

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031005.D
 Acq On : 01 Sep 2022 02:53
 Operator : JC/MD
 Sample : N4380-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41

Quant Time: Sep 06 02:30:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

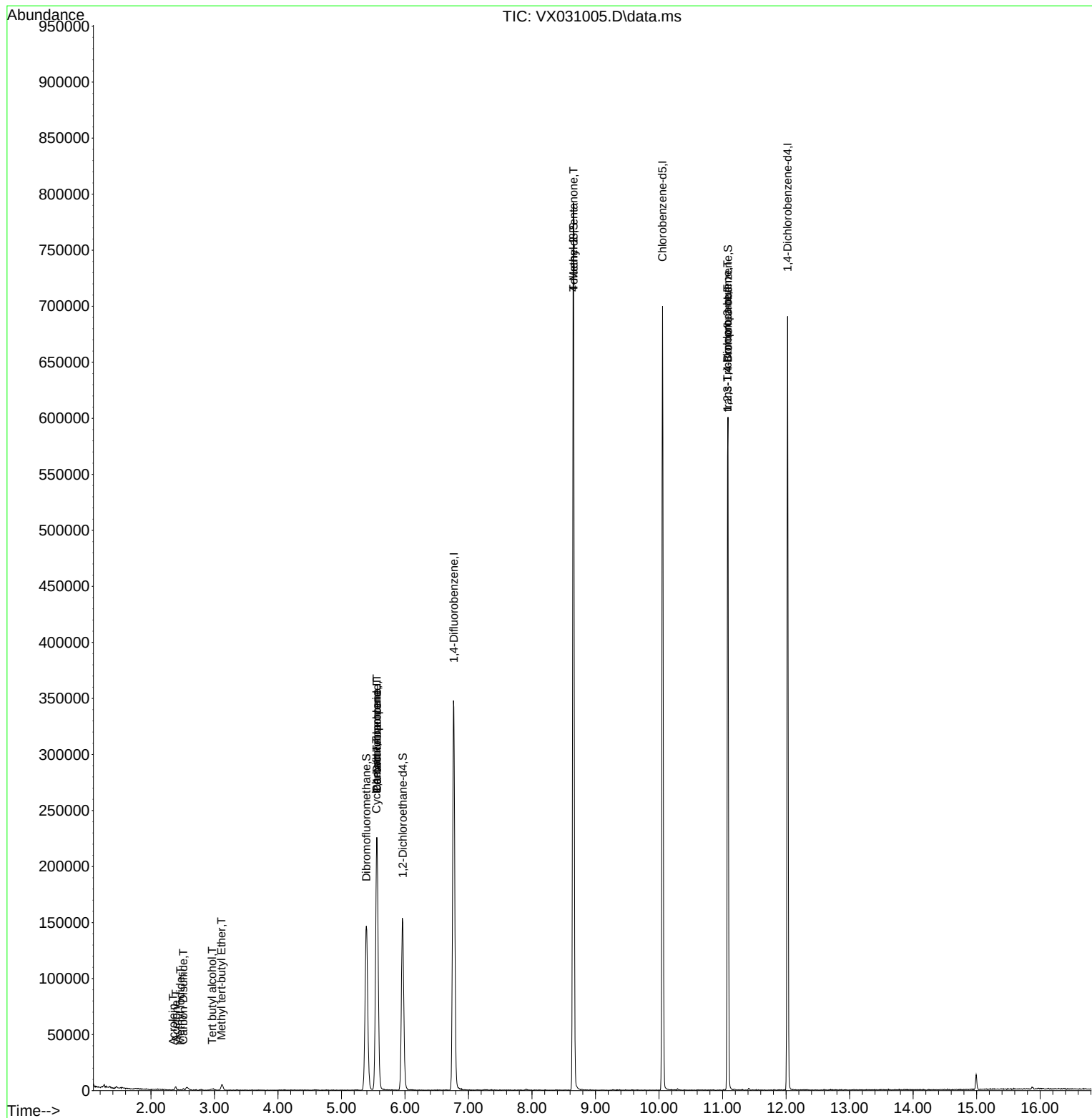
Internal Standards						
1) Pentafluorobenzene	5.556	168	225223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	380982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143551	44.438	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.880%
35) Dibromofluoromethane	5.391	113	134620	47.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	8.653	98	503127	48.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.760%
62) 4-Bromofluorobenzene	11.085	95	171399	46.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	271	Below Cal	#	40
10) Methyl Iodide	2.465	142	232	4.459	ug/l #	58
11) Tert butyl alcohol	2.965	59	1766	2.307	ug/l #	92
13) Acrolein	2.349	56	26	7.339	ug/l #	14
16) Acetone	2.392	43	2893	1.984	ug/l	97
17) Carbon Disulfide	2.508	76	1539	0.213	ug/l #	74
19) Methyl tert-butyl Ether	3.111	73	6158	0.691	ug/l	98
31) Cyclohexane	5.550	56	3813	0.798	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15911	3.812	ug/l #	49
38) Carbon Tetrachloride	5.556	117	21440	5.395	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1797	0.400	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	77443	20.887	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	77443	62.101	ug/l #	12

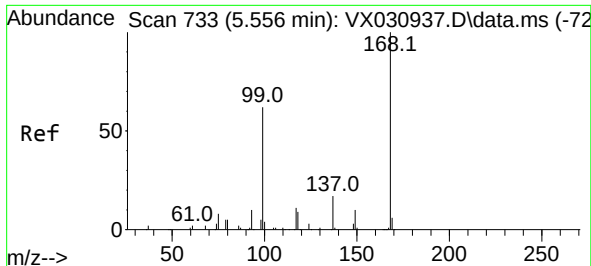
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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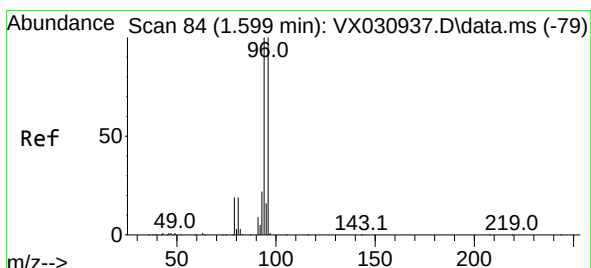
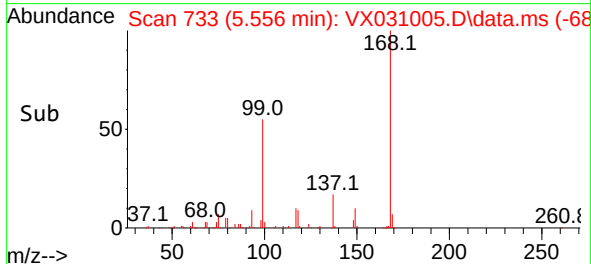
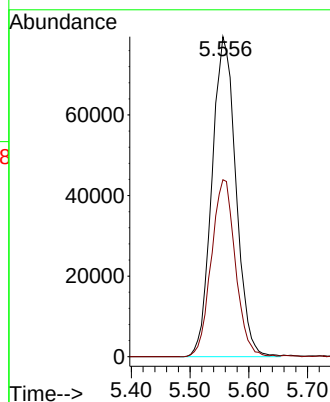
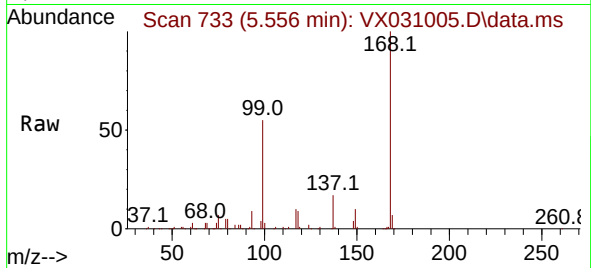




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

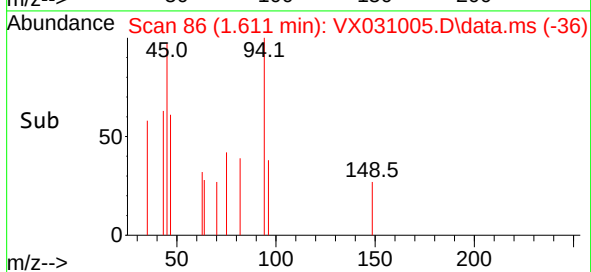
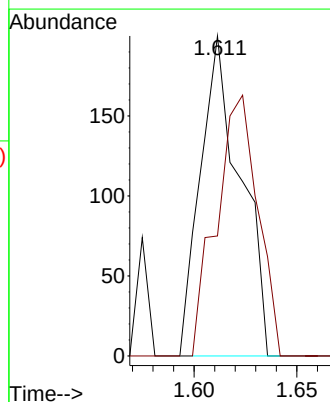
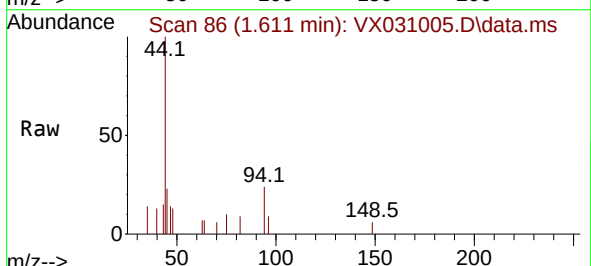
Instrument :
MSVOA_X
ClientSampleId :
MW-41

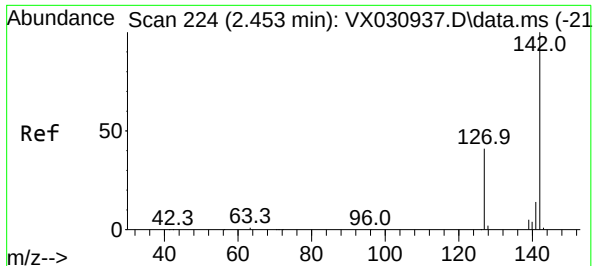
Tgt Ion:168 Resp: 225223
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

Tgt Ion: 94 Resp: 271
Ion Ratio Lower Upper
94 100
96 37.5 76.9 115.3#

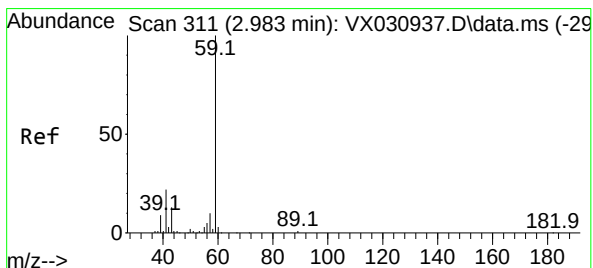
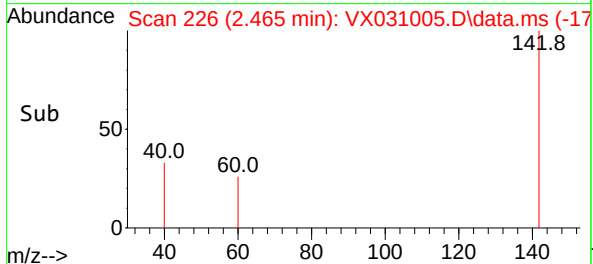
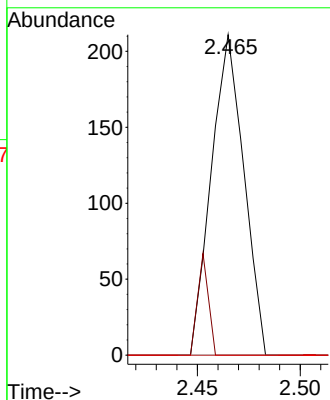
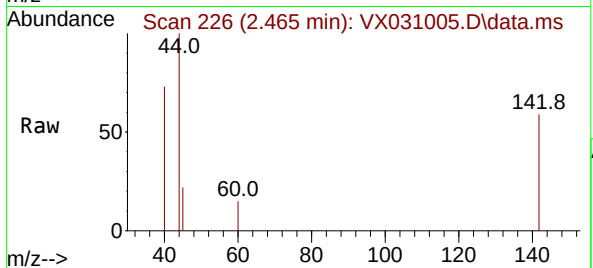




#10
Methyl Iodide
Concen: 4.459 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

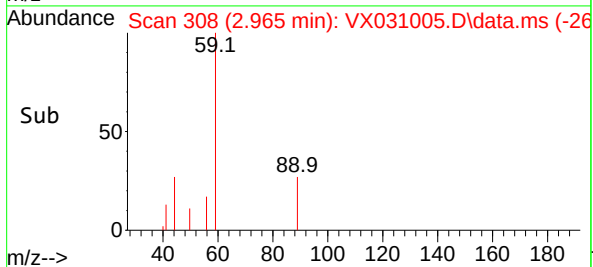
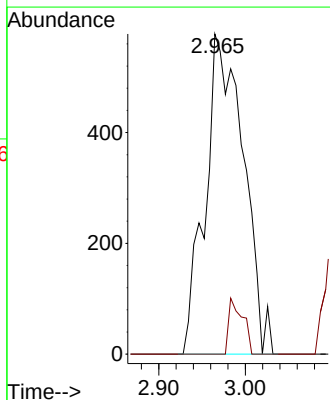
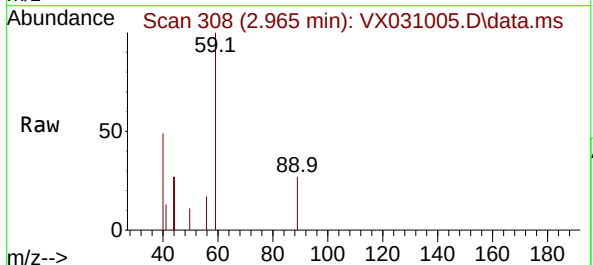
Instrument :
MSVOA_X
ClientSampleId :
MW-41

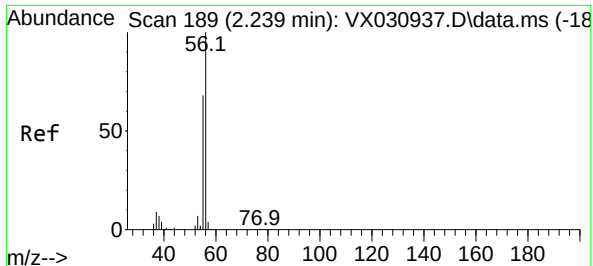
Tgt Ion:142 Resp: 232
Ion Ratio Lower Upper
142 100
127 10.8 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 2.307 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

Tgt Ion: 59 Resp: 1766
Ion Ratio Lower Upper
59 100
57 6.5 7.4 11.2#





#13

Acrolein

Concen: 7.339 ug/l

RT: 2.349 min Scan# 20

Delta R.T. 0.110 min

Lab File: VX031005.D

Acq: 01 Sep 2022 02:53

Instrument :

MSVOA_X

ClientSampleId :

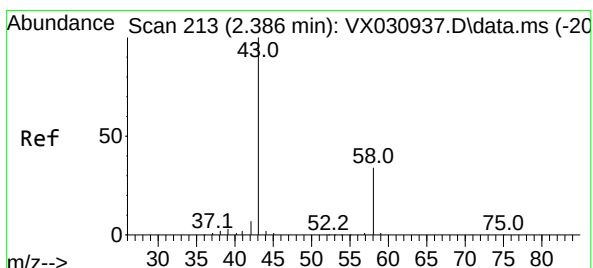
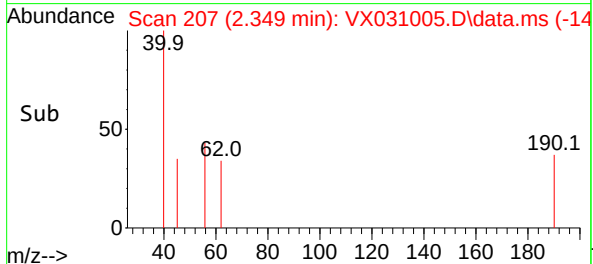
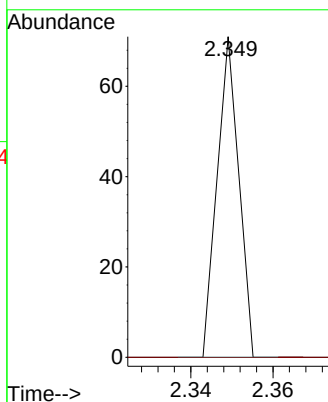
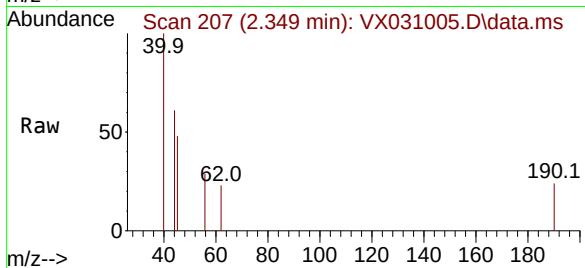
MW-41

Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#16

Acetone

Concen: 1.984 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031005.D

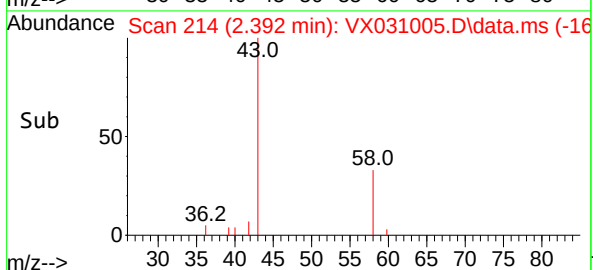
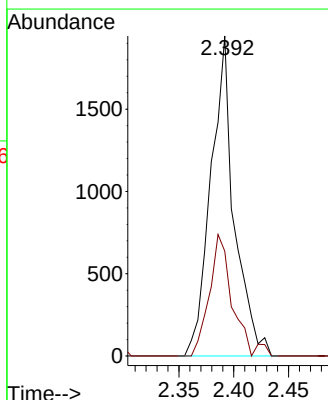
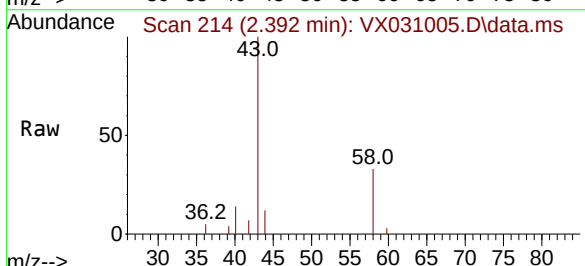
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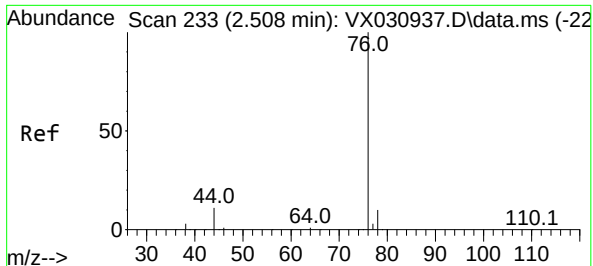
Tgt Ion: 43 Resp: 2893

Ion Ratio Lower Upper

43 100

58 32.8 27.7 41.5

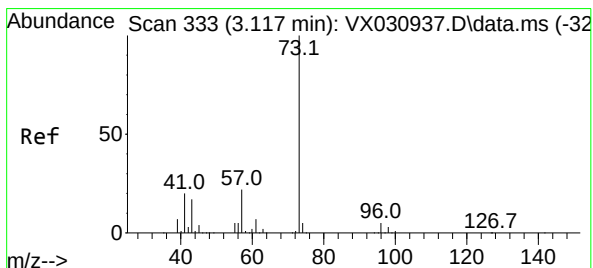
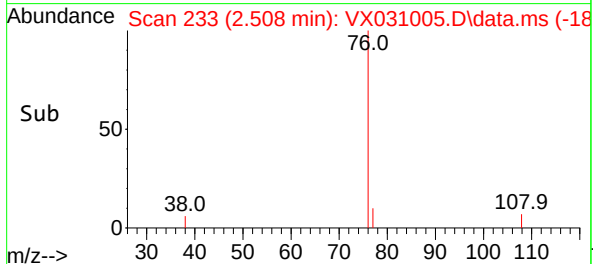
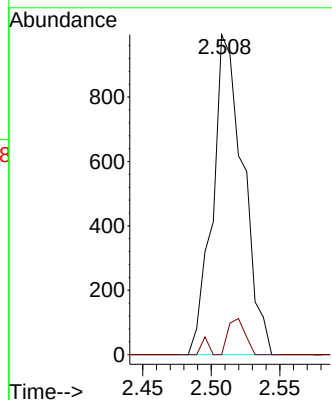
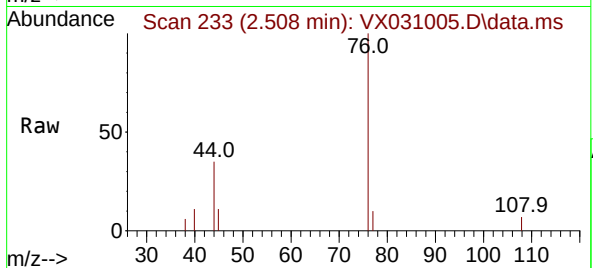




#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

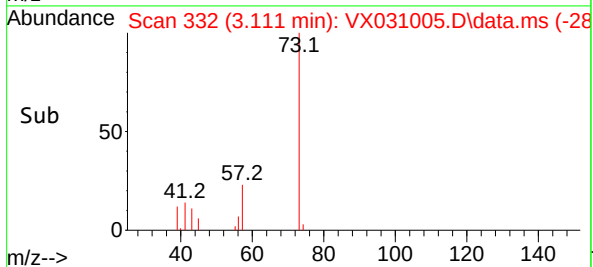
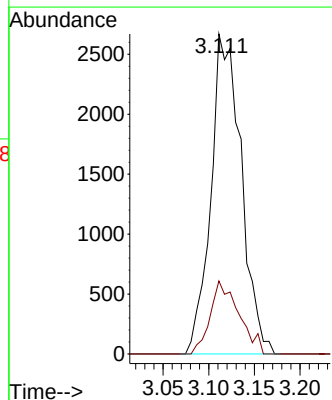
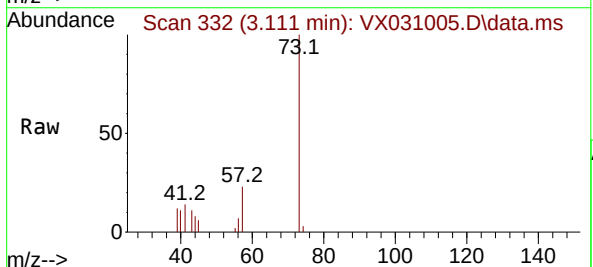
Instrument :
MSVOA_X
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MW-41

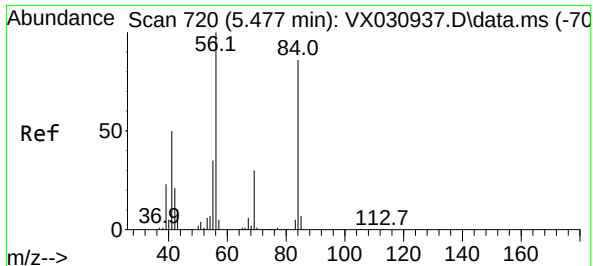
Tgt Ion: 76 Resp: 1539
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#19
Methyl tert-butyl Ether
Concen: 0.691 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

Tgt Ion: 73 Resp: 6158
Ion Ratio Lower Upper
73 100
57 22.8 19.0 28.6

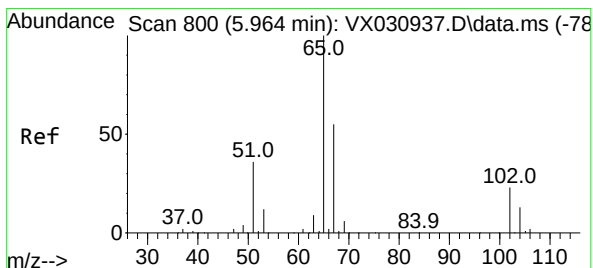
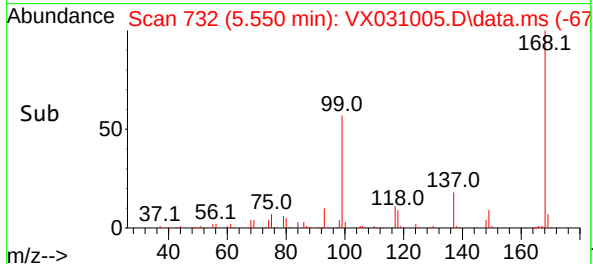
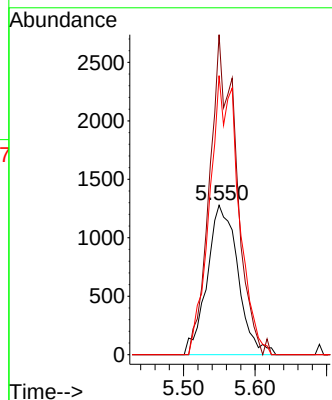
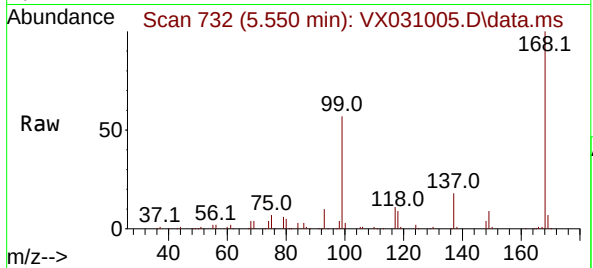




#31
Cyclohexane
Concen: 0.798 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

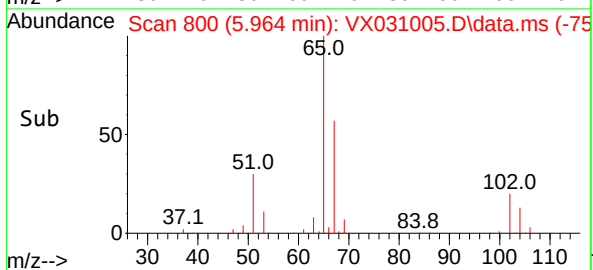
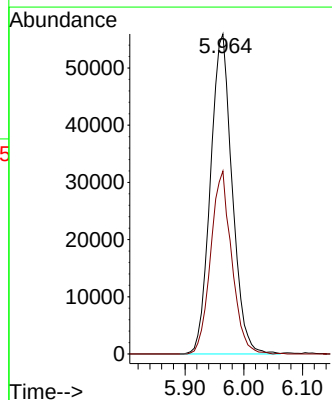
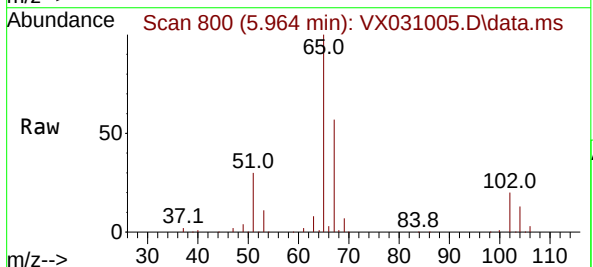
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ClientSampleId :
MW-41

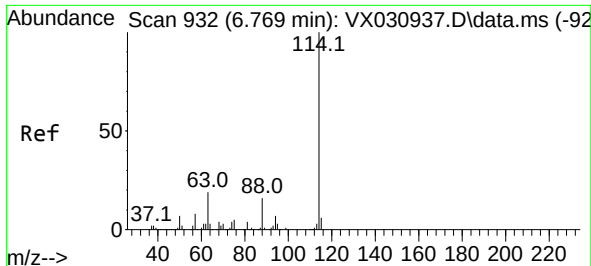
Tgt Ion: 56 Resp: 3813
Ion Ratio Lower Upper
56 100
69 214.2 25.4 38.0#
84 186.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 44.438 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

Tgt Ion: 65 Resp: 143551
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6

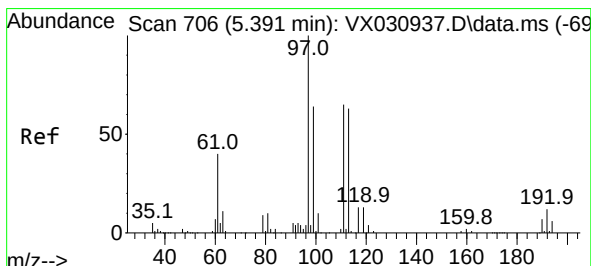
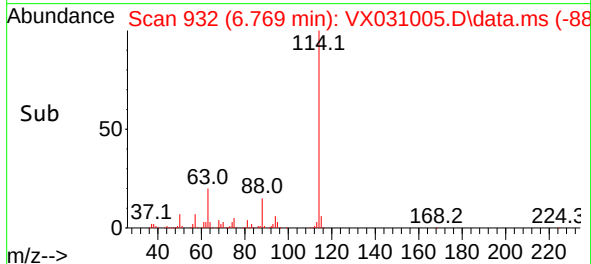
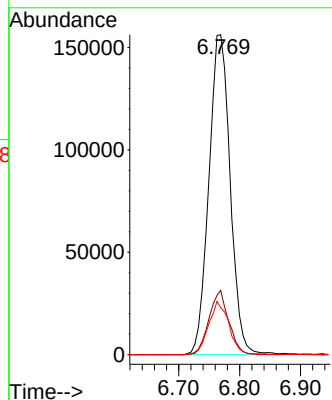
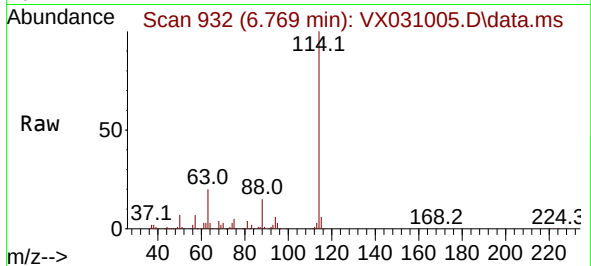




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

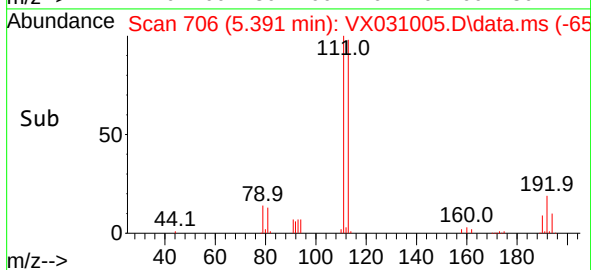
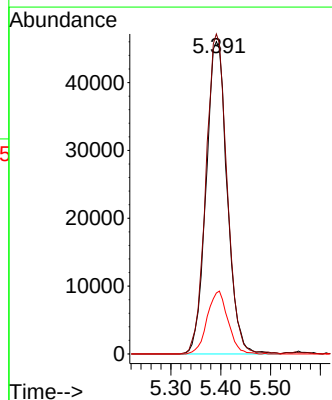
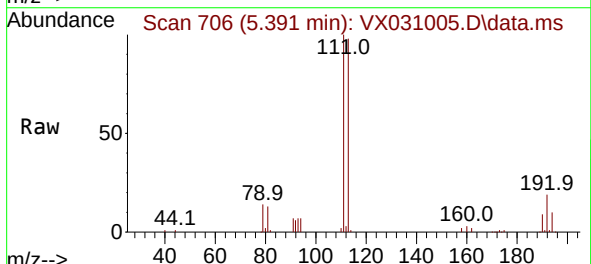
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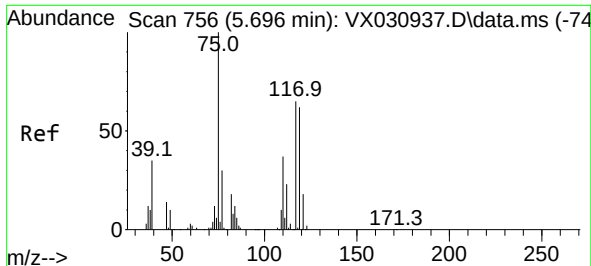
Tgt Ion:114 Resp: 380982
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.935 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

Tgt Ion:113 Resp: 134620
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 19.9 14.8 22.2

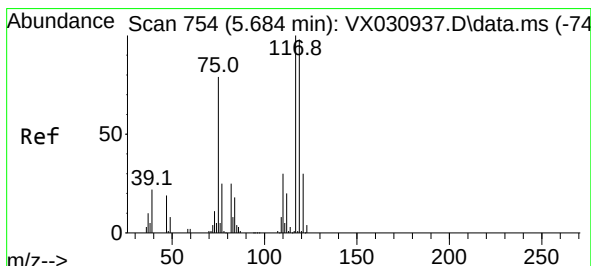
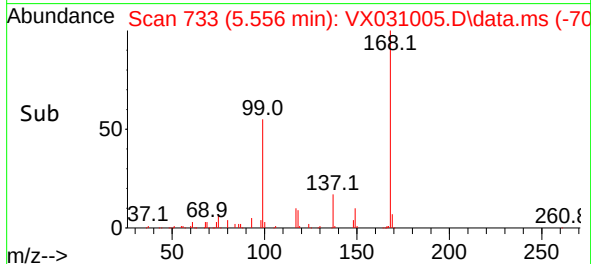
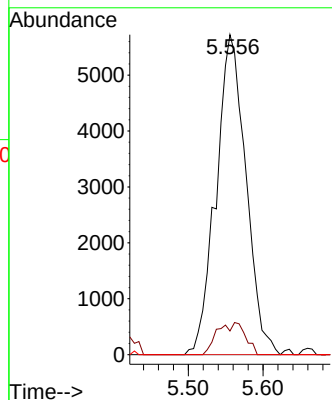
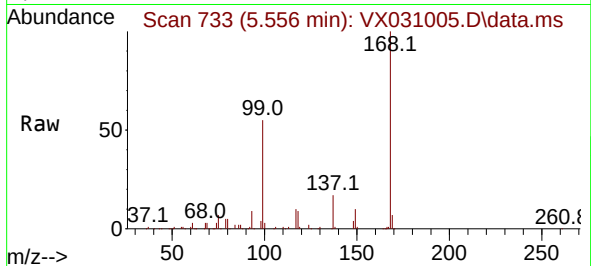




#36
1,1-Dichloropropene
Concen: 3.812 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

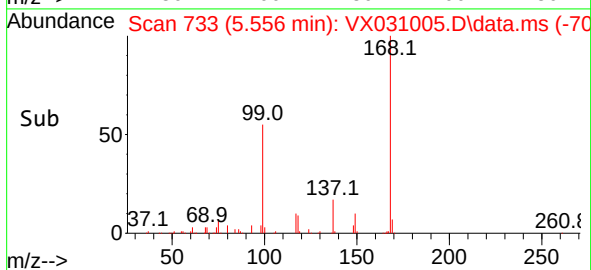
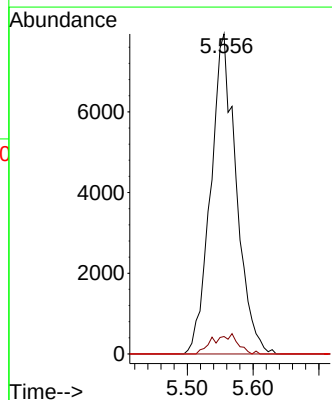
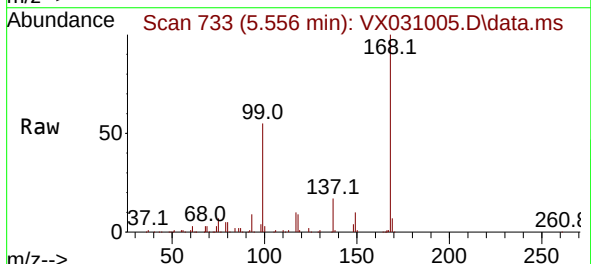
Instrument :
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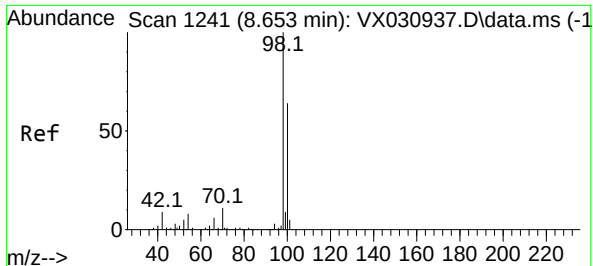
Tgt Ion: 75 Resp: 15911
Ion Ratio Lower Upper
75 100
110 9.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.395 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

Tgt Ion: 117 Resp: 21440
Ion Ratio Lower Upper
117 100
119 5.4 74.1 111.1#
121 0.0 25.8 38.8#

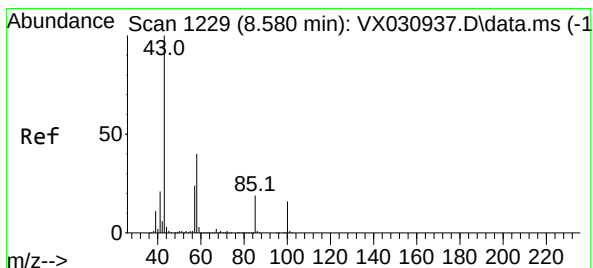
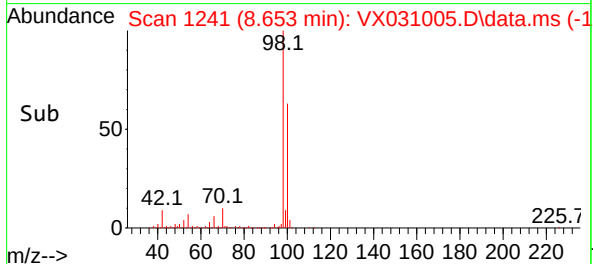
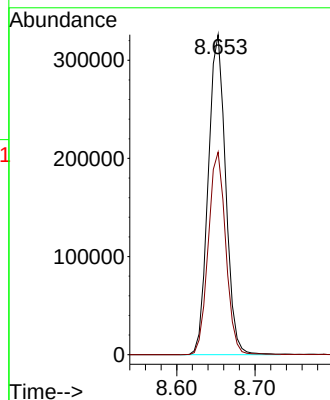
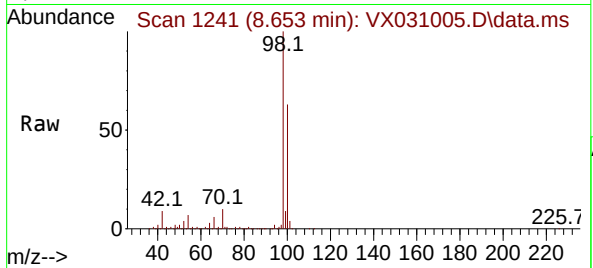




#50
Toluene-d8
Concen: 48.375 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

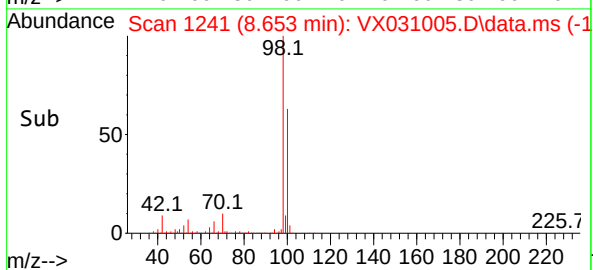
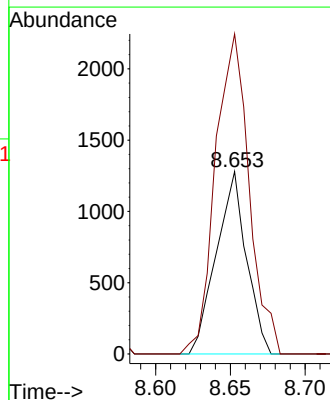
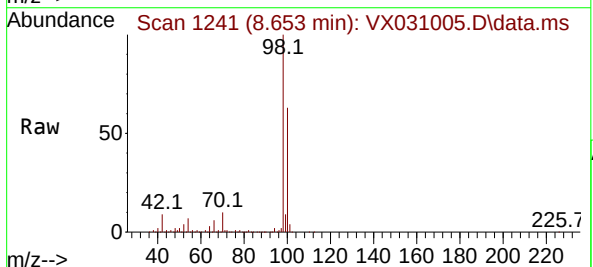
Instrument :
MSVOA_X
ClientSampleId :
MW-41

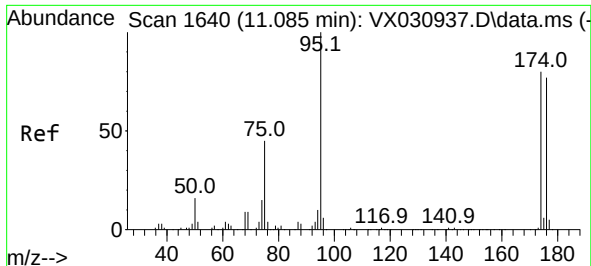
Tgt Ion: 98 Resp: 503127
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.400 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

Tgt Ion: 43 Resp: 1797
Ion Ratio Lower Upper
43 100
58 195.4 31.4 47.2#

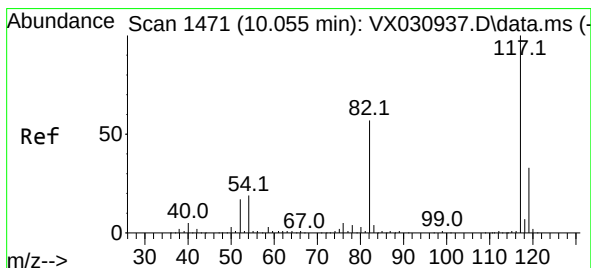
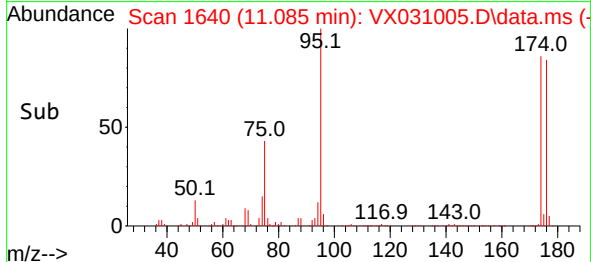
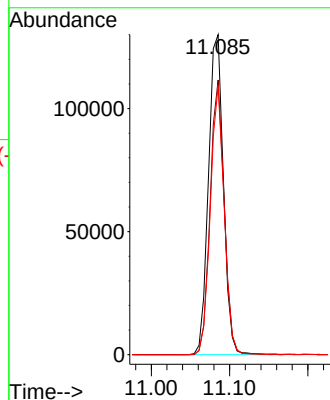
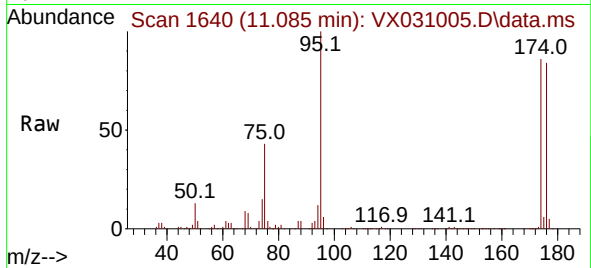




#62
4-Bromofluorobenzene
Concen: 46.278 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

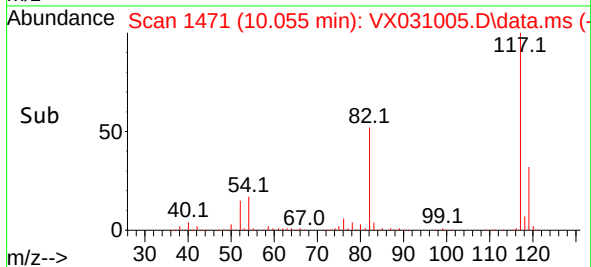
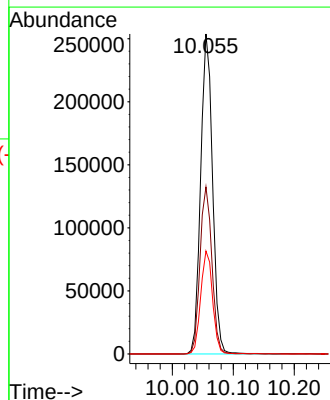
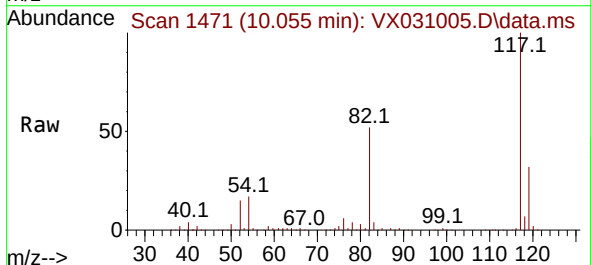
Instrument :
MSVOA_X
ClientSampleId :
MW-41

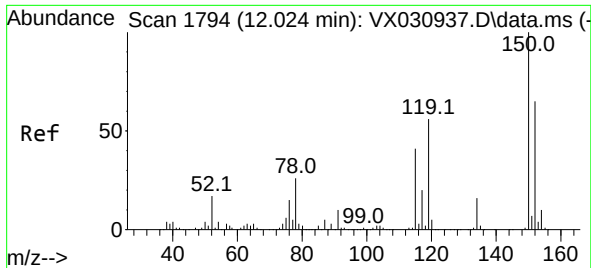
Tgt Ion: 95 Resp: 171399
Ion Ratio Lower Upper
95 100
174 81.1 0.0 149.0
176 78.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031005.D
Acq: 01 Sep 2022 02:53

Tgt Ion: 117 Resp: 344208
Ion Ratio Lower Upper
117 100
82 52.2 42.7 64.1
119 32.1 25.4 38.2

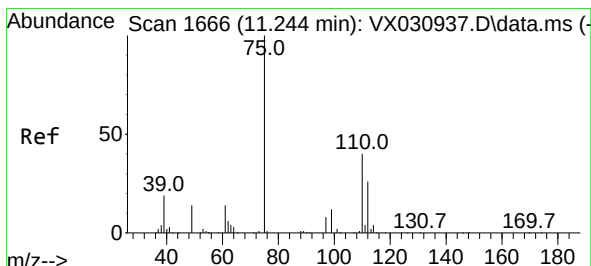
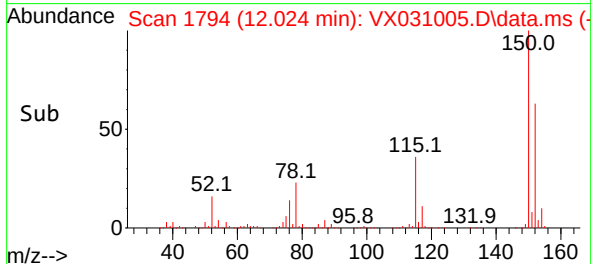
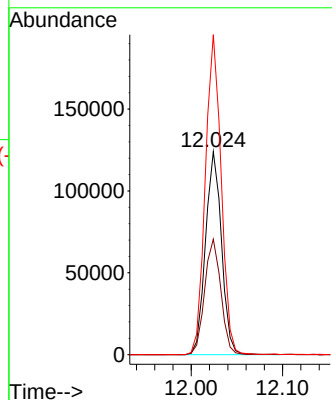
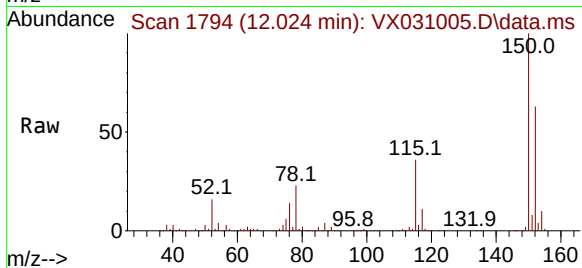




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX031005.D
 Acq: 01 Sep 2022 02:53

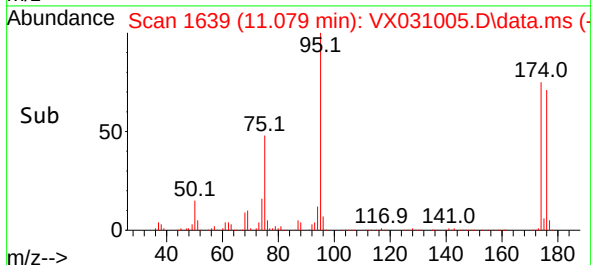
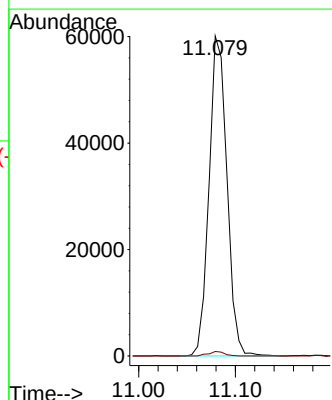
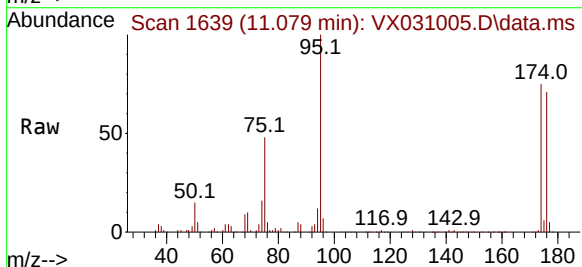
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41

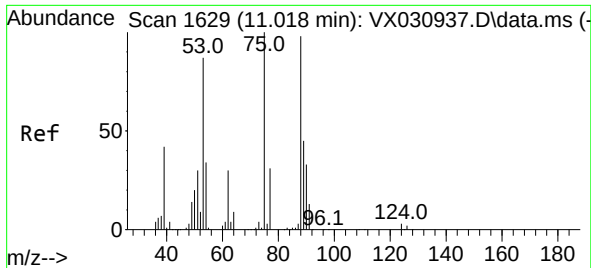
Tgt Ion:152 Resp: 150602
 Ion Ratio Lower Upper
 152 100
 115 57.7 40.5 121.5
 150 155.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 20.887 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031005.D
 Acq: 01 Sep 2022 02:53

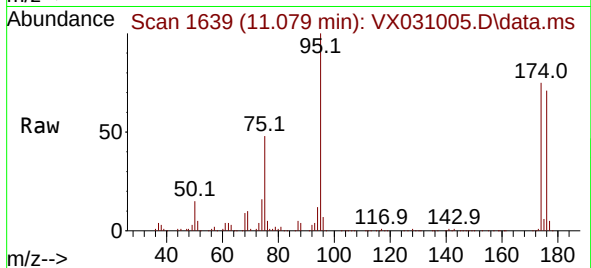
Tgt Ion: 75 Resp: 77443
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.101 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031005.D
 Acq: 01 Sep 2022 02:53

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41



Tgt Ion: 75 Resp: 77443
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

