

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036716.D
 Acq On : 31 Jul 2023 13:35
 Operator : JC/MD
 Sample : 03811-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-12S

Quant Time: Aug 01 04:36:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

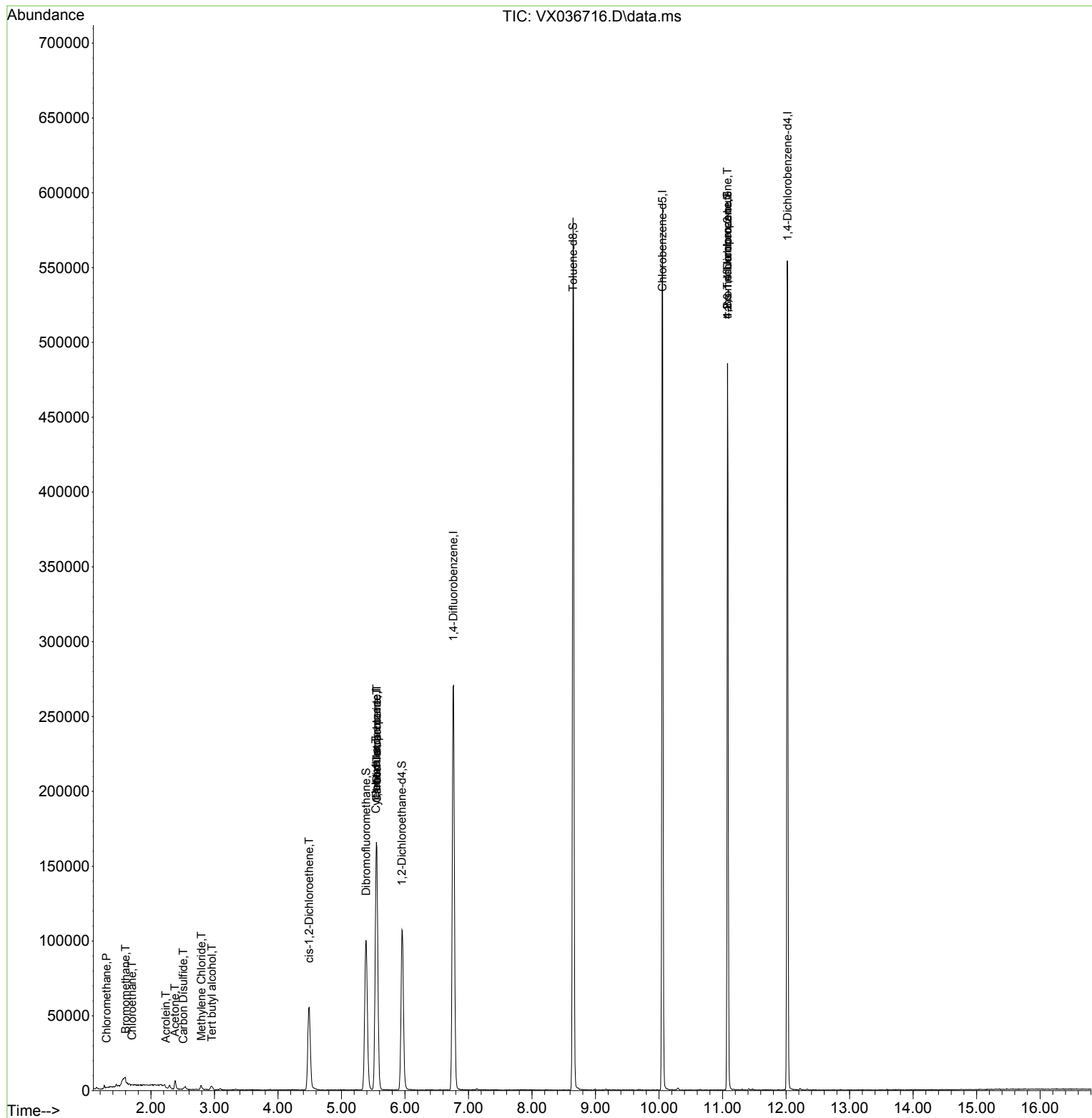
Internal Standards						
1) Pentafluorobenzene	5.550	168	156091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	282385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104652	45.312	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.620%
35) Dibromofluoromethane	5.385	113	88720	45.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.420%
50) Toluene-d8	8.647	98	336022	48.819	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.640%
62) 4-Bromofluorobenzene	11.079	95	126520	48.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.440%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	396	0.211	ug/l	98
5) Bromomethane	1.599	94	330	0.289	ug/l #	59
6) Chloroethane	1.703	64	221	0.238	ug/l #	43
11) Tert butyl alcohol	2.959	59	2666	4.876	ug/l #	91
13) Acrolein	2.233	56	235	0.753	ug/l #	50
16) Acetone	2.380	43	5970	6.229	ug/l	92
17) Carbon Disulfide	2.508	76	1066	0.221	ug/l	95
20) Methylene Chloride	2.794	84	1498	0.703	ug/l #	87
27) cis-1,2-Dichloroethene	4.489	96	37640	16.223	ug/l	82
31) Cyclohexane	5.544	56	3721	1.164	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	12774	4.415	ug/l #	51
38) Carbon Tetrachloride	5.556	117	16151	5.251	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	64947	24.218	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	64947	54.891	ug/l #	5

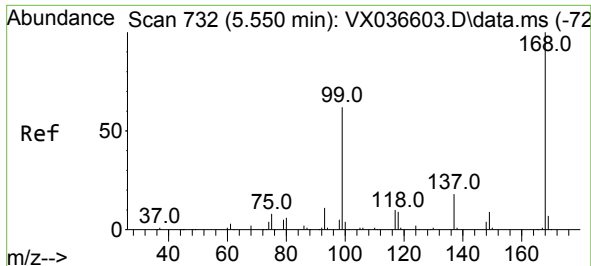
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

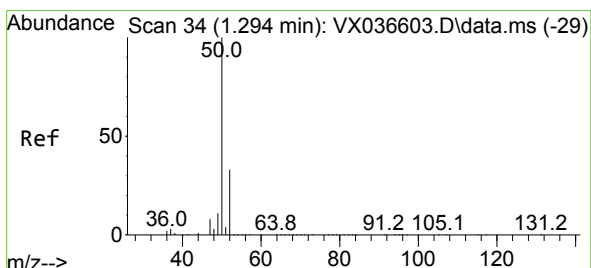
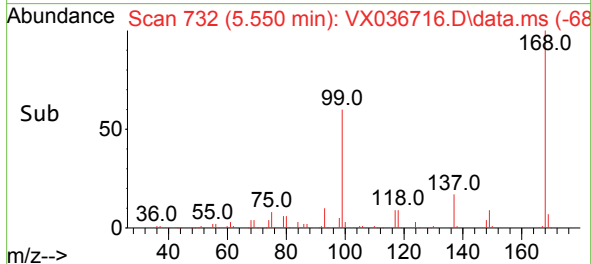
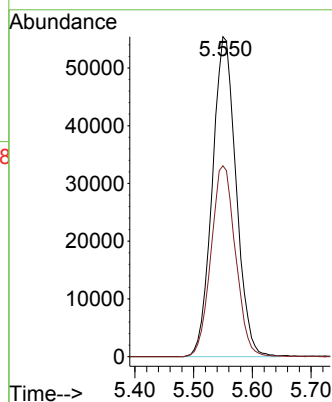
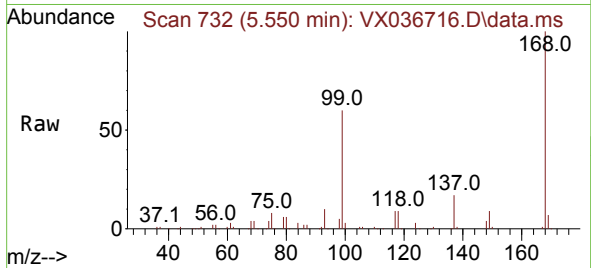




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

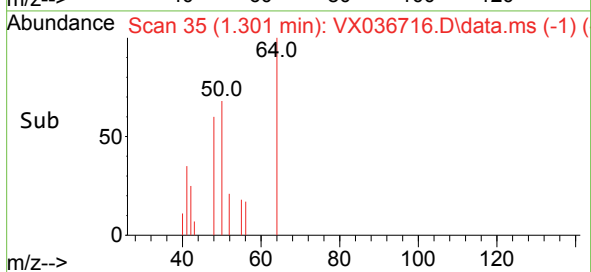
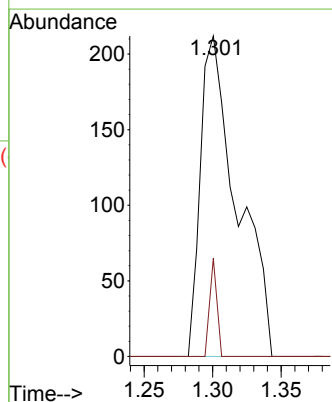
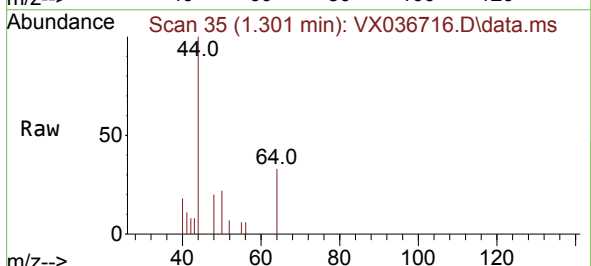
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

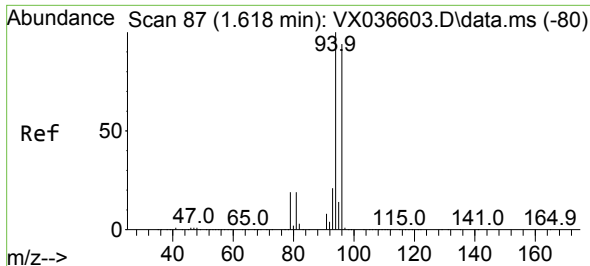
Tgt Ion:168 Resp: 156091
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

Tgt Ion: 50 Resp: 396
Ion Ratio Lower Upper
50 100
52 30.7 25.5 38.3

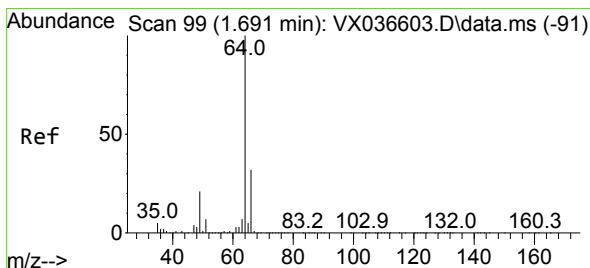
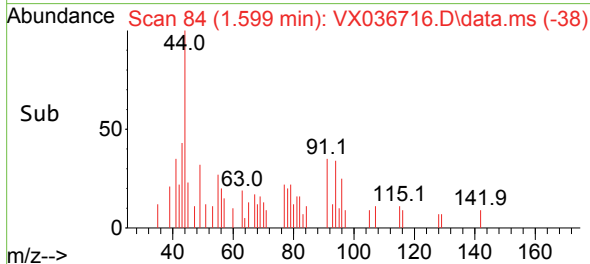
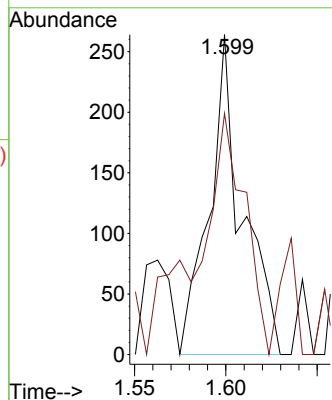
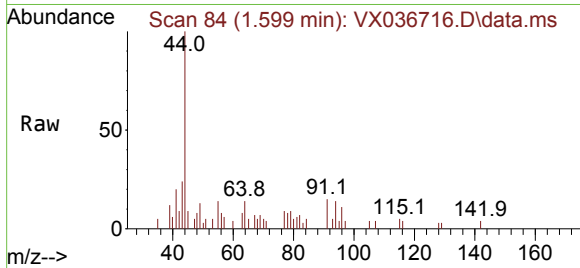




#5
Bromomethane
Concen: 0.289 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

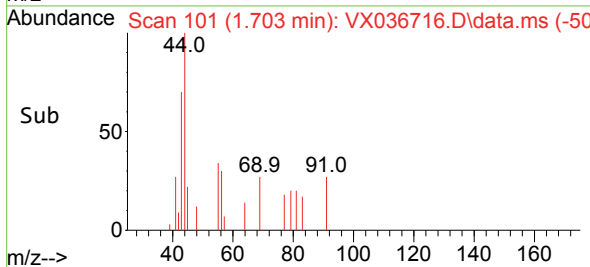
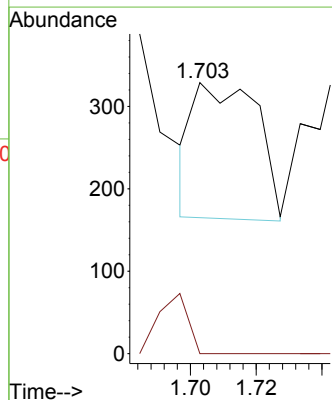
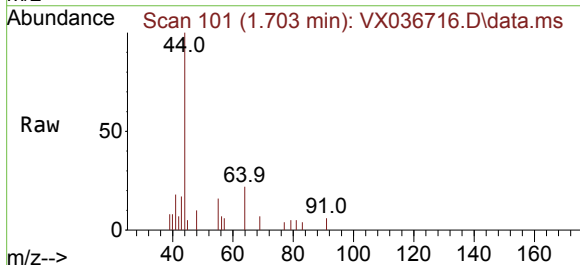
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

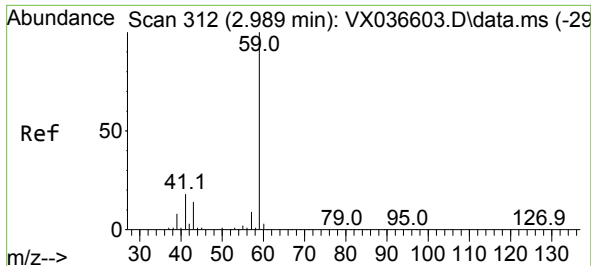
Tgt Ion: 94 Resp: 330
Ion Ratio Lower Upper
94 100
96 53.4 74.6 111.8#



#6
Chloroethane
Concen: 0.238 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.012 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

Tgt Ion: 64 Resp: 221
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

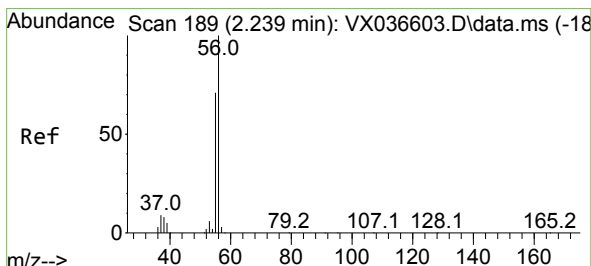
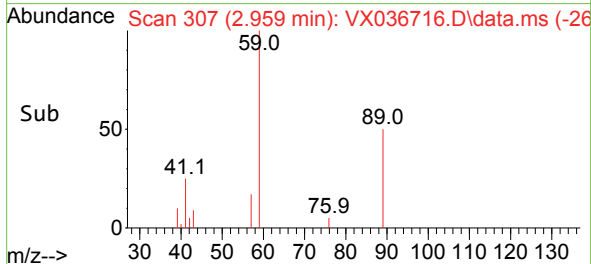
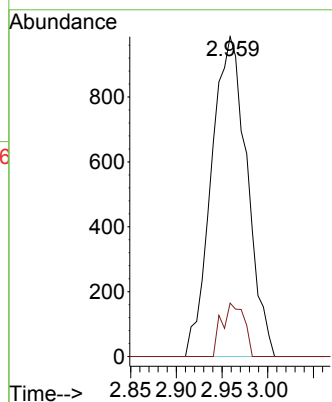
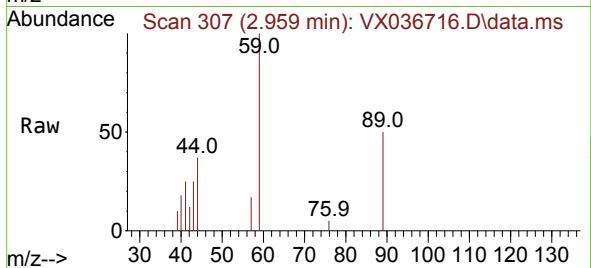




#11
Tert butyl alcohol
Concen: 4.876 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

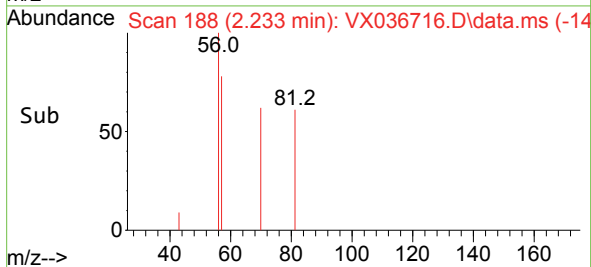
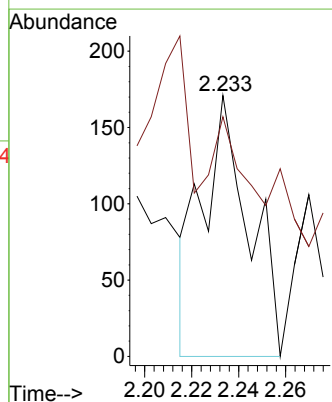
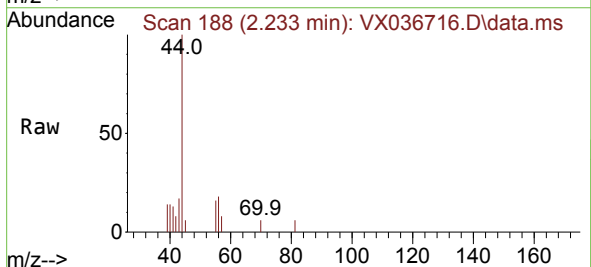
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

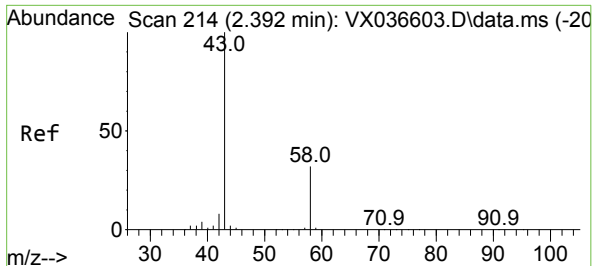
Tgt Ion: 59 Resp: 2666
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0#



#13
Acrolein
Concen: 0.753 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

Tgt Ion: 56 Resp: 235
Ion Ratio Lower Upper
56 100
55 29.8 57.1 85.7#

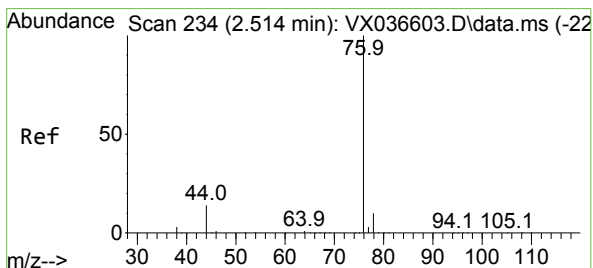
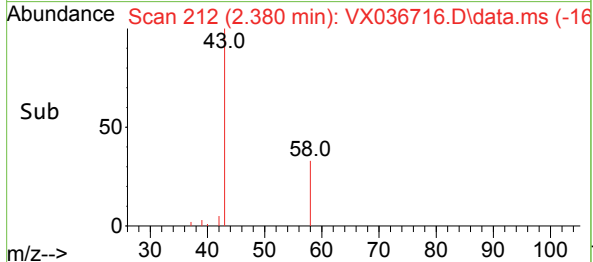
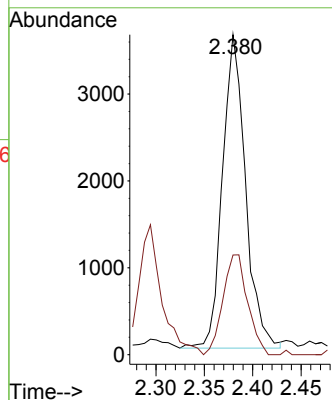
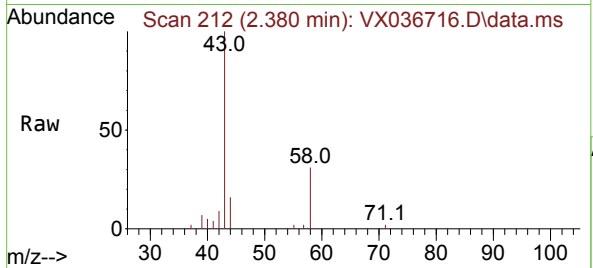




#16
Acetone
Concen: 6.229 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

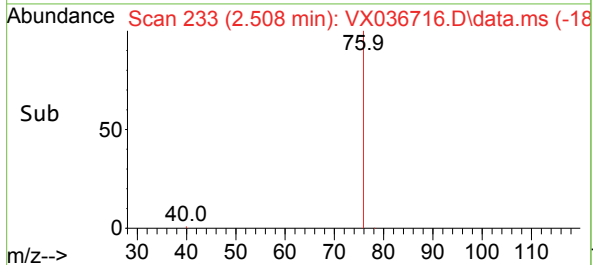
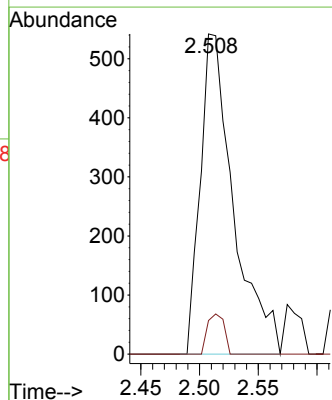
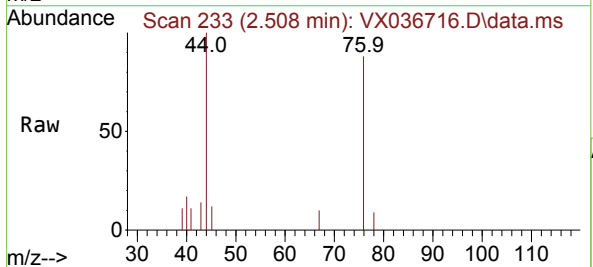
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

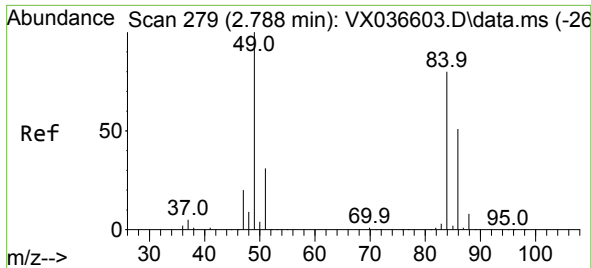
Tgt Ion: 43 Resp: 5970
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

Tgt Ion: 76 Resp: 1066
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.6

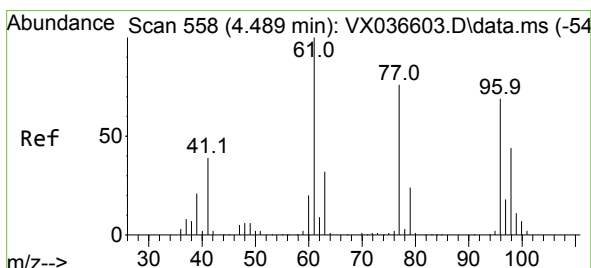
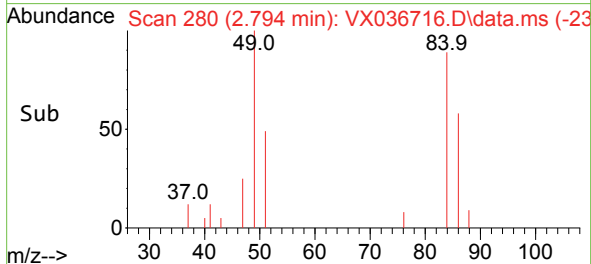
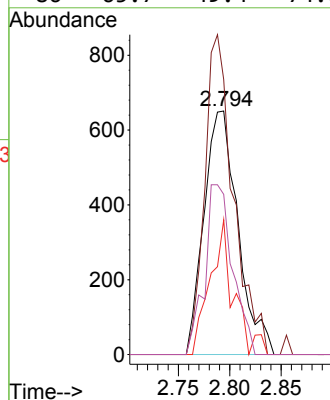
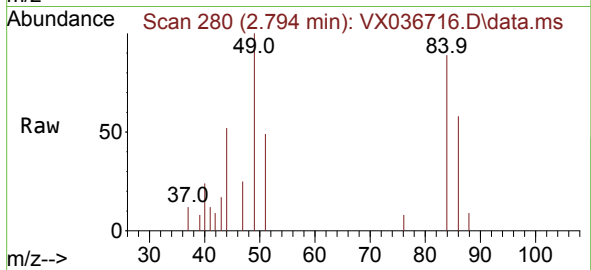




#20
Methylene Chloride
Concen: 0.703 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

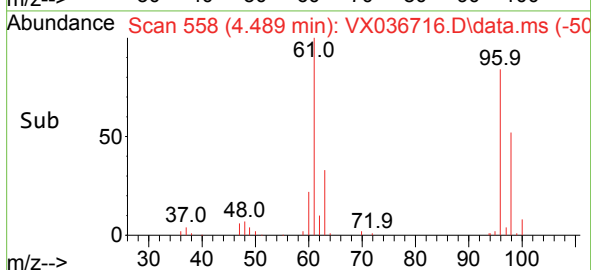
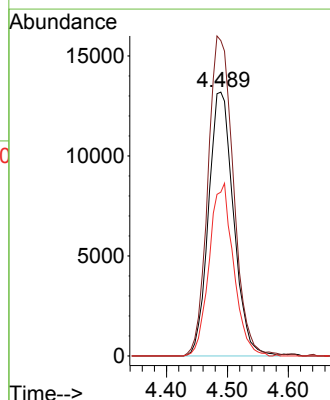
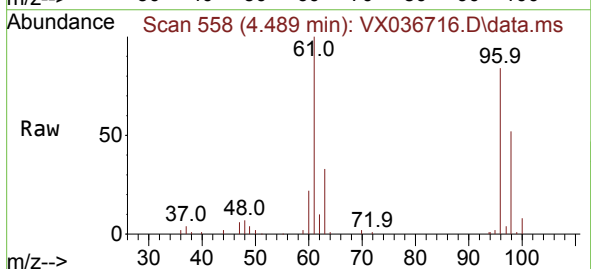
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

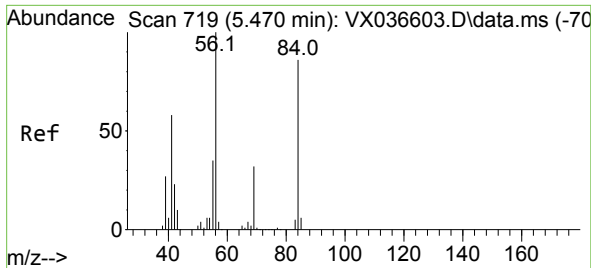
Tgt Ion:	84	Resp:	1498
Ion	Ratio	Lower	Upper
84	100		
49	112.9	103.6	155.4
51	55.3	33.8	50.6#
86	65.7	49.4	74.0



#27
cis-1,2-Dichloroethene
Concen: 16.223 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

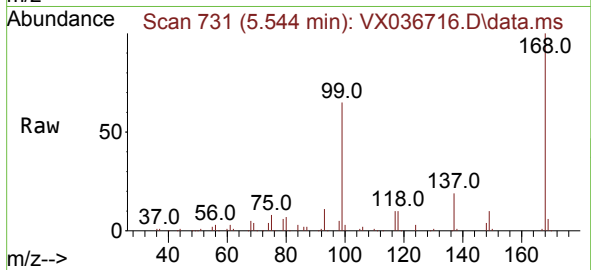
Tgt Ion:	96	Resp:	37640
Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	312.2
98	63.5	0.0	129.0



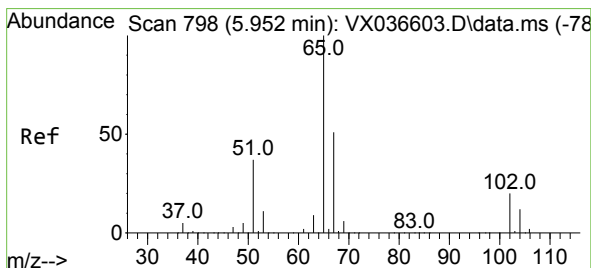
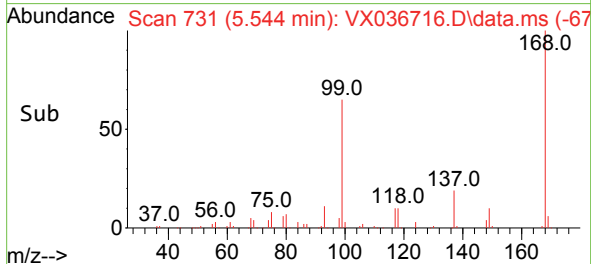
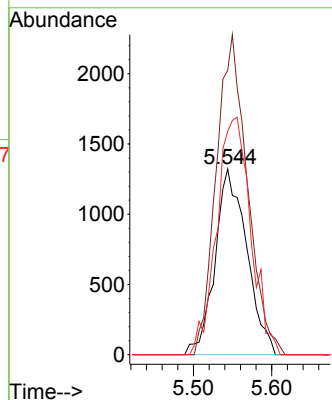


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
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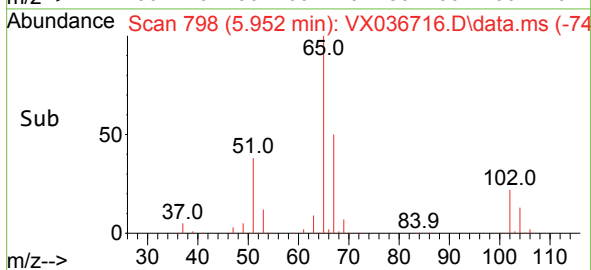
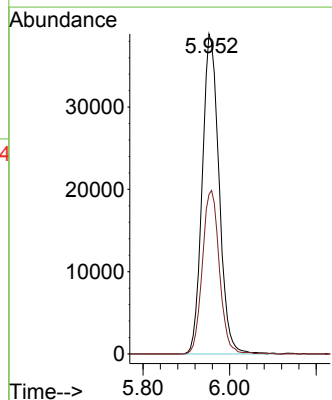
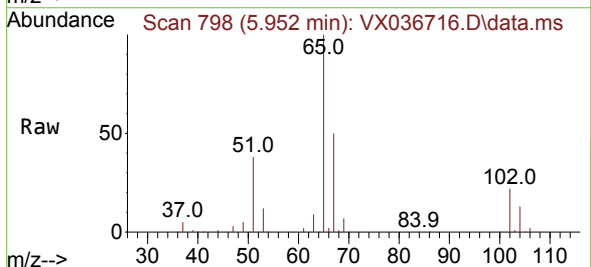


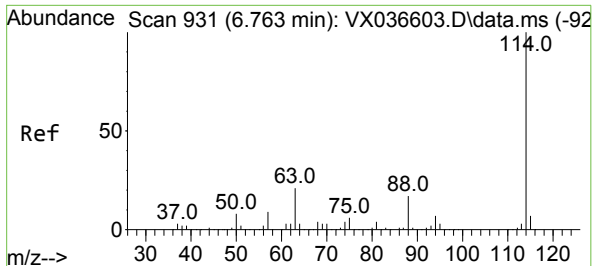
Tgt Ion: 56 Resp: 3721
Ion Ratio Lower Upper
56 100
69 153.2 23.4 35.2#
84 120.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.312 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

Tgt Ion: 65 Resp: 104652
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

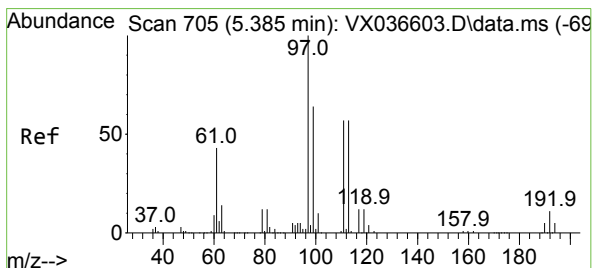
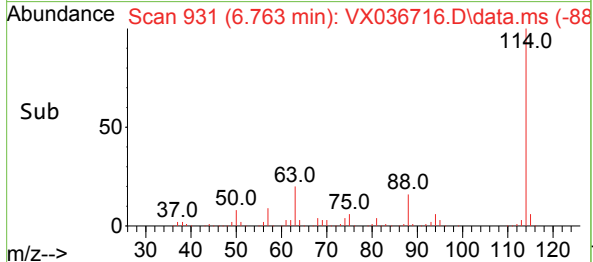
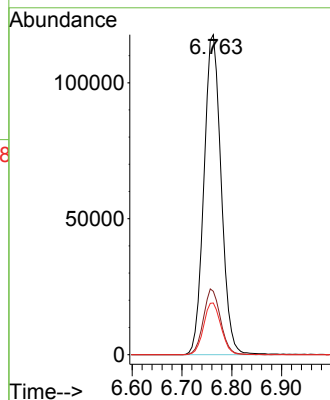
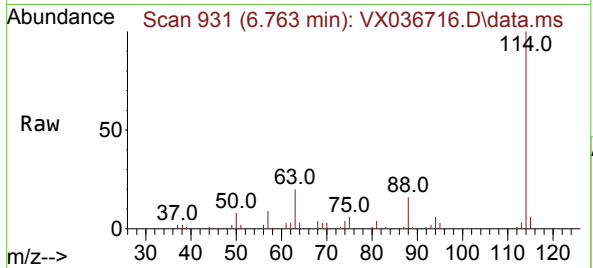




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

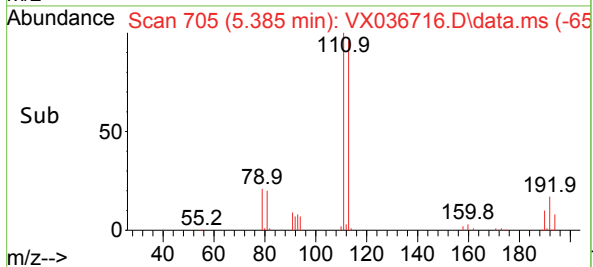
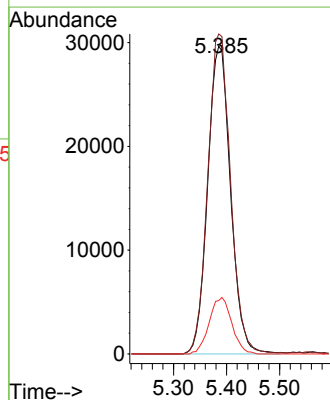
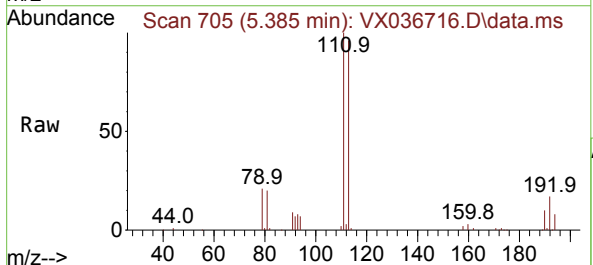
Instrument :
MSVOA_X
ClientSampleId :
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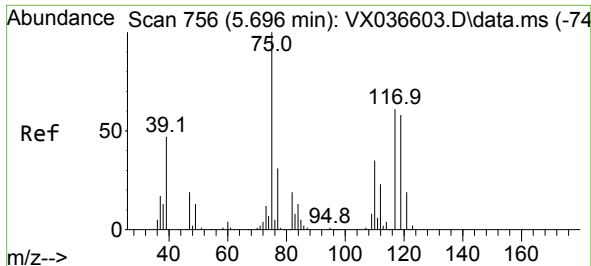
Tgt Ion:114 Resp: 282385
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.709 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

Tgt Ion:113 Resp: 88720
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.2 13.3 19.9

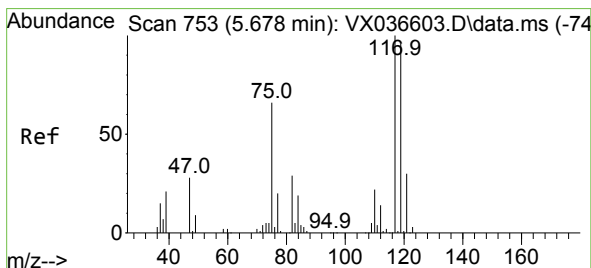
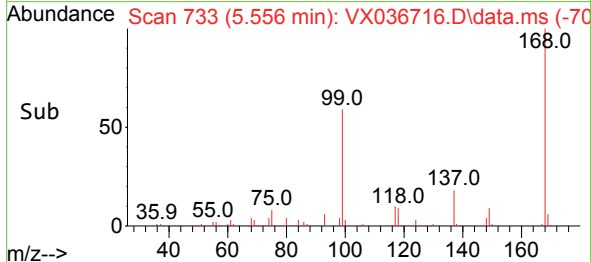
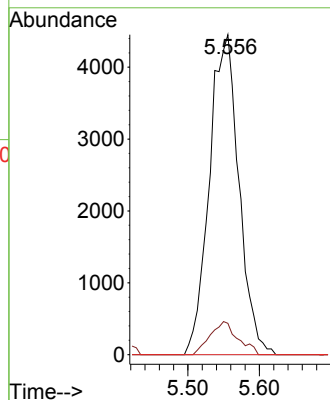
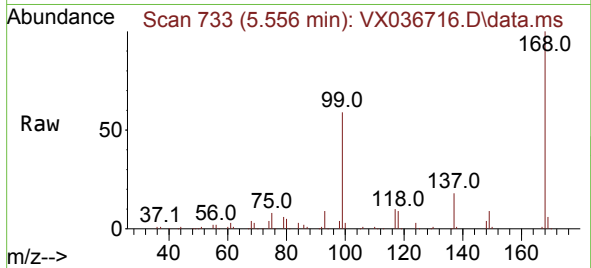




#36
 1,1-Dichloropropene
 Concen: 4.415 ug/l
 RT: 5.556 min Scan# 713
 Delta R.T. -0.140 min
 Lab File: VX036716.D
 Acq: 31 Jul 2023 13:35

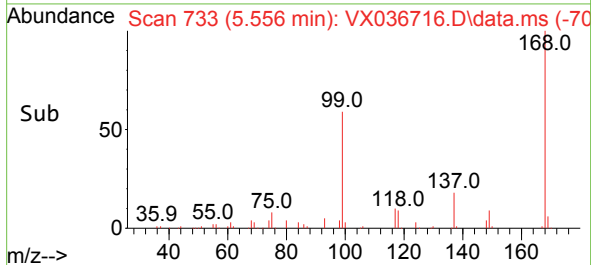
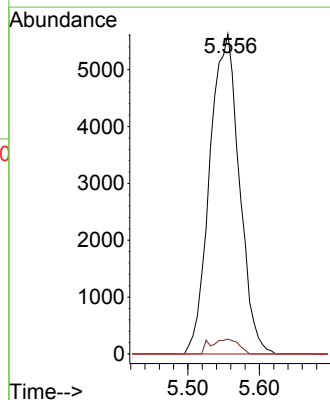
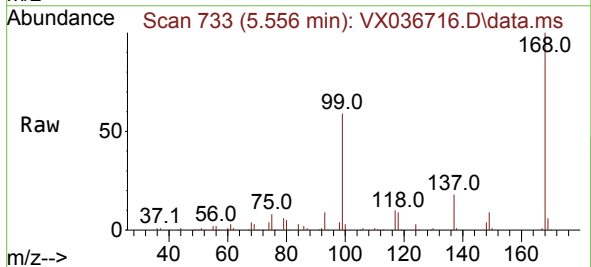
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-12S

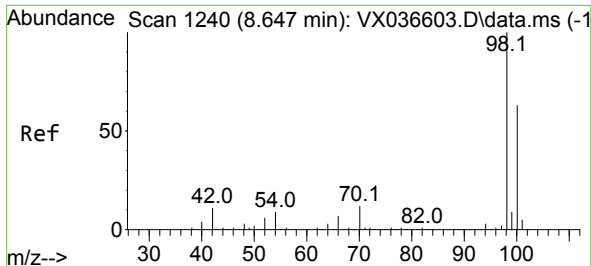
Tgt Ion: 75 Resp: 12774
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.251 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX036716.D
 Acq: 31 Jul 2023 13:35

Tgt Ion: 117 Resp: 16151
 Ion Ratio Lower Upper
 117 100
 119 4.6 78.2 117.2#
 121 0.0 24.4 36.6#

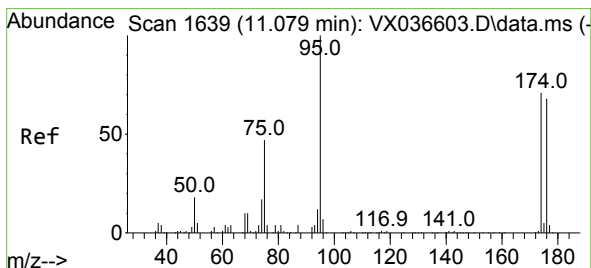
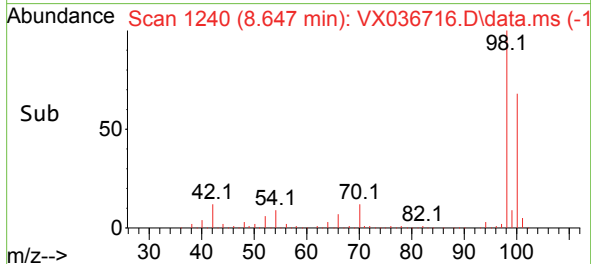
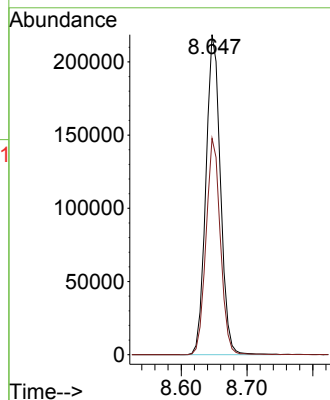
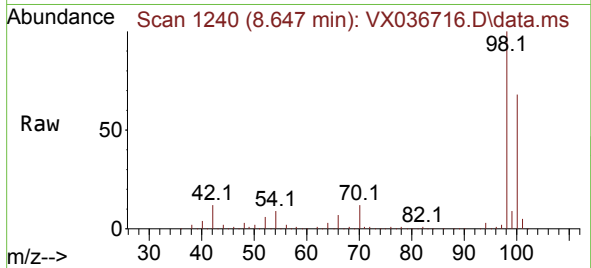




#50
Toluene-d8
Concen: 48.819 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

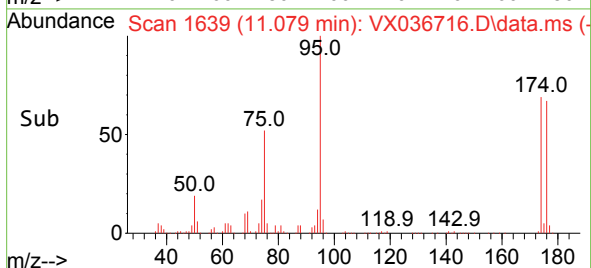
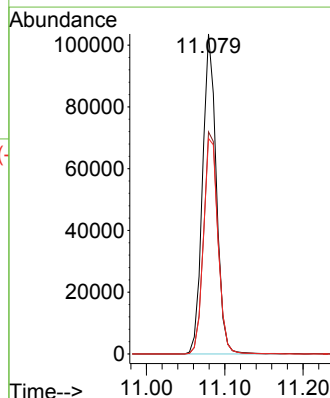
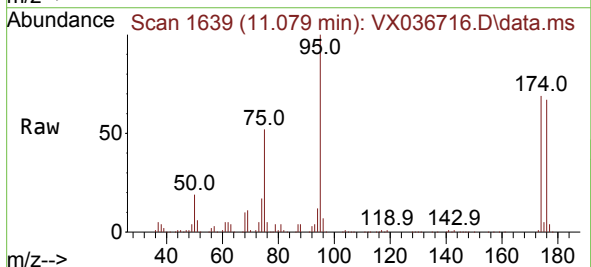
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

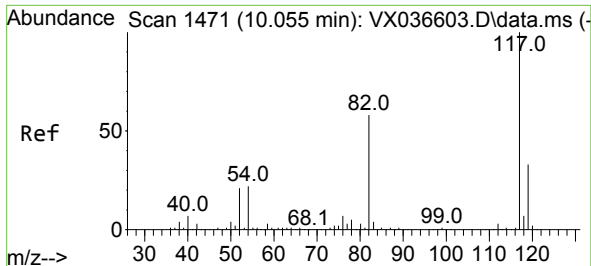
Tgt Ion: 98 Resp: 336022
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

Tgt Ion: 95 Resp: 126520
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 71.2 0.0 131.0

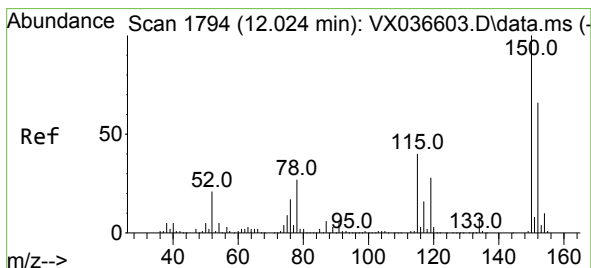
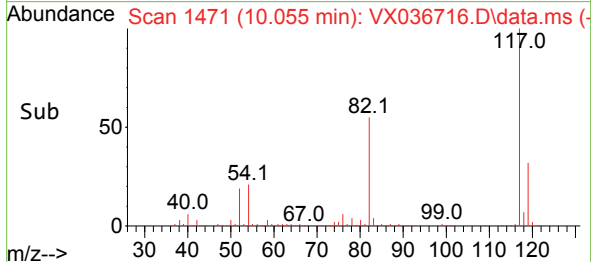
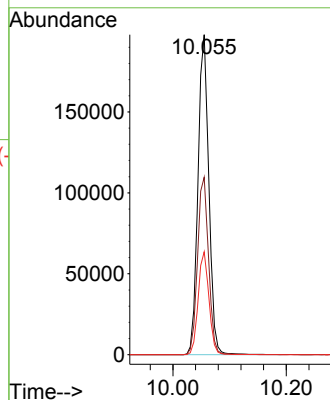
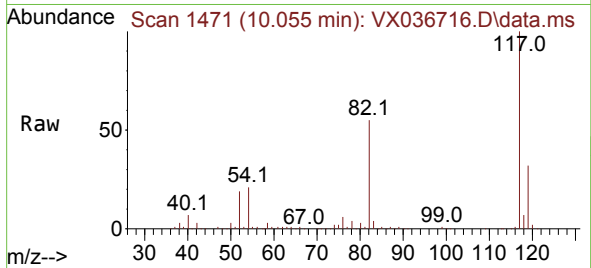




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

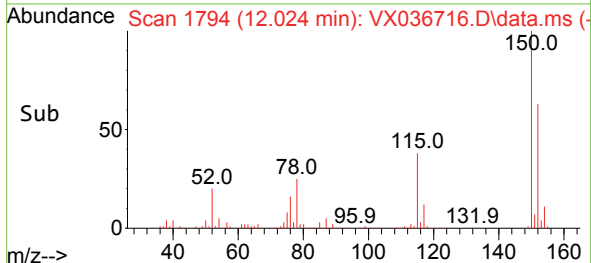
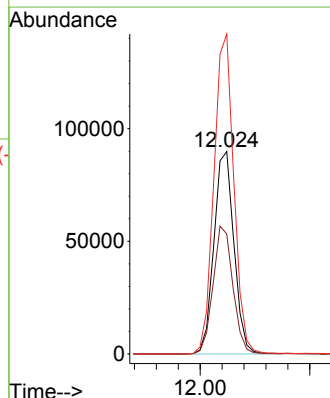
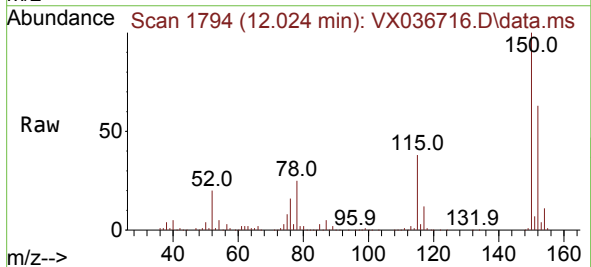
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

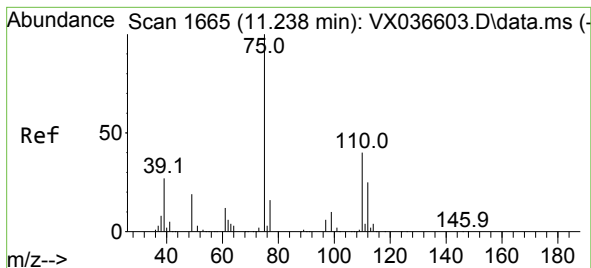
Tgt Ion:117 Resp: 261961
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036716.D
Acq: 31 Jul 2023 13:35

Tgt Ion:152 Resp: 114017
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 157.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.218 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036716.D

Acq: 31 Jul 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

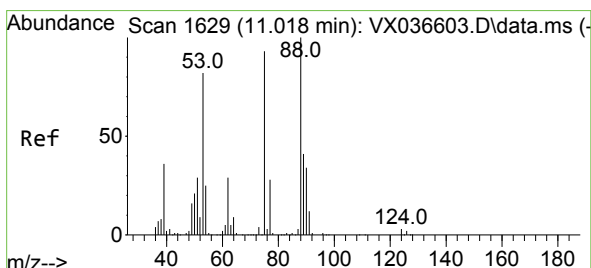
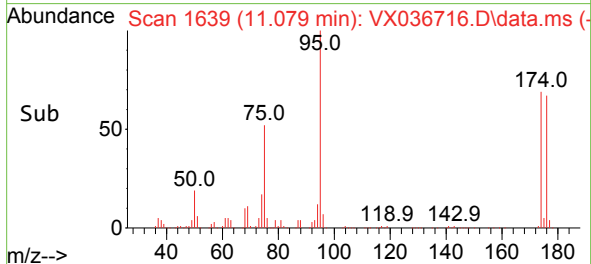
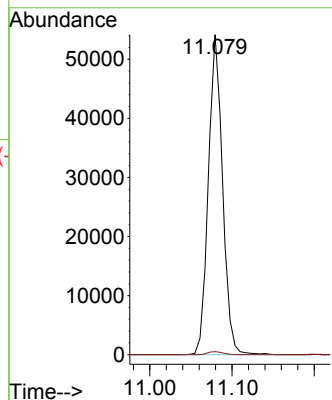
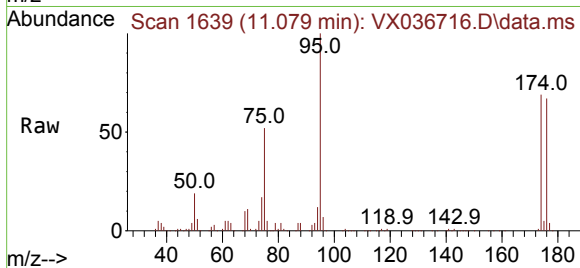
LEA-12S

Tgt Ion: 75 Resp: 64947

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.891 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036716.D

Acq: 31 Jul 2023 13:35

Tgt Ion: 75 Resp: 64947

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

