

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042976.D
 Acq On : 09 Aug 2024 06:49
 Operator : JC/MD
 Sample : P3458-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-360-375

Quant Time: Aug 09 08:35:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

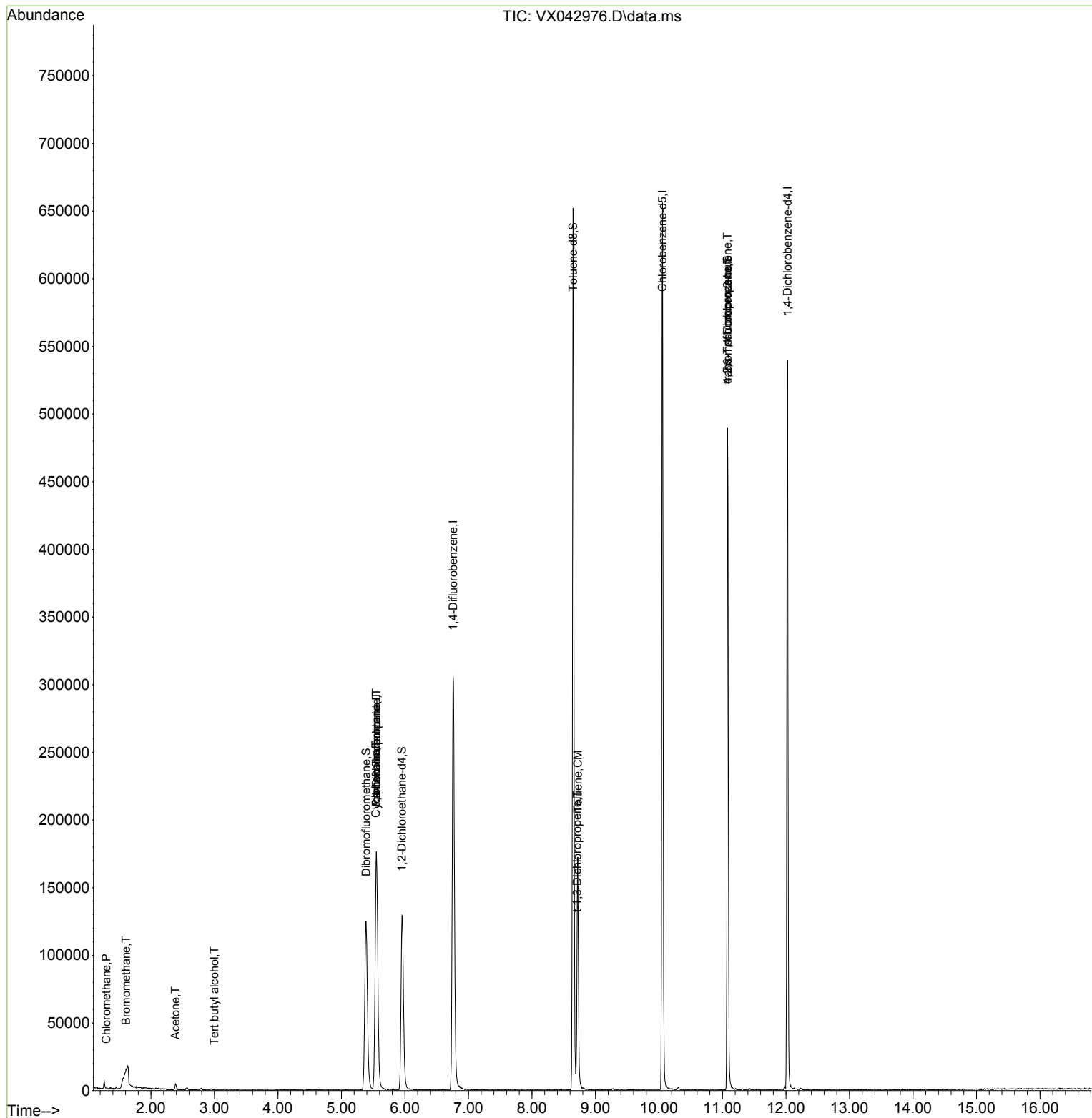
Internal Standards						
1) Pentafluorobenzene	5.550	168	167894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	317512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	130997	56.835	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.680%
35) Dibromofluoromethane	5.385	113	113889	54.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.720%
50) Toluene-d8	8.647	98	390489	52.983	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.960%
62) 4-Bromofluorobenzene	11.079	95	132091	49.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.760%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	697	0.353	ug/l #	78
5) Bromomethane	1.605	94	493	0.435	ug/l #	37
11) Tert butyl alcohol	2.995	59	191	0.417	ug/l #	78
16) Acetone	2.386	43	4672	4.673	ug/l #	89
20) Methylene Chloride	2.788	84	666	Below Cal	#	77
31) Cyclohexane	5.544	56	3589	1.244	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	14511	5.155	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17470	5.498	ug/l #	16
52) Toluene	8.720	92	66387	12.529	ug/l	93
53) t-1,3-Dichloropropene	8.708	75	845	0.302	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68538	26.302	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	68538	85.521	ug/l #	5

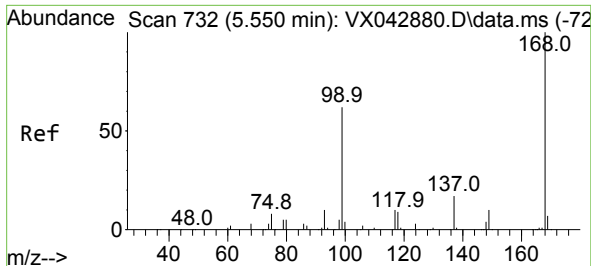
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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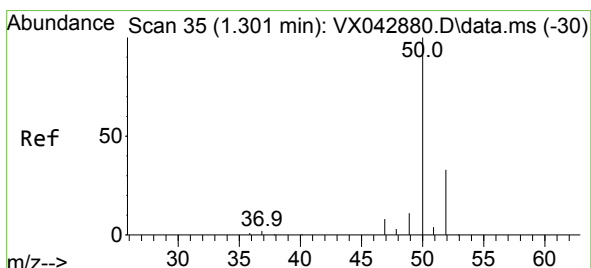
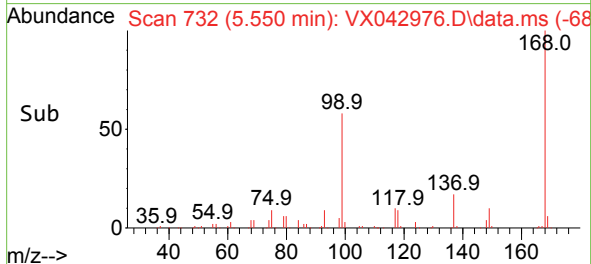
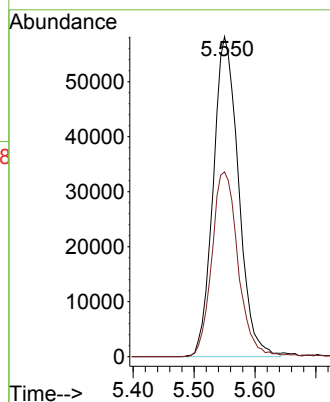
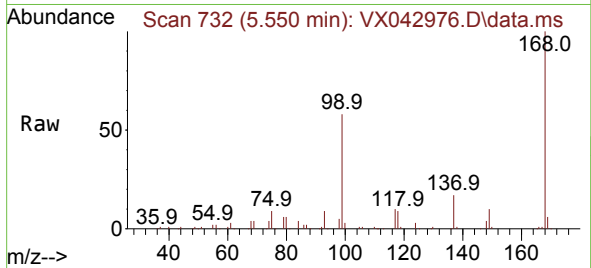




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

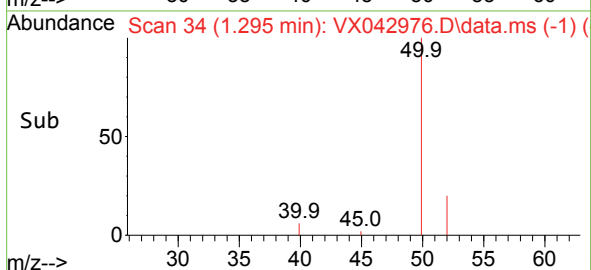
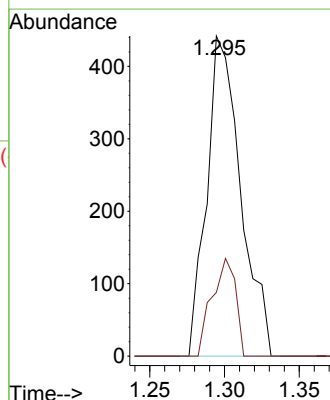
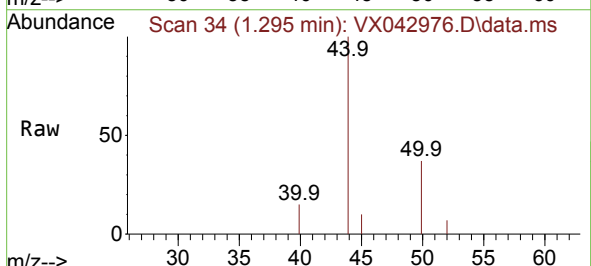
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-360-375

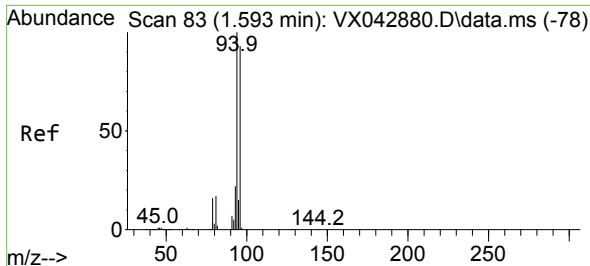
Tgt Ion:168 Resp: 167894
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#3
Chloromethane
Concen: 0.353 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion: 50 Resp: 697
Ion Ratio Lower Upper
50 100
52 19.9 25.5 38.3#

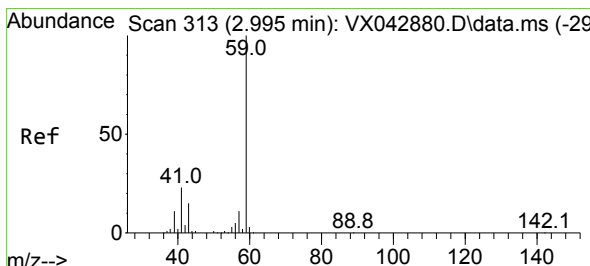
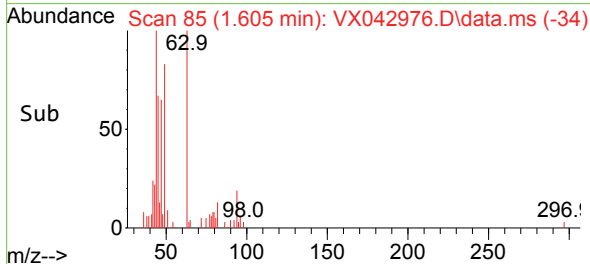
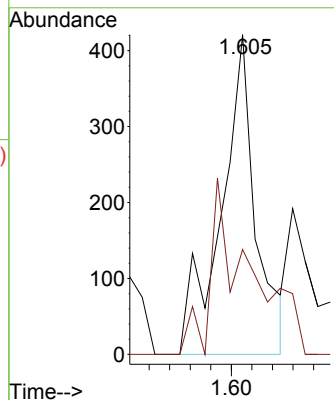
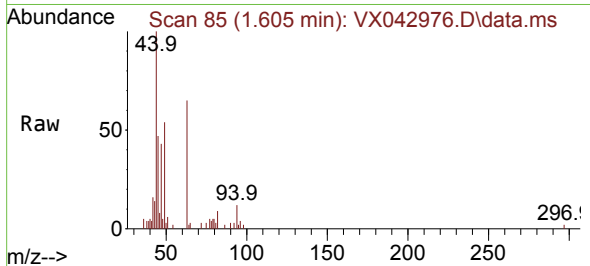




#5
Bromomethane
Concen: 0.435 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

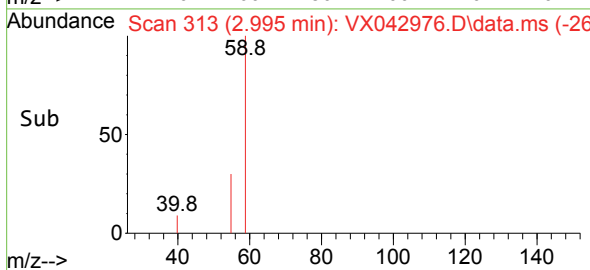
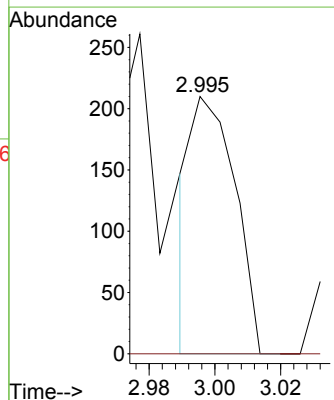
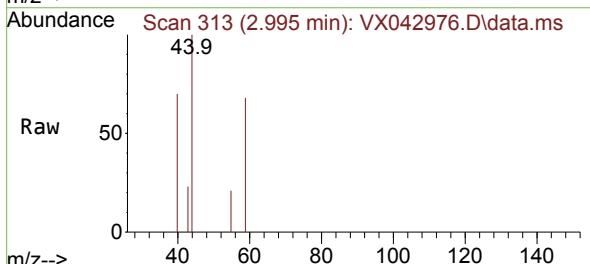
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-360-375

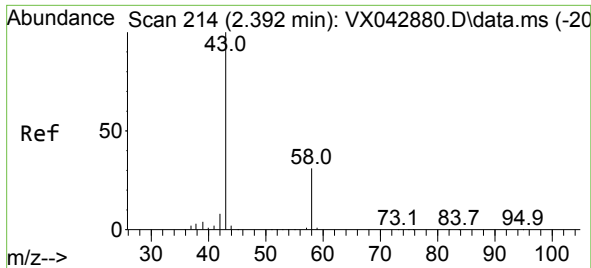
Tgt Ion: 94 Resp: 493
Ion Ratio Lower Upper
94 100
96 32.8 74.6 111.8#



#11
Tert butyl alcohol
Concen: 0.417 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion: 59 Resp: 191
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

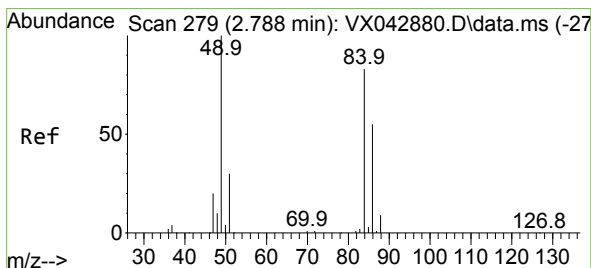
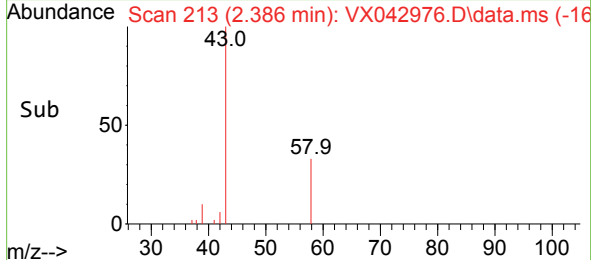
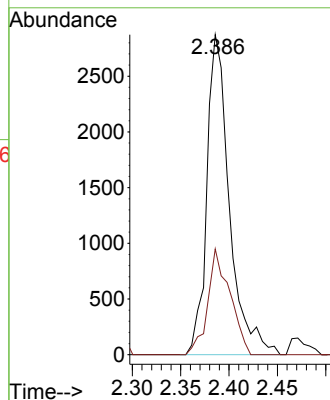
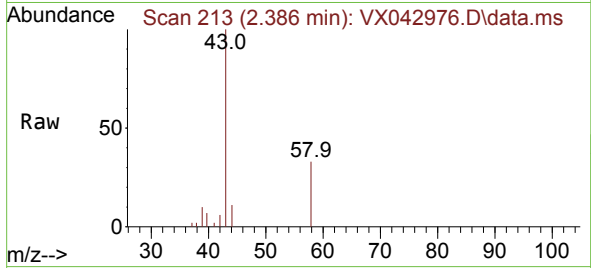




#16
Acetone
Concen: 4.673 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

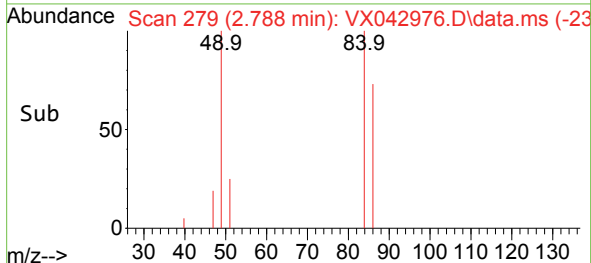
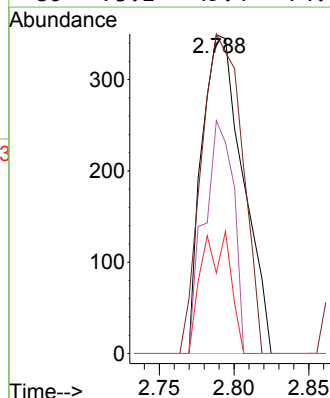
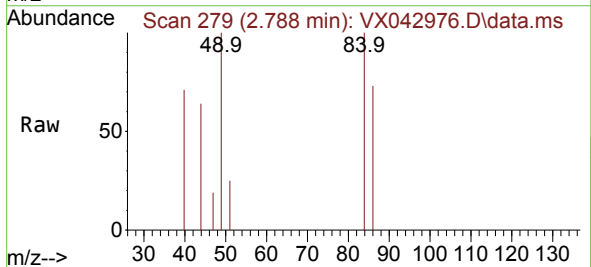
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-360-375

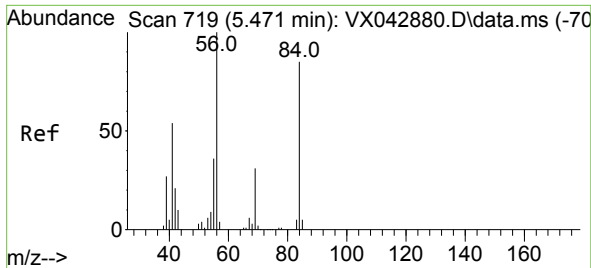
Tgt Ion: 43 Resp: 4672
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

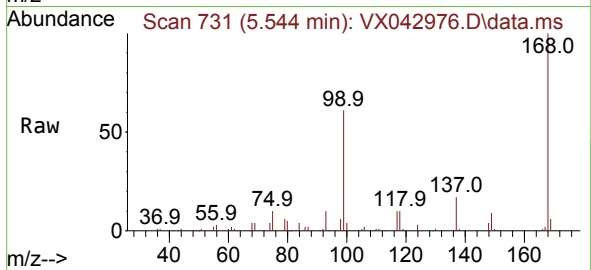
Tgt Ion: 84 Resp: 666
Ion Ratio Lower Upper
84 100
49 100.3 103.6 155.4#
51 25.2 33.8 50.6#
86 73.1 49.4 74.0



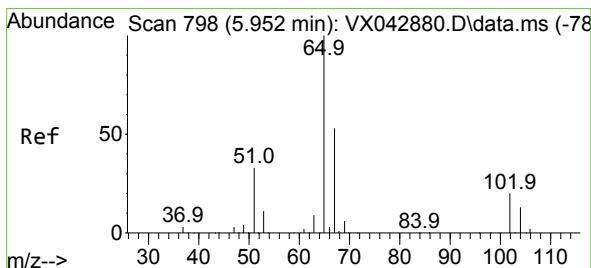
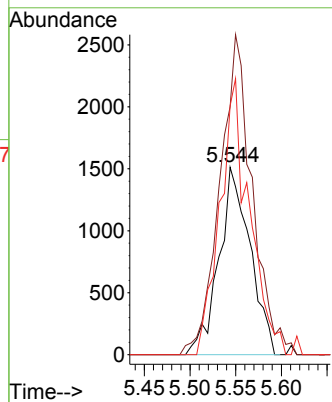
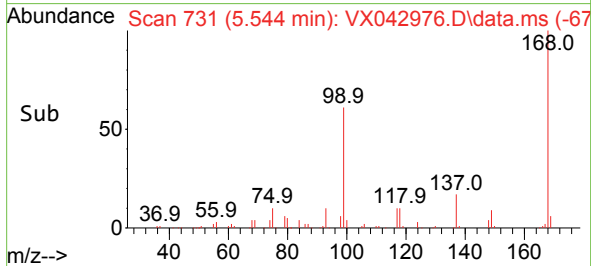


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Instrument :
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ClientSampleId :
MLS-15-360-375

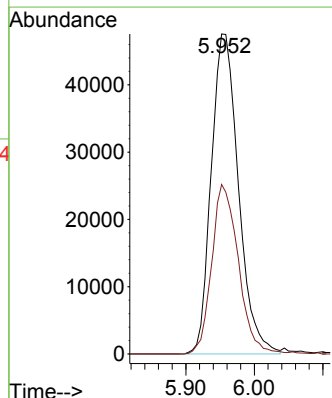
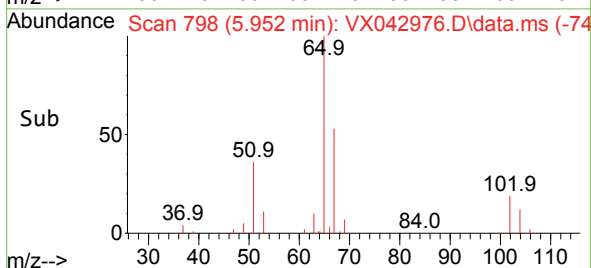
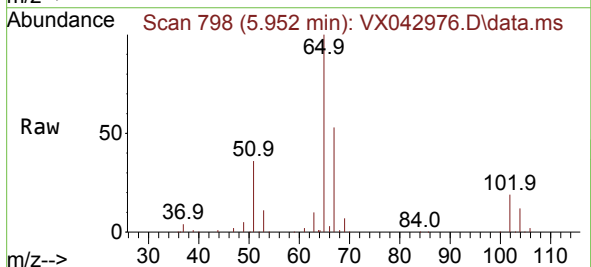


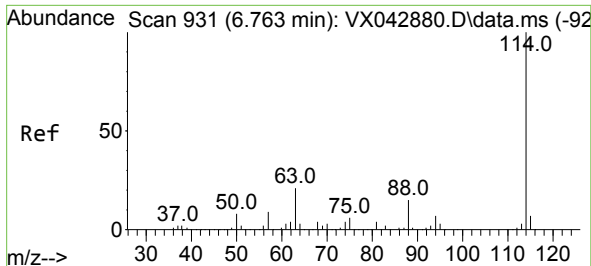
Tgt Ion: 56 Resp: 3589
Ion Ratio Lower Upper
56 100
69 132.3 23.4 35.2#
84 132.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 56.835 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion: 65 Resp: 130997
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

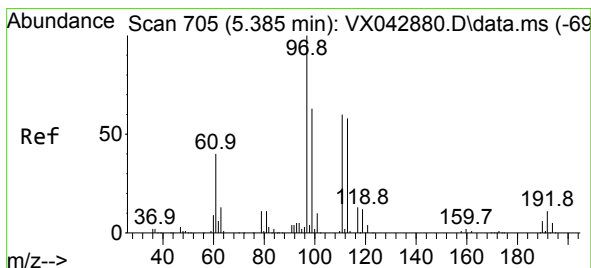
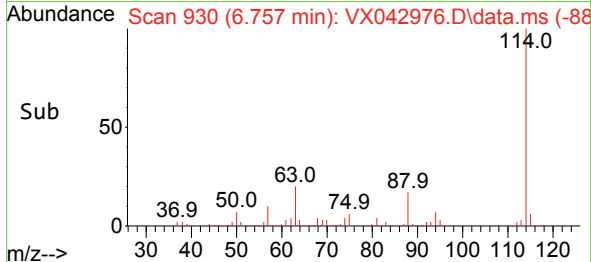
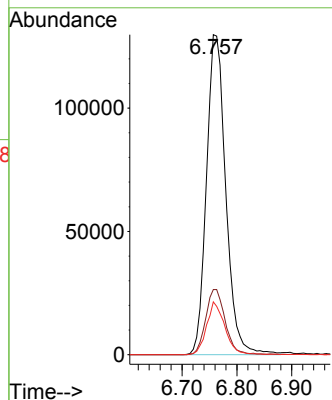
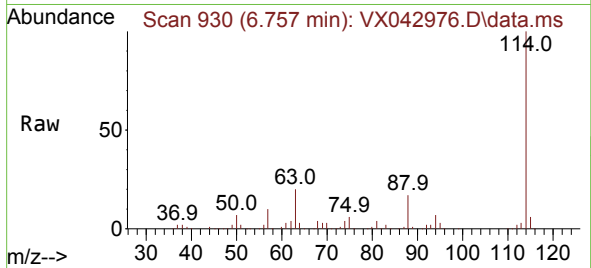




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

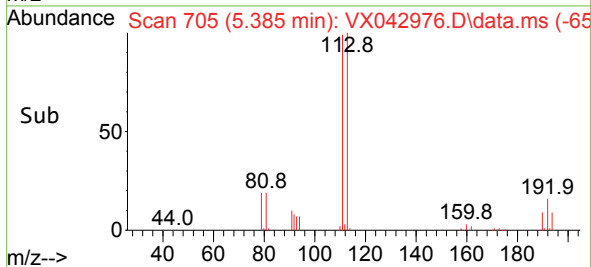
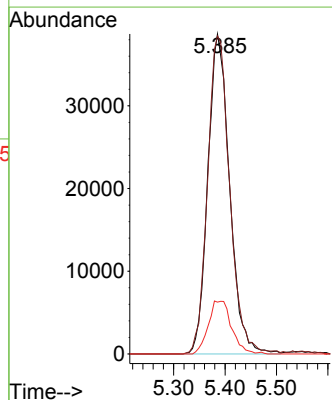
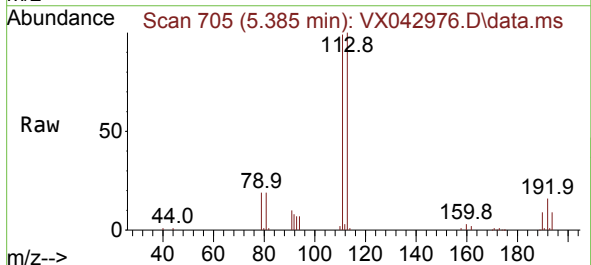
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-360-375

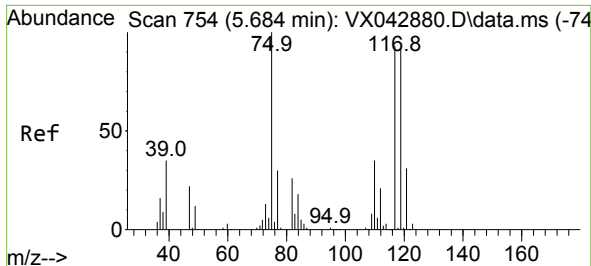
Tgt Ion:114 Resp: 317512
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.859 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion:113 Resp: 113889
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 17.8 13.3 19.9

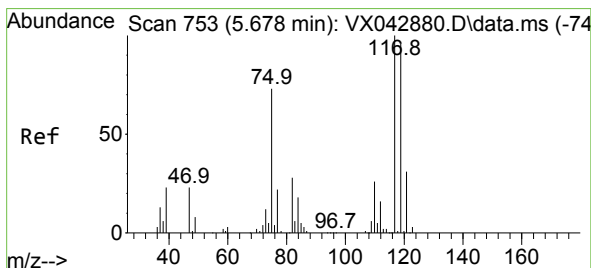
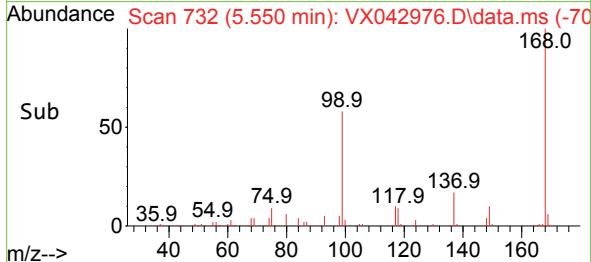
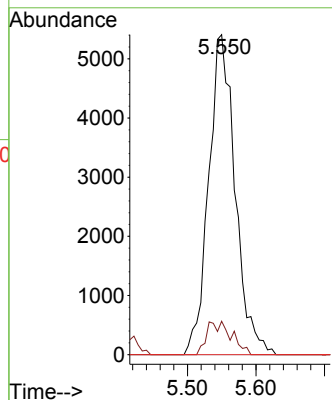
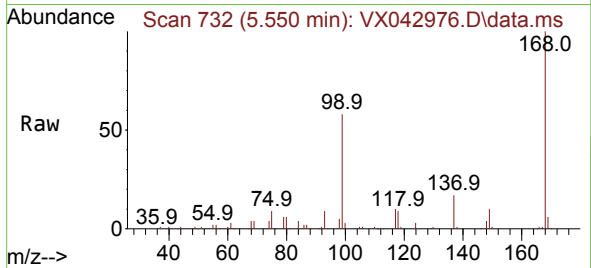




#36
1,1-Dichloropropene
Concen: 5.155 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

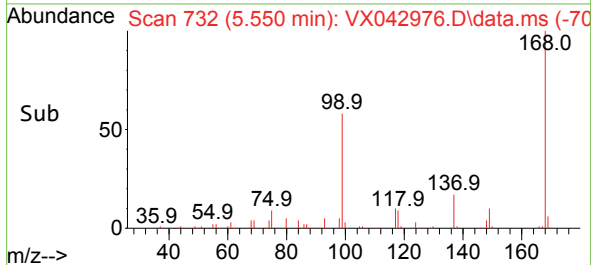
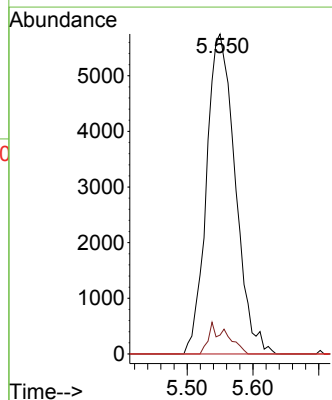
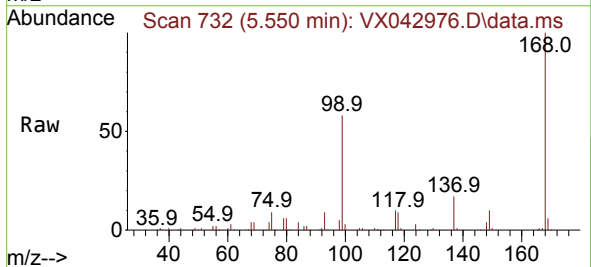
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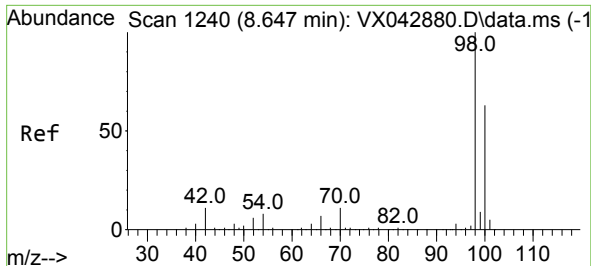
Tgt Ion: 75 Resp: 14511
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.498 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion: 117 Resp: 17470
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

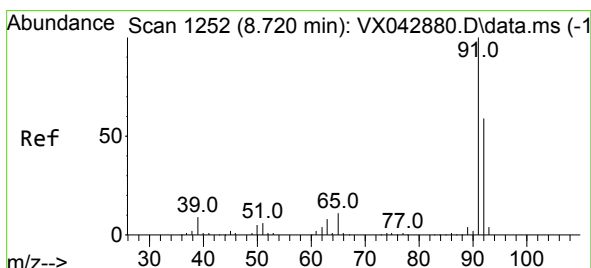
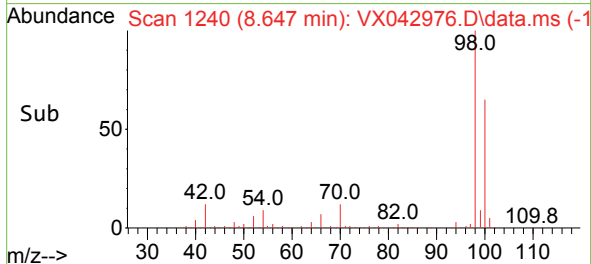
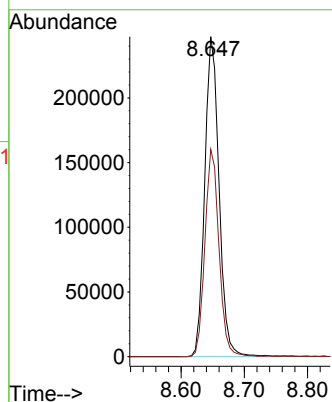
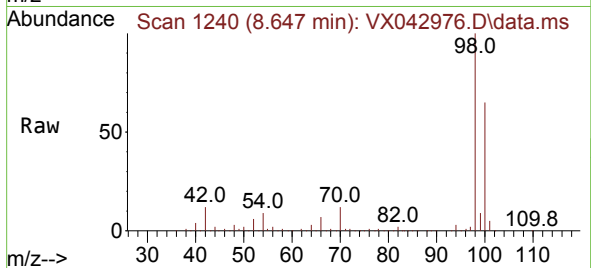




#50
Toluene-d8
Concen: 52.983 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

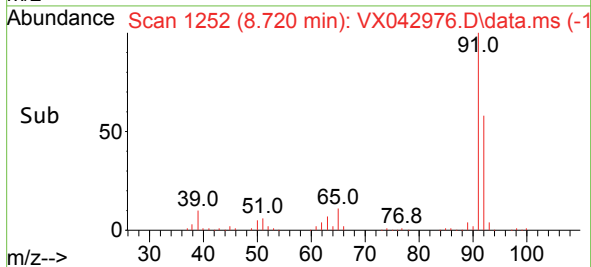
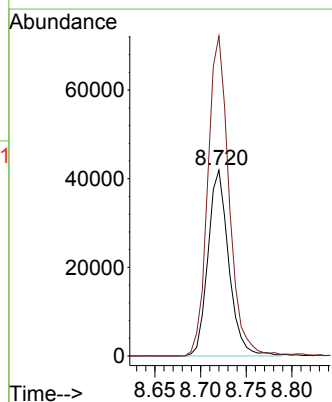
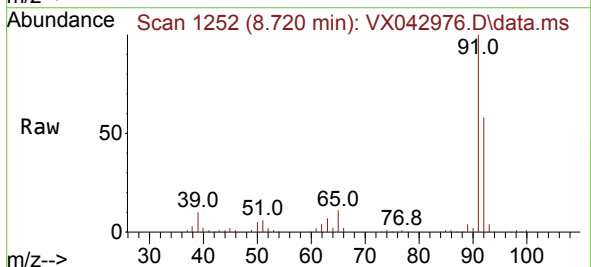
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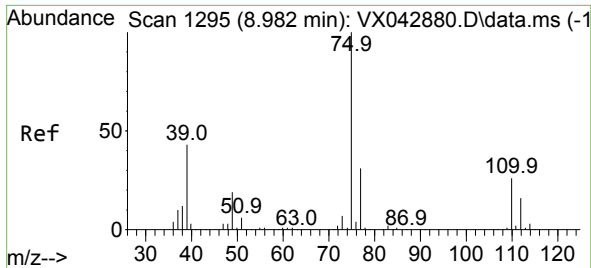
Tgt Ion: 98 Resp: 390489
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#52
Toluene
Concen: 12.529 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion: 92 Resp: 66387
Ion Ratio Lower Upper
92 100
91 176.8 134.2 201.2

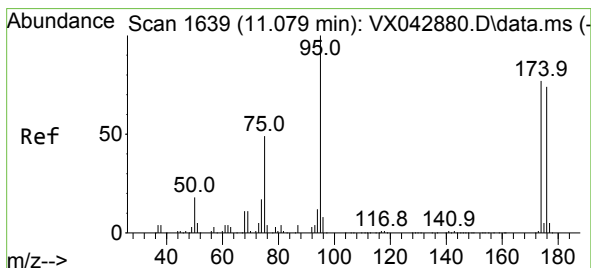
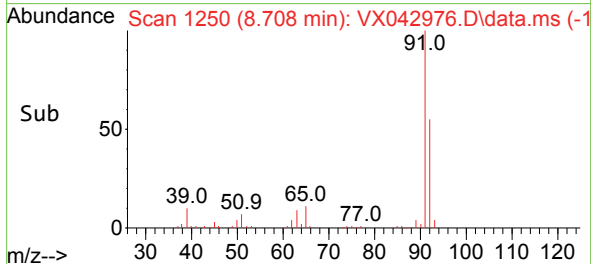
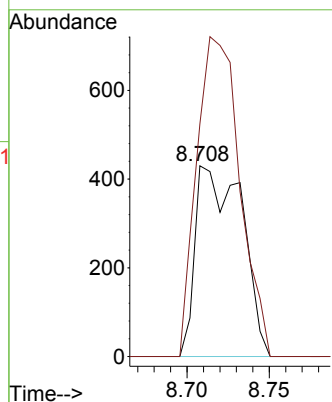
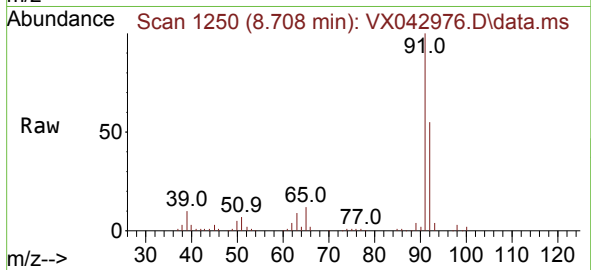




#53
t-1,3-Dichloropropene
Concen: 0.302 ug/l
RT: 8.708 min Scan# 11
Delta R.T. -0.274 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

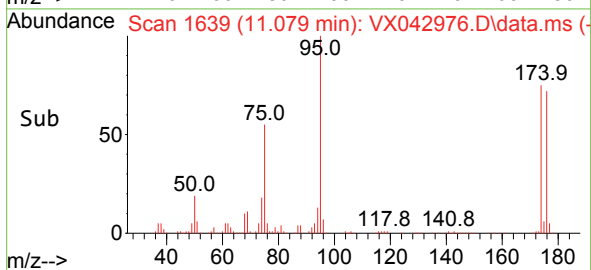
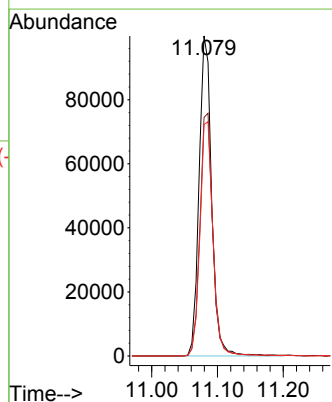
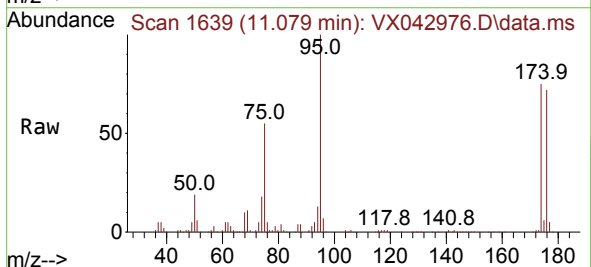
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-360-375

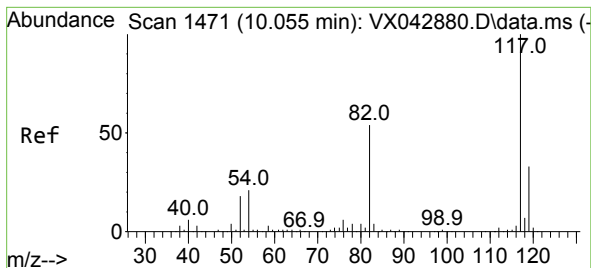
Tgt Ion: 75 Resp: 845
Ion Ratio Lower Upper
75 100
77 121.9 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 49.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion: 95 Resp: 132091
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 75.5 0.0 131.0

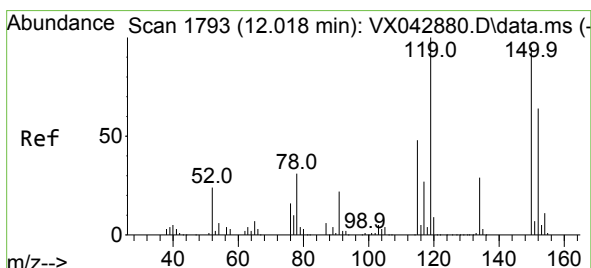
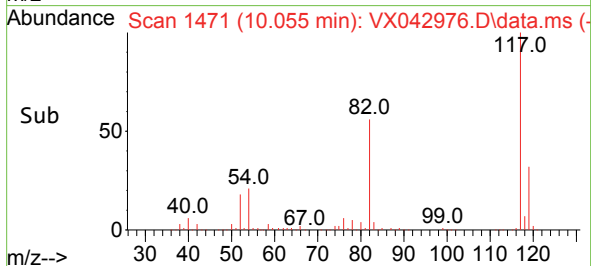
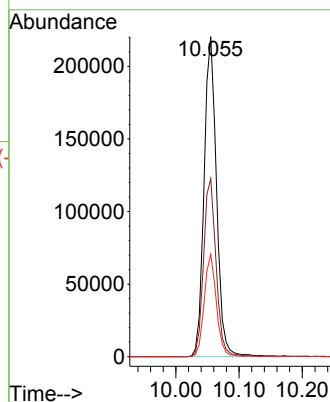
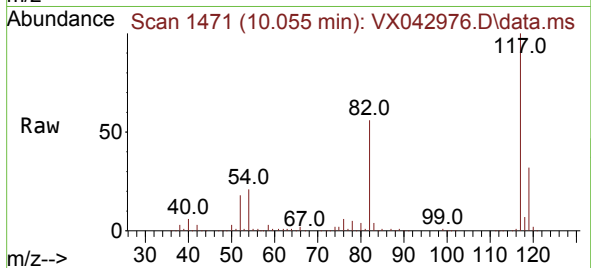




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

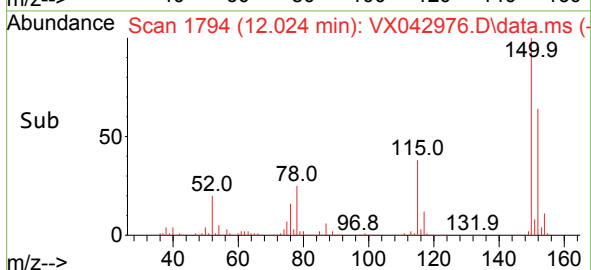
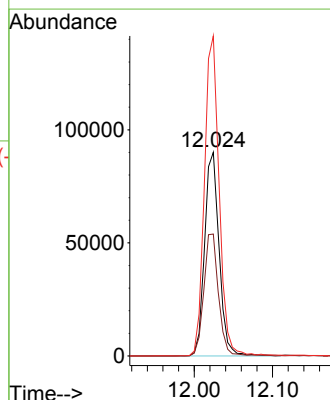
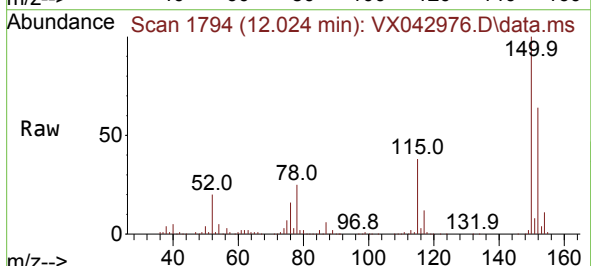
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-360-375

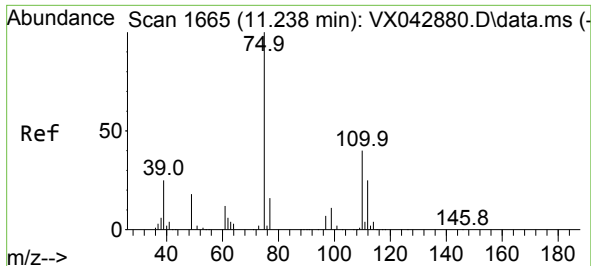
Tgt Ion:117 Resp: 303213
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion:152 Resp: 115867
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 159.2 0.0 345.0

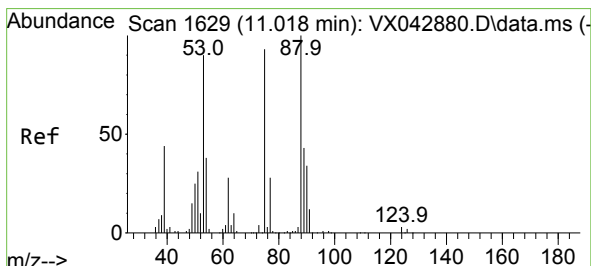
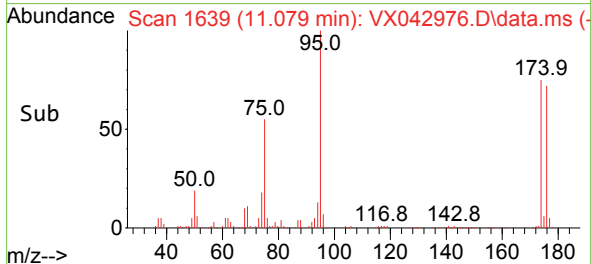
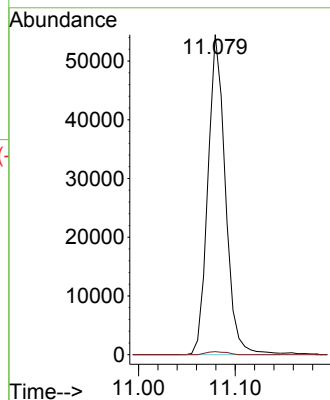
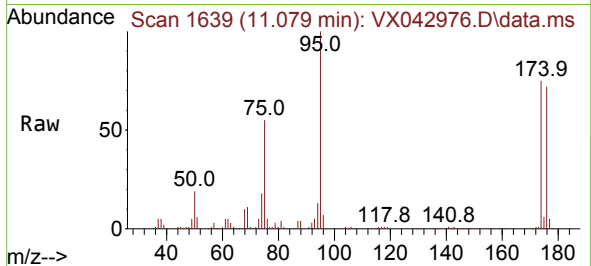




#76
1,2,3-Trichloropropane
Concen: 26.302 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Instrument :
MSVOA_X
ClientSampleId :
MLS-15-360-375

Tgt Ion: 75 Resp: 68538
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.521 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion: 75 Resp: 68538
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

