

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036661.D
 Acq On : 25 Jul 2023 18:24
 Operator : JC/MD
 Sample : 03750-13 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-7I

Quant Time: Jul 26 06:28:40 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)

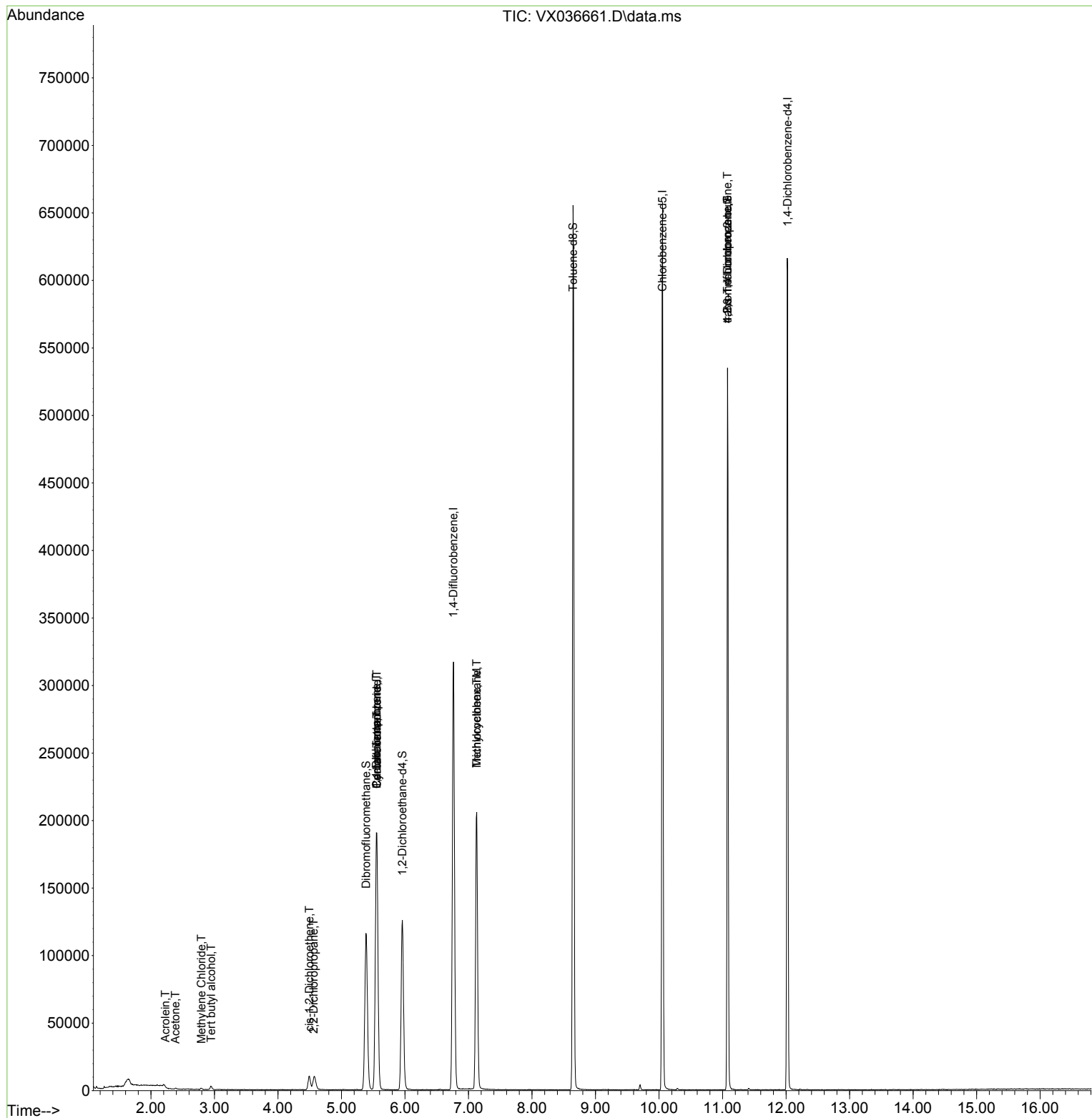
Internal Standards						
1) Pentafluorobenzene	5.556	168	178351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	321238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119153	45.151	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.300%		
35) Dibromofluoromethane	5.385	113	101499	45.969	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.940%		
50) Toluene-d8	8.647	98	384031	49.045	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.100%		
62) 4-Bromofluorobenzene	11.079	95	142730	48.315	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.620%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1495	2.393	ug/l #	83
13) Acrolein	2.227	56	82	0.230	ug/l #	14
16) Acetone	2.386	43	831	0.759	ug/l	93
20) Methylene Chloride	2.794	84	595	0.244	ug/l #	76
26) 2,2-Dichloropropane	4.562	77	929	0.236	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	6736	2.541	ug/l	81
31) Cyclohexane	5.556	56	4186	1.146	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14981	4.552	ug/l #	50
38) Carbon Tetrachloride	5.556	117	18683	5.340	ug/l #	15
39) Methylcyclohexane	7.129	83	1081	0.264	ug/l #	1
44) Trichloroethene	7.129	130	79668	31.831	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	74743	24.425	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	74743	55.361	ug/l #	5

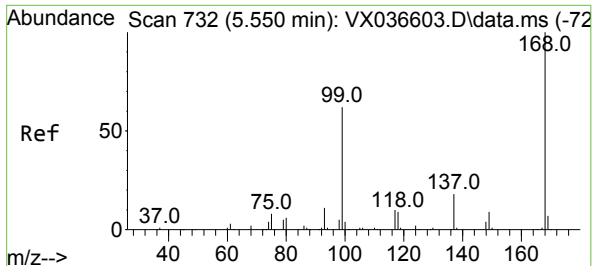
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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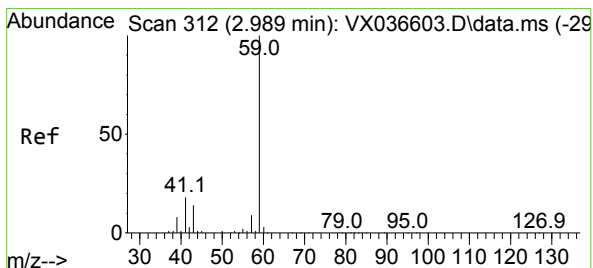
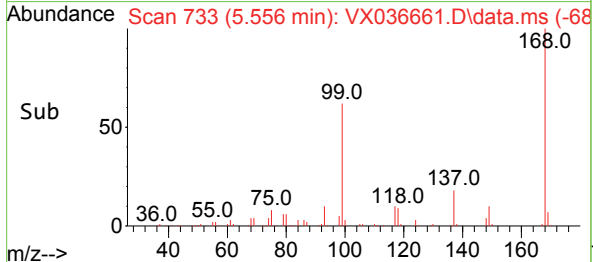
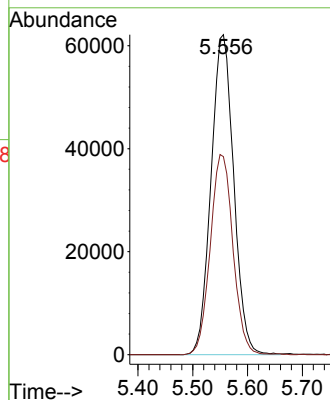
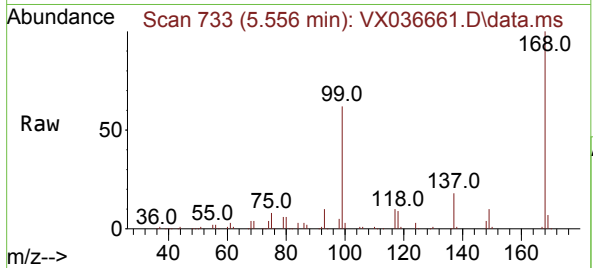




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

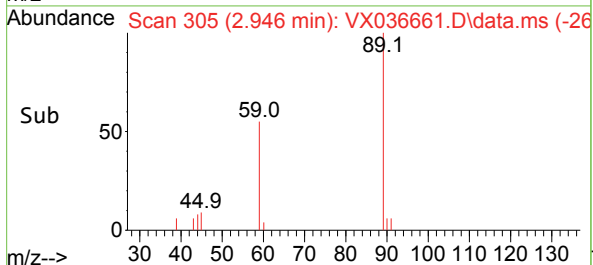
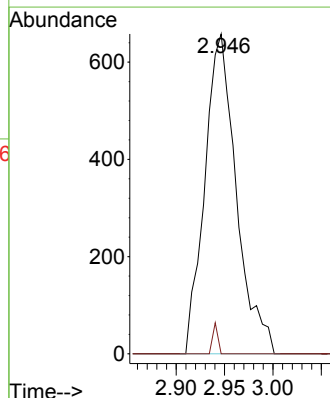
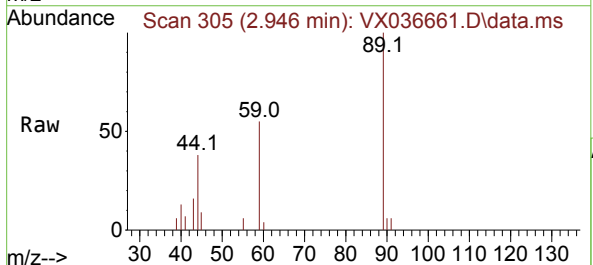
Instrument :
MSVOA_X
ClientSampleId :
LEA-7I

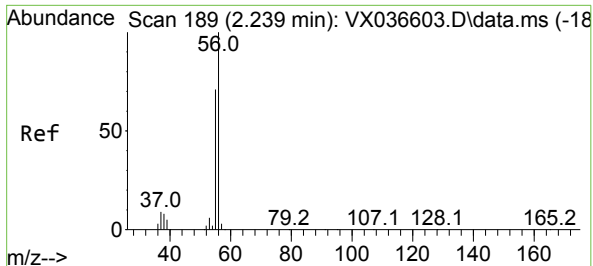
Tgt Ion:168 Resp: 178351
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.393 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

Tgt Ion: 59 Resp: 1495
Ion Ratio Lower Upper
59 100
57 1.5 6.0 9.0#

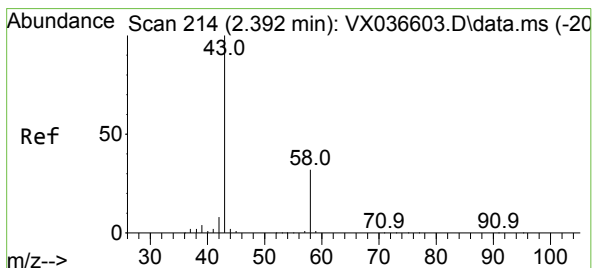
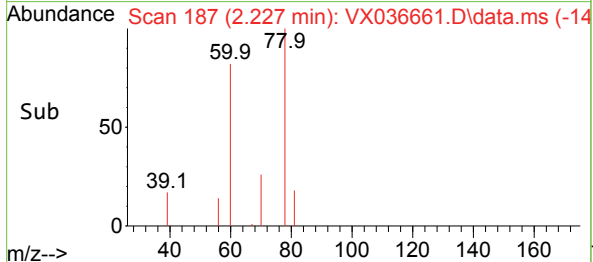
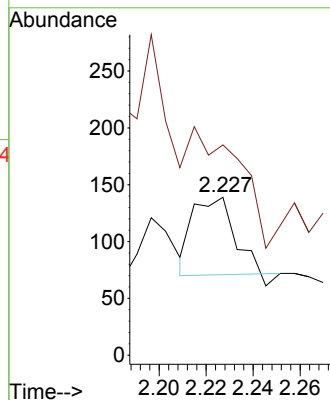
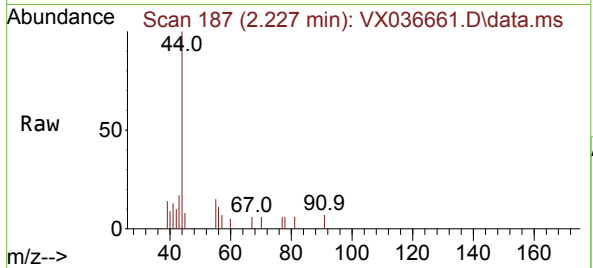




#13
Acrolein
Concen: 0.230 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

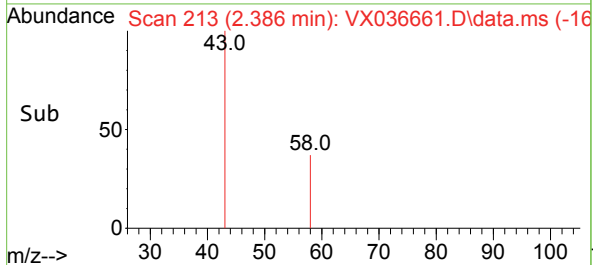
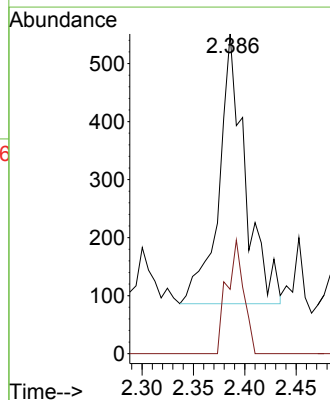
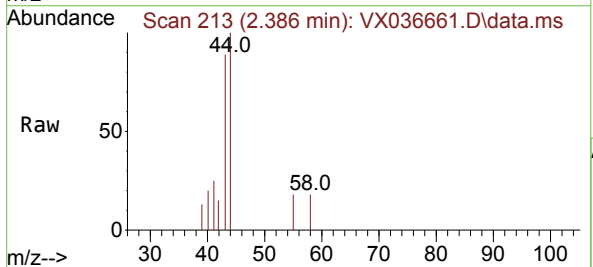
Instrument :
MSVOA_X
ClientSampleId :
LEA-7I

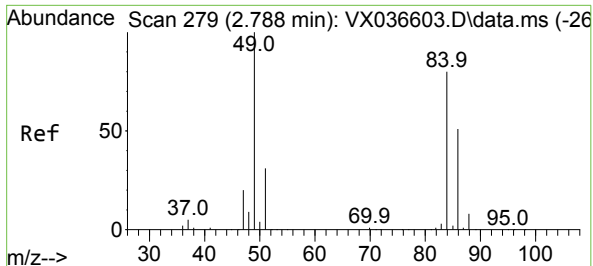
Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 0.759 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
58 23.9 21.9 32.9

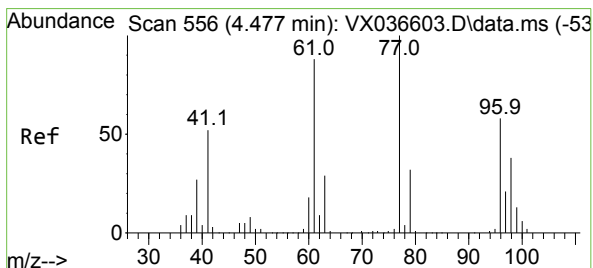
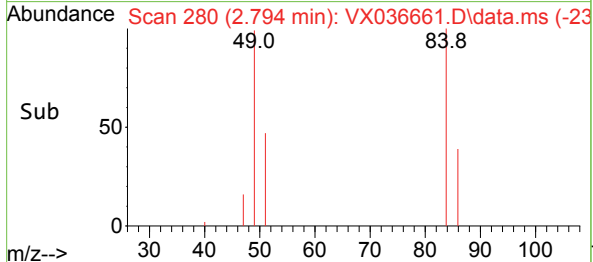
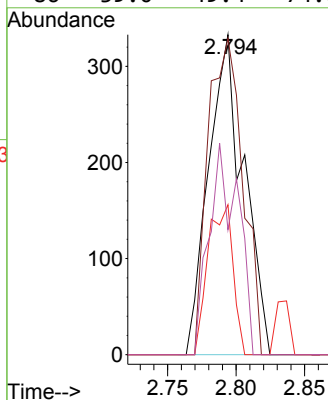
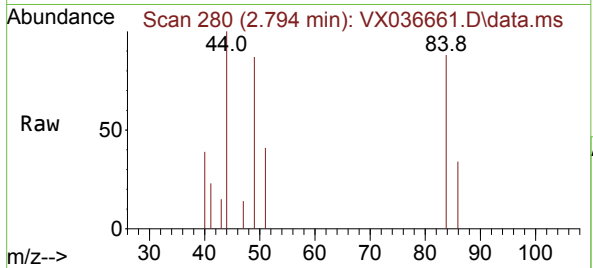




#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

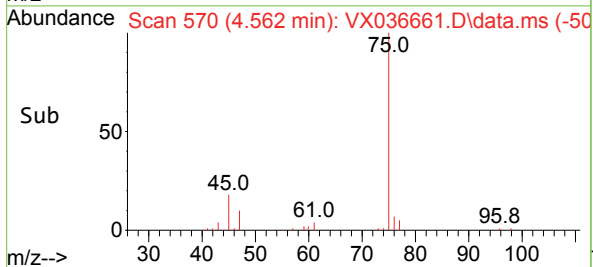
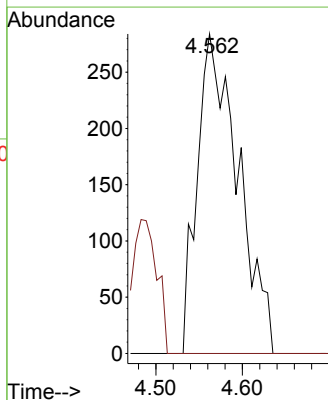
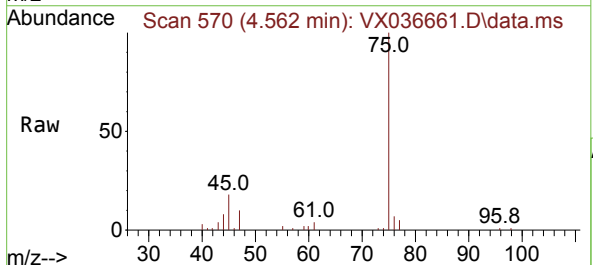
Instrument :
MSVOA_X
ClientSampleId :
LEA-7I

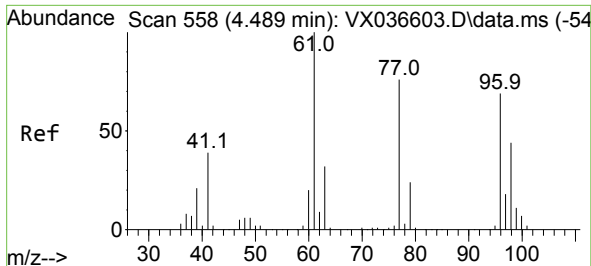
Tgt Ion: 84 Resp: 595
Ion Ratio Lower Upper
84 100
49 98.8 103.6 155.4#
51 46.8 33.8 50.6
86 39.0 49.4 74.0#



#26
2,2-Dichloropropane
Concen: 0.236 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.085 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

Tgt Ion: 77 Resp: 929
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

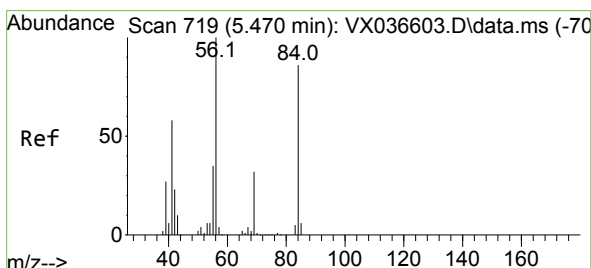
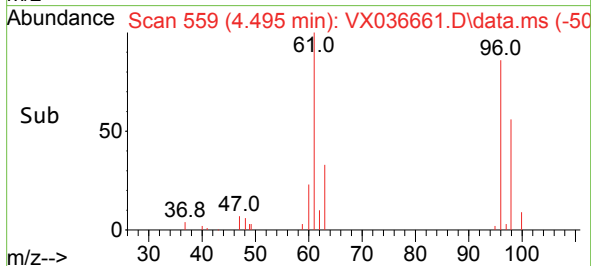
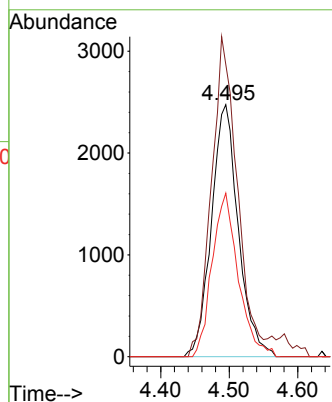
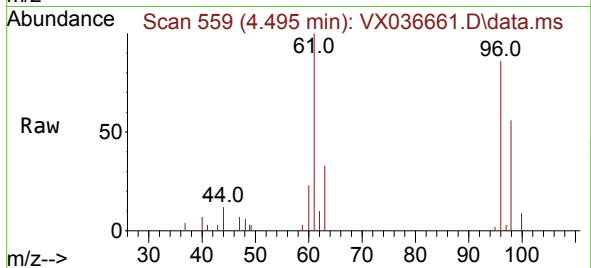




#27
 cis-1,2-Dichloroethene
 Concen: 2.541 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX036661.D
 Acq: 25 Jul 2023 18:24

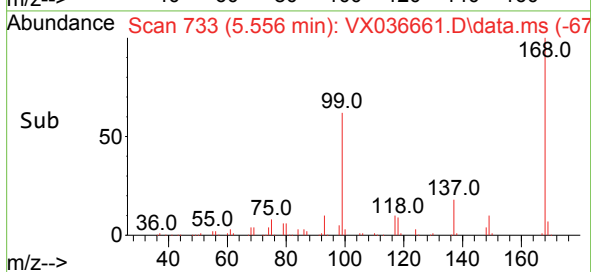
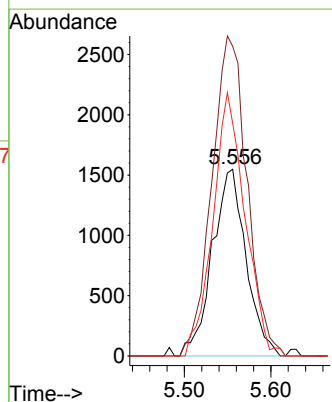
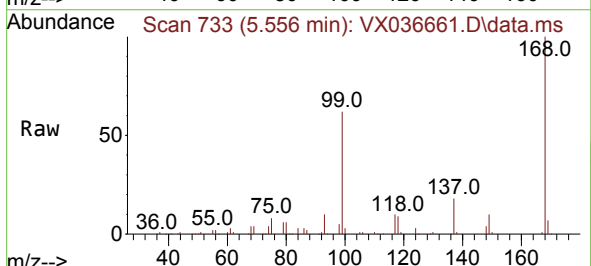
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-7I

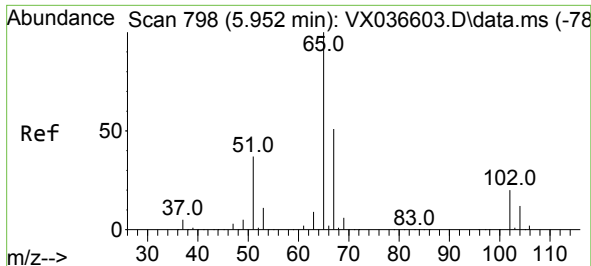
Tgt Ion: 96 Resp: 6736
 Ion Ratio Lower Upper
 96 100
 61 122.6 0.0 312.2
 98 63.2 0.0 129.0



#31
 Cyclohexane
 Concen: 1.146 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.085 min
 Lab File: VX036661.D
 Acq: 25 Jul 2023 18:24

Tgt Ion: 56 Resp: 4186
 Ion Ratio Lower Upper
 56 100
 69 165.9 23.4 35.2#
 84 124.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.151 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036661.D

Acq: 25 Jul 2023 18:24

Instrument :

MSVOA_X

ClientSampleId :

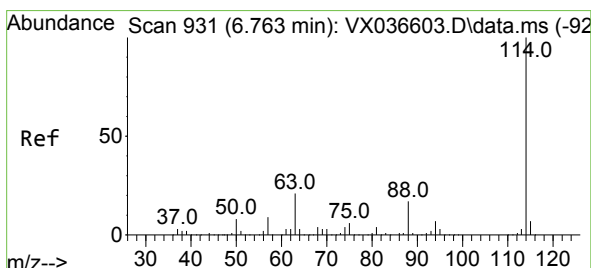
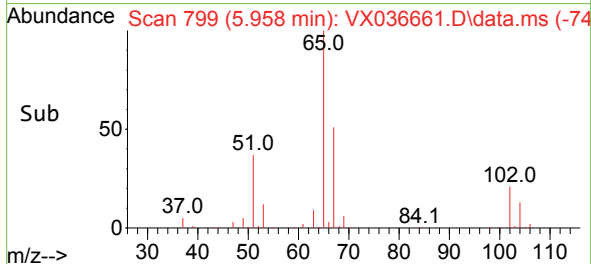
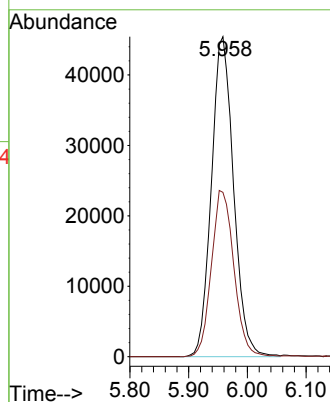
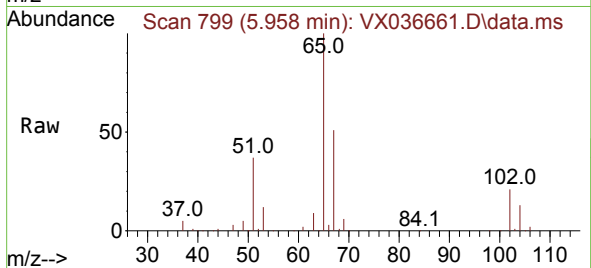
LEA-7I

Tgt Ion: 65 Resp: 119153

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036661.D

Acq: 25 Jul 2023 18:24

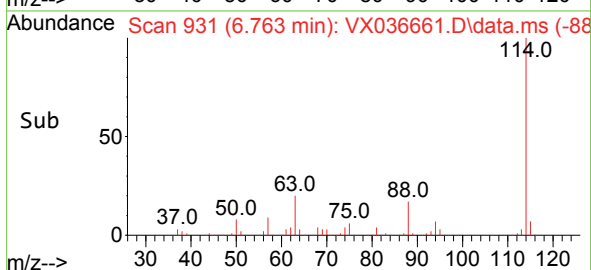
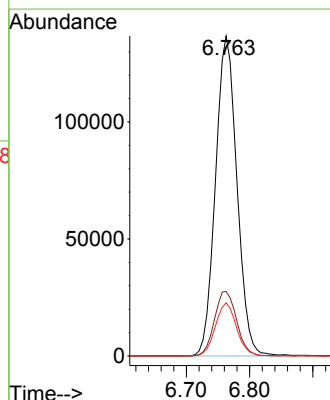
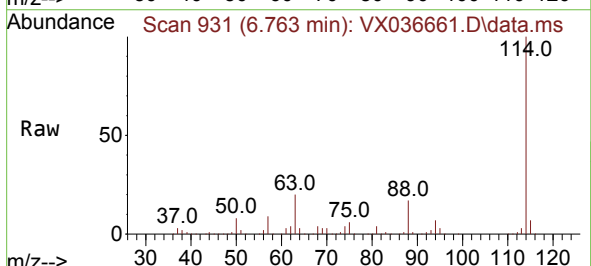
Tgt Ion: 114 Resp: 321238

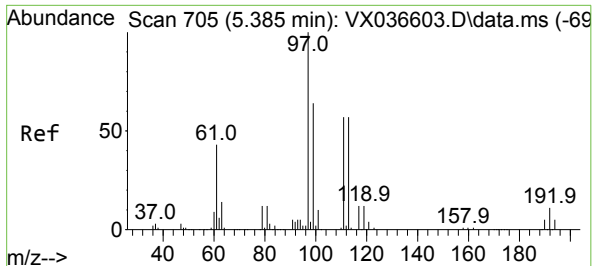
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 16.7 0.0 36.6

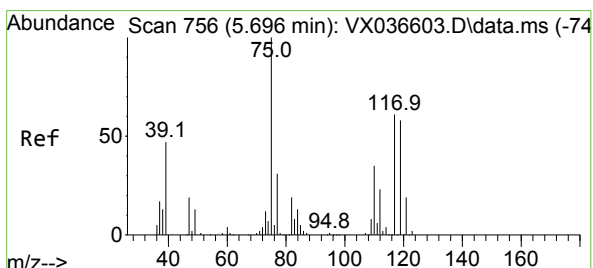
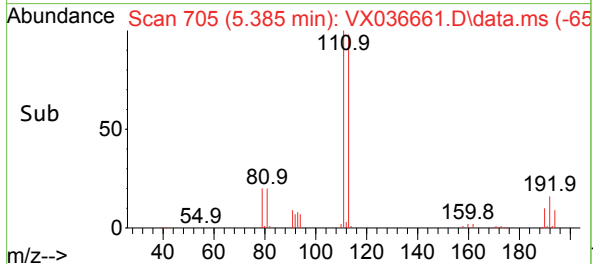
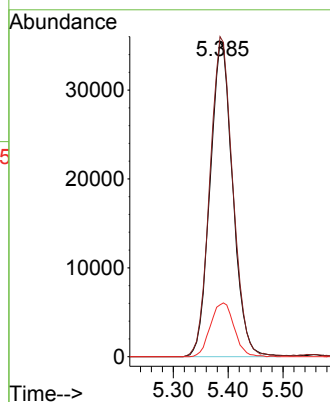
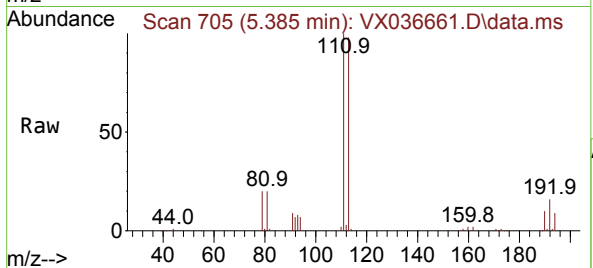




#35
Dibromofluoromethane
Concen: 45.969 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

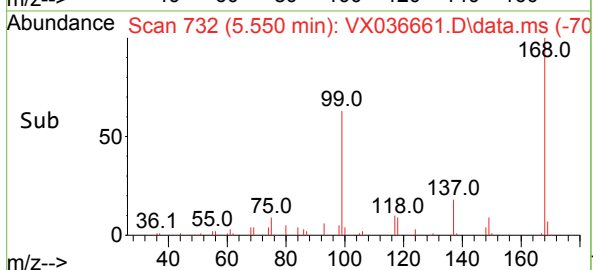
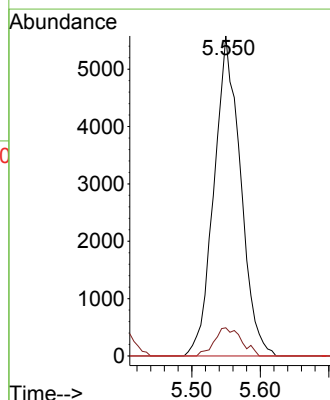
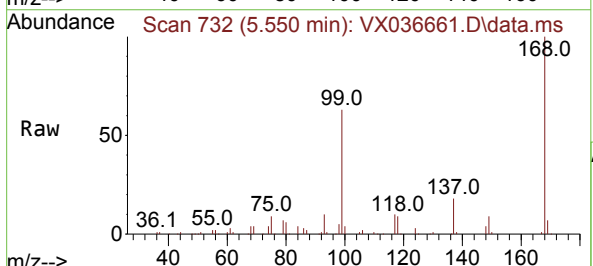
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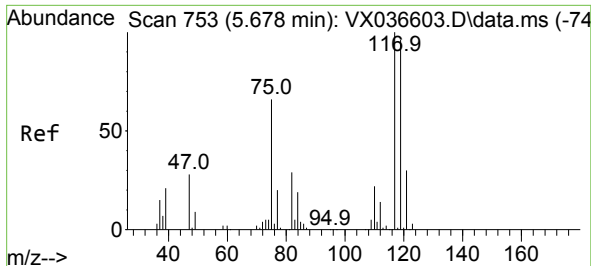
Tgt Ion:113 Resp: 101499
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.552 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

Tgt Ion: 75 Resp: 14981
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#

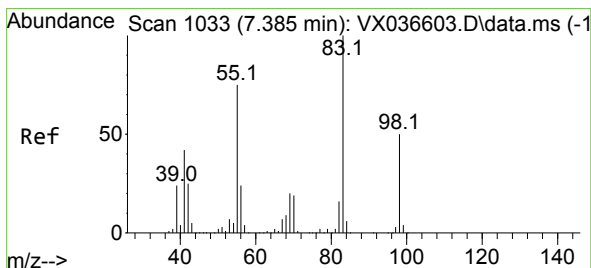
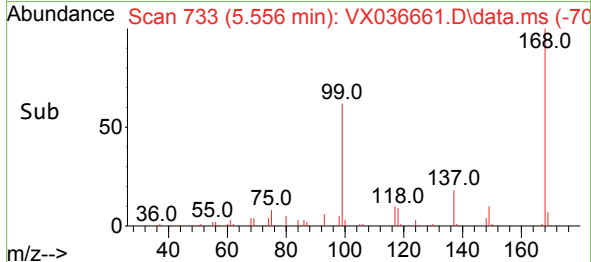
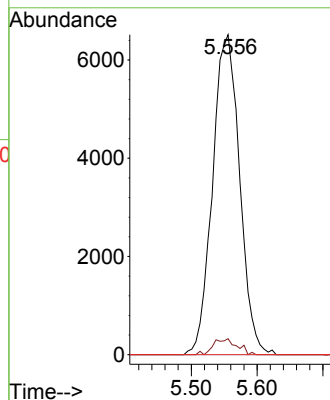
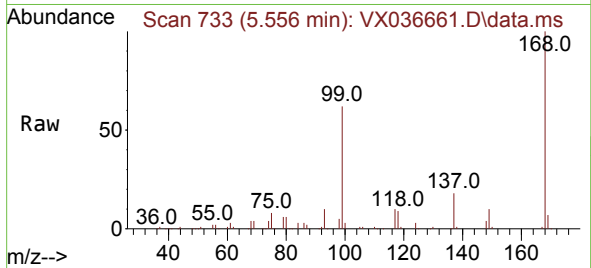




#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

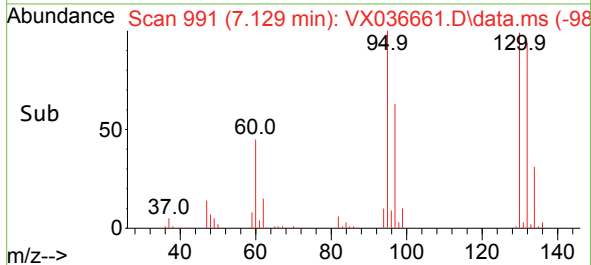
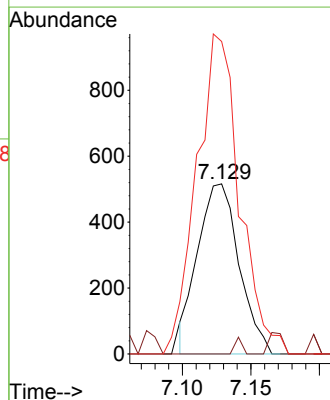
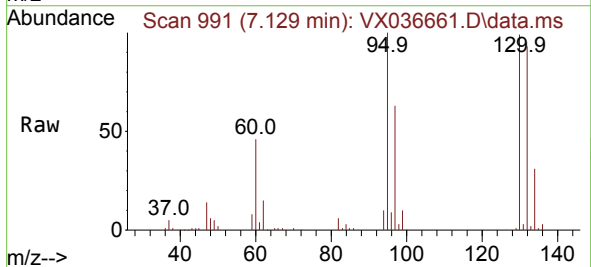
Instrument :
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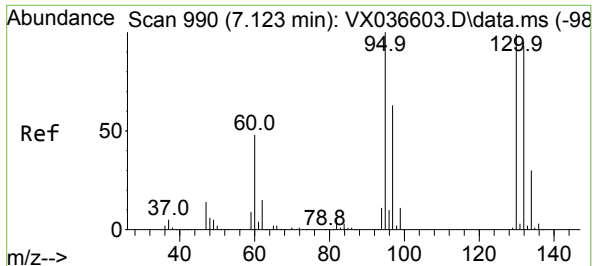
Tgt Ion:117 Resp: 18683
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.264 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

Tgt Ion: 83 Resp: 1081
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 172.9 36.7 55.1#

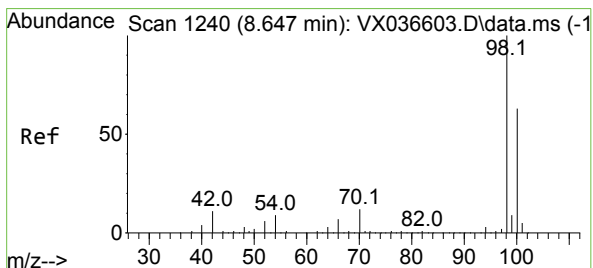
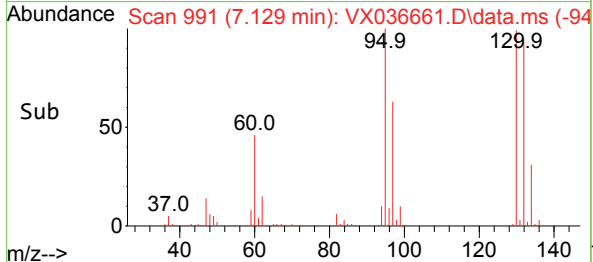
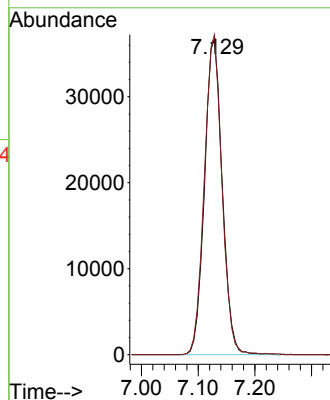
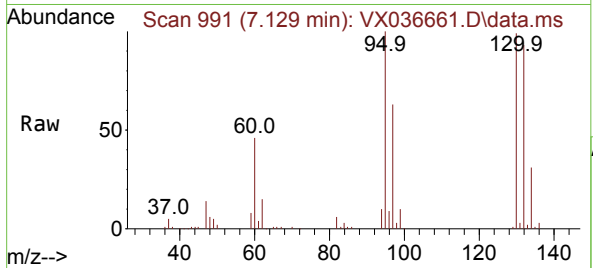




#44
Trichloroethene
Concen: 31.831 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

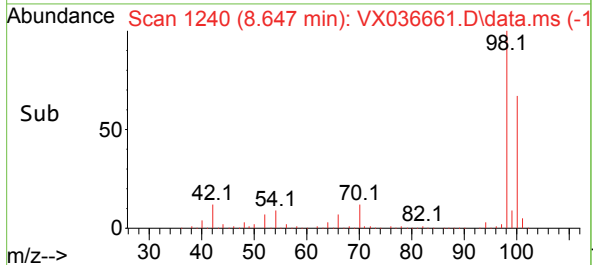
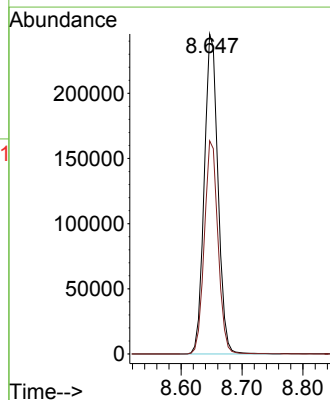
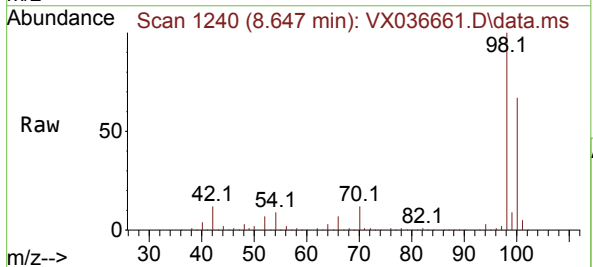
Instrument :
MSVOA_X
ClientSampleId :
LEA-71

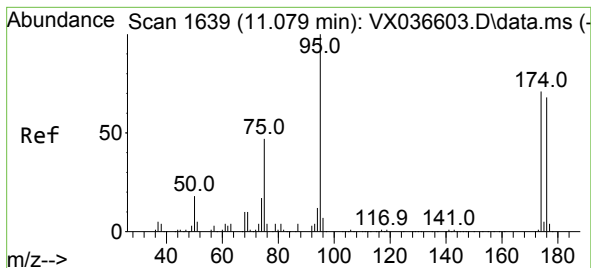
Tgt Ion:130 Resp: 79668
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.4



#50
Toluene-d8
Concen: 49.045 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

Tgt Ion: 98 Resp: 384031
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

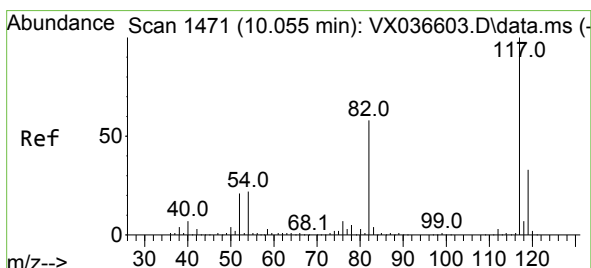
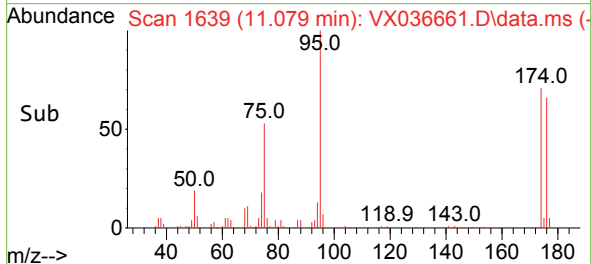
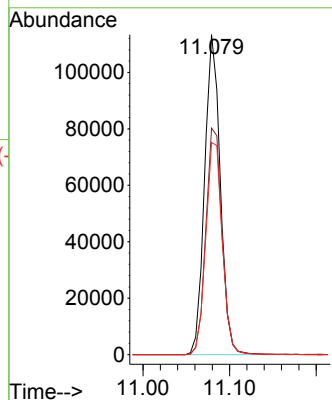
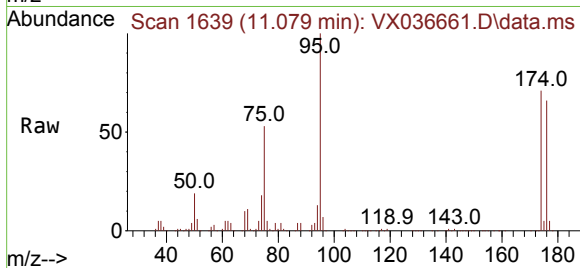




#62
4-Bromofluorobenzene
Concen: 48.315 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

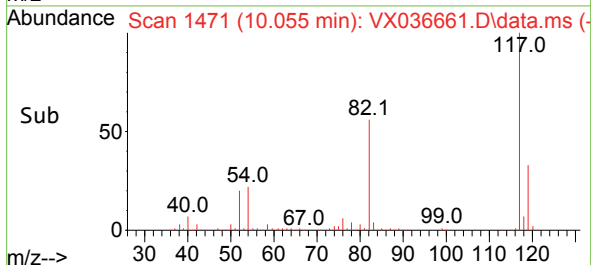
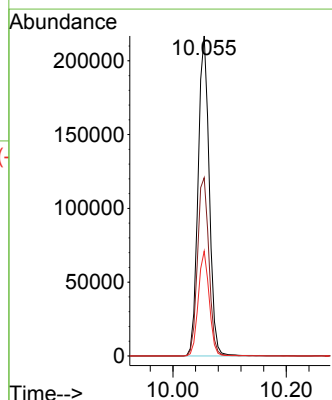
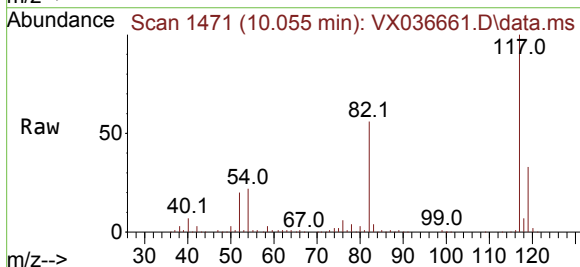
Instrument :
MSVOA_X
ClientSampleId :
LEA-7I

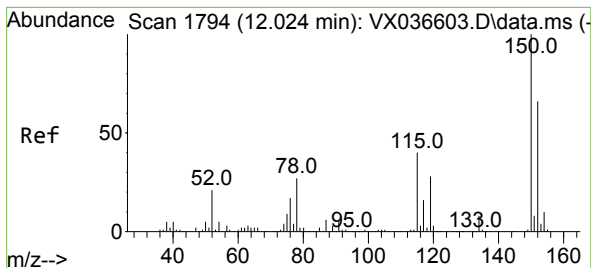
Tgt Ion: 95 Resp: 142730
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036661.D
Acq: 25 Jul 2023 18:24

Tgt Ion: 117 Resp: 295207
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036661.D

Acq: 25 Jul 2023 18:24

Instrument :

MSVOA_X

ClientSampleId :

LEA-7I

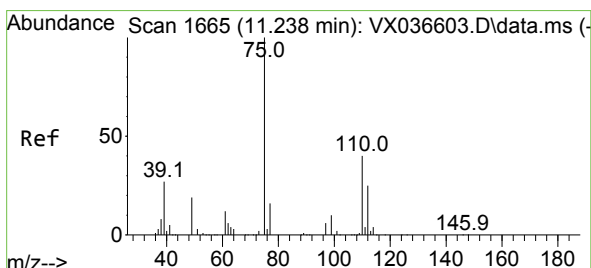
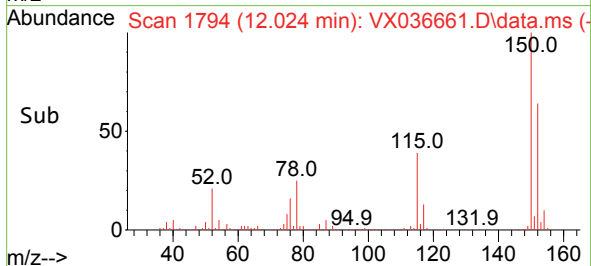
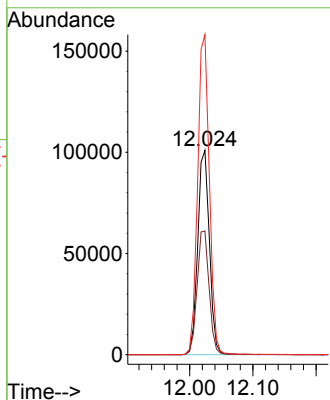
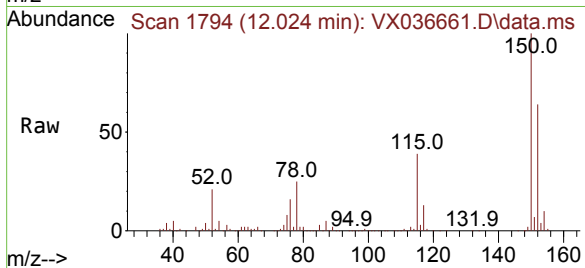
Tgt Ion:152 Resp: 130100

Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 157.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.425 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036661.D

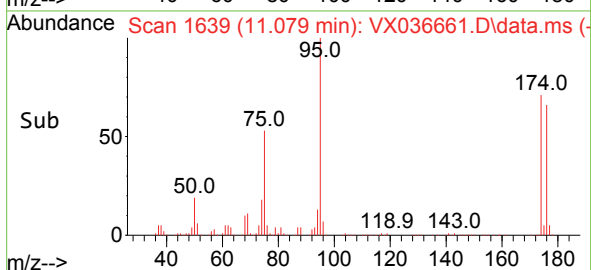
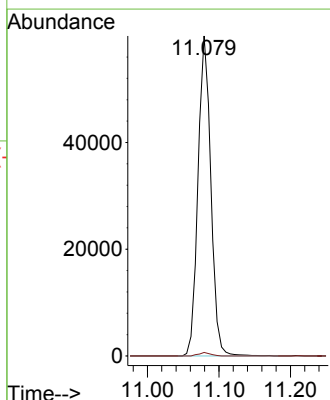
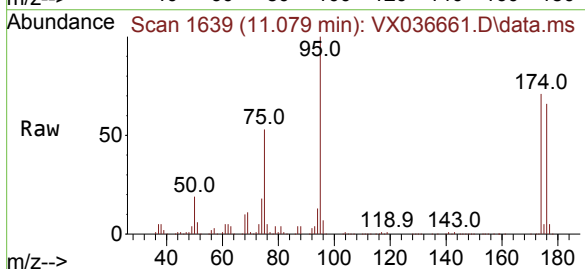
Acq: 25 Jul 2023 18:24

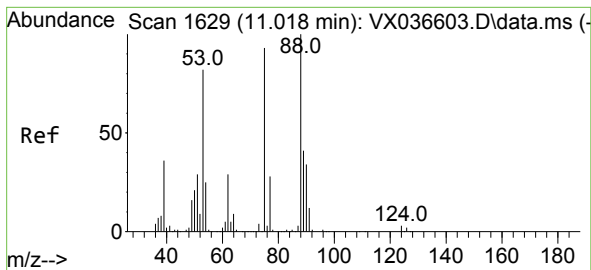
Tgt Ion: 75 Resp: 74743

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.361 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036661.D
 Acq: 25 Jul 2023 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-7I

Tgt Ion: 75 Resp: 74743
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

