

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036749.D
 Acq On : 01 Aug 2023 15:26
 Operator : JC/MD
 Sample : 03856-03 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-8I

Quant Time: Aug 02 06:25:22 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)

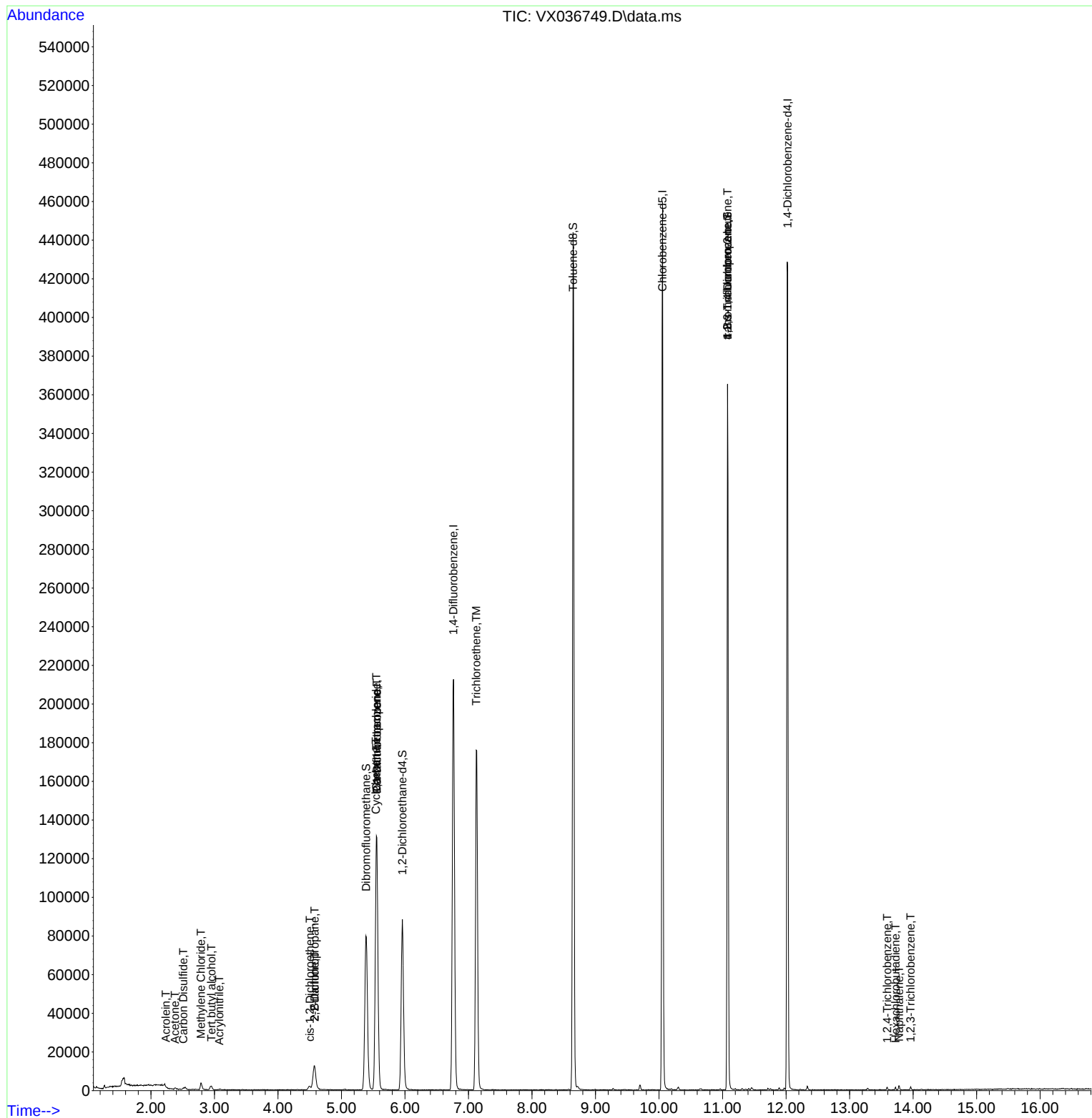
Internal Standards						
1) Pentafluorobenzene	5.556	168	123880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82332	44.917	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.840%		
35) Dibromofluoromethane	5.385	113	71219	46.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.180%		
50) Toluene-d8	8.647	98	266017	49.073	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.140%		
62) 4-Bromofluorobenzene	11.079	95	98625	48.223	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.440%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	1524	3.512	ug/l #	78
13) Acrolein	2.233	56	383	1.547	ug/l #	14
15) Acrylonitrile	3.075	53	196	0.225	ug/l #	55
16) Acetone	2.380	43	968	1.273	ug/l	91
17) Carbon Disulfide	2.508	76	1084	0.283	ug/l #	76
20) Methylene Chloride	2.788	84	1748	1.033	ug/l	97
25) 2-Butanone	4.574	43	1120	0.908	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	1047	0.382	ug/l #	54
27) cis-1,2-Dichloroethene	4.501	96	1513	0.822	ug/l	79
31) Cyclohexane	5.544	56	2900	1.143	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10092	4.429	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13055	5.390	ug/l #	15
44) Trichloroethene	7.123	130	69229	39.954	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	50798	23.599	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50798	53.489	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	465	0.245	ug/l	87
94) Hexachlorobutadiene	13.725	225	266	0.339	ug/l	83
95) Naphthalene	13.780	128	1890	0.286	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	389	0.208	ug/l #	68

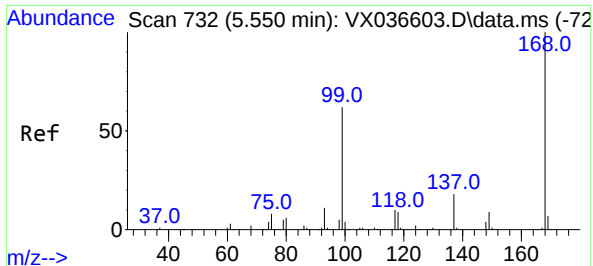
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

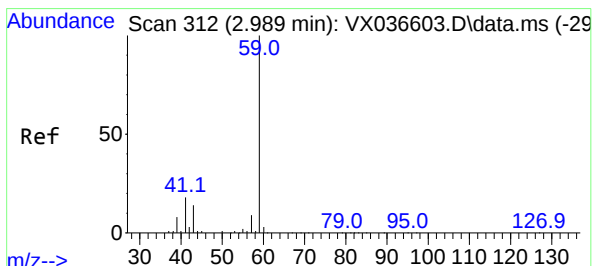
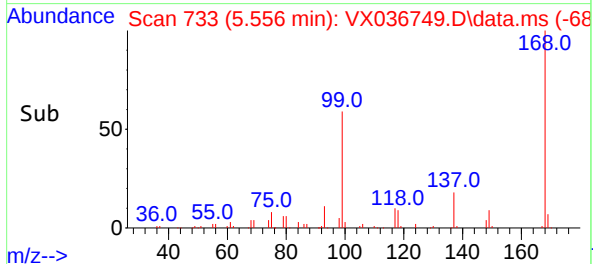
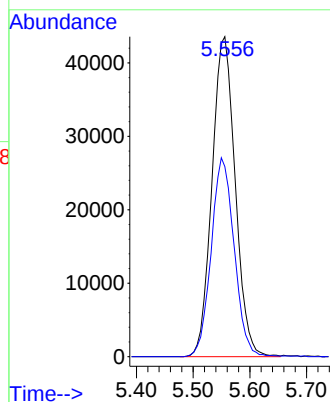
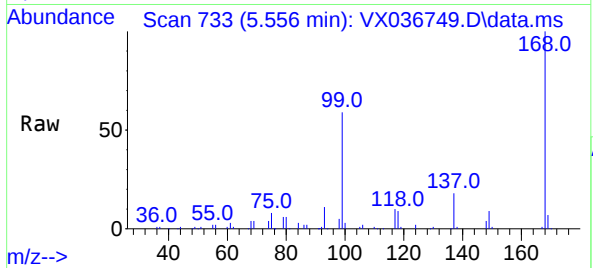




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

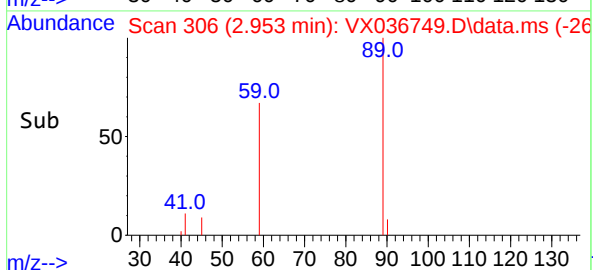
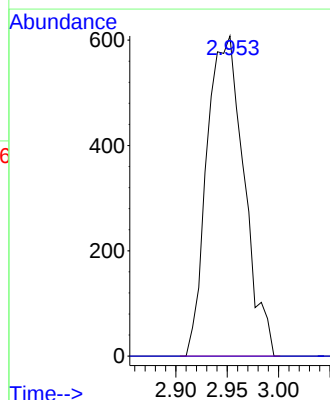
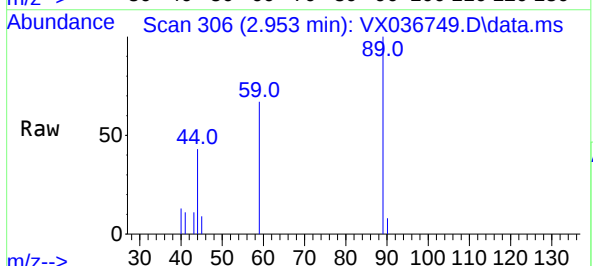
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

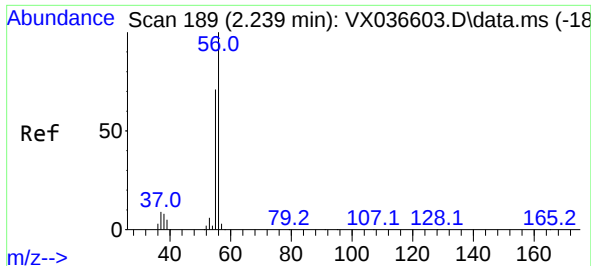
Tgt Ion:168 Resp: 123880
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.512 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Tgt Ion: 59 Resp: 1524
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

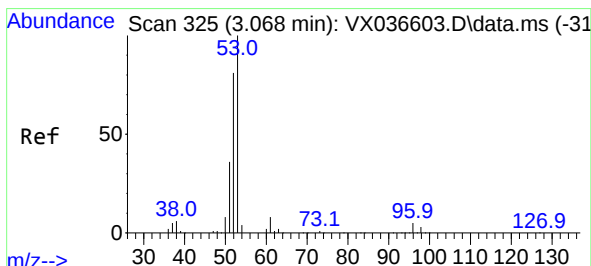
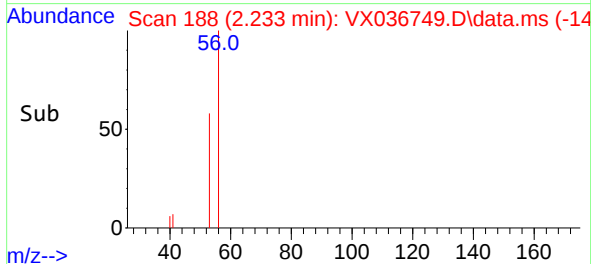
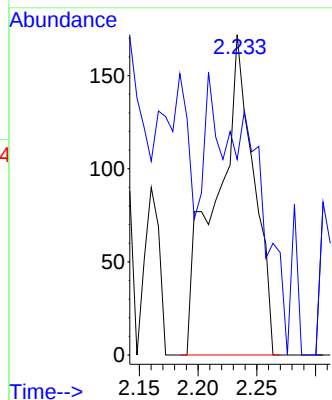
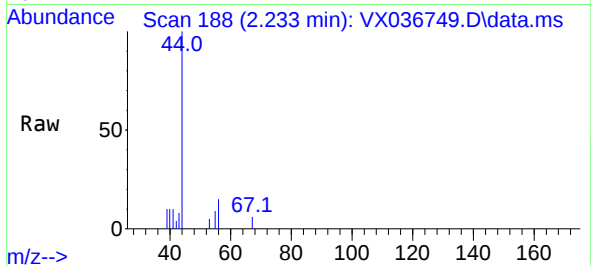




#13
Acrolein
Concen: 1.547 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

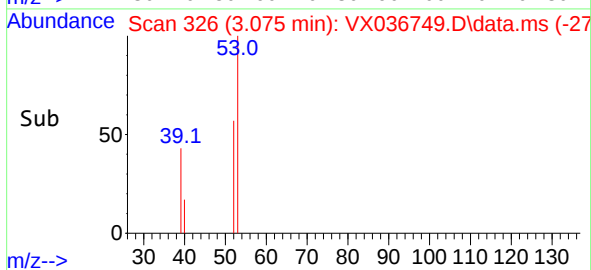
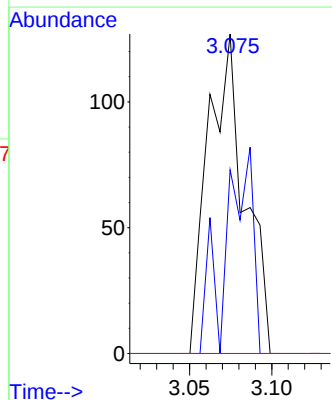
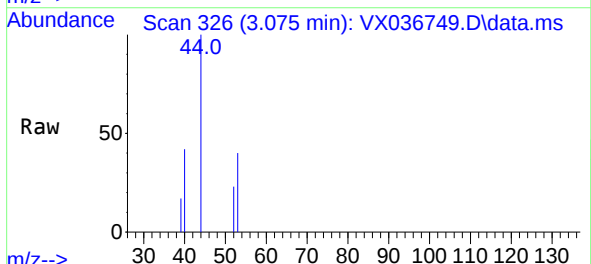
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

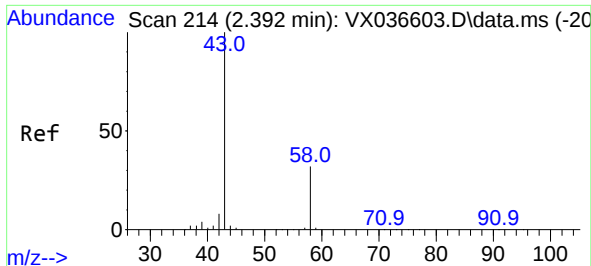
Tgt Ion: 56 Resp: 383
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#15
Acrylonitrile
Concen: 0.225 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Tgt Ion: 53 Resp: 196
Ion Ratio Lower Upper
53 100
52 49.0 66.0 99.0#
51 0.0 29.8 44.6#

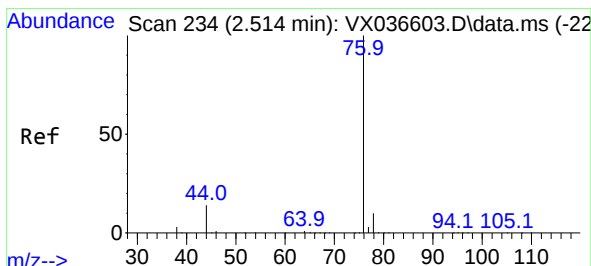
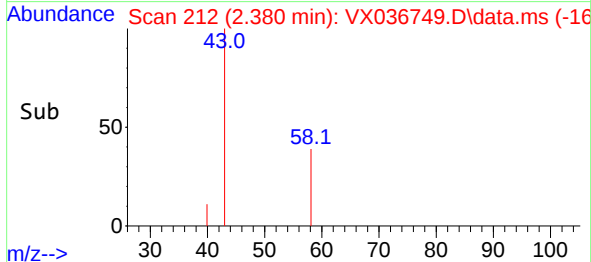
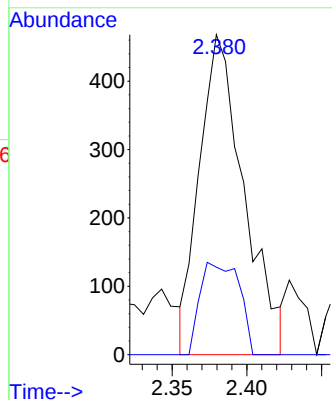
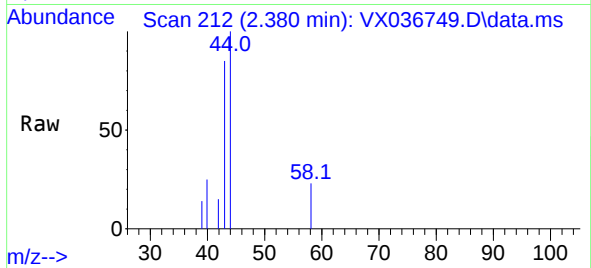




#16
Acetone
Concen: 1.273 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

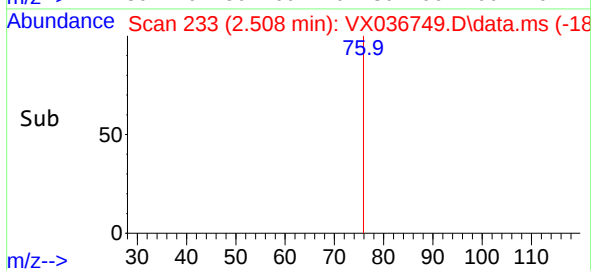
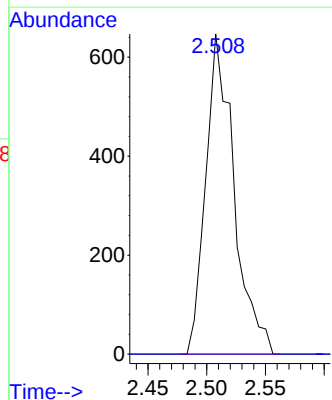
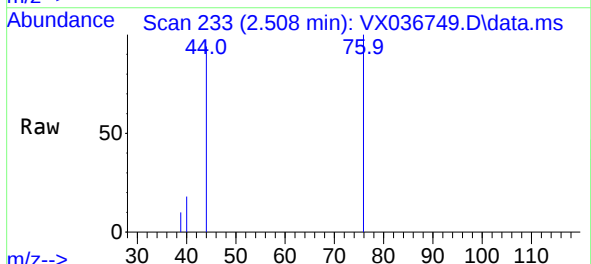
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

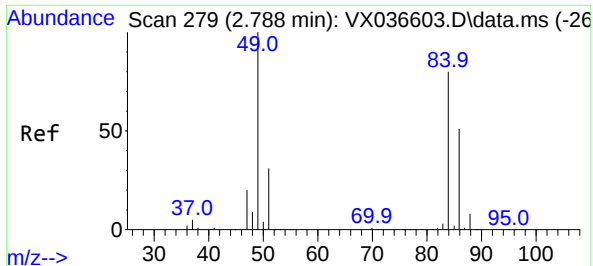
Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9



#17
Carbon Disulfide
Concen: 0.283 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Tgt Ion: 76 Resp: 1084
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



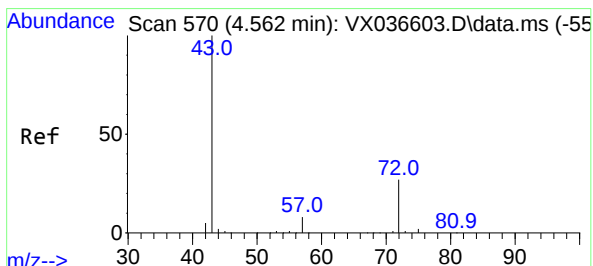
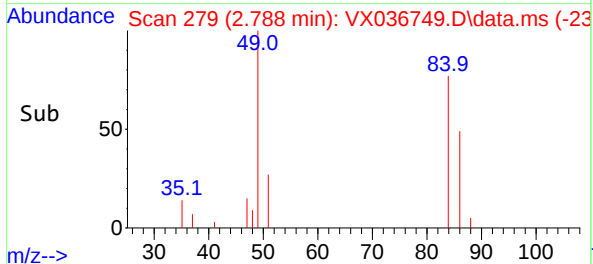
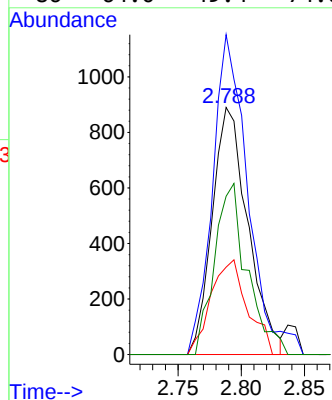
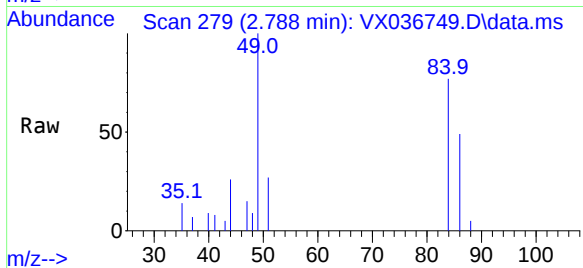


#20
Methylene Chloride
Concen: 1.033 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

Tgt Ion: 84 Resp: 1748

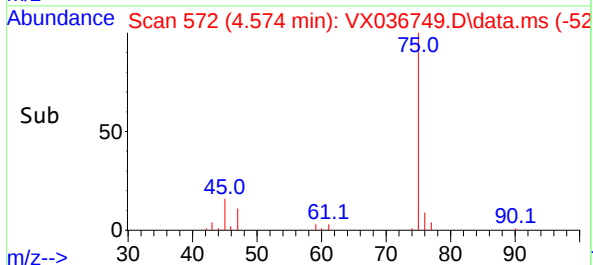
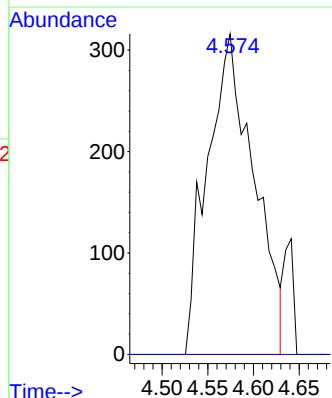
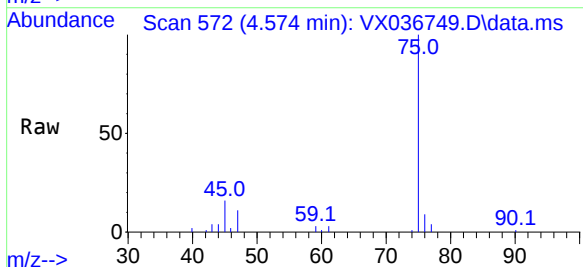
Ion	Ratio	Lower	Upper
84	100		
49	129.4	103.6	155.4
51	35.4	33.8	50.6
86	64.0	49.4	74.0

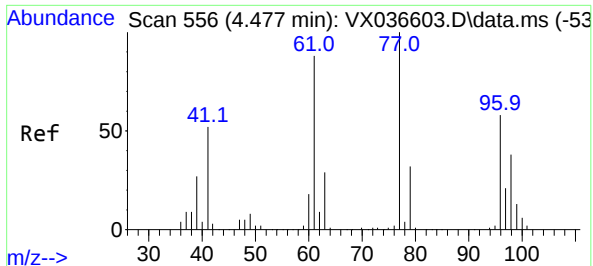


#25
2-Butanone
Concen: 0.908 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Tgt Ion: 43 Resp: 1120

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#26

2,2-Dichloropropane

Concen: 0.382 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.098 min

Lab File: VX036749.D

Acq: 01 Aug 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

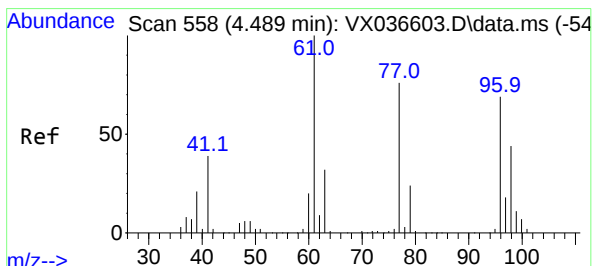
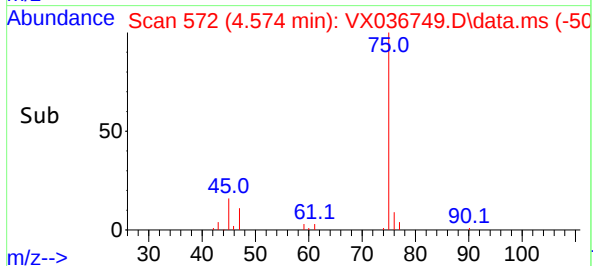
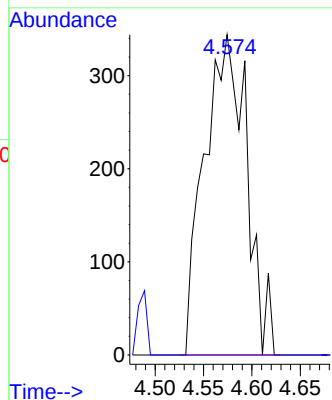
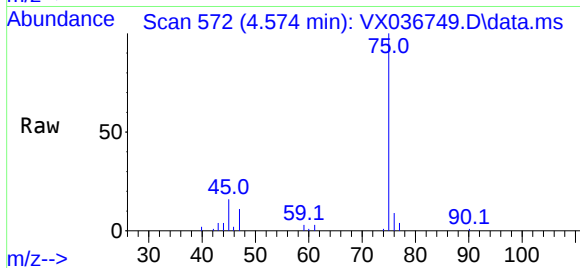
LEA-8I

Tgt Ion: 77 Resp: 1047

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#27

cis-1,2-Dichloroethene

Concen: 0.822 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX036749.D

Acq: 01 Aug 2023 15:26

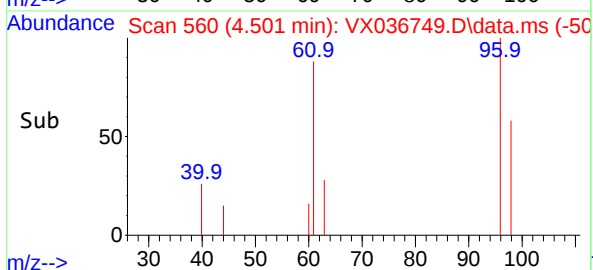
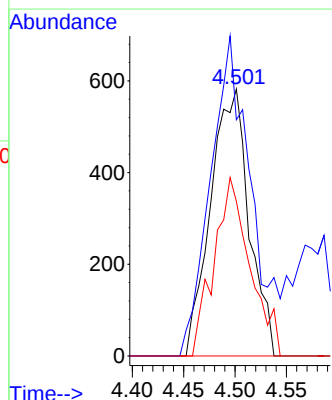
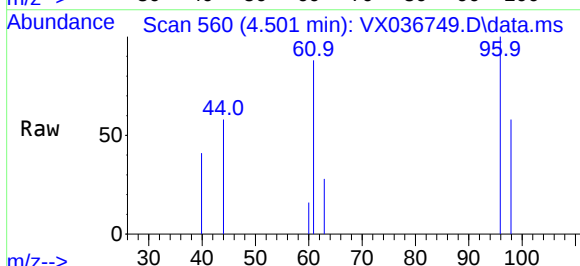
Tgt Ion: 96 Resp: 1513

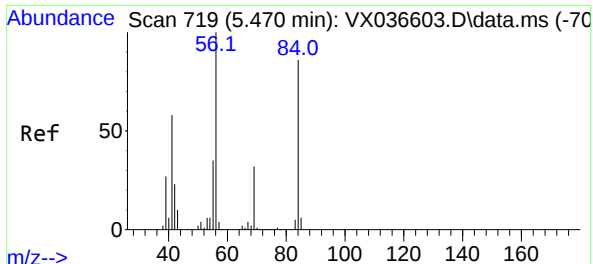
Ion Ratio Lower Upper

96 100

61 119.4 0.0 312.2

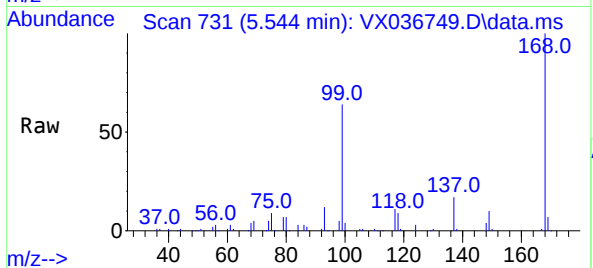
98 62.7 0.0 129.0



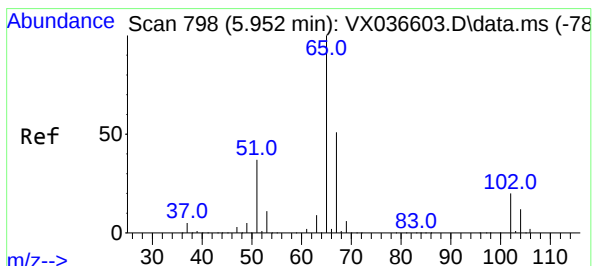
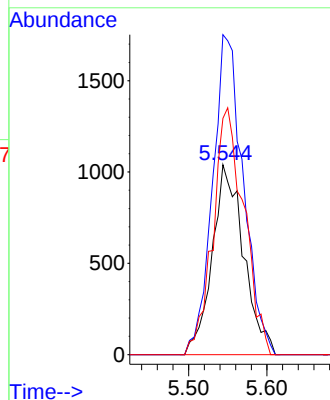
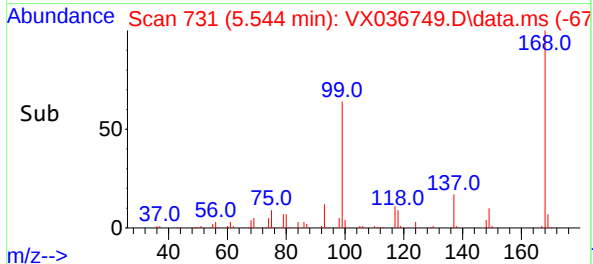


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Instrument :
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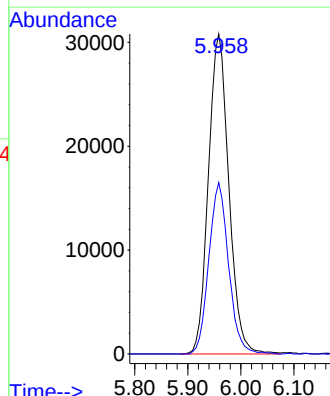
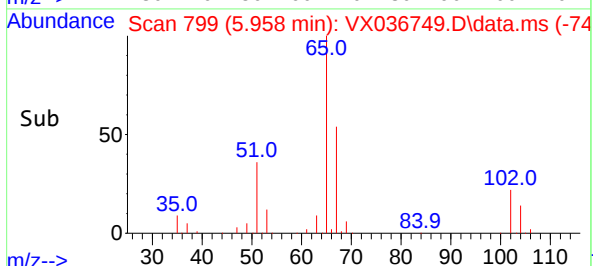
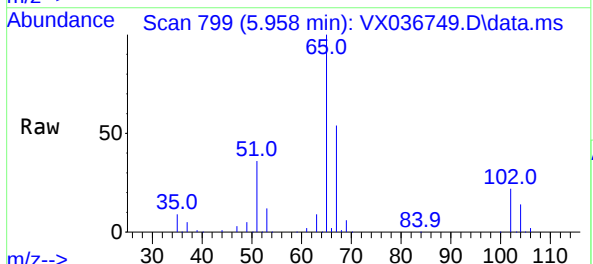


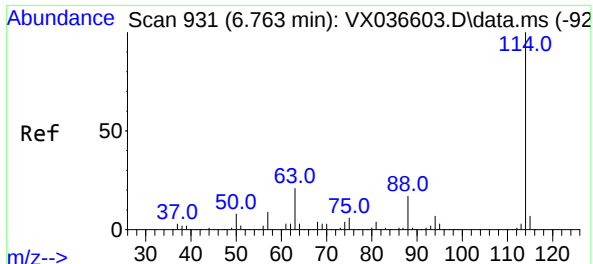
Tgt Ion: 56 Resp: 2900
Ion Ratio Lower Upper
56 100
69 168.5 23.4 35.2#
84 124.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.917 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Tgt Ion: 65 Resp: 82332
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

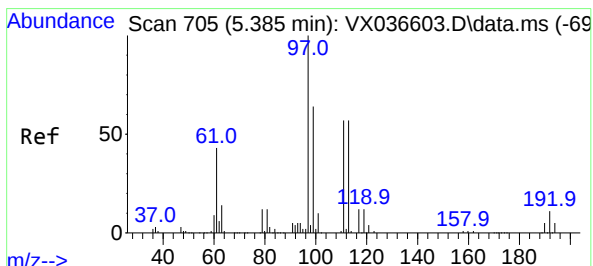
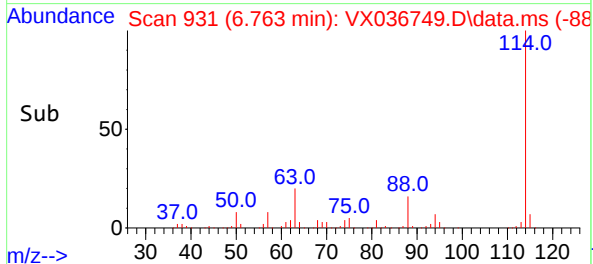
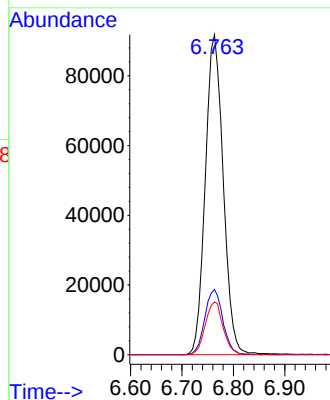
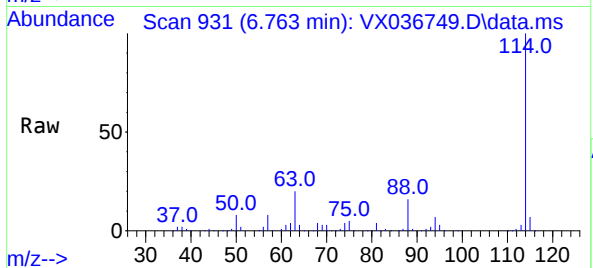




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

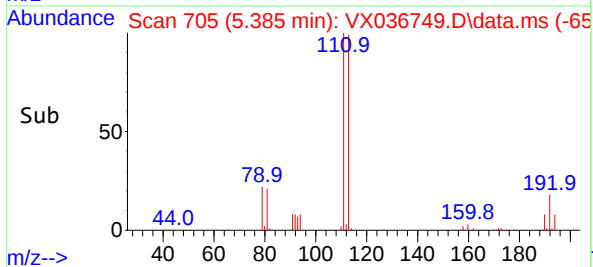
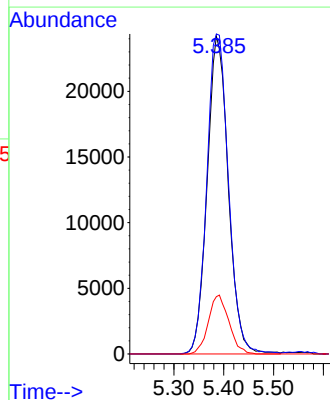
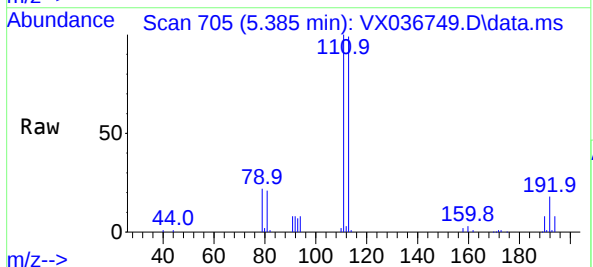
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

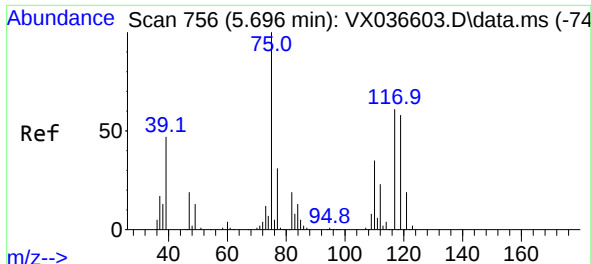
Tgt Ion:114 Resp: 222396
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.590 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Tgt Ion:113 Resp: 71219
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.0 13.3 19.9

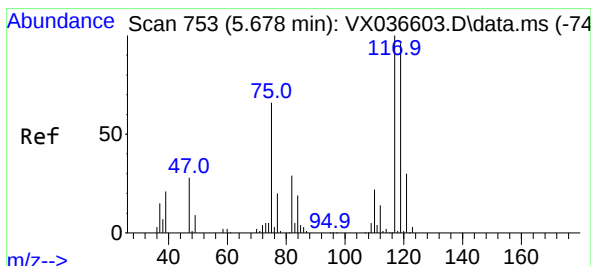
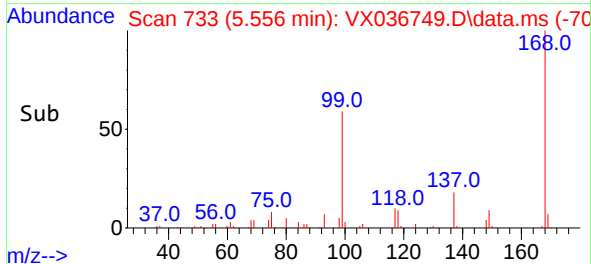
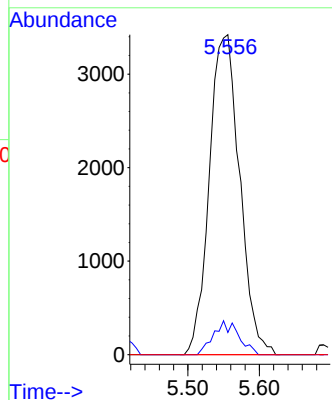
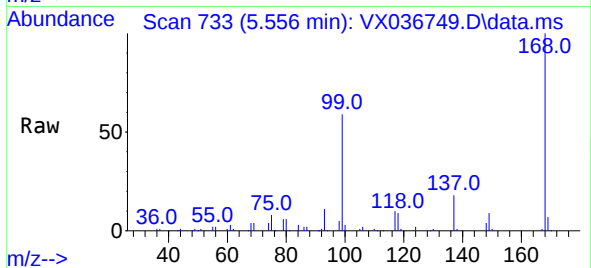




#36
1,1-Dichloropropene
Concen: 4.429 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

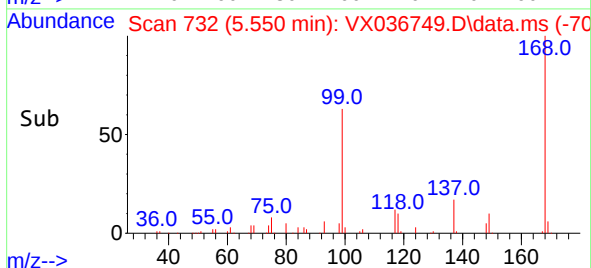
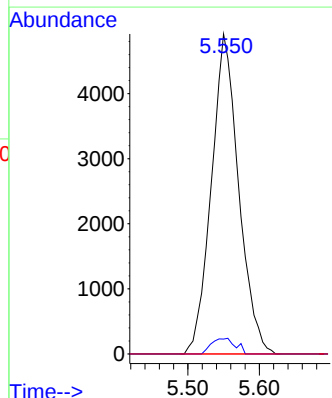
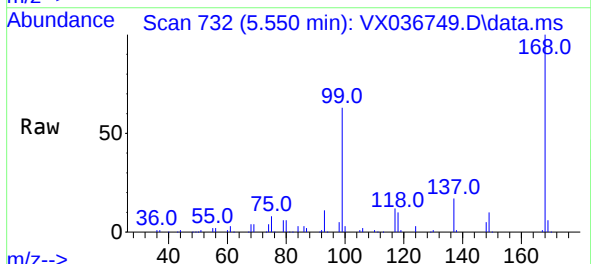
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

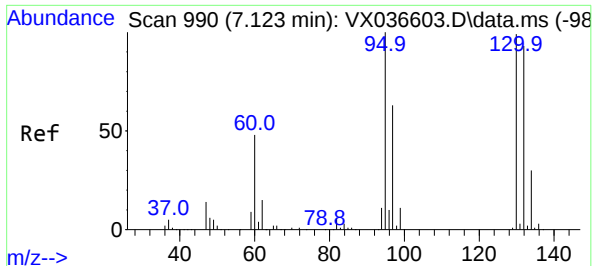
Tgt Ion: 75 Resp: 10092
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Tgt Ion: 117 Resp: 13055
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

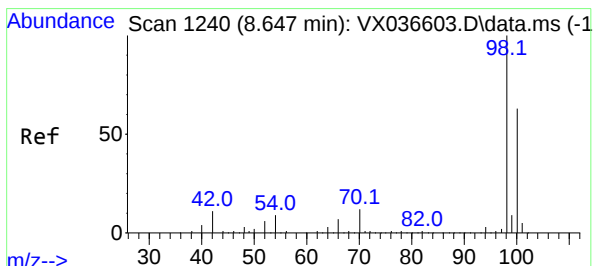
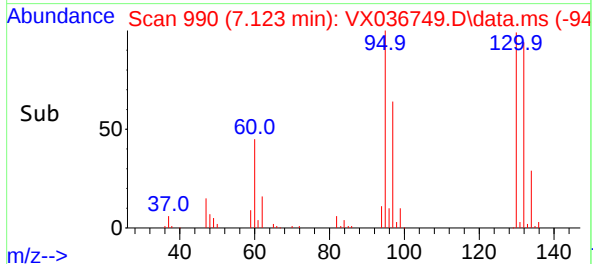
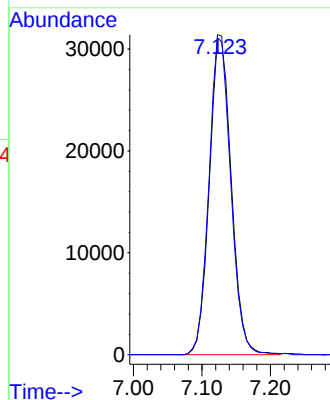
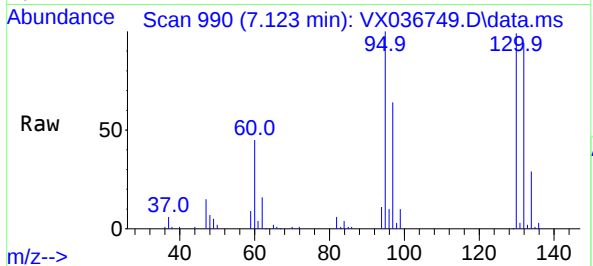




#44
Trichloroethene
Concen: 39.954 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

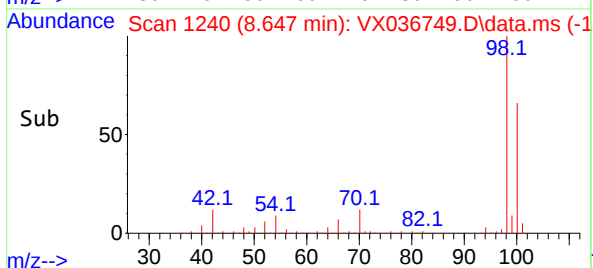
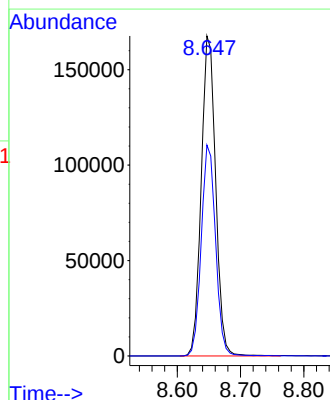
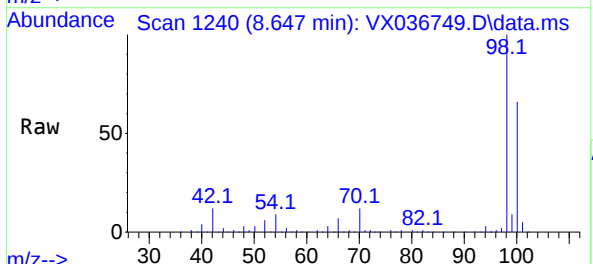
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

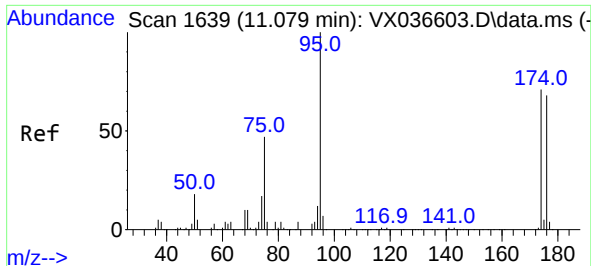
Tgt Ion:130 Resp: 69229
Ion Ratio Lower Upper
130 100
95 100.9 0.0 204.4



#50
Toluene-d8
Concen: 49.073 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Tgt Ion: 98 Resp: 266017
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

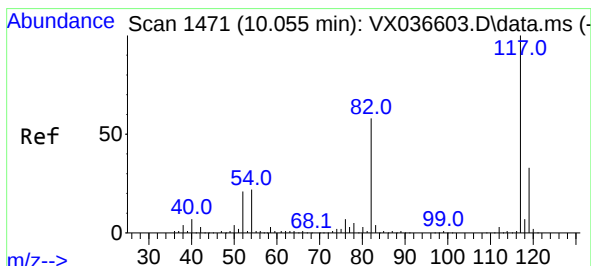
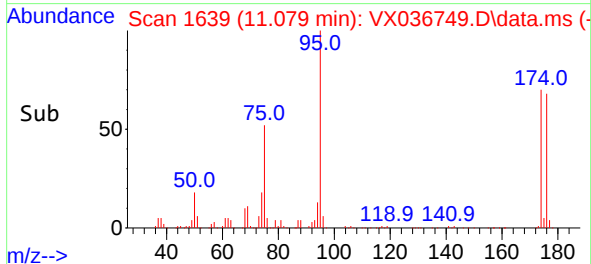
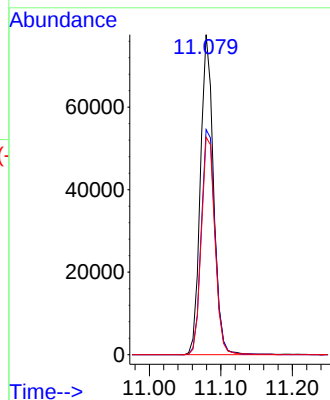
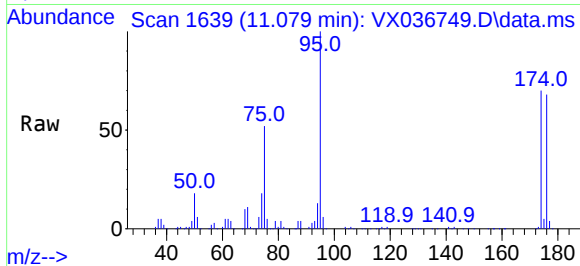




#62
4-Bromofluorobenzene
Concen: 48.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

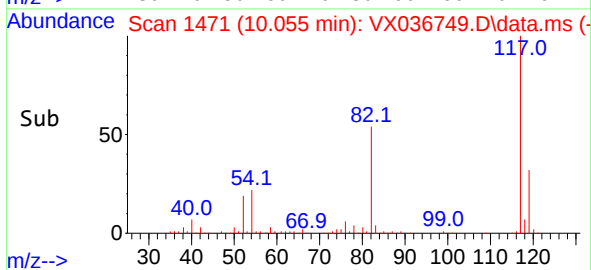
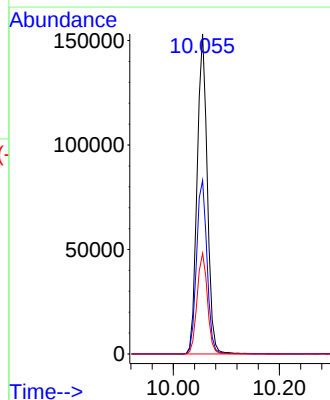
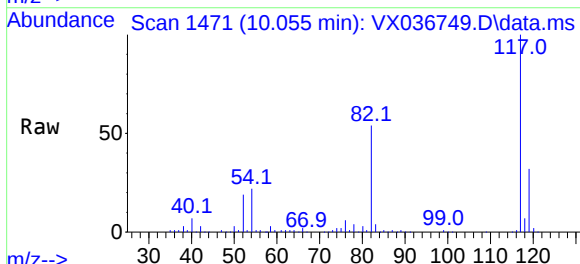
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

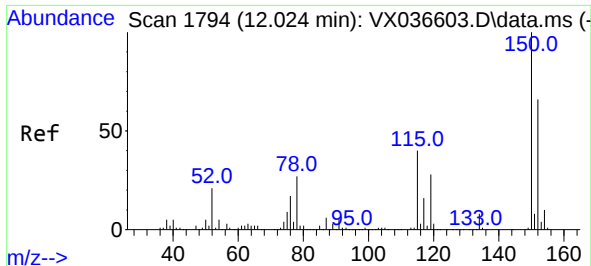
Tgt Ion: 95 Resp: 98625
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Tgt Ion: 117 Resp: 203684
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 31.5 25.5 38.3

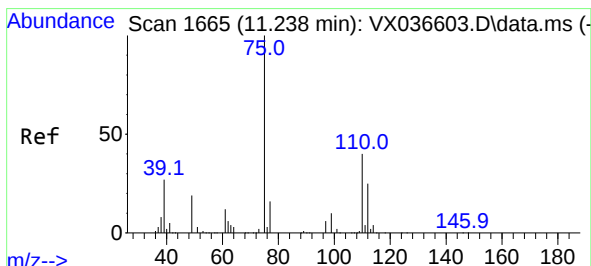
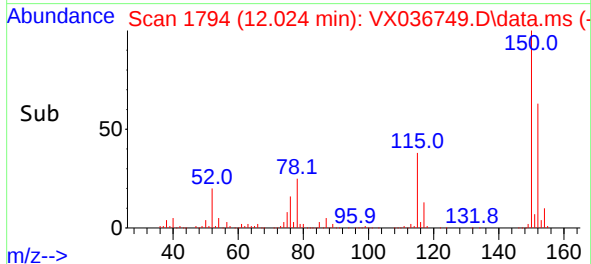
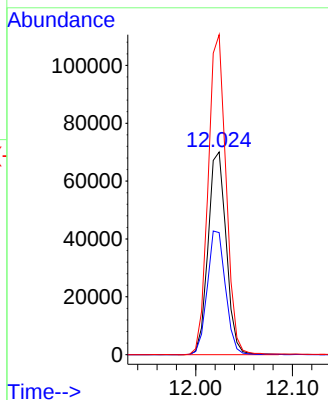
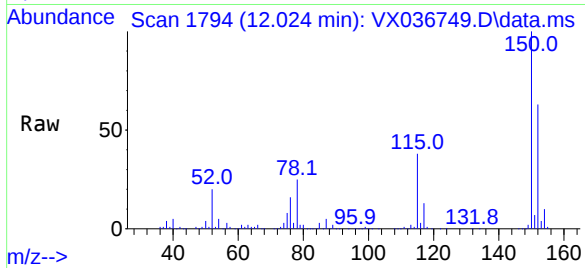




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

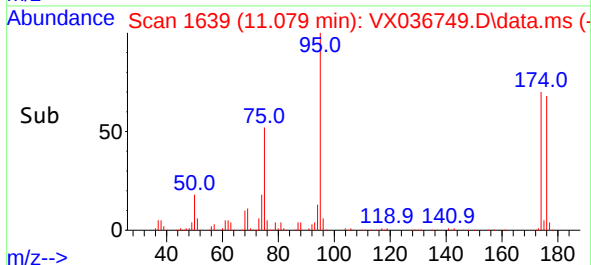
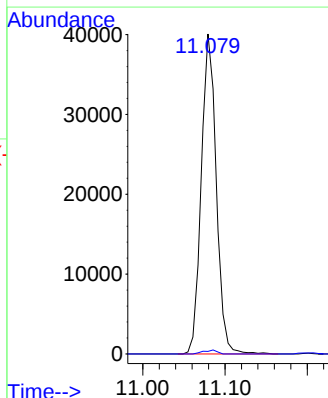
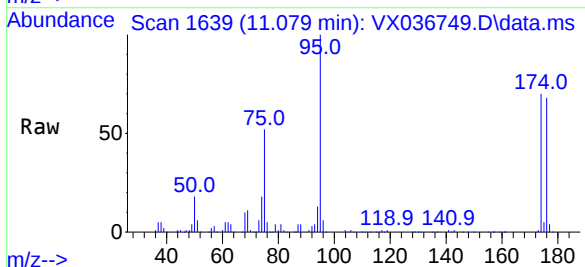
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

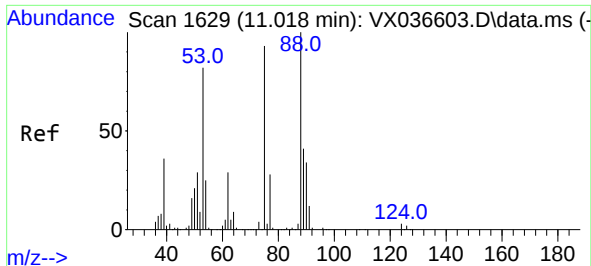
Tgt Ion:152 Resp: 91515
Ion Ratio Lower Upper
152 100
115 61.4 43.3 129.9
150 155.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.599 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Tgt Ion: 75 Resp: 50798
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

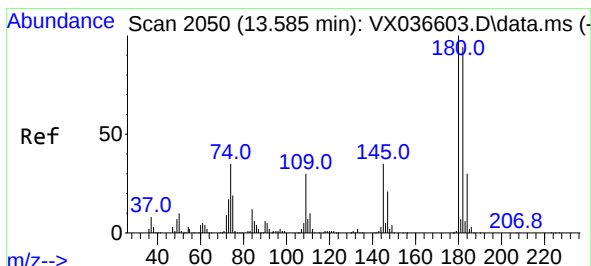
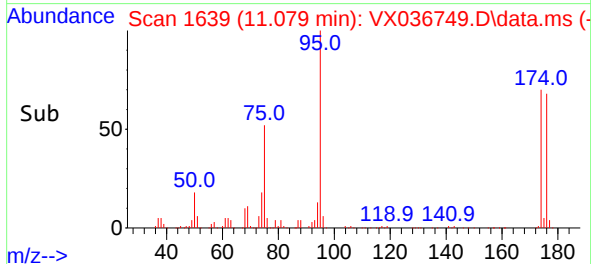
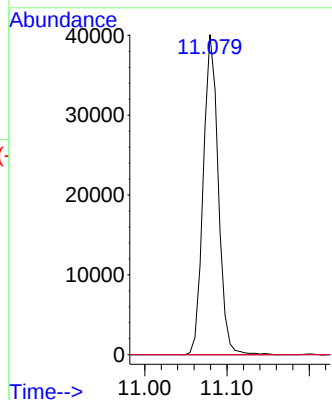
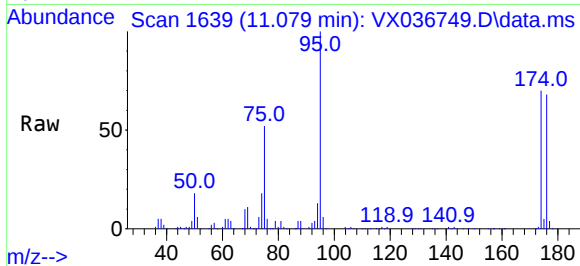




#81
trans-1,4-Dichloro-2-butene
Concen: 53.489 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

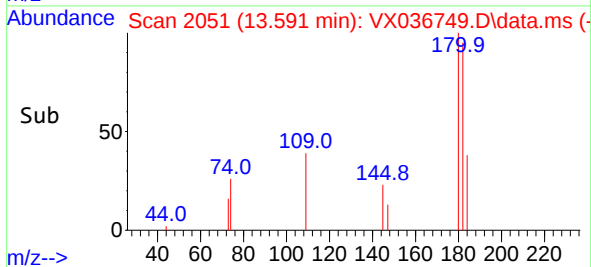
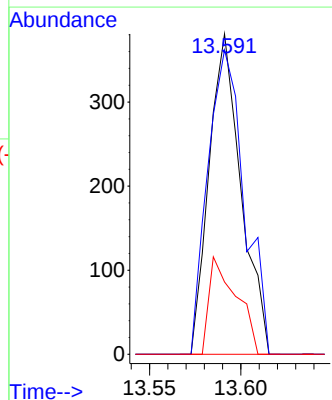
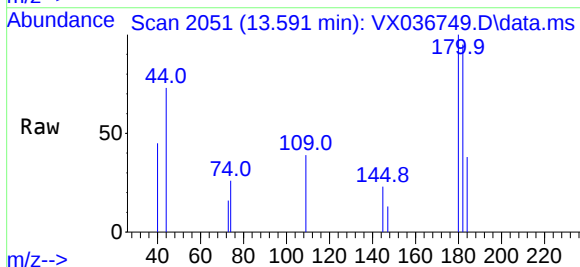
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

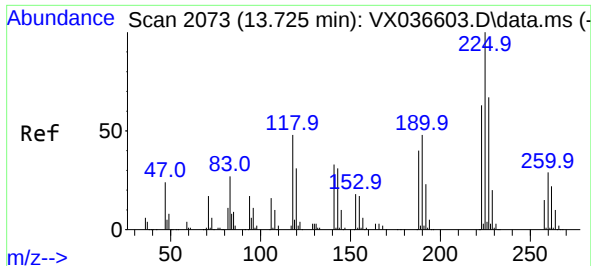
Tgt Ion: 75 Resp: 50798
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.245 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

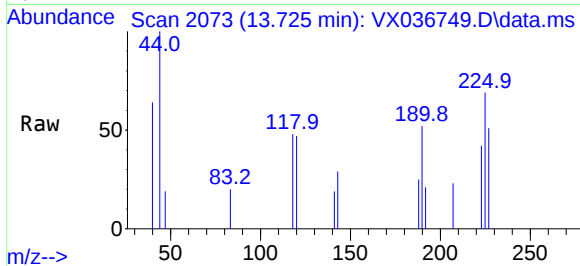
Tgt Ion:180 Resp: 465
Ion Ratio Lower Upper
180 100
182 108.0 48.3 144.8
145 26.0 18.0 54.0



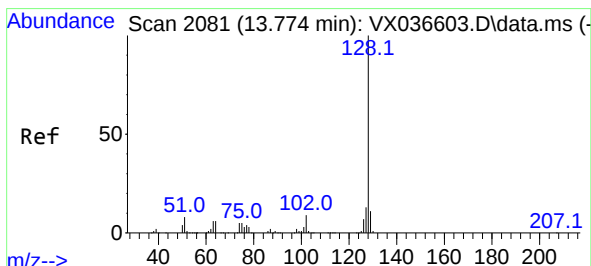
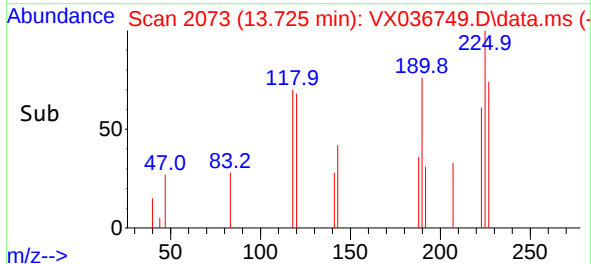
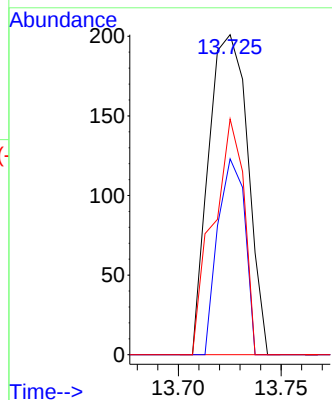


#94
Hexachlorobutadiene
Concen: 0.339 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

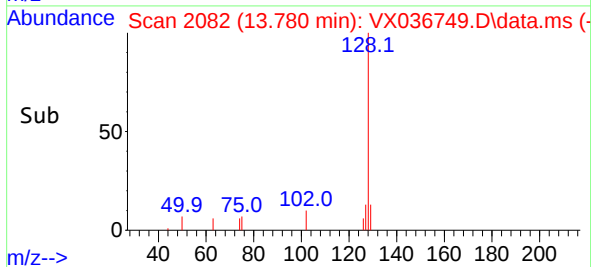
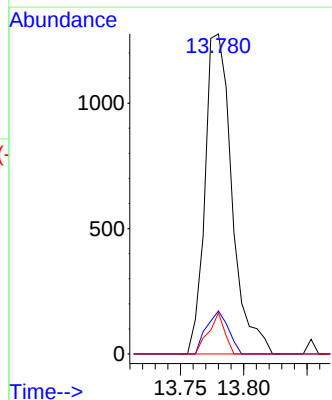
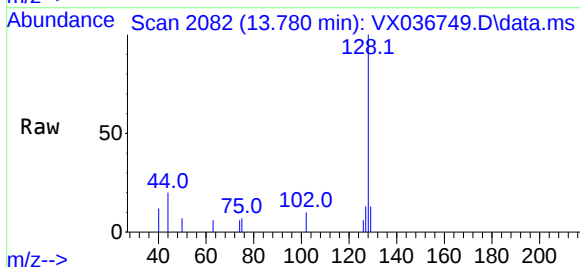


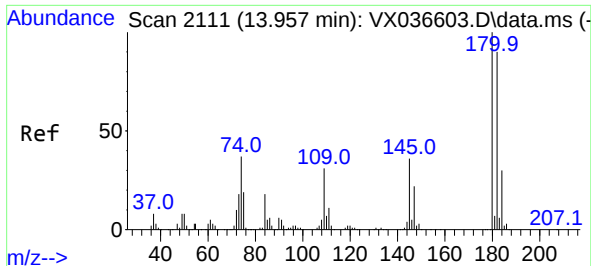
Tgt Ion:	225	Resp:	266
Ion	Ratio	Lower	Upper
225	100		
223	42.5	31.1	93.2
227	58.3	32.5	97.5



#95
Naphthalene
Concen: 0.286 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036749.D
Acq: 01 Aug 2023 15:26

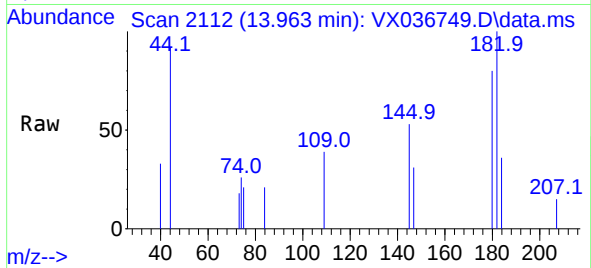
Tgt Ion:	128	Resp:	1890
Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.3	15.5
129	7.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.208 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX036749.D
 Acq: 01 Aug 2023 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-8I



Tgt Ion:180	Resp:	389
Ion	Ratio	Lower Upper
180	100	
182	121.6	46.9 140.6
145	59.4	17.8 53.5#

