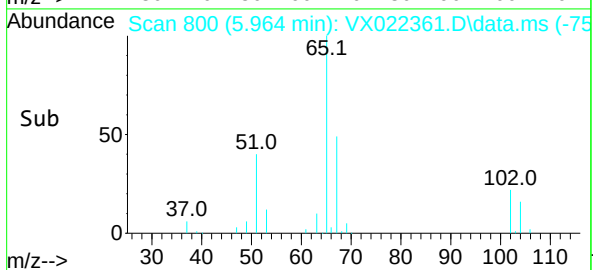
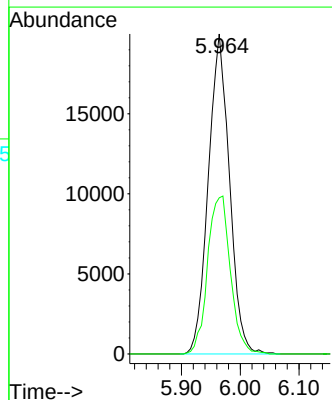
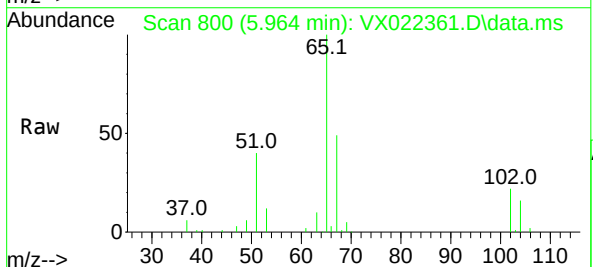
Instrument :
MSVOA_X
ClientSampleId :
91BR-20210528DL

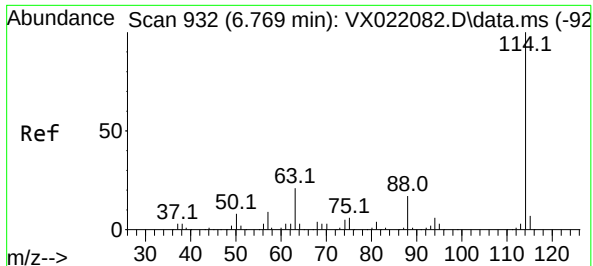
Tgt Ion: 56 Resp: 1774
Ion Ratio Lower Upper
56 100
69 164.2 25.3 37.9#
84 107.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.62 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion: 65 Resp: 49957
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

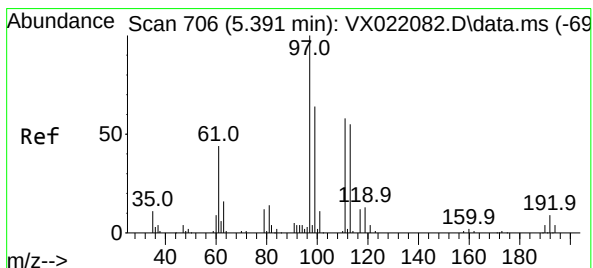
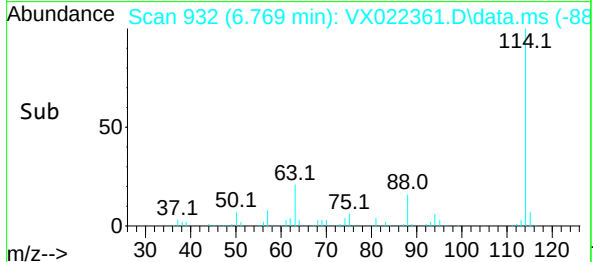
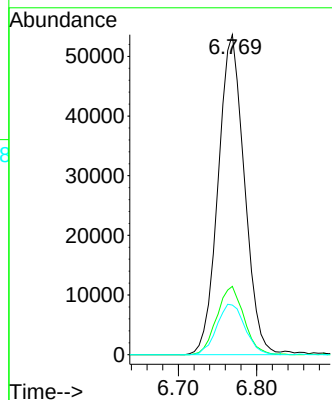
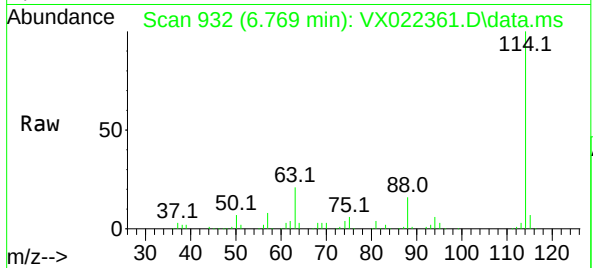




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

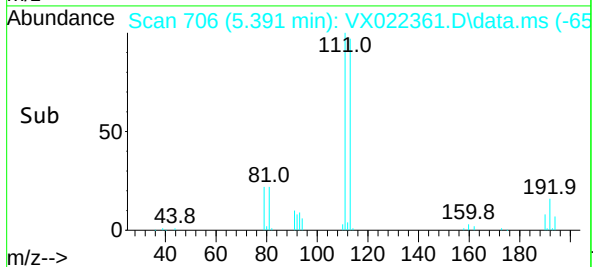
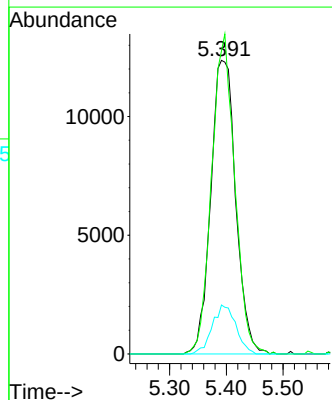
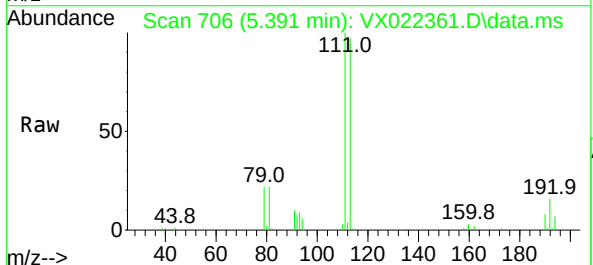
Instrument :
MSVOA_X
ClientSampleId :
91BR-20210528DL

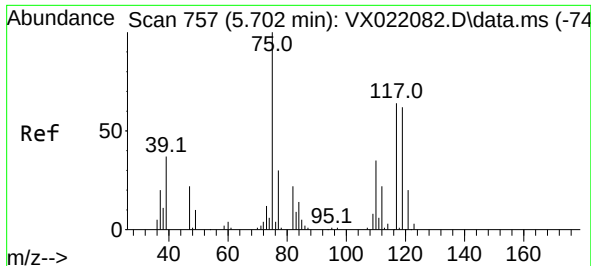
Tgt Ion:114 Resp: 124684
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.84 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion:113 Resp: 37827
Ion Ratio Lower Upper
113 100
111 100.8 81.9 122.9
192 15.8 16.7 25.1#

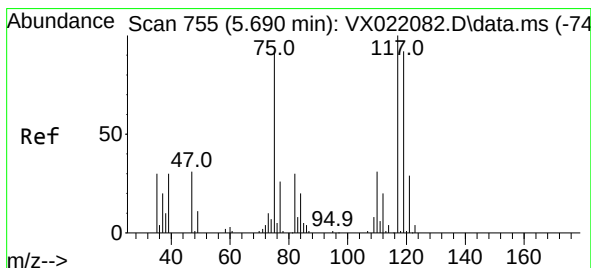
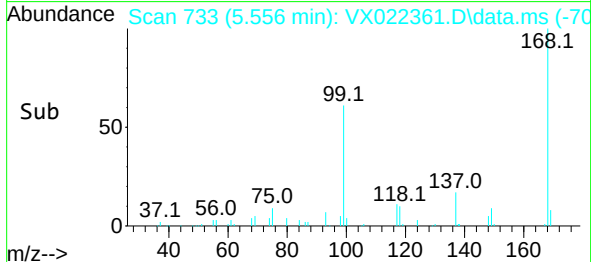
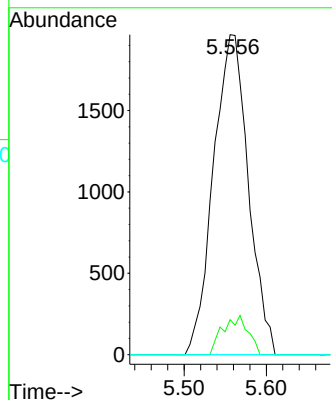
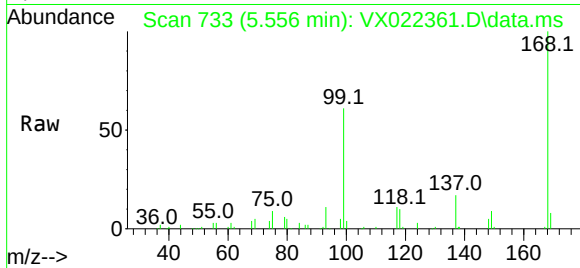




#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

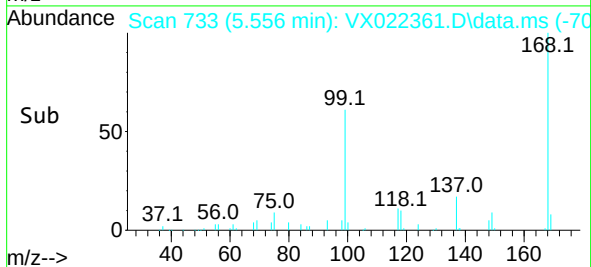
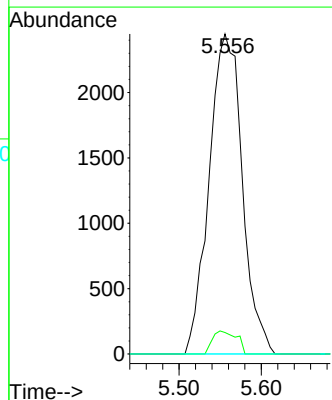
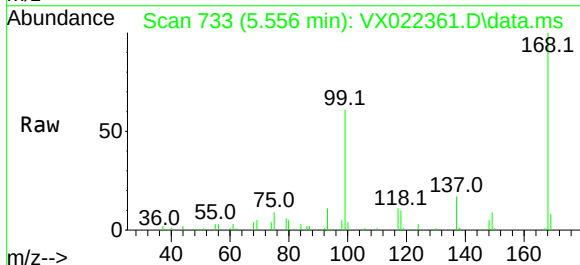
Instrument :
MSVOA_X
ClientSampleId :
91BR-20210528DL

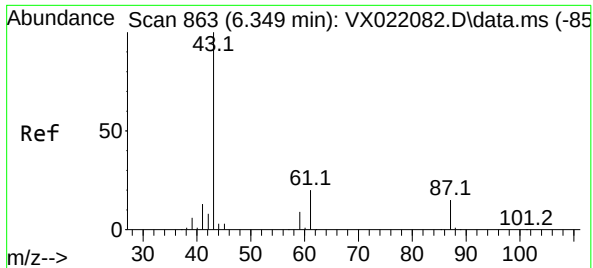
Tgt Ion: 75 Resp: 5803
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion: 117 Resp: 6865
Ion Ratio Lower Upper
117 100
119 6.7 76.2 114.2#
121 0.0 24.8 37.2#

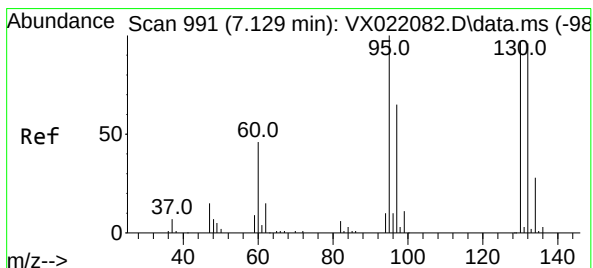
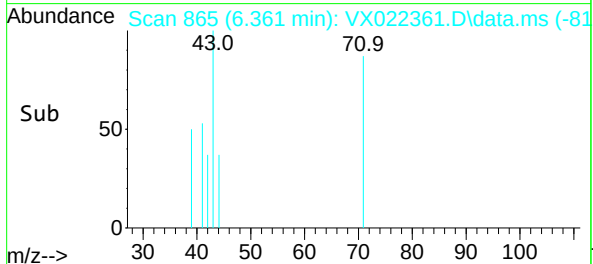
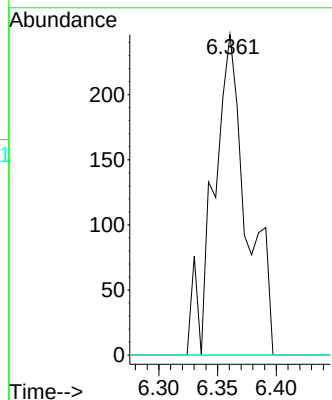
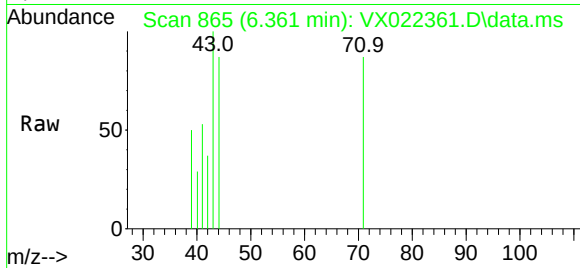




#43
Isopropyl Acetate
Concen: 0.21 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.012 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

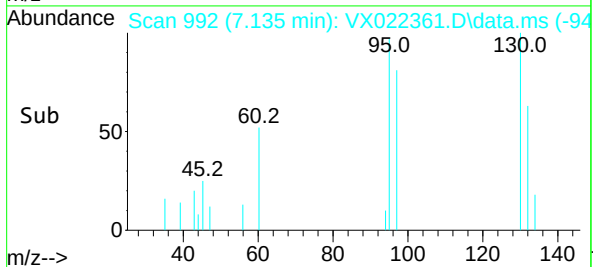
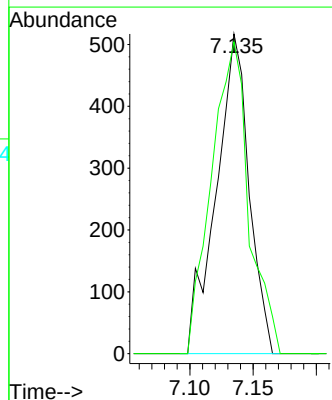
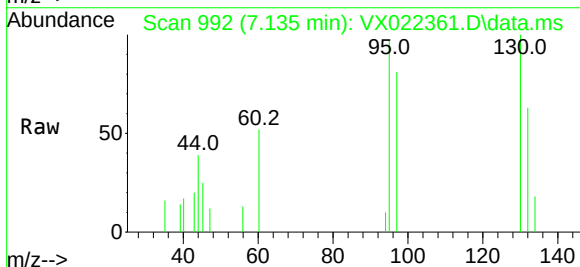
Instrument :
MSVOA_X
ClientSampleId :
91BR-20210528DL

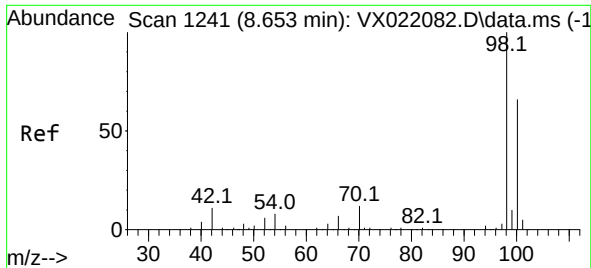
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#44
Trichloroethene
Concen: 1.06 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion:130 Resp: 936
Ion Ratio Lower Upper
130 100
95 97.5 0.0 198.0

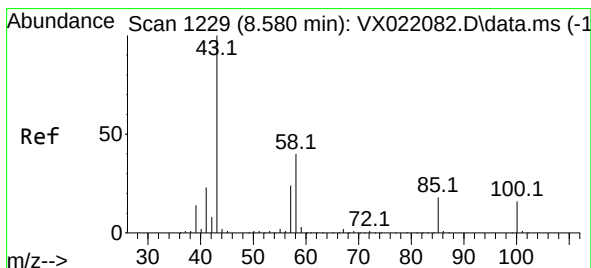
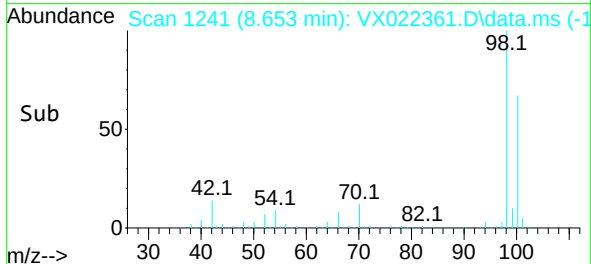
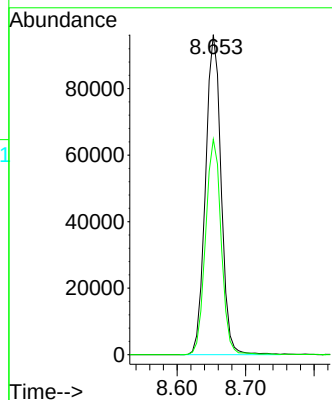
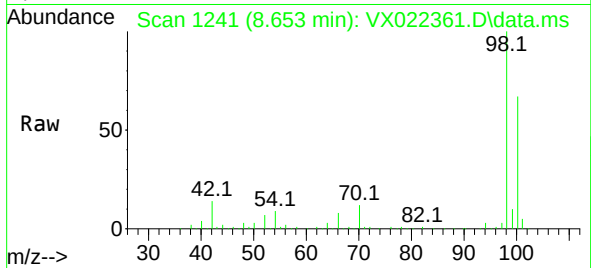




#50
Toluene-d8
Concen: 50.05 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

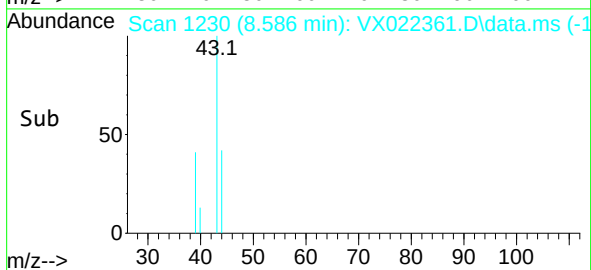
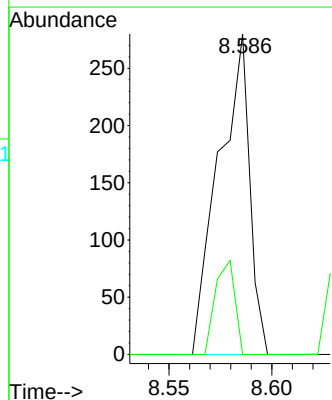
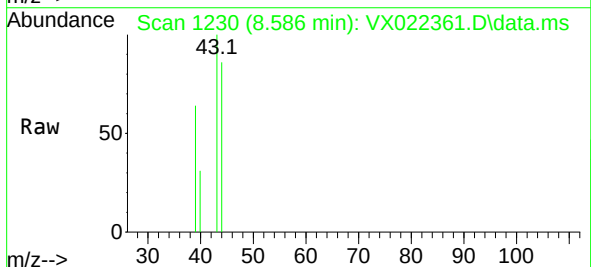
Instrument :
MSVOA_X
ClientSampleId :
91BR-20210528DL

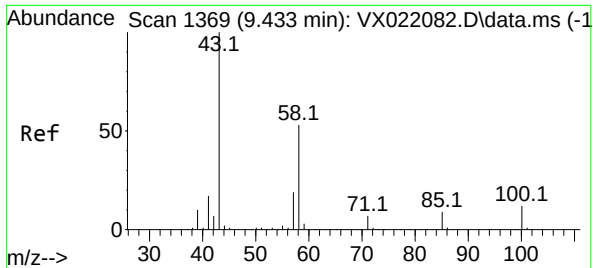
Tgt Ion: 98 Resp: 152454
Ion Ratio Lower Upper
98 100
100 67.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.21 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion: 43 Resp: 292
Ion Ratio Lower Upper
43 100
58 18.5 35.4 53.0#

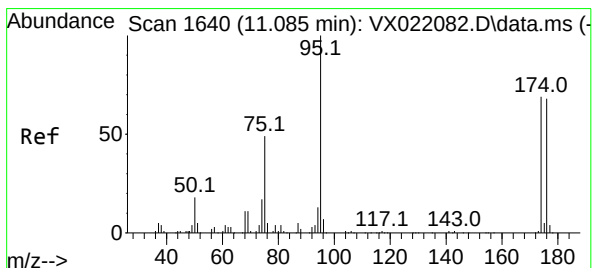
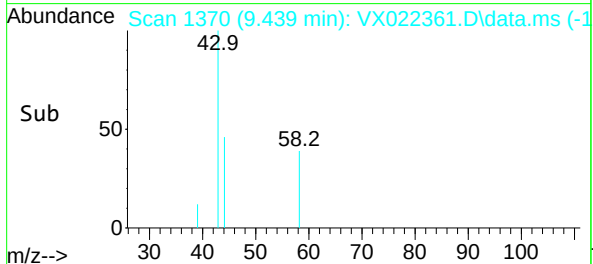
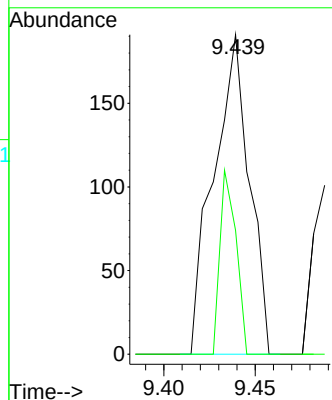
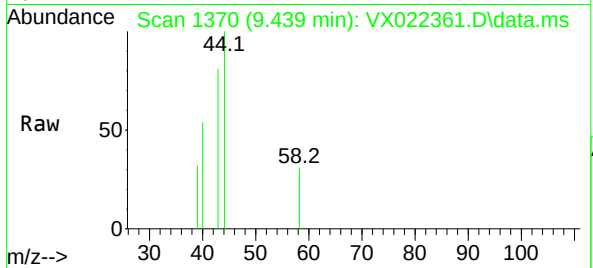




#59
2-Hexanone
Concen: 0.25 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

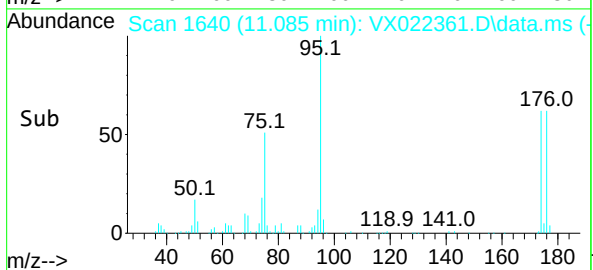
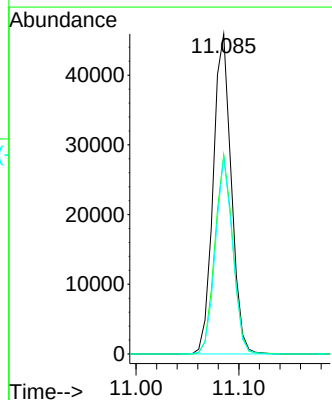
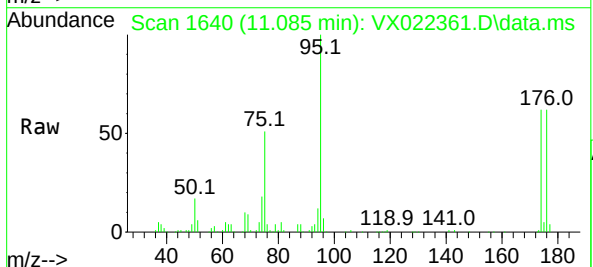
Instrument :
MSVOA_X
ClientSampleId :
91BR-20210528DL

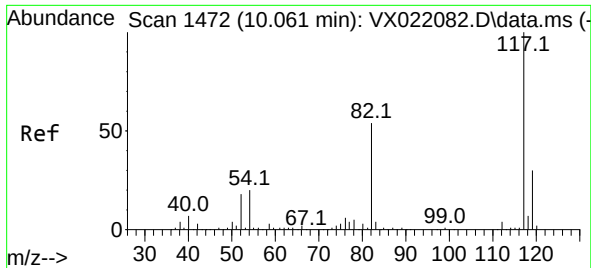
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
58 25.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 49.73 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion: 95 Resp: 55984
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 58.9 0.0 155.8

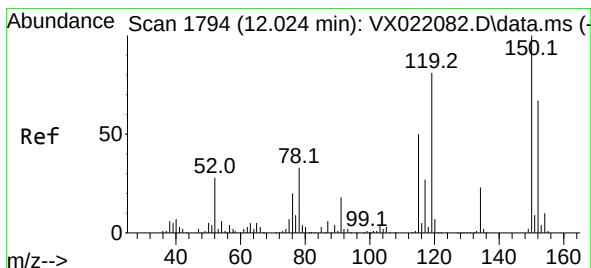
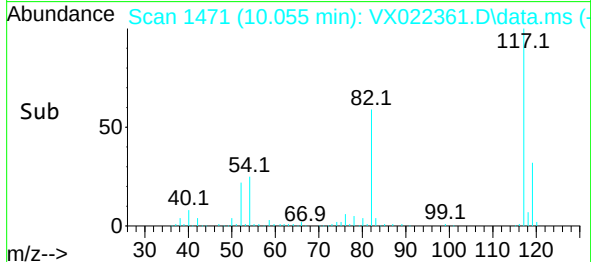
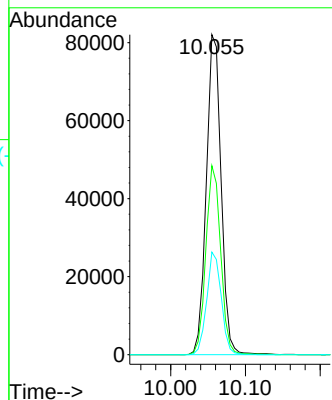
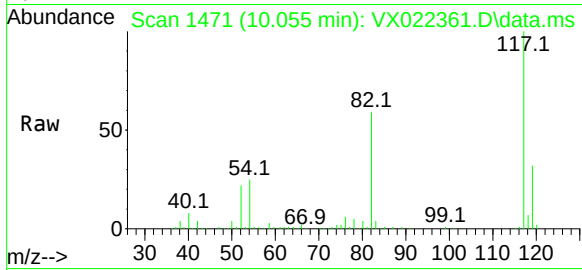




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

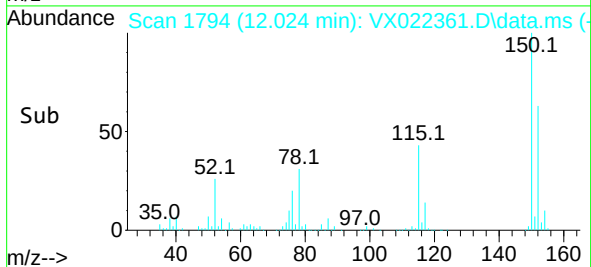
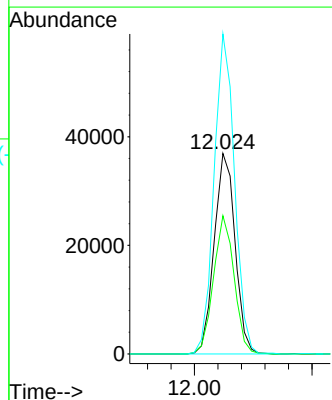
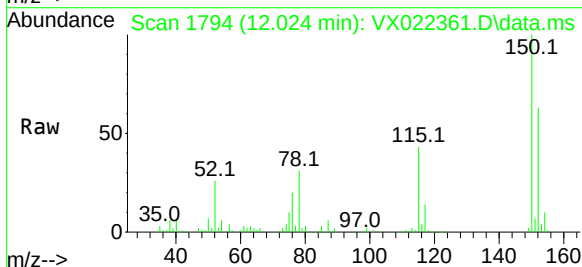
Instrument :
MSVOA_X
ClientSampleId :
91BR-20210528DL

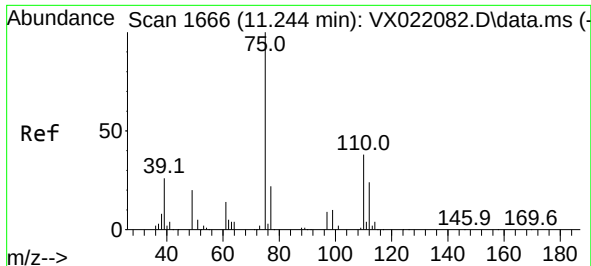
Tgt Ion:117 Resp: 112847
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion:152 Resp: 45621
Ion Ratio Lower Upper
152 100
115 68.0 41.1 123.3
150 155.9 0.0 349.0

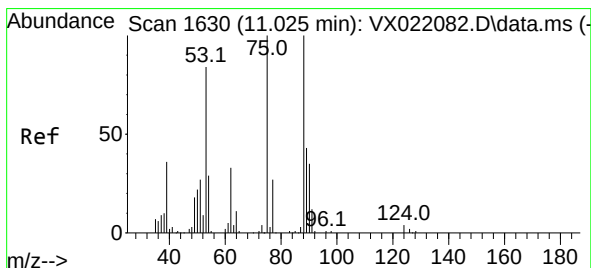
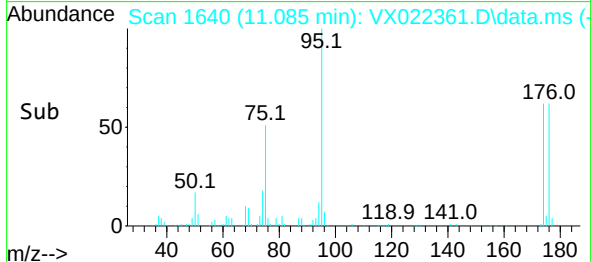
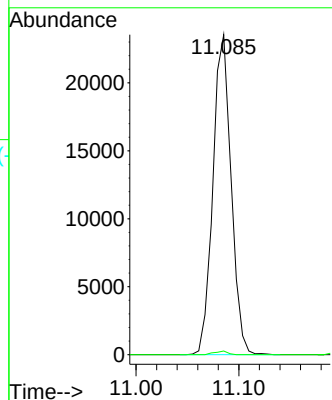
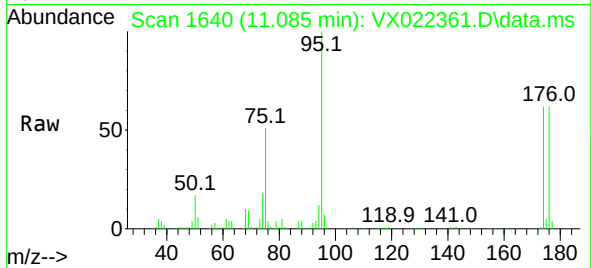




#76
1,2,3-Trichloropropane
Concen: 25.70 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
91BR-20210528DL

Tgt Ion: 75 Resp: 28929
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.90 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022361.D
Acq: 03 Jun 2021 13:15

Tgt Ion: 75 Resp: 28929
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.3 37.9 56.9#

