

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035450.D
 Acq On : 01 May 2023 19:01
 Operator : JC/MD
 Sample : 02515-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-12S

Quant Time: May 02 00:05:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

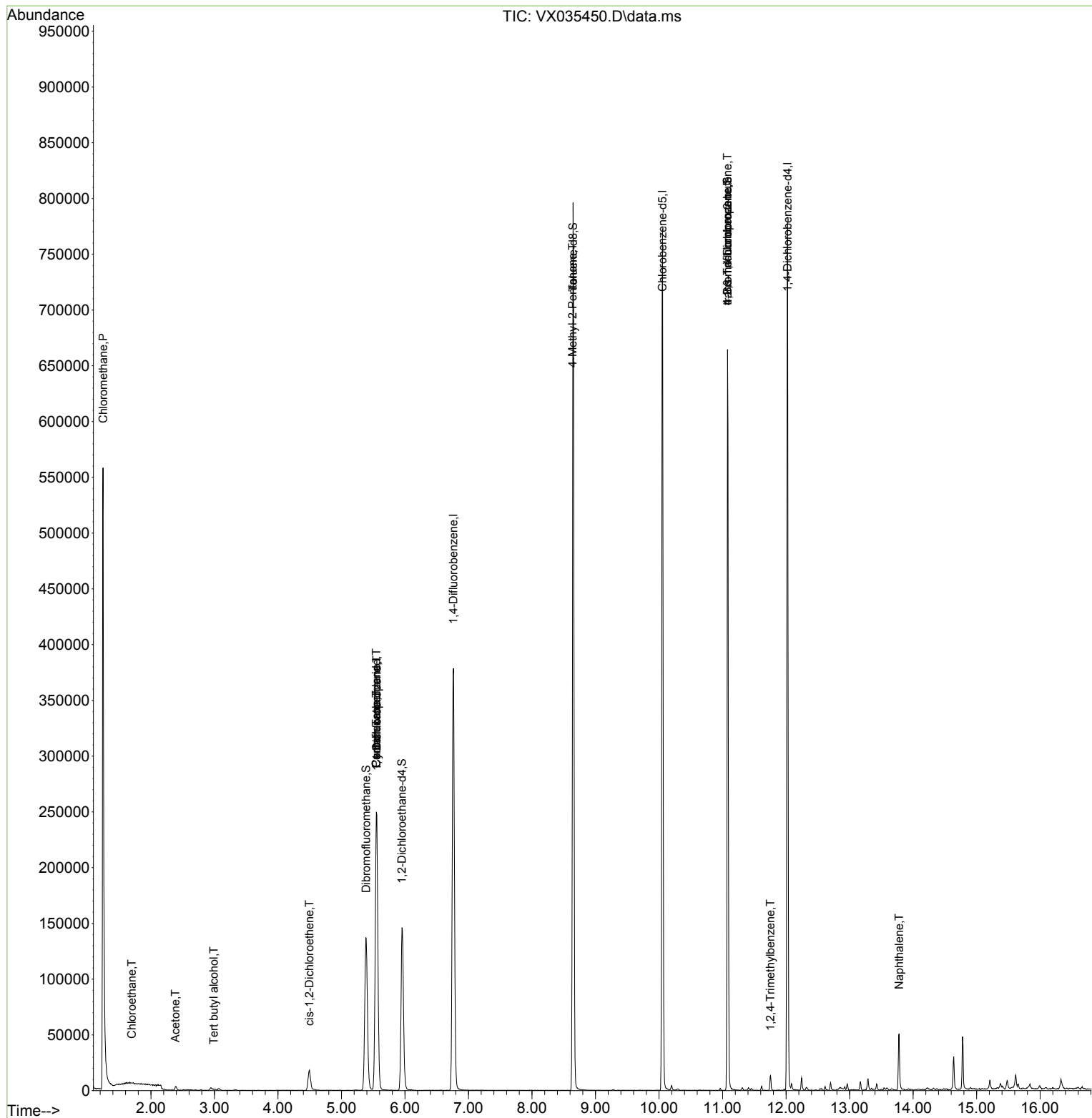
Internal Standards						
1) Pentafluorobenzene	5.550	168	247405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407106	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142415	47.713	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	95.420%	
35) Dibromofluoromethane	5.385	113	125215	50.112	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.220%	
50) Toluene-d8	8.647	98	478811	50.797	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.600%	
62) 4-Bromofluorobenzene	11.079	95	179931	50.744	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	11962	5.023	ug/l #	42
6) Chloroethane	1.697	64	692	0.495	ug/l #	42
11) Tert butyl alcohol	2.989	59	1706	3.139	ug/l #	83
16) Acetone	2.386	43	4612	3.558	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	12381	4.036	ug/l	83
31) Cyclohexane	5.550	56	4442	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17849	4.575	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25104	6.778	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	2034	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	89184	25.529	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	89184	82.683	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	6402	0.590	ug/l	95
95) Naphthalene	13.780	128	36246	3.097	ug/l	99

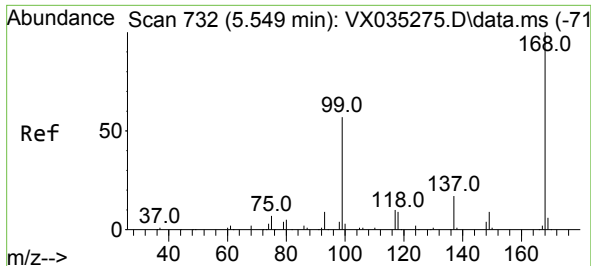
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
Data File : VX035450.D
Acq On : 01 May 2023 19:01
Operator : JC/MD
Sample : 02515-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

Quant Time: May 02 00:05:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

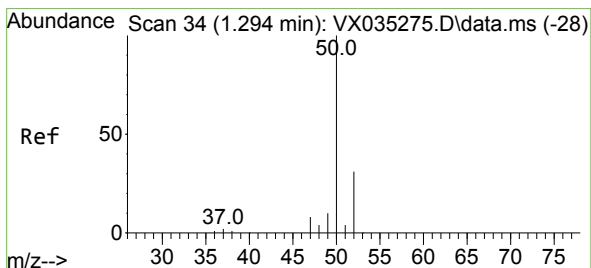
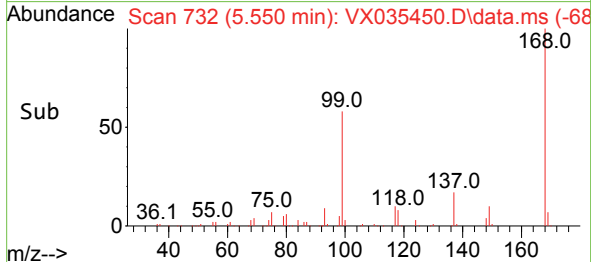
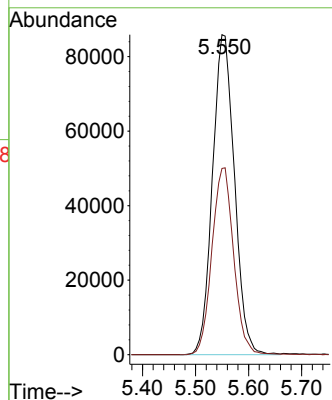
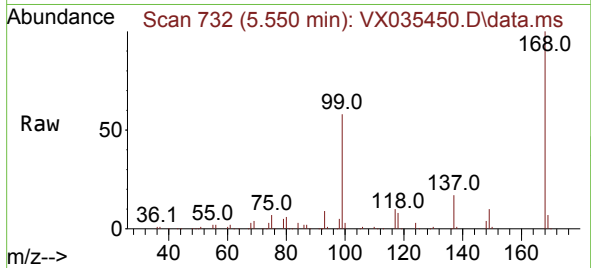




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

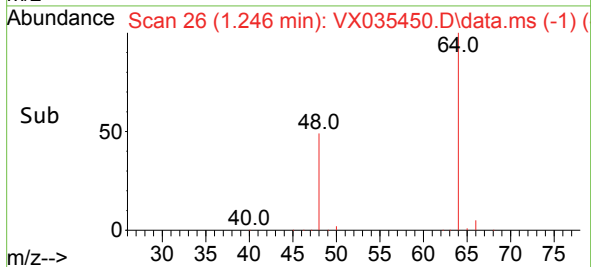
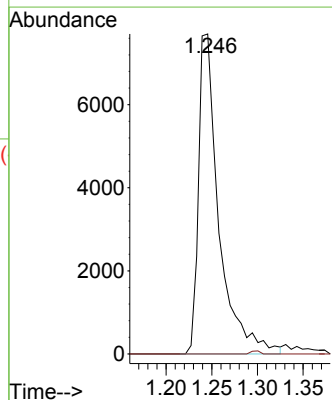
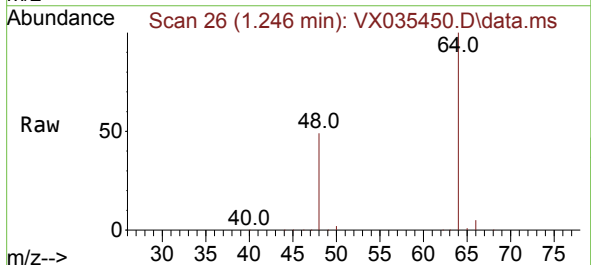
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

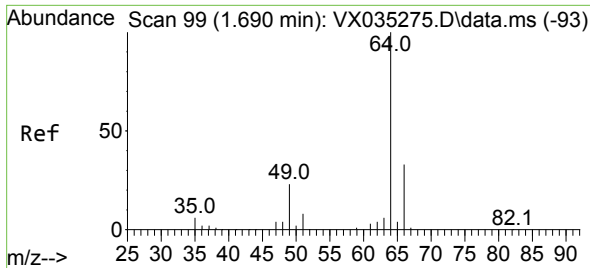
Tgt Ion:168 Resp: 247405
Ion Ratio Lower Upper
168 100
99 58.2 45.7 68.5



#3
Chloromethane
Concen: 5.023 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

Tgt Ion: 50 Resp: 11962
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

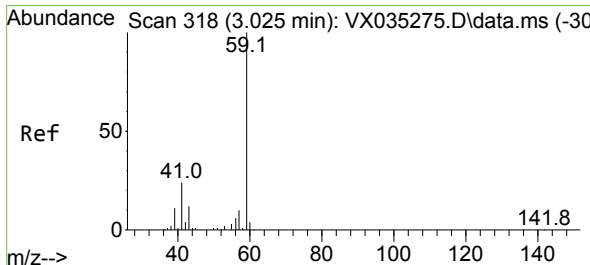
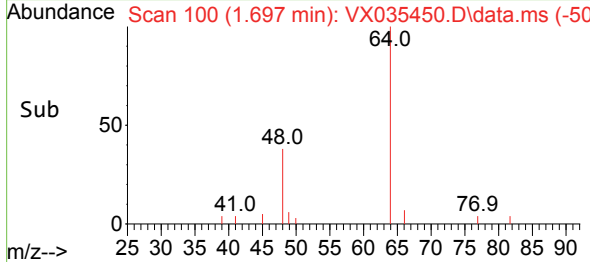
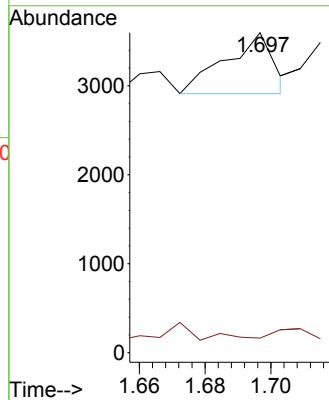
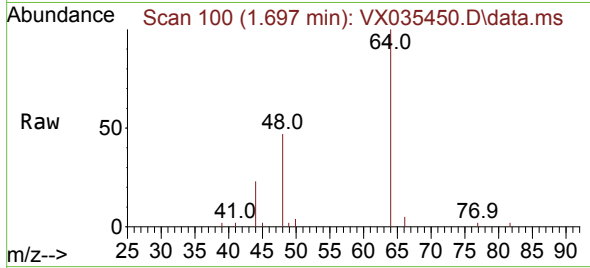




#6
Chloroethane
Concen: 0.495 ug/l
RT: 1.697 min Scan# 10
Delta R.T. 0.007 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

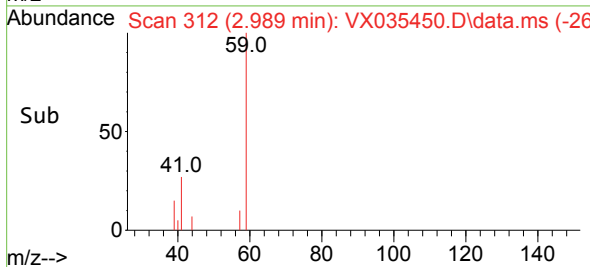
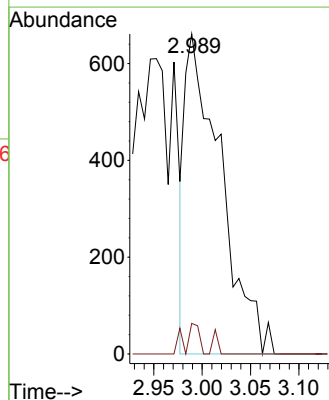
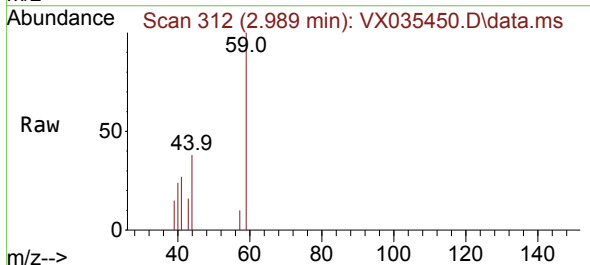
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

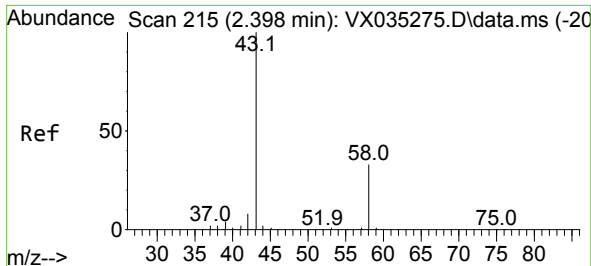
Tgt Ion: 64 Resp: 692
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 3.139 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.036 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

Tgt Ion: 59 Resp: 1706
Ion Ratio Lower Upper
59 100
57 3.8 8.1 12.1#





#16

Acetone

Concen: 3.558 ug/l

RT: 2.386 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX035450.D

Acq: 01 May 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

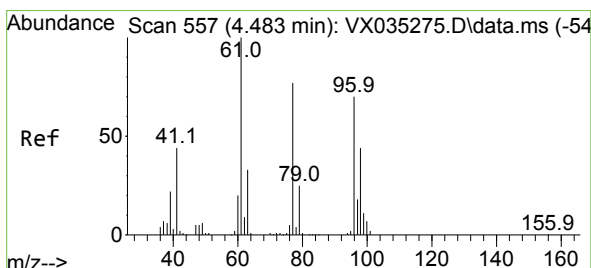
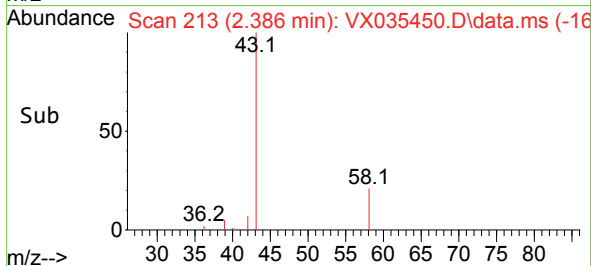
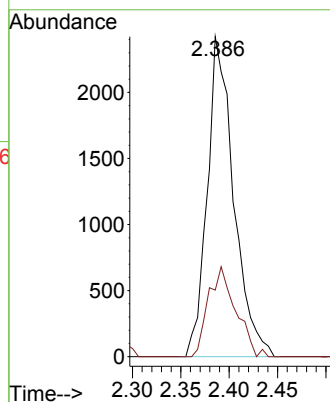
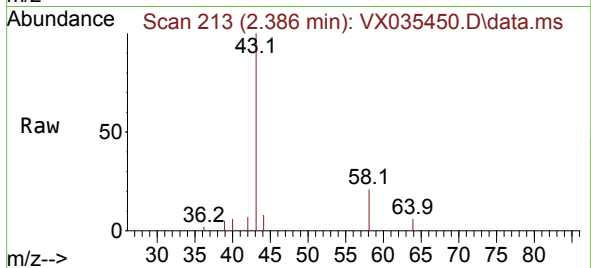
LEA-12S

Tgt Ion: 43 Resp: 4612

Ion Ratio Lower Upper

43 100

58 20.8 24.7 37.1#



#27

cis-1,2-Dichloroethene

Concen: 4.036 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.012 min

Lab File: VX035450.D

Acq: 01 May 2023 19:01

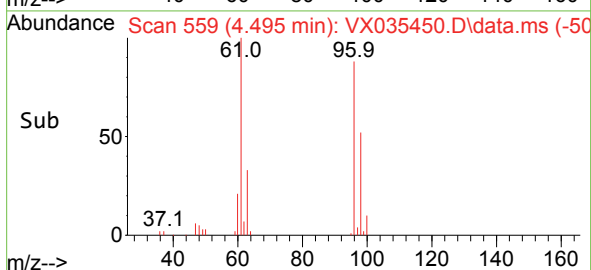
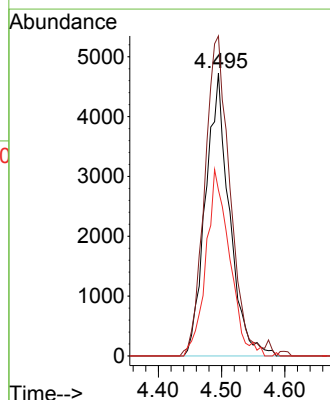
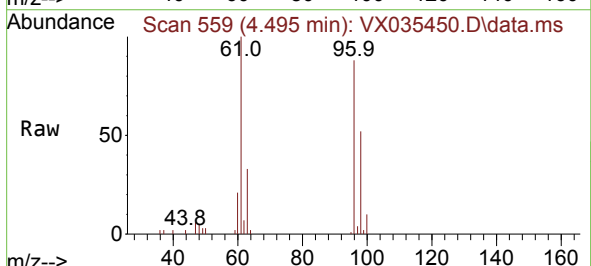
Tgt Ion: 96 Resp: 12381

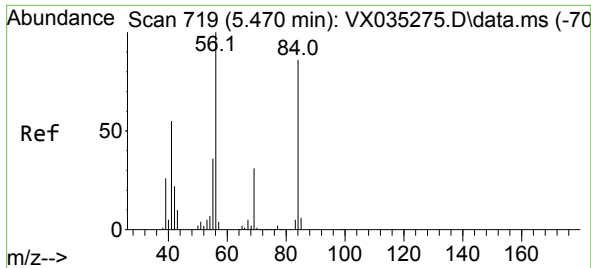
Ion Ratio Lower Upper

96 100

61 119.9 0.0 300.4

98 65.3 0.0 129.0

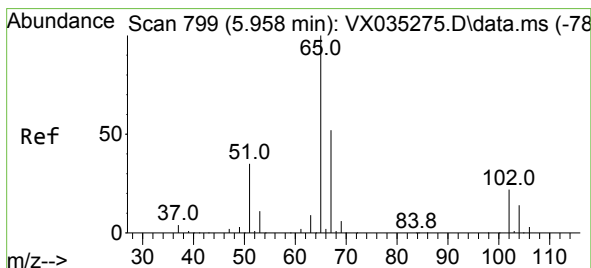
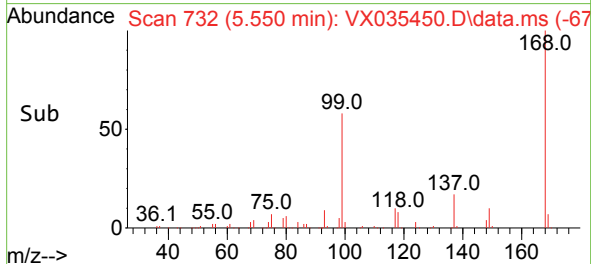
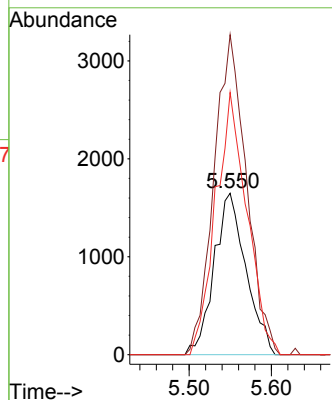
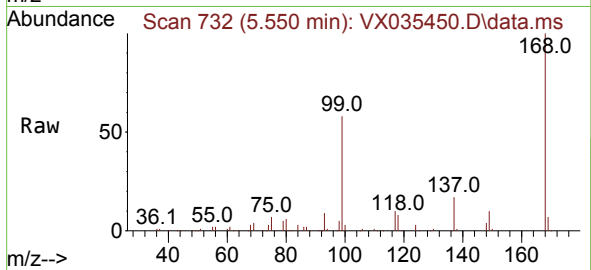




#31
Cyclohexane
Concen: 1.049 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

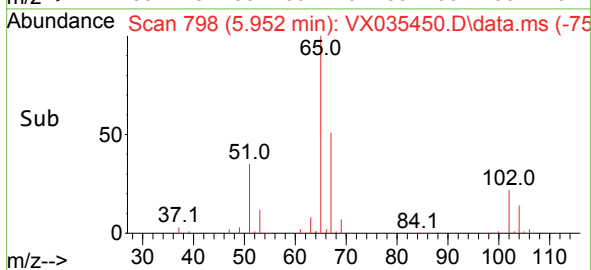
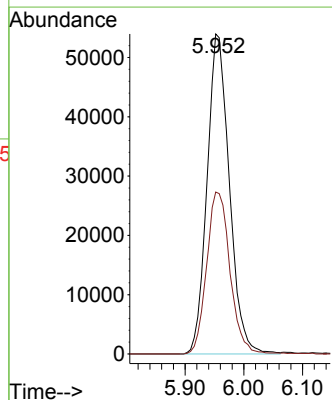
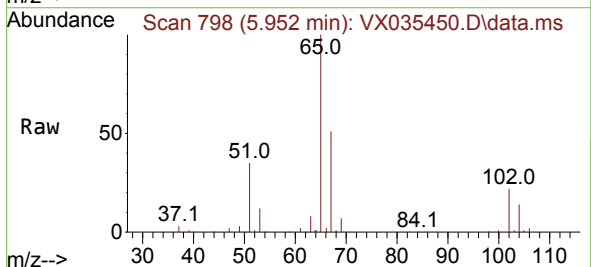
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

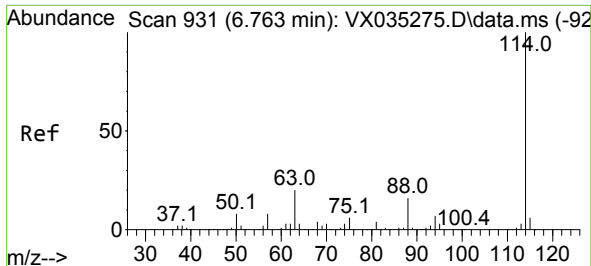
Tgt Ion: 56 Resp: 4442
Ion Ratio Lower Upper
56 100
69 198.2 23.7 35.5#
84 162.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.713 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

Tgt Ion: 65 Resp: 142415
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.0

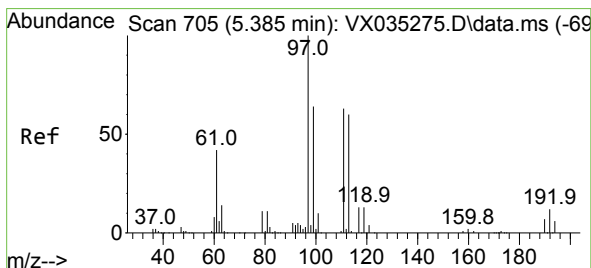
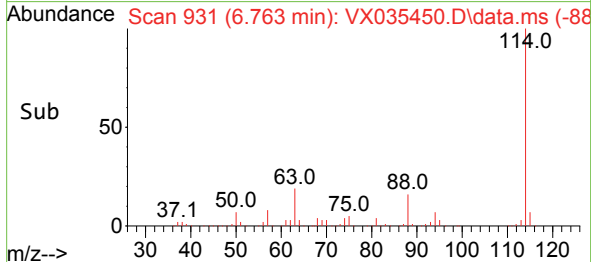
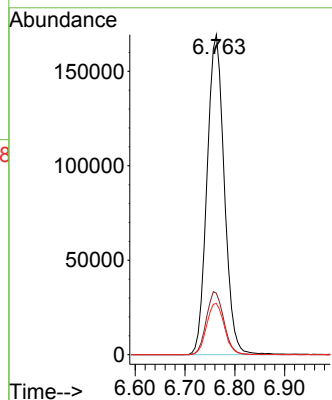
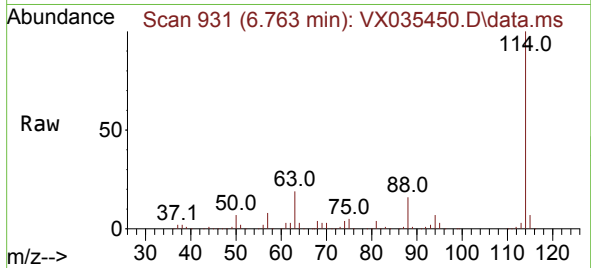




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

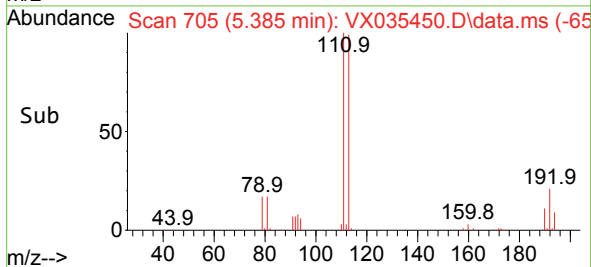
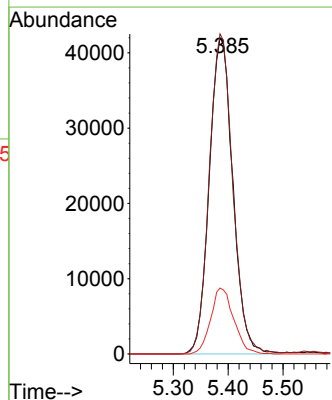
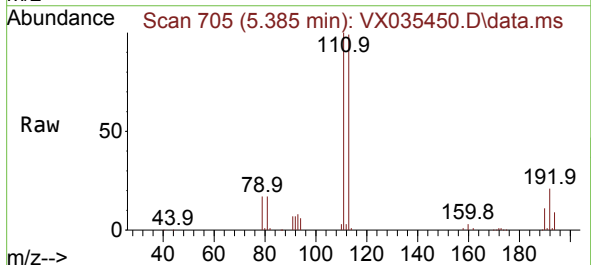
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

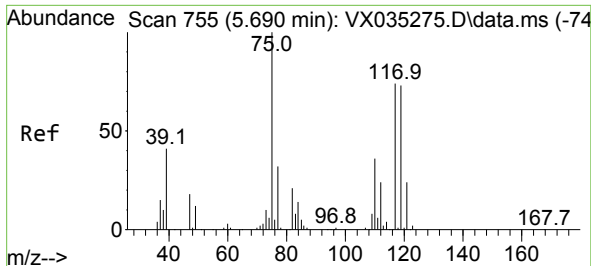
Tgt Ion:114 Resp: 407106
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.112 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

Tgt Ion:113 Resp: 125215
Ion Ratio Lower Upper
113 100
111 101.0 83.7 125.5
192 20.4 15.4 23.2

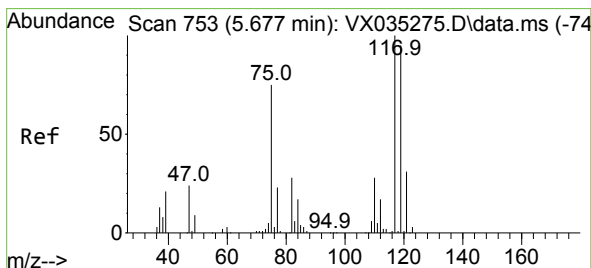
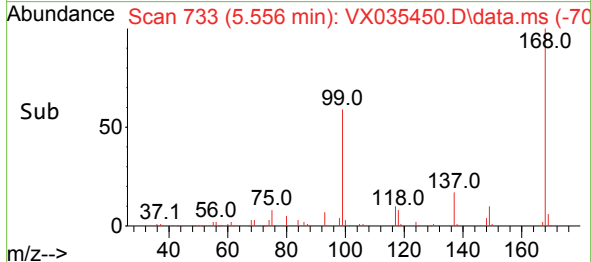
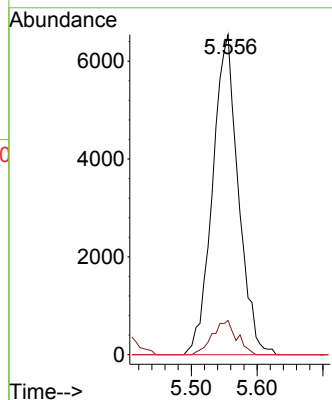
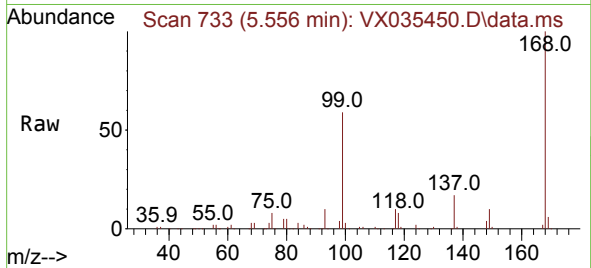




#36
1,1-Dichloropropene
Concen: 4.575 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

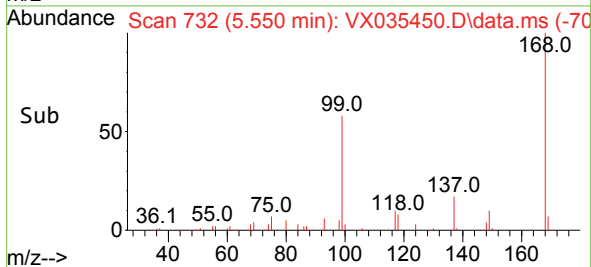
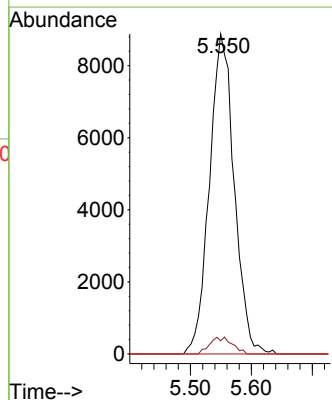
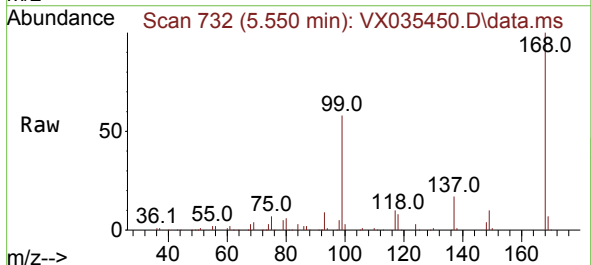
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

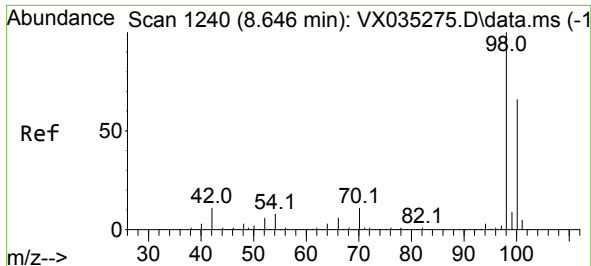
Tgt Ion: 75 Resp: 17849
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.778 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

Tgt Ion: 117 Resp: 25104
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#

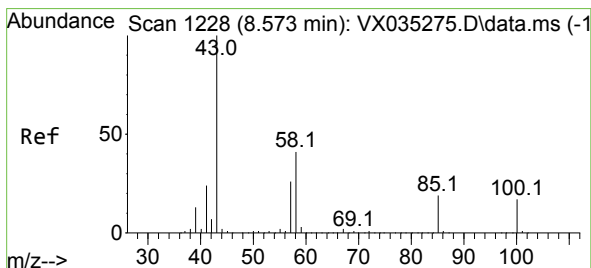
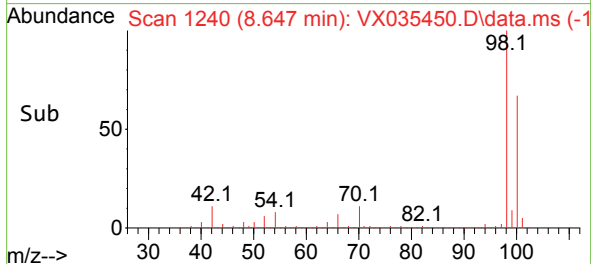
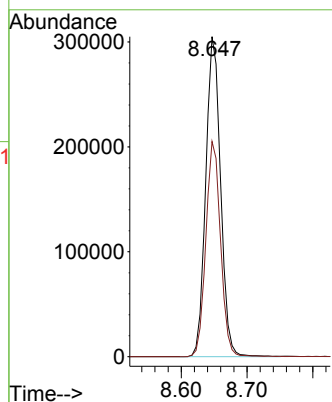
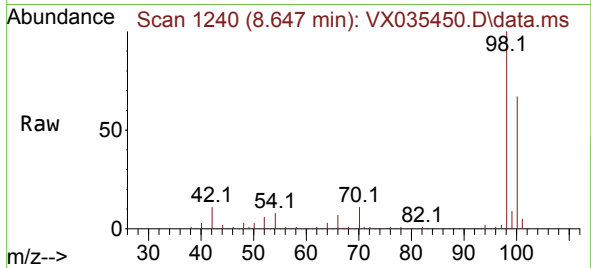




#50
Toluene-d8
Concen: 50.797 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

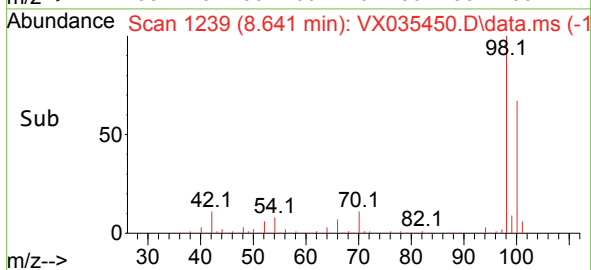
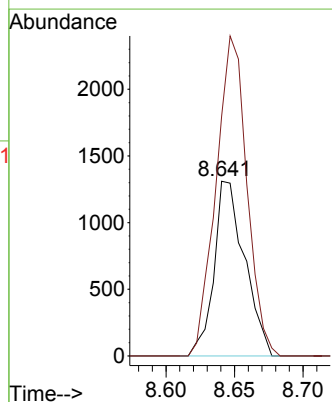
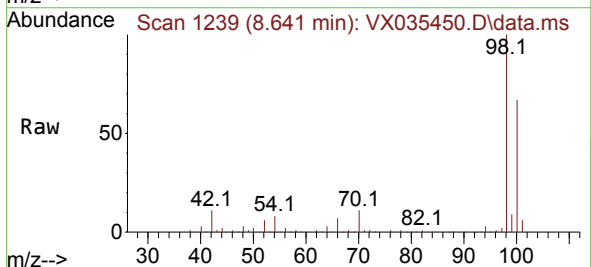
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

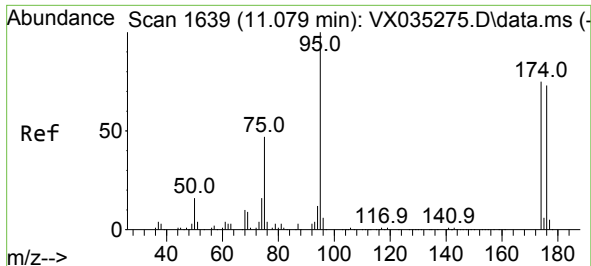
Tgt Ion: 98 Resp: 478811
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.068 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

Tgt Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
58 185.2 30.6 46.0#

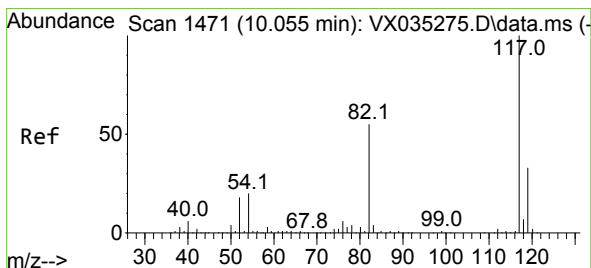
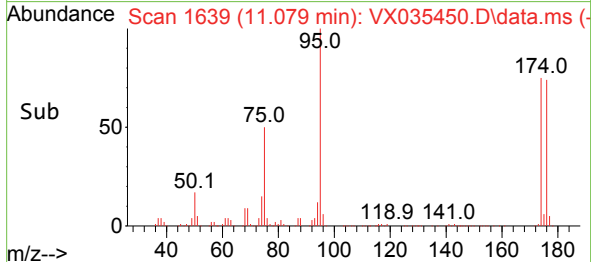
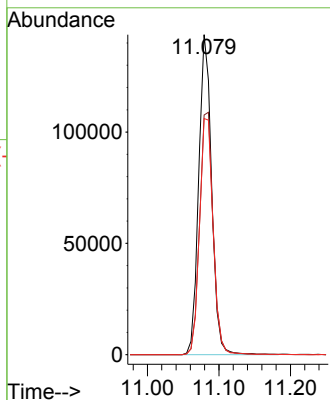
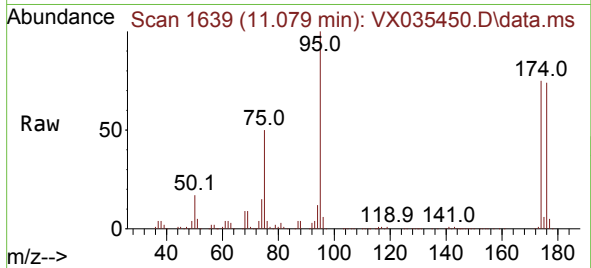




#62
4-Bromofluorobenzene
Concen: 50.744 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

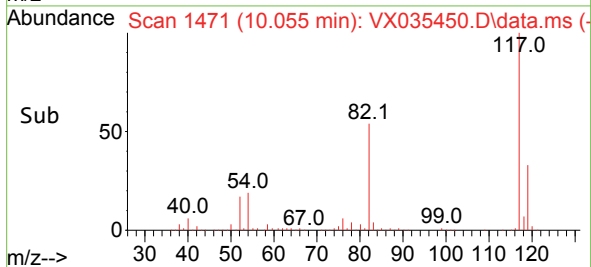
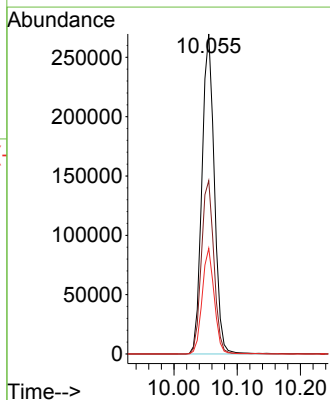
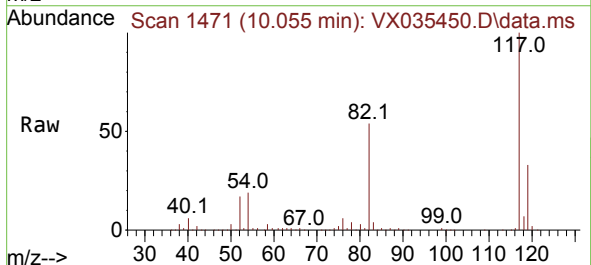
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

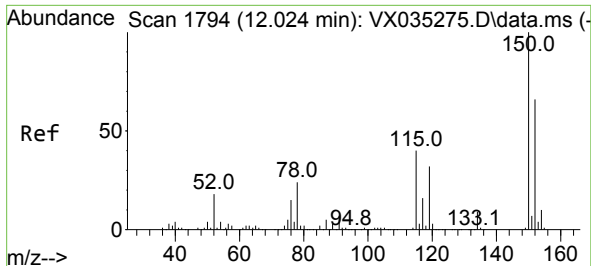
Tgt Ion: 95 Resp: 179931
Ion Ratio Lower Upper
95 100
174 79.8 0.0 147.4
176 78.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

Tgt Ion: 117 Resp: 367801
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 33.0 26.0 39.0

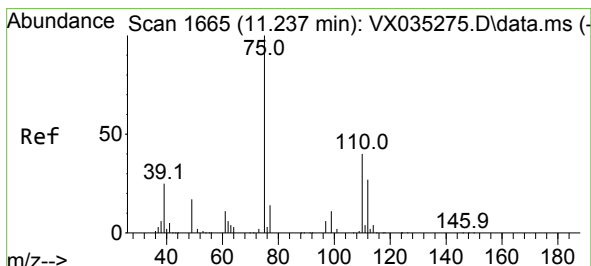
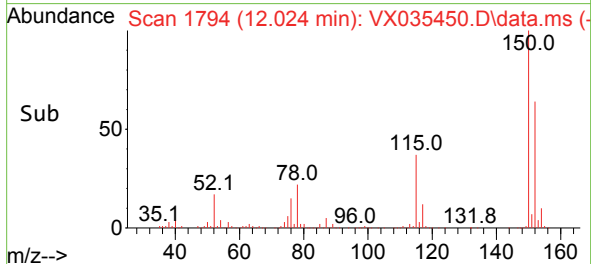
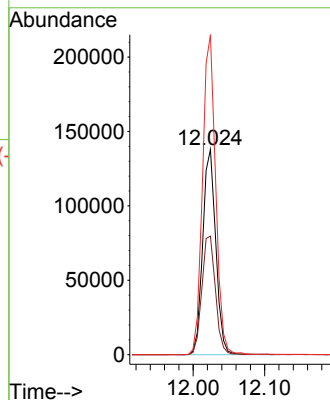
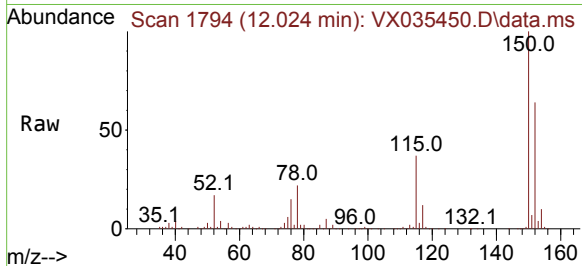




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035450.D
 Acq: 01 May 2023 19:01

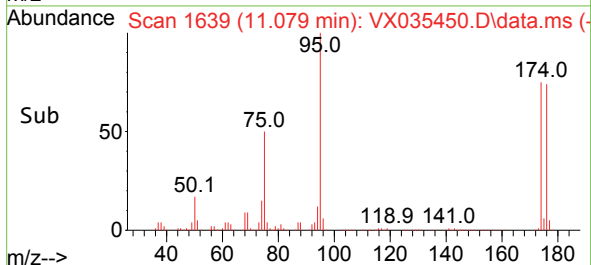
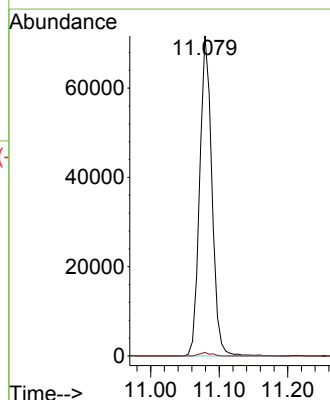
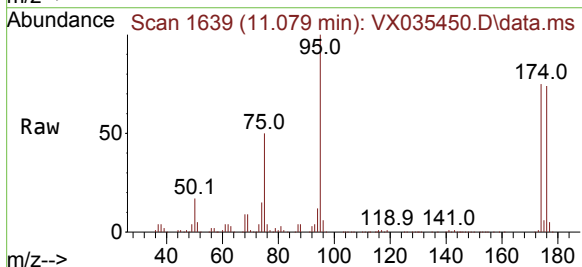
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-12S

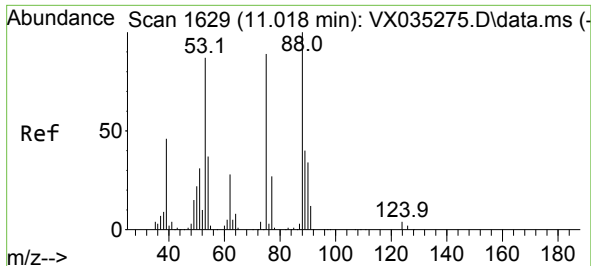
Tgt Ion:152 Resp: 175131
 Ion Ratio Lower Upper
 152 100
 115 60.0 45.0 135.0
 150 156.1 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.529 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035450.D
 Acq: 01 May 2023 19:01

Tgt Ion: 75 Resp: 89184
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#

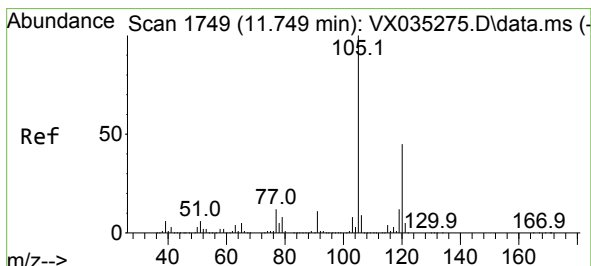
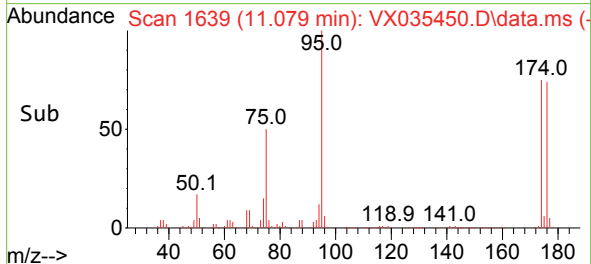
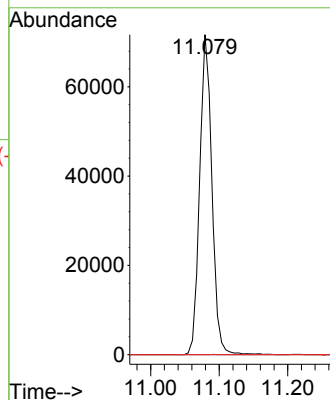
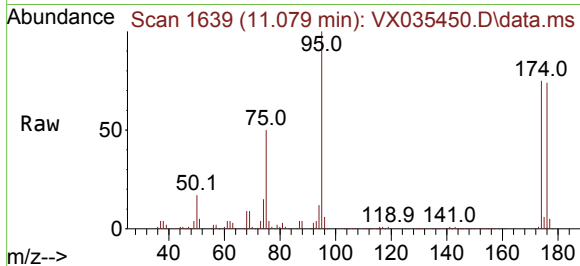




#81
trans-1,4-Dichloro-2-butene
Concen: 82.683 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

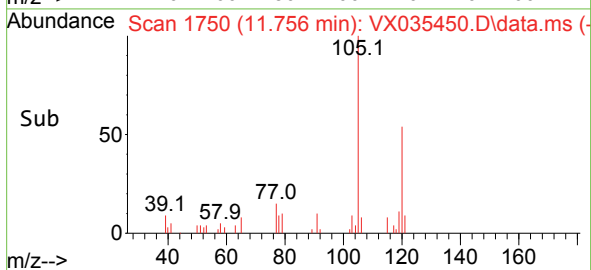
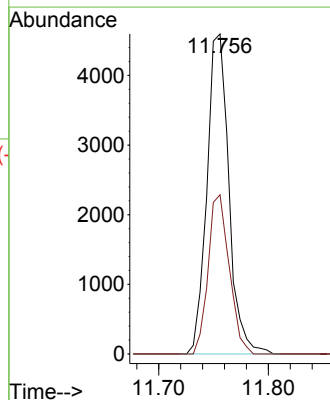
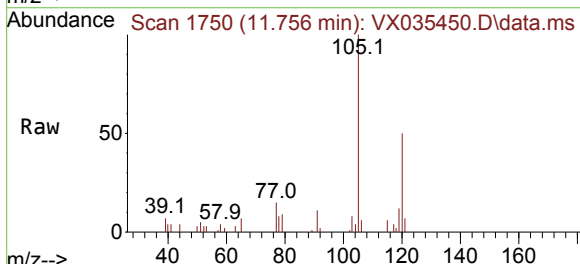
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

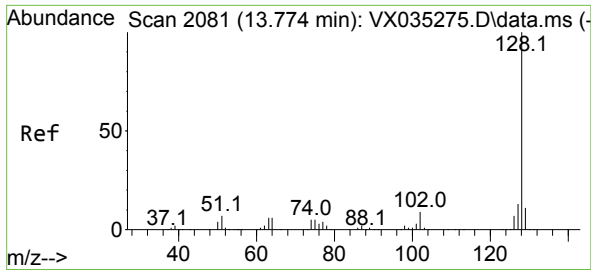
Tgt Ion: 75 Resp: 89184
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.590 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

Tgt Ion:105 Resp: 6402
Ion Ratio Lower Upper
105 100
120 47.8 22.4 67.0





#95
Naphthalene
Concen: 3.097 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035450.D
Acq: 01 May 2023 19:01

Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

Tgt Ion:128	Resp:	36246
Ion	Ratio	Lower Upper
128	100	
127	12.5	10.2 15.4
129	10.9	8.6 13.0

