

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036753.D
 Acq On : 01 Aug 2023 17:03
 Operator : JC/MD
 Sample : 03856-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11D

Quant Time: Aug 02 06:25:59 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)

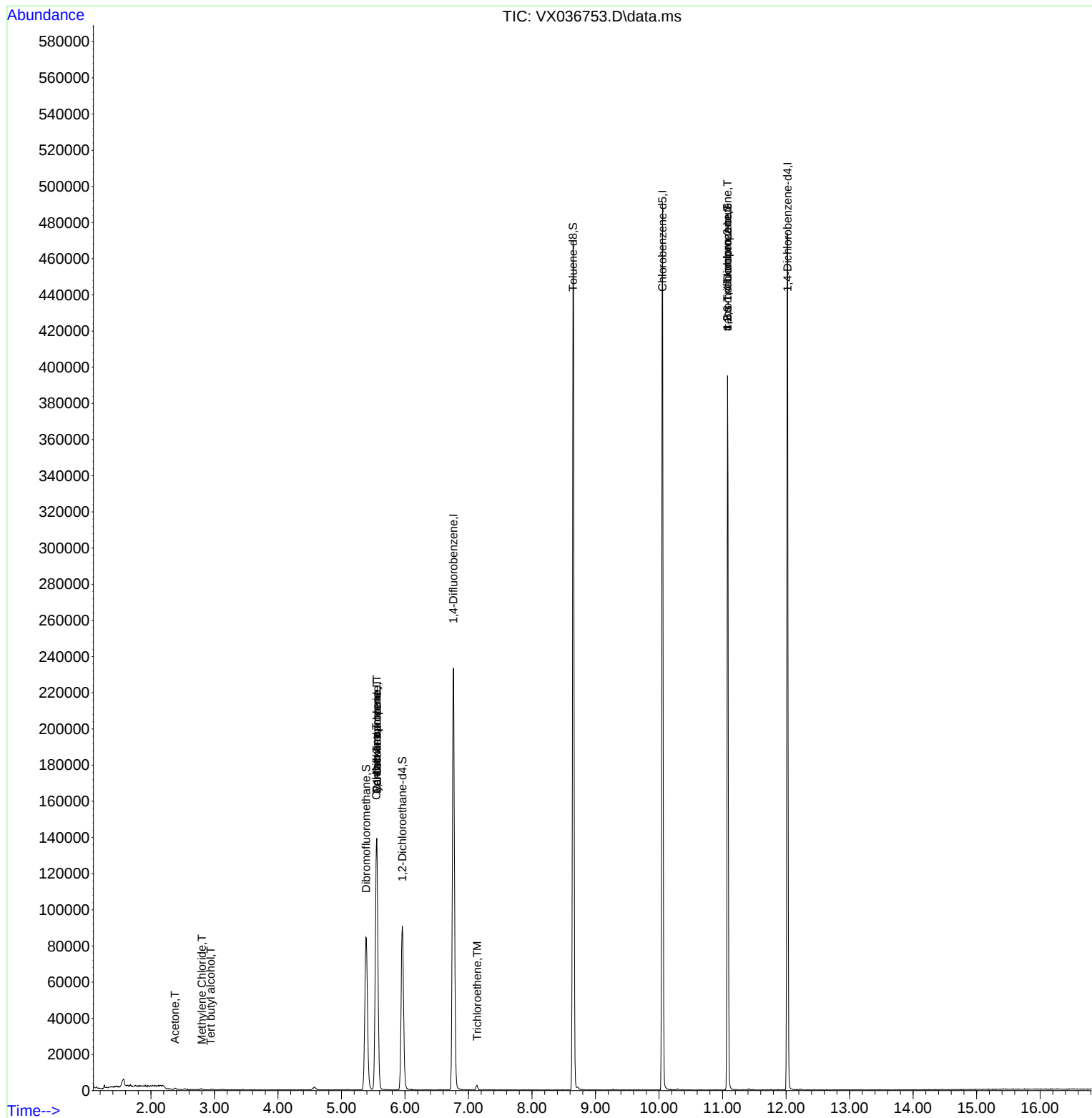
Internal Standards						
1) Pentafluorobenzene	5.556	168	130473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88155	45.663	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.320%		
35) Dibromofluoromethane	5.385	113	74998	46.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.080%		
50) Toluene-d8	8.647	98	282457	48.900	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.800%		
62) 4-Bromofluorobenzene	11.079	95	104593	47.995	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.980%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	131	0.287	ug/l #	78
16) Acetone	2.380	43	925	1.155	ug/l	100
20) Methylene Chloride	2.800	84	406	0.228	ug/l #	65
31) Cyclohexane	5.550	56	2941	1.100	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	10613	4.372	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13801	5.347	ug/l #	15
44) Trichloroethene	7.135	130	1004	0.544	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	53677	23.316	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53677	52.846	ug/l #	5

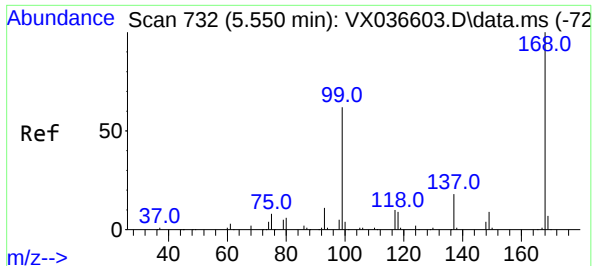
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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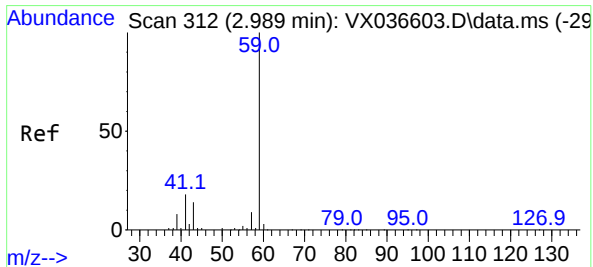
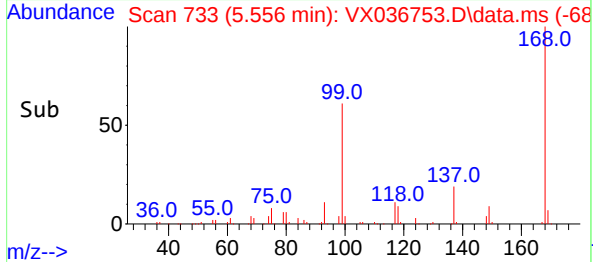
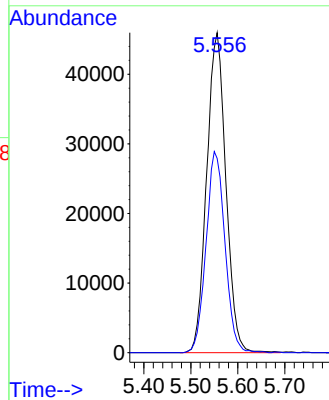
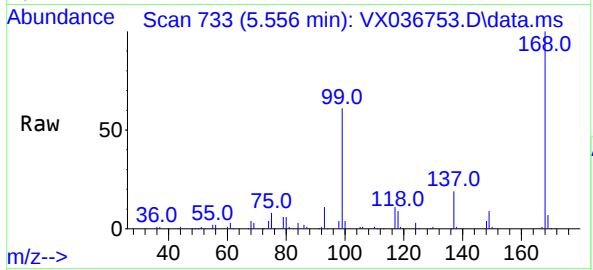




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

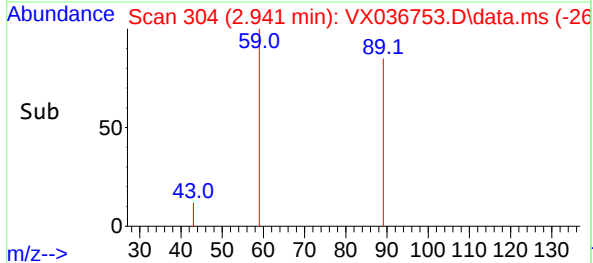
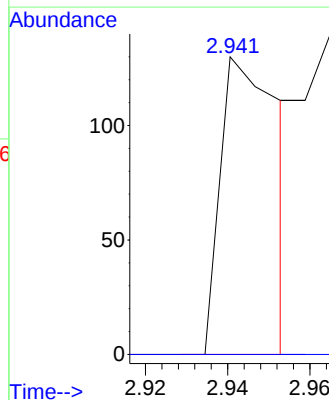
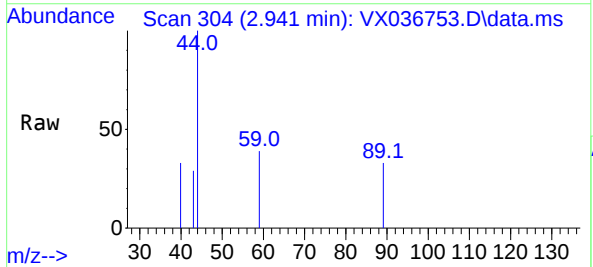
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

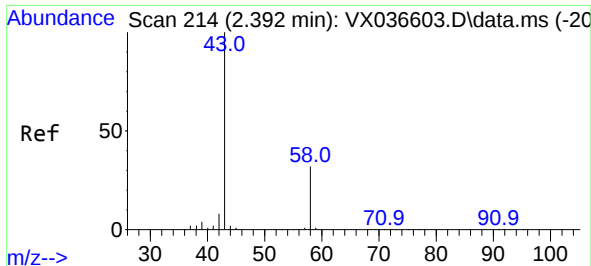
Tgt Ion:168 Resp: 130473
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.287 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

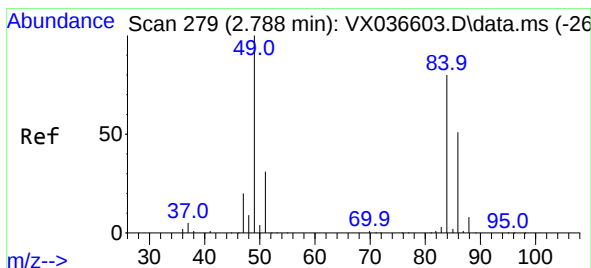
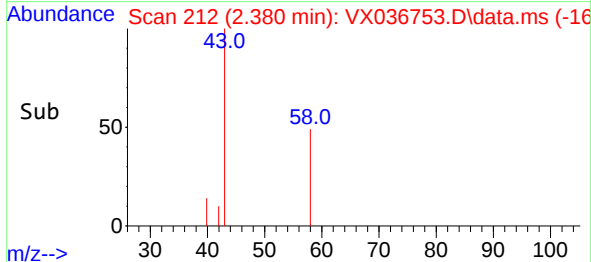
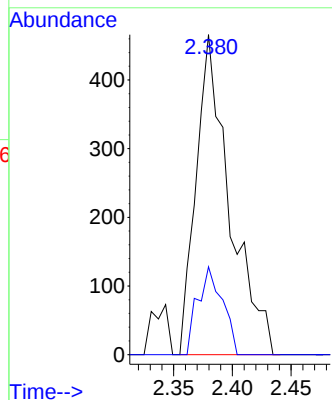
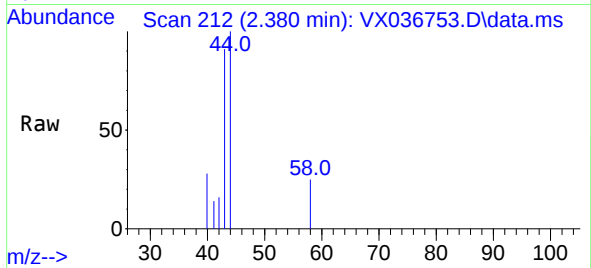




#16
Acetone
Concen: 1.155 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

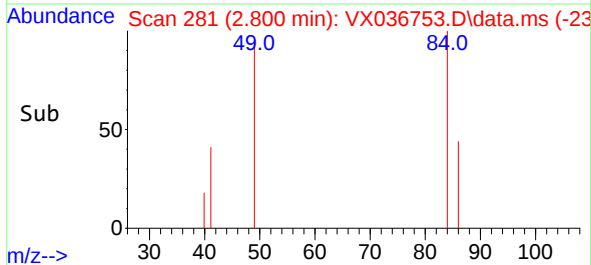
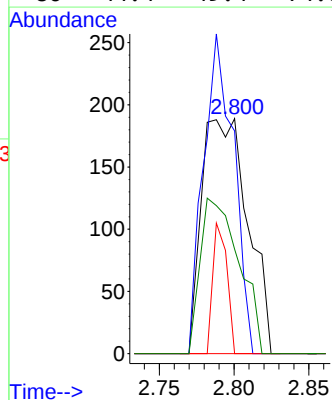
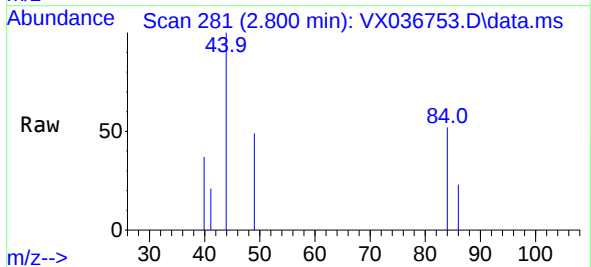
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

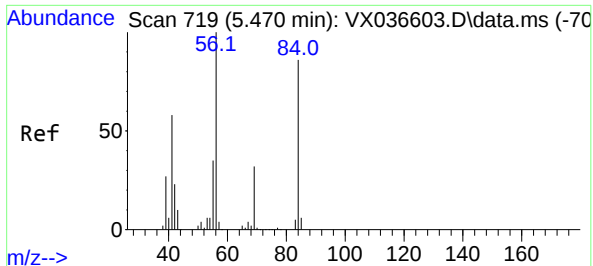
Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

Tgt Ion: 84 Resp: 406
Ion Ratio Lower Upper
84 100
49 94.7 103.6 155.4#
51 0.0 33.8 50.6#
86 44.4 49.4 74.0#

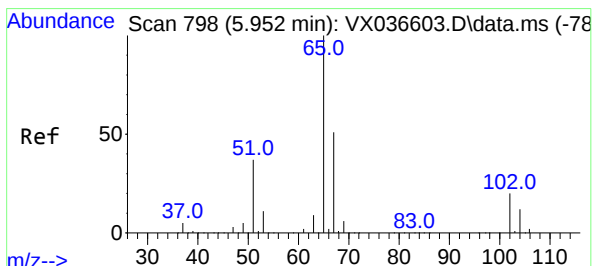
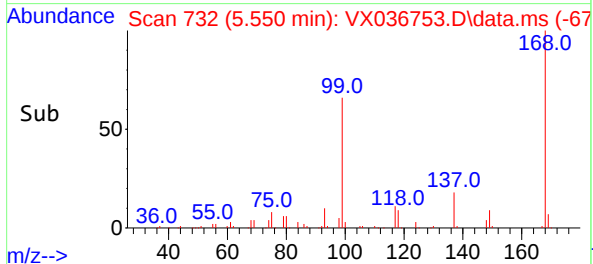
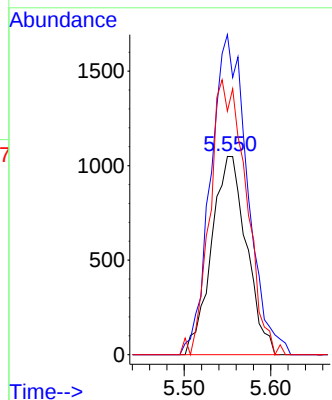
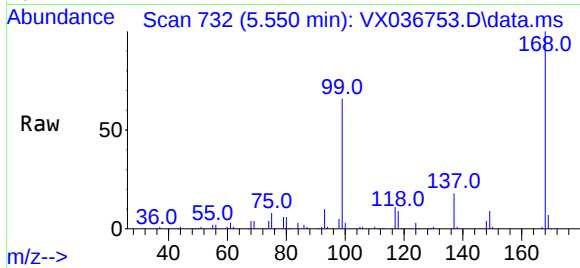




#31
Cyclohexane
Concen: 1.100 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

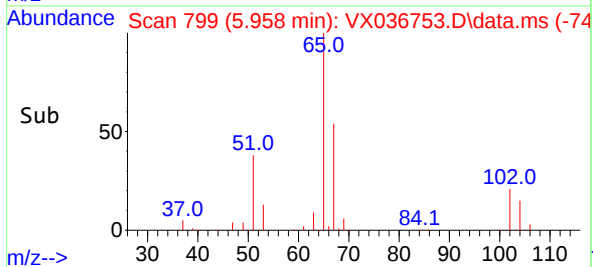
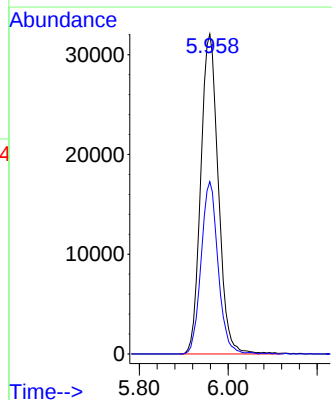
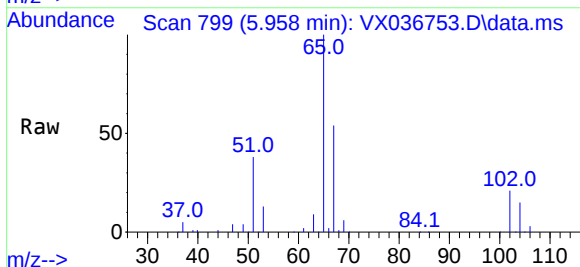
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

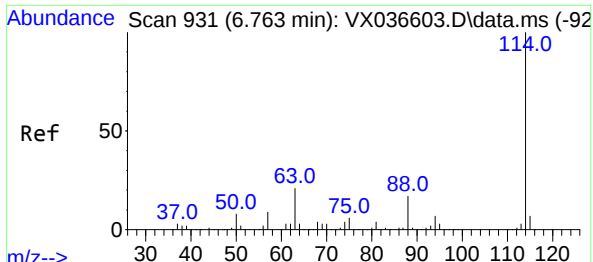
Tgt Ion: 56 Resp: 2941
Ion Ratio Lower Upper
56 100
69 161.4 23.4 35.2#
84 122.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.663 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

Tgt Ion: 65 Resp: 88155
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

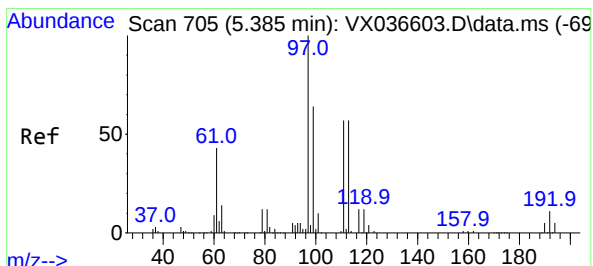
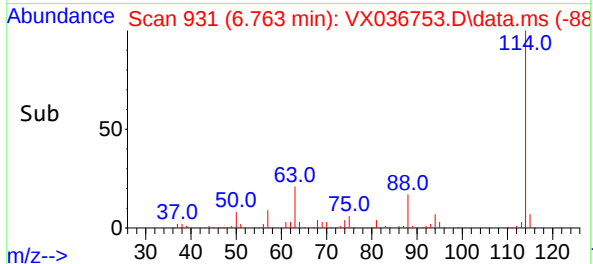
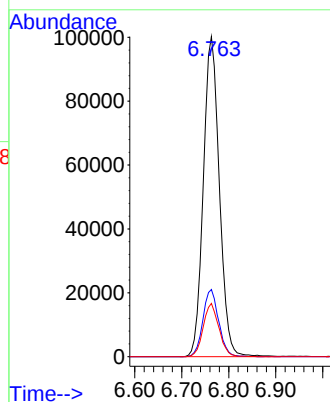
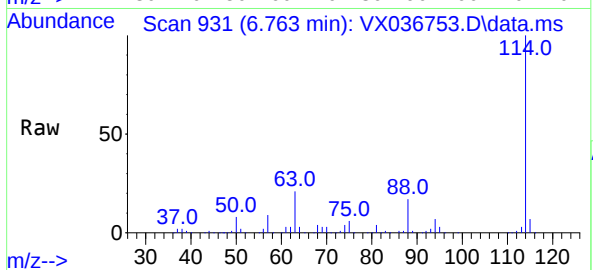




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

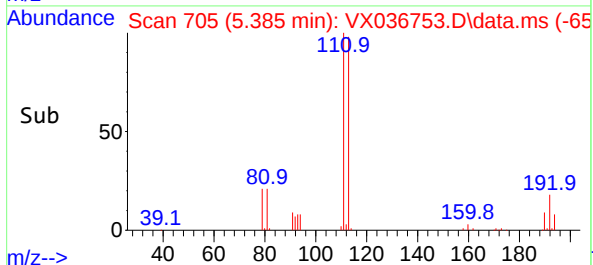
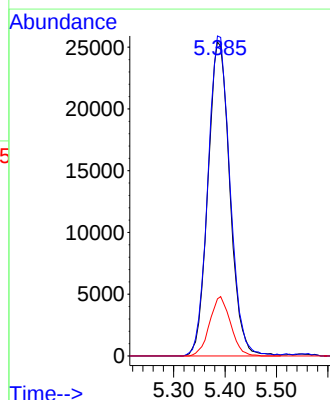
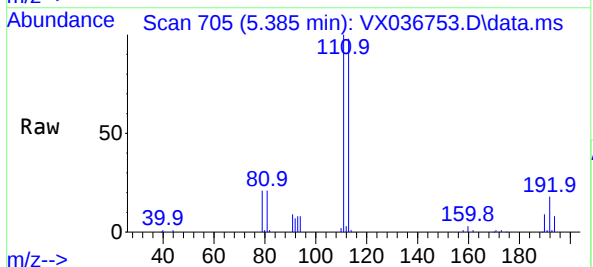
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

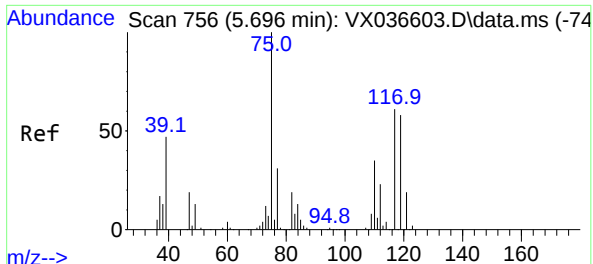
Tgt Ion:114 Resp: 236974
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.044 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

Tgt Ion:113 Resp: 74998
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.1 13.3 19.9

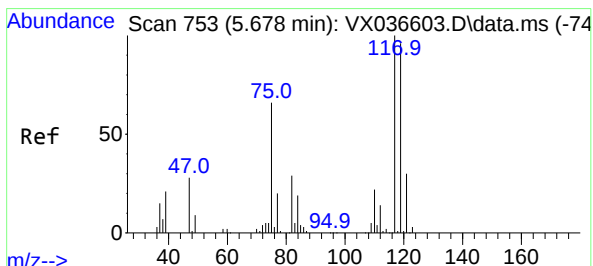
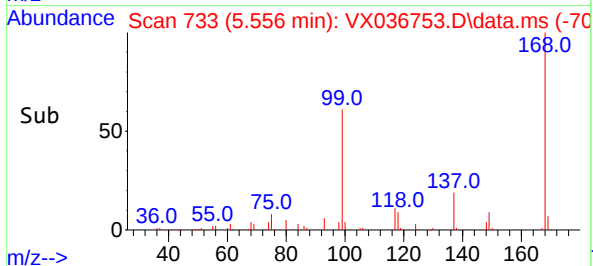
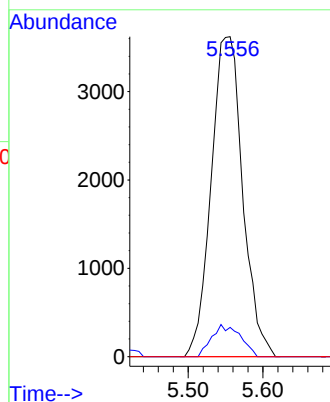
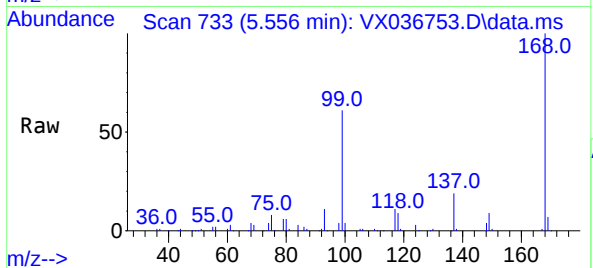




#36
1,1-Dichloropropene
Concen: 4.372 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

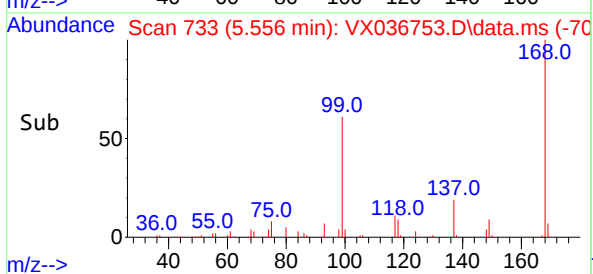
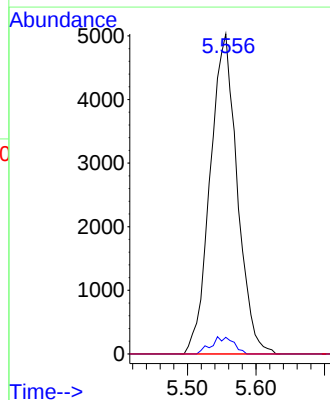
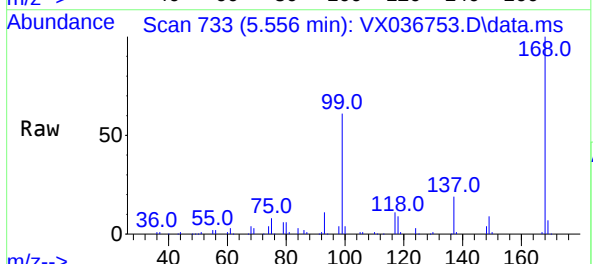
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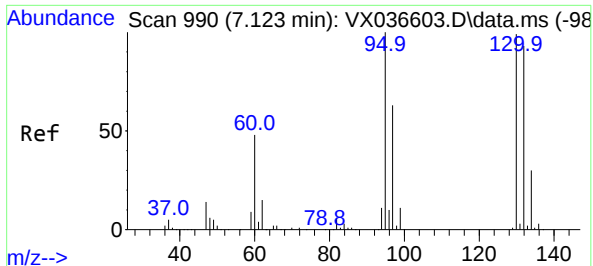
Tgt Ion: 75 Resp: 10613
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.347 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

Tgt Ion: 117 Resp: 13801
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

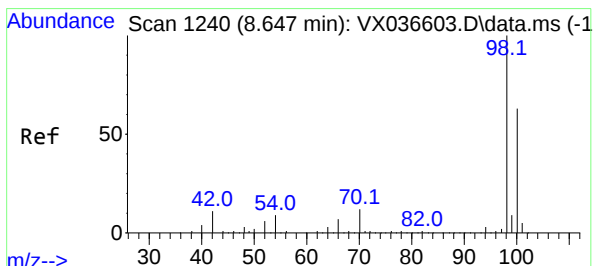
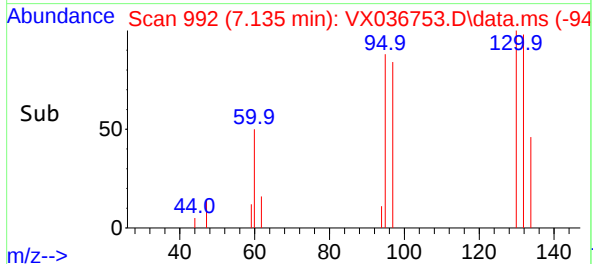
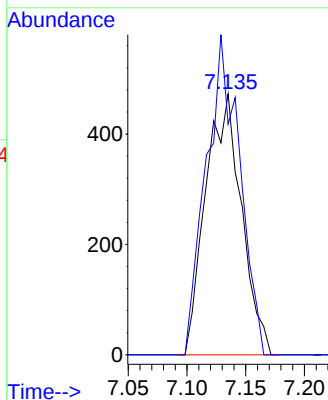
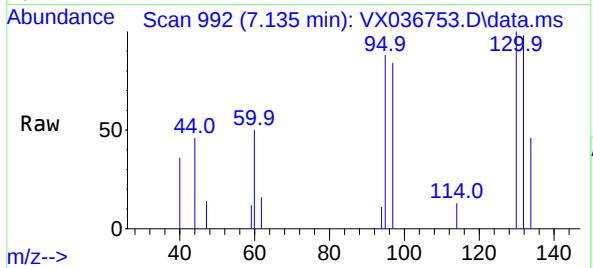




#44
Trichloroethene
Concen: 0.544 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

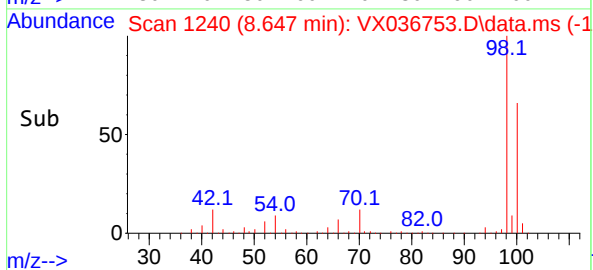
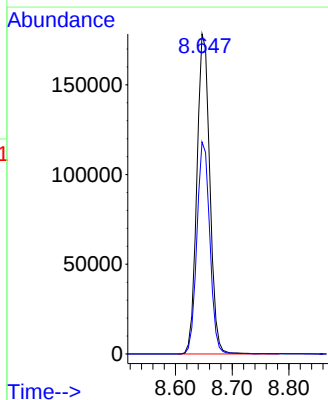
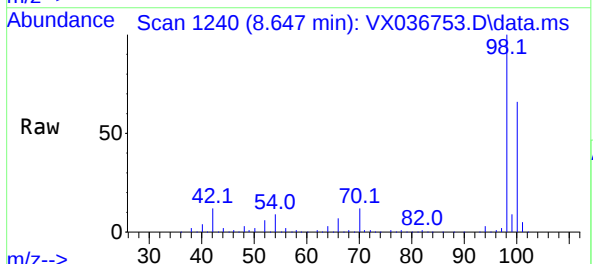
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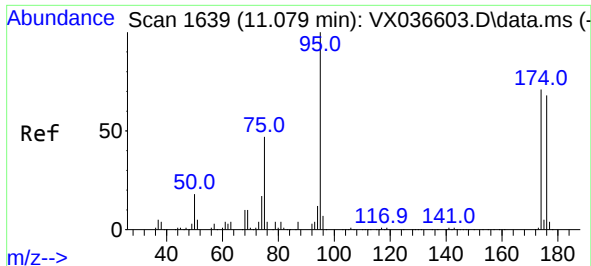
Tgt Ion:130 Resp: 1004
Ion Ratio Lower Upper
130 100
95 88.4 0.0 204.4



#50
Toluene-d8
Concen: 48.900 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

Tgt Ion: 98 Resp: 282457
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

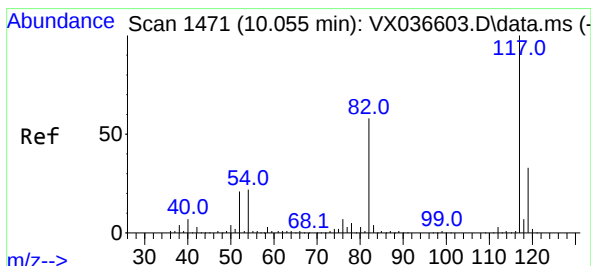
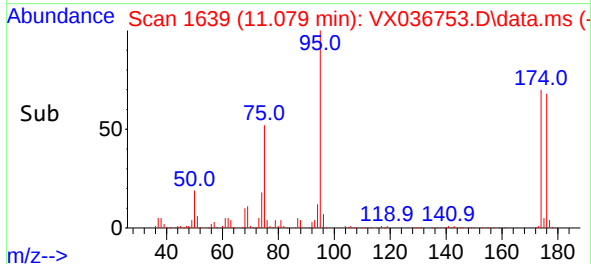
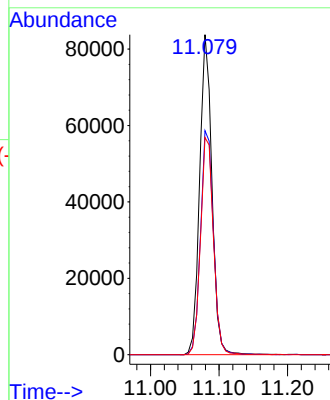
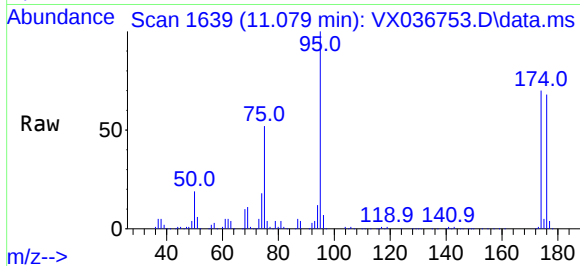




#62
4-Bromofluorobenzene
Concen: 47.995 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

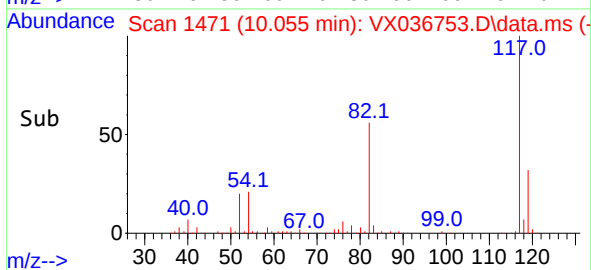
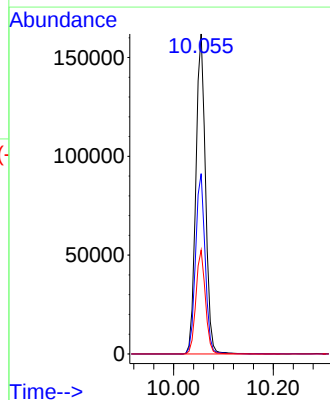
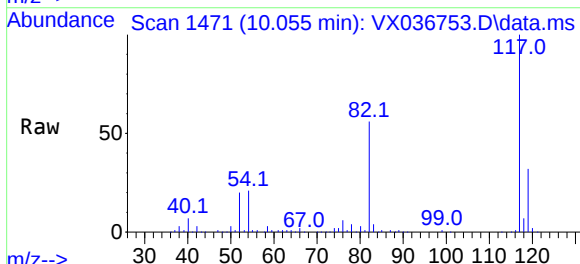
Instrument :
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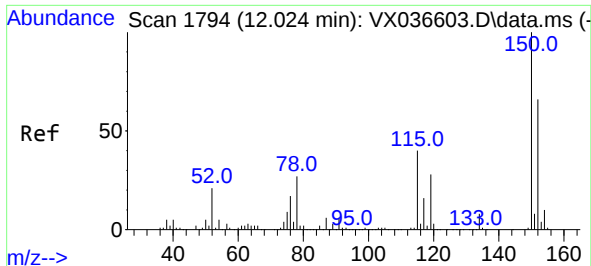
Tgt Ion: 95 Resp: 104593
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

Tgt Ion: 117 Resp: 216958
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.4 25.5 38.3

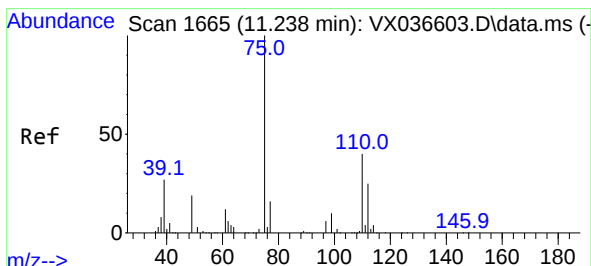
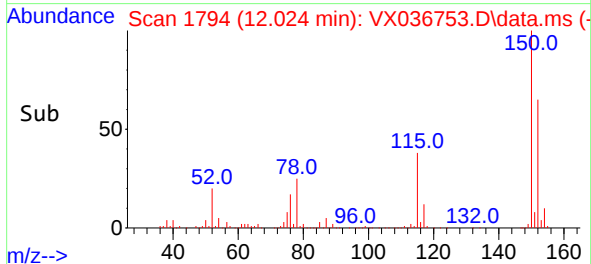
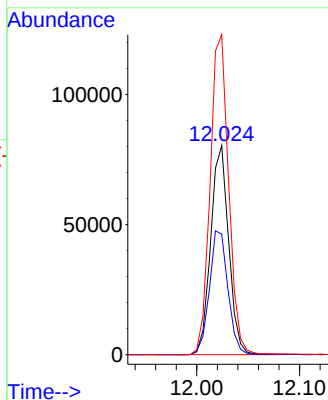
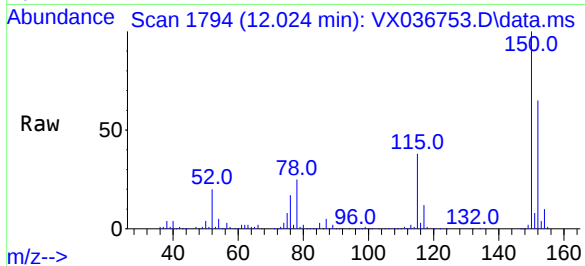




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

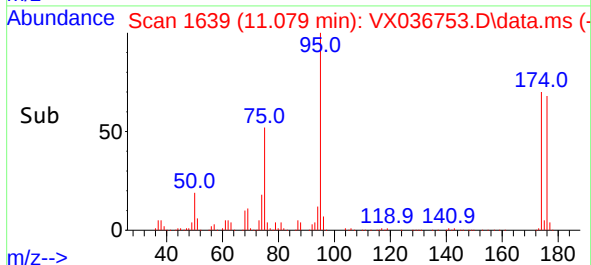
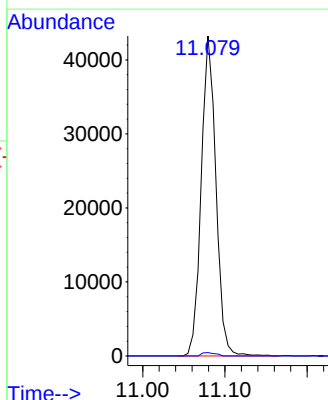
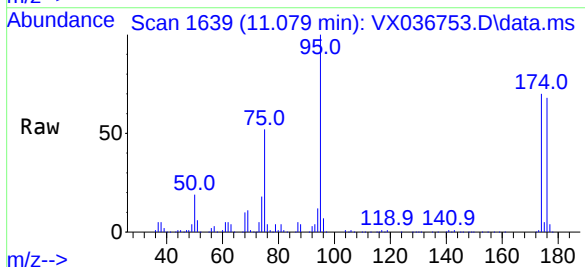
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

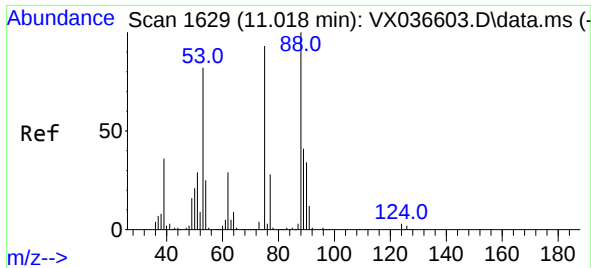
Tgt Ion:152 Resp: 97878
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 157.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

Tgt Ion: 75 Resp: 53677
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 52.846 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX036753.D
Acq: 01 Aug 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

Tgt Ion: 75 Resp: 53677
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

