

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040462.D
 Acq On : 26 Feb 2024 15:53
 Operator : JC/MD
 Sample : P1578-15 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20240221

Quant Time: Feb 27 05:10:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

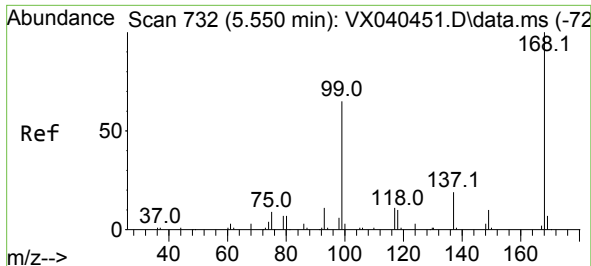
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	74262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130244	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59760	48.113	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.220%
35) Dibromofluoromethane	5.385	113	43969	48.547	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.100%
50) Toluene-d8	8.647	98	163192	49.639	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.280%
62) 4-Bromofluorobenzene	11.079	95	63901	50.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.980%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	207	0.246	ug/l #	66
13) Acrolein	2.239	56	68	0.508	ug/l #	14
16) Acetone	2.367	43	229	0.565	ug/l #	47
17) Carbon Disulfide	2.513	76	679	0.290	ug/l #	76
20) Methylene Chloride	2.788	84	996	1.028	ug/l #	79
31) Cyclohexane	5.550	56	2191	1.557	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	7031	5.039	ug/l #	49
38) Carbon Tetrachloride	5.543	117	8481	6.291	ug/l #	15
44) Trichloroethene	7.129	130	47546	46.796	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	894	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36524	25.851	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	36524	75.284	ug/l #	5

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

Quant Time: Feb 27 05:10:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

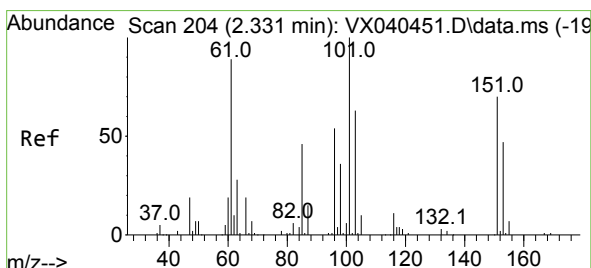
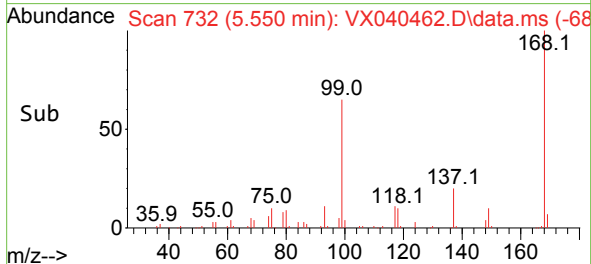
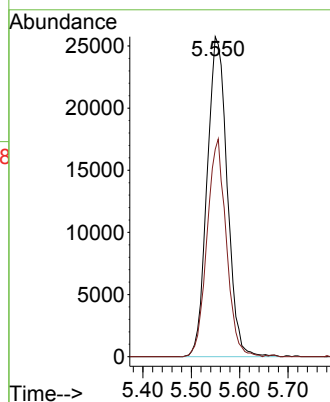
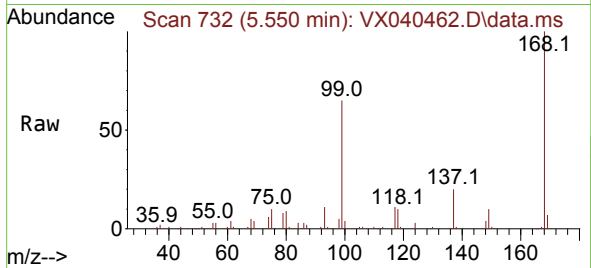




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

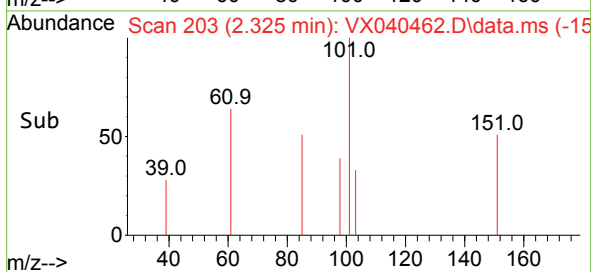
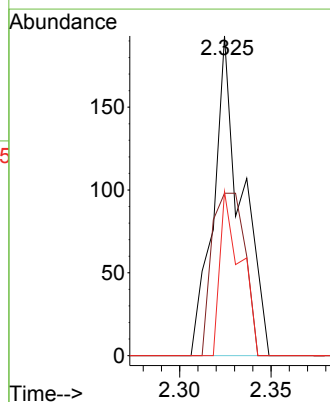
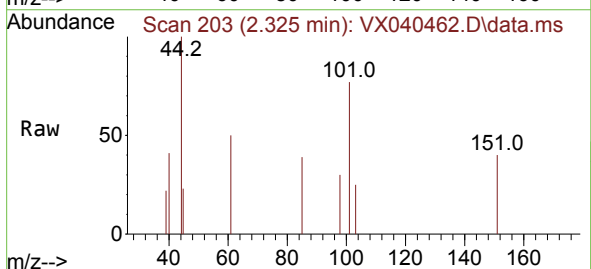
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20240221

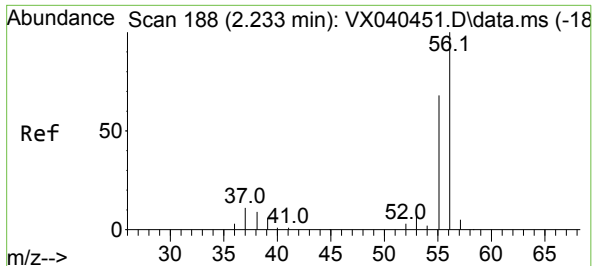
Tgt Ion:168 Resp: 74262
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.246 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

Tgt Ion:101 Resp: 207
Ion Ratio Lower Upper
101 100
85 59.9 37.0 55.6#
151 37.7 58.6 87.8#

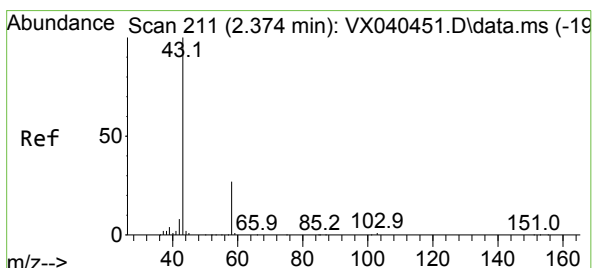
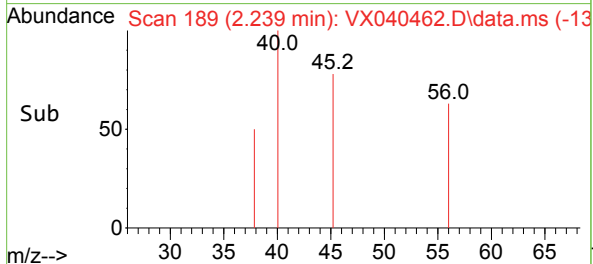
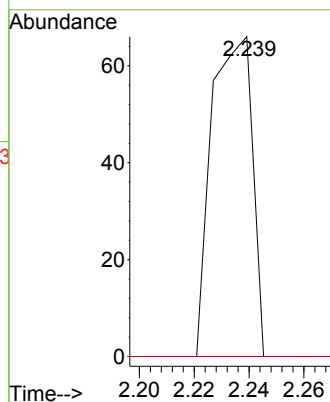
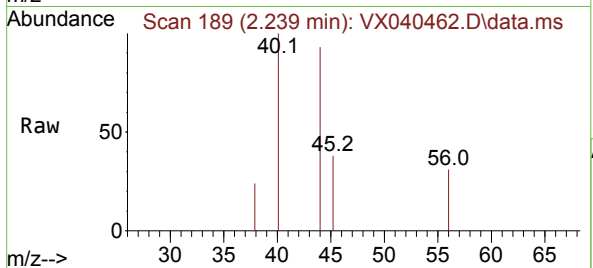




#13
Acrolein
Concen: 0.508 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

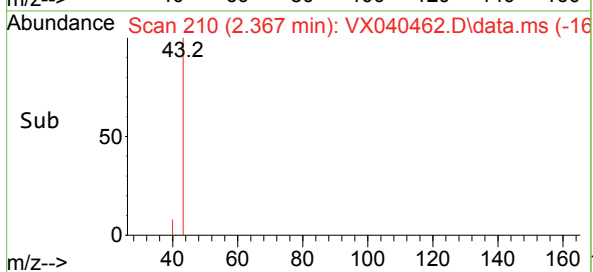
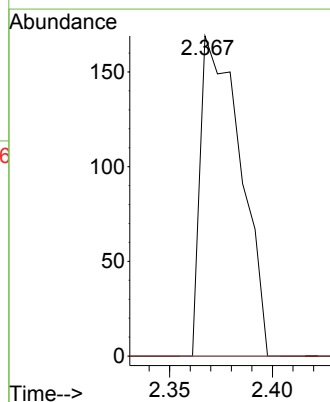
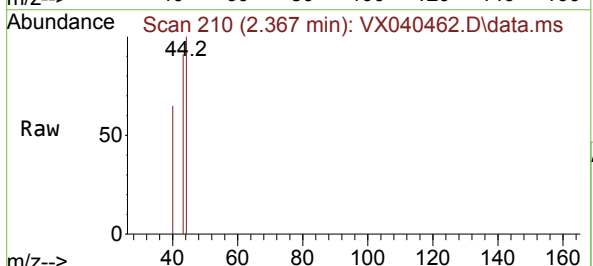
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20240221

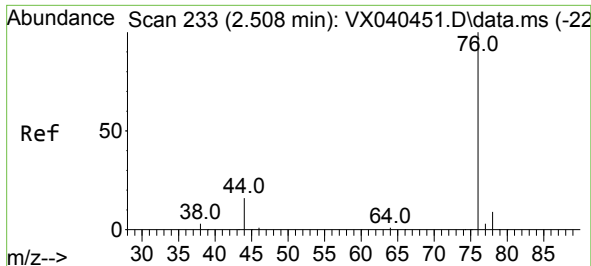
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 0.565 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.290 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040462.D

Acq: 26 Feb 2024 15:53

Instrument :

MSVOA_X

ClientSampleId :

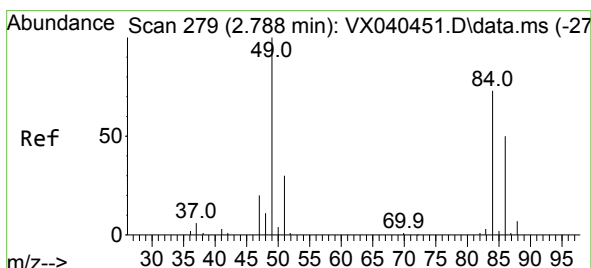
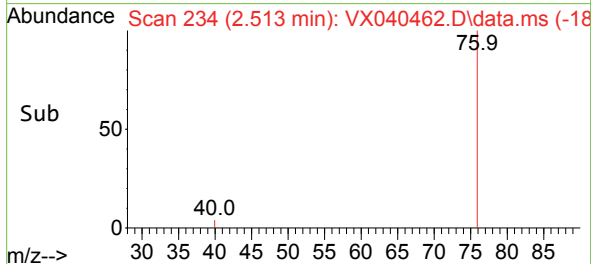
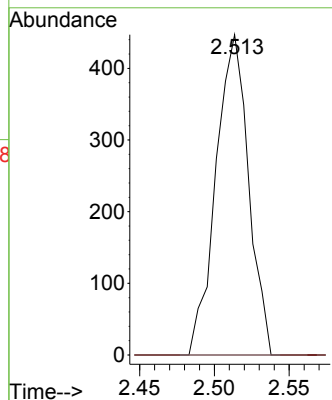
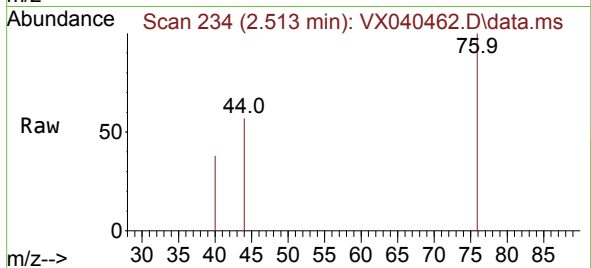
RE122D2-20240221

Tgt Ion: 76 Resp: 679

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 1.028 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040462.D

Acq: 26 Feb 2024 15:53

Tgt Ion: 84 Resp: 996

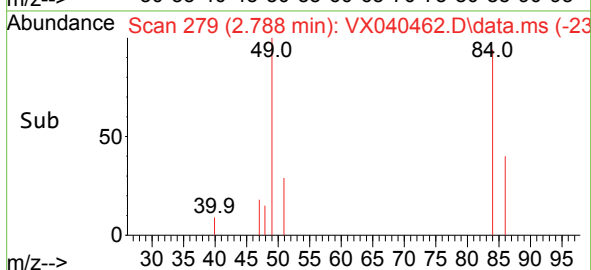
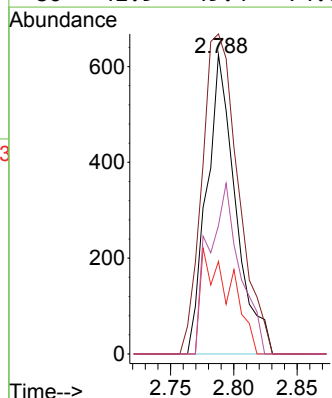
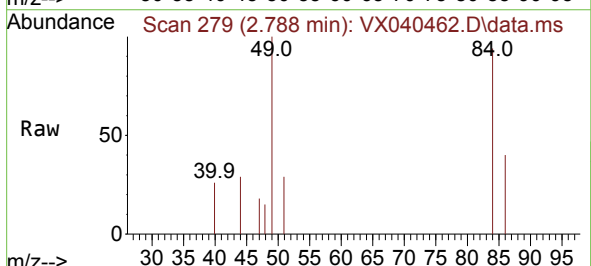
Ion Ratio Lower Upper

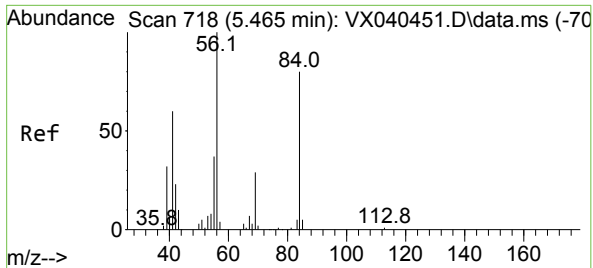
84 100

49 106.9 103.6 155.4

51 30.9 33.8 50.6#

86 42.9 49.4 74.0#

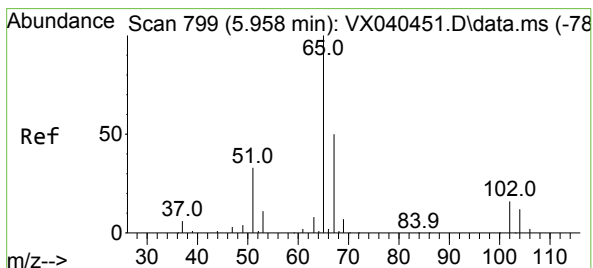
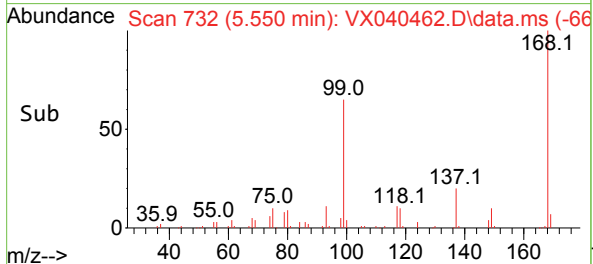
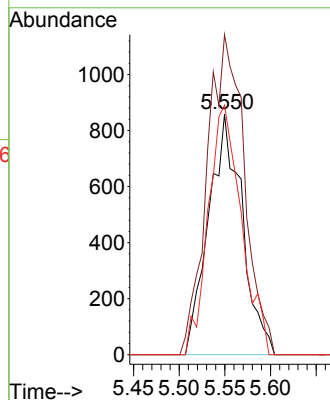
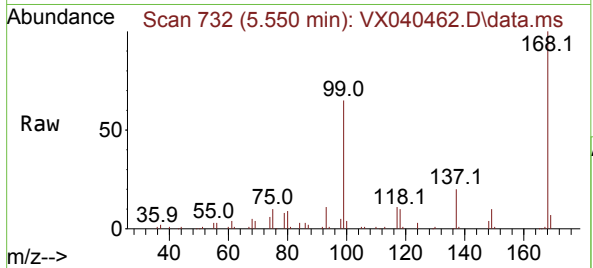




#31
Cyclohexane
Concen: 1.557 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

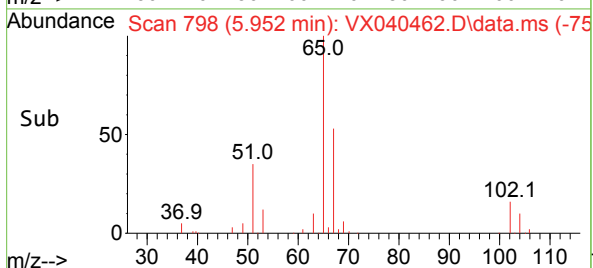
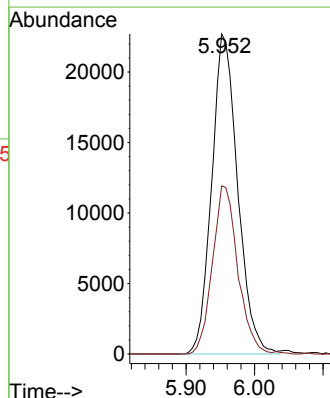
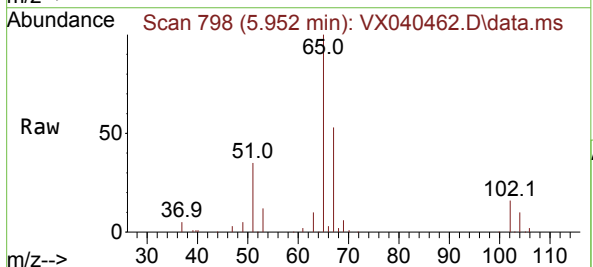
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20240221

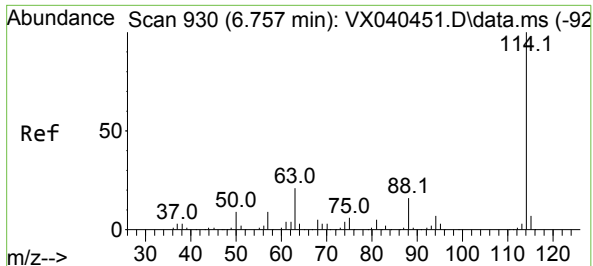
Tgt Ion: 56 Resp: 2191
Ion Ratio Lower Upper
56 100
69 132.9 23.4 35.2#
84 103.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.113 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

Tgt Ion: 65 Resp: 59760
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

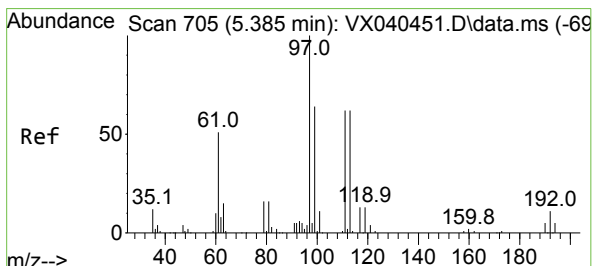
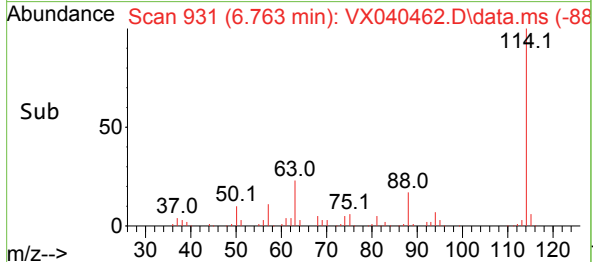
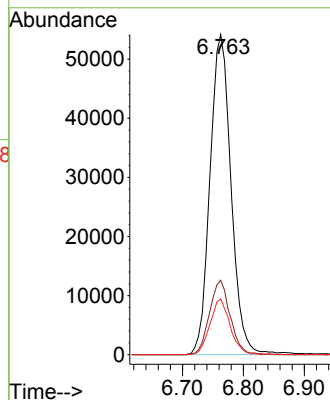
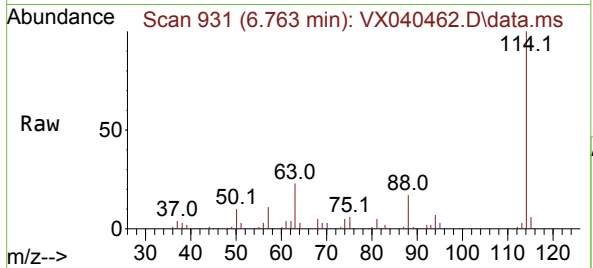




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX040462.D
 Acq: 26 Feb 2024 15:53

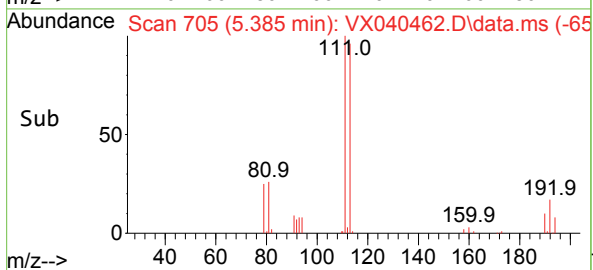
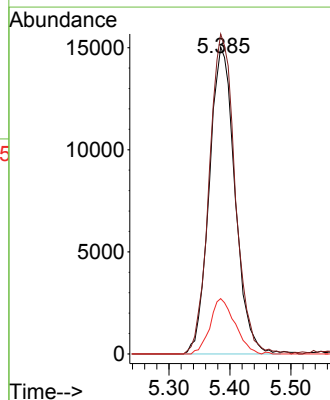
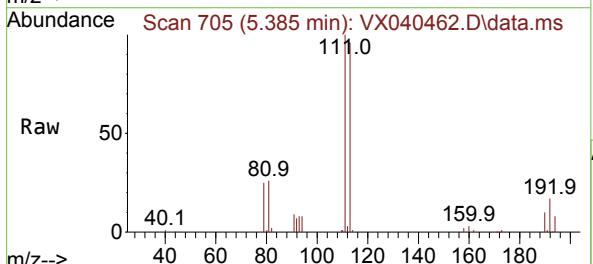
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20240221

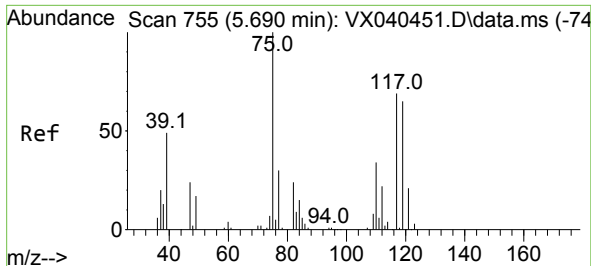
Tgt Ion:114 Resp: 130244
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.0
 88 17.4 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 48.547 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX040462.D
 Acq: 26 Feb 2024 15:53

Tgt Ion:113 Resp: 43969
 Ion Ratio Lower Upper
 113 100
 111 105.4 82.9 124.3
 192 17.4 13.3 19.9

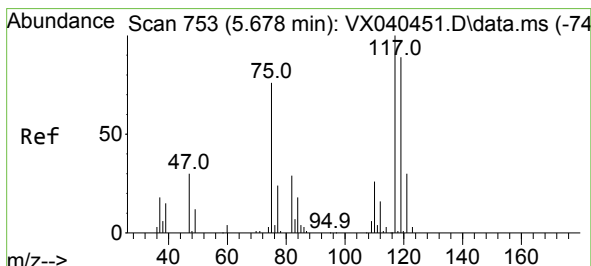
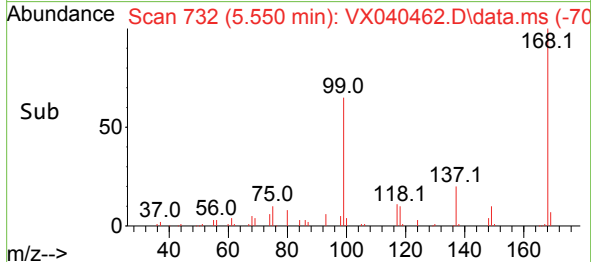
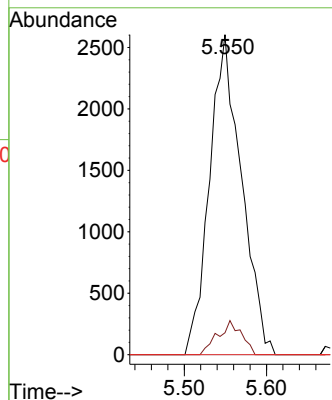
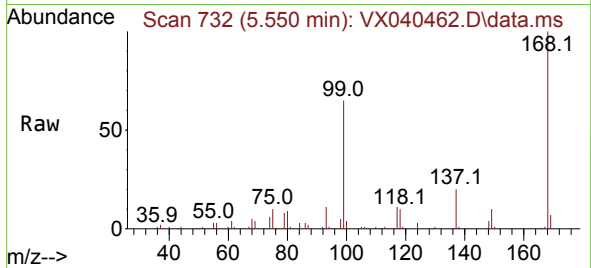




#36
1,1-Dichloropropene
Concen: 5.039 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

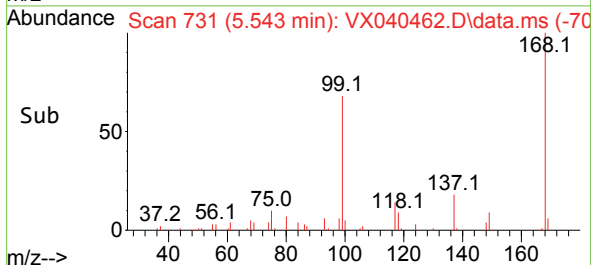
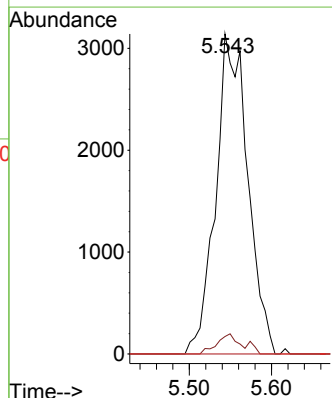
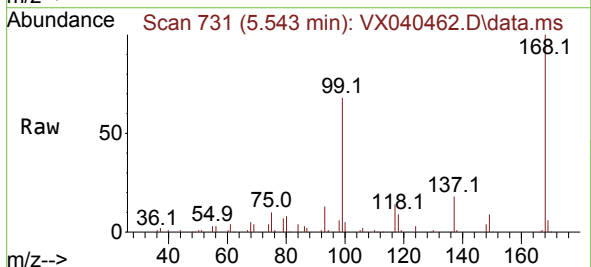
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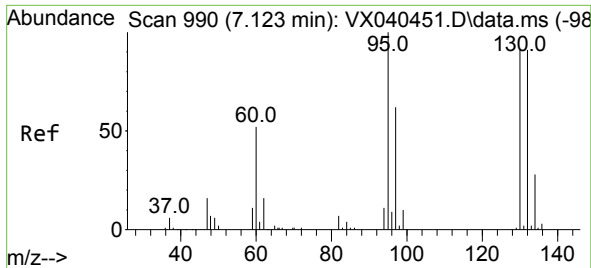
Tgt Ion: 75 Resp: 7031
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

Tgt Ion: 117 Resp: 8481
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

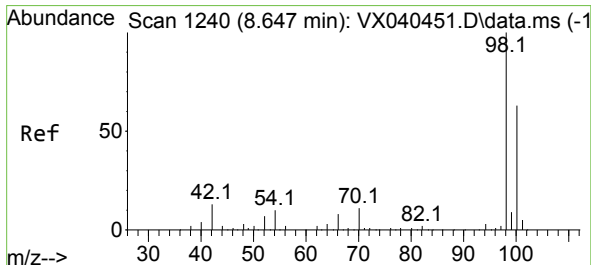
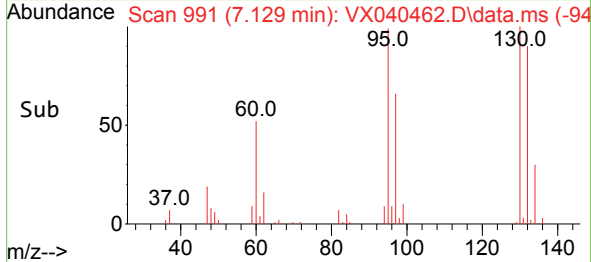
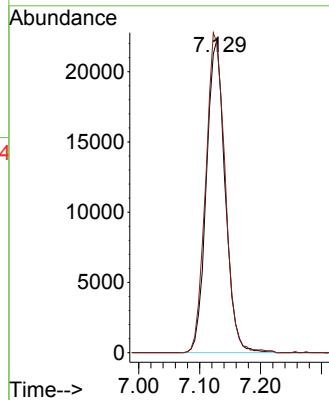
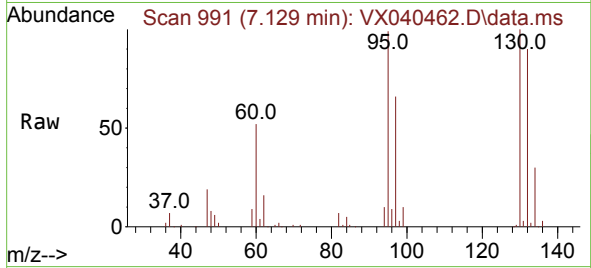




#44
 Trichloroethene
 Concen: 46.796 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX040462.D
 Acq: 26 Feb 2024 15:53

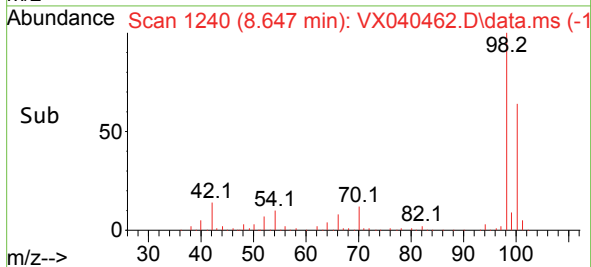
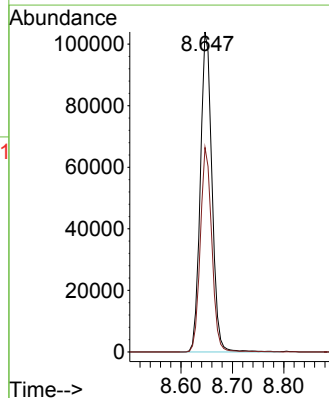
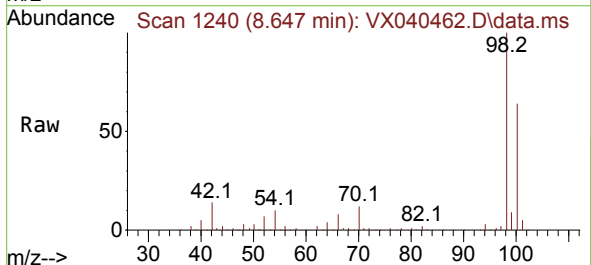
Instrument :
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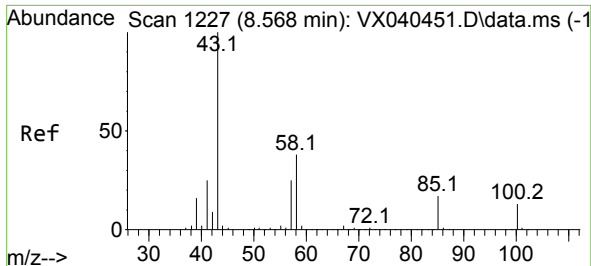
Tgt Ion:130 Resp: 47546
 Ion Ratio Lower Upper
 130 100
 95 98.7 0.0 204.4



#50
 Toluene-d8
 Concen: 49.639 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX040462.D
 Acq: 26 Feb 2024 15:53

Tgt Ion: 98 Resp: 163192
 Ion Ratio Lower Upper
 98 100
 100 63.3 53.1 79.7

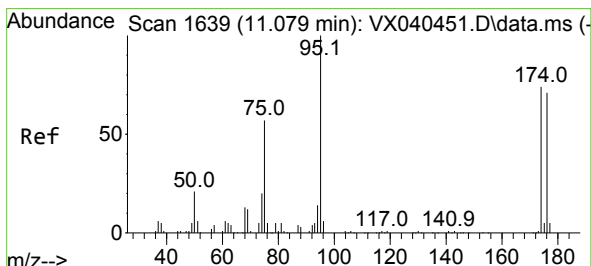
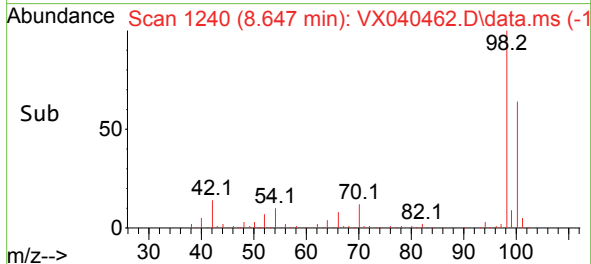
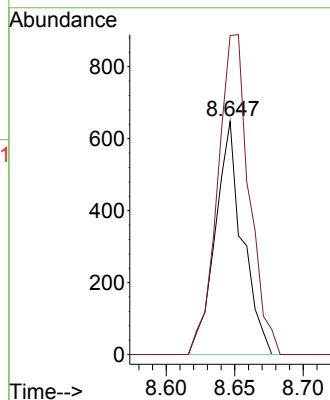
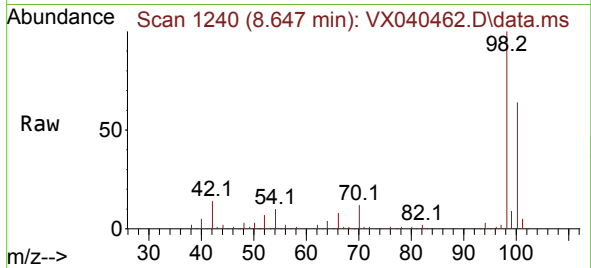




#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. 0.079 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

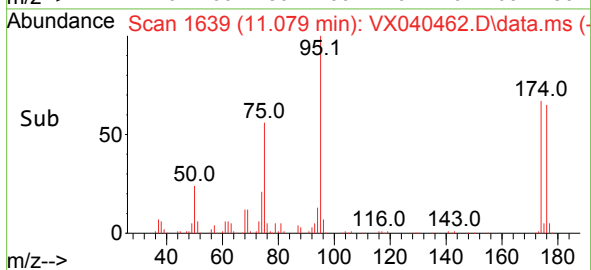
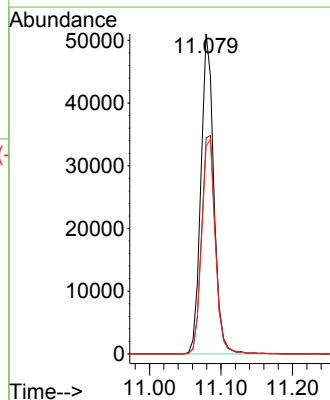
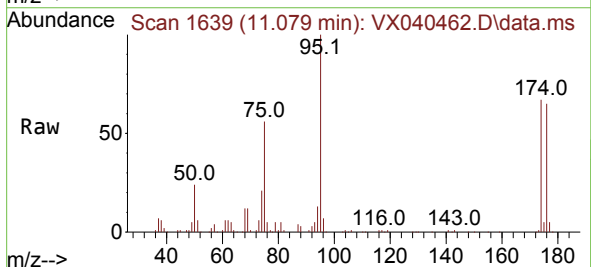
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20240221

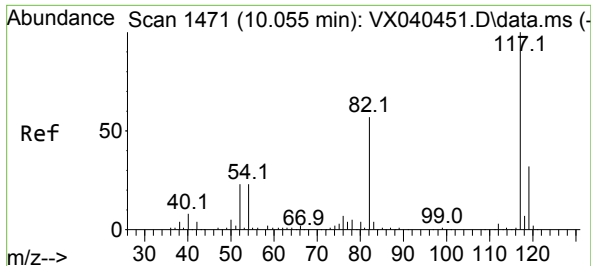
Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 160.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

Tgt Ion: 95 Resp: 63901
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.9 0.0 131.0

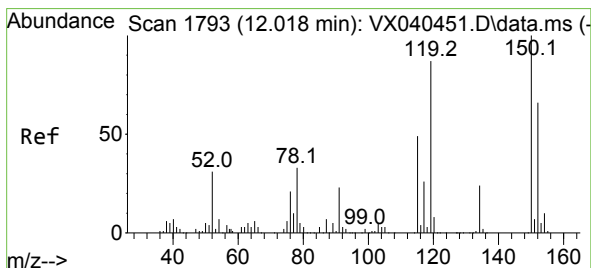
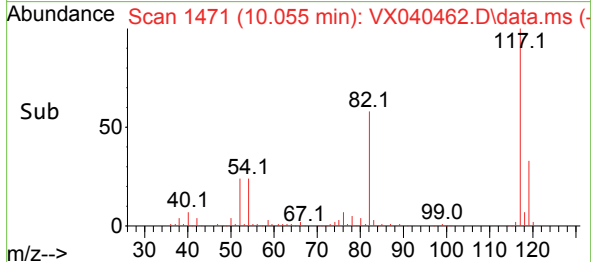
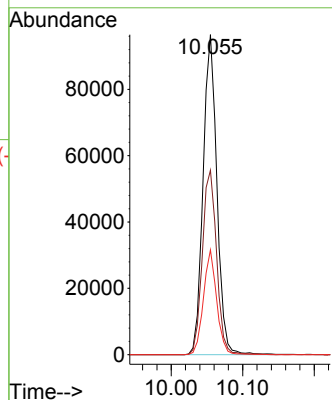
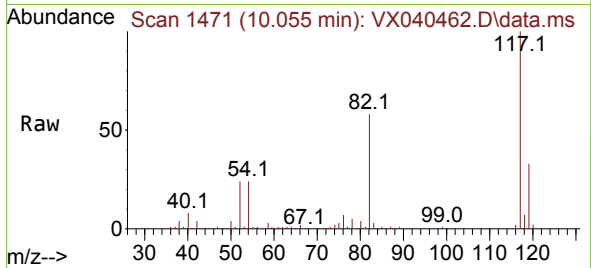




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

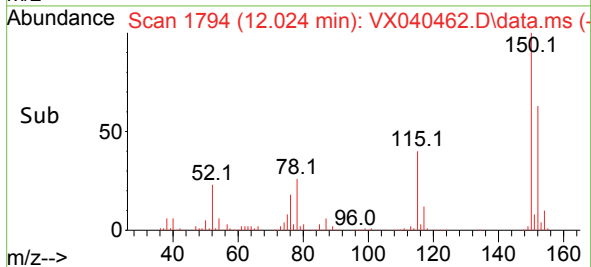
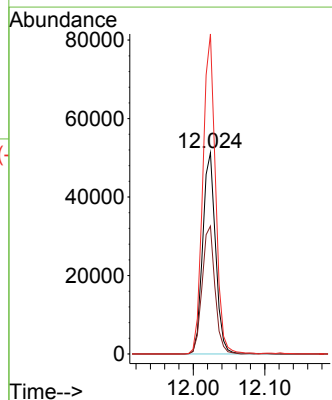
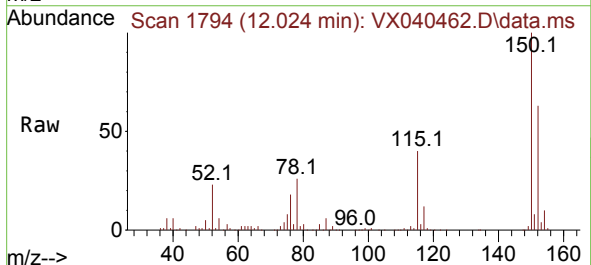
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20240221

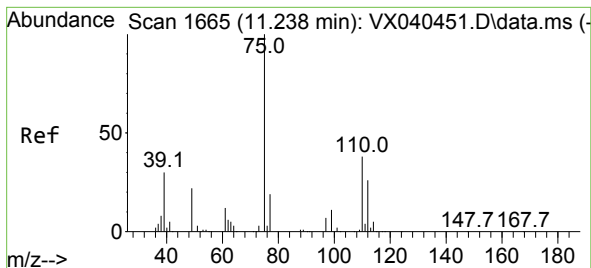
Tgt Ion:117 Resp: 129472
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040462.D
Acq: 26 Feb 2024 15:53

Tgt Ion:152 Resp: 64197
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.851 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040462.D

Acq: 26 Feb 2024 15:53

Instrument :

MSVOA_X

ClientSampleId :

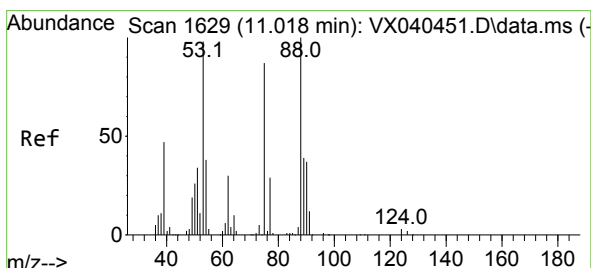
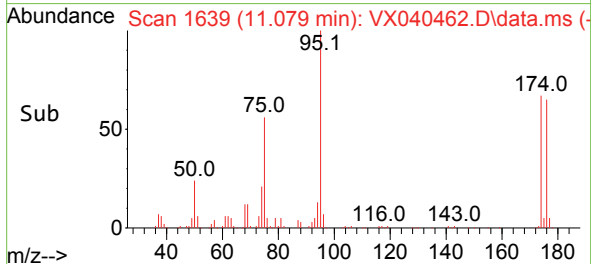
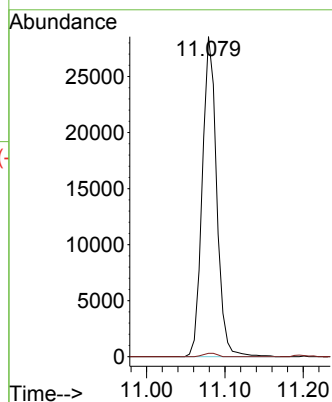
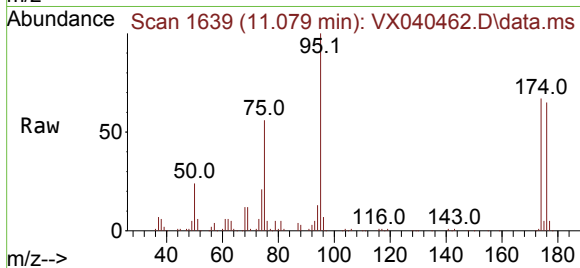
RE122D2-20240221

Tgt Ion: 75 Resp: 36524

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.284 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040462.D

Acq: 26 Feb 2024 15:53

Tgt Ion: 75 Resp: 36524

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

