

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042979.D
 Acq On : 09 Aug 2024 07:59
 Operator : JC/MD
 Sample : P3469-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-513-528

Quant Time: Aug 09 08:56:59 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

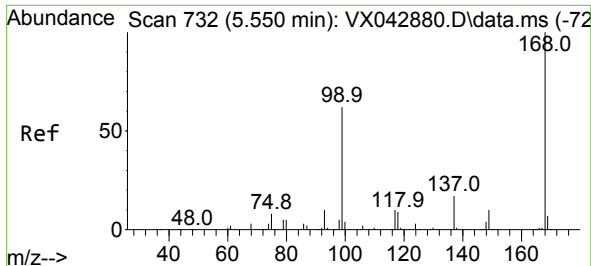
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	152850	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	288119	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125352	59.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	119.480%#
35) Dibromofluoromethane	5.391	113	104077	55.247	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.500%
50) Toluene-d8	8.647	98	358600	53.620	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.240%
62) 4-Bromofluorobenzene	11.079	95	121492	50.554	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.100%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	1179	0.657	ug/l	# 79
5) Bromomethane	1.618	94	690	0.669	ug/l	# 70
11) Tert butyl alcohol	3.002	59	251	0.601	ug/l	# 78
16) Acetone	2.386	43	30276	33.266	ug/l	# 80
18) Methyl Acetate	2.697	43	767	0.266	ug/l	# 53
20) Methylene Chloride	2.788	84	457	Below Cal		91
25) 2-Butanone	4.605	43	614	0.430	ug/l	# 51
31) Cyclohexane	5.544	56	3293	1.254	ug/l	# 20
36) 1,1-Dichloropropene	5.556	75	11793	4.617	ug/l	# 48
38) Carbon Tetrachloride	5.550	117	15946	5.531	ug/l	# 17
49) 1,4-Dioxane	7.458	88	27	0.537	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.592	43	1146	0.362	ug/l	90
52) Toluene	8.720	92	268710	55.884	ug/l	97
53) t-1,3-Dichloropropene	8.714	75	2999	1.183	ug/l	# 1
68) m/p-Xylenes	10.305	106	834	0.220	ug/l	75
76) 1,2,3-Trichloropropane	11.079	75	62860	25.610	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	62860	83.273	ug/l	# 5

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

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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

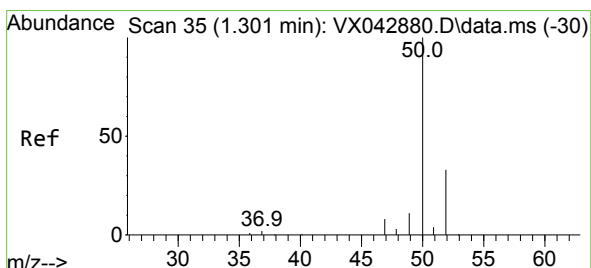
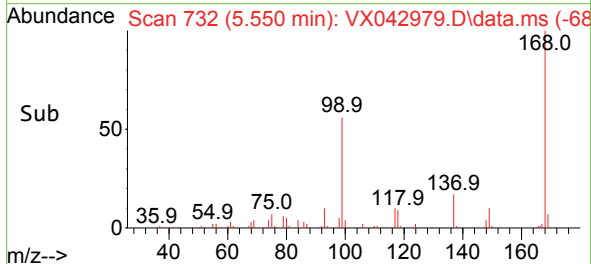
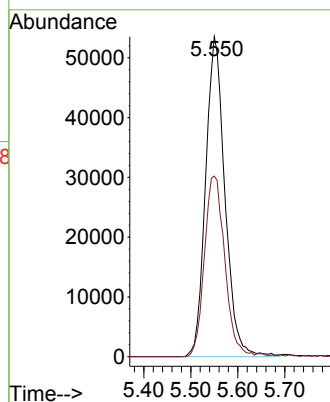
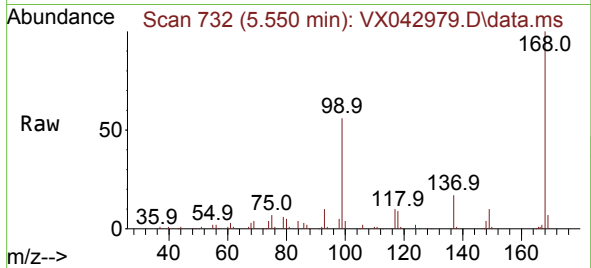




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

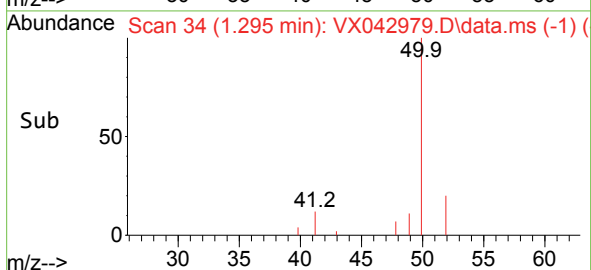
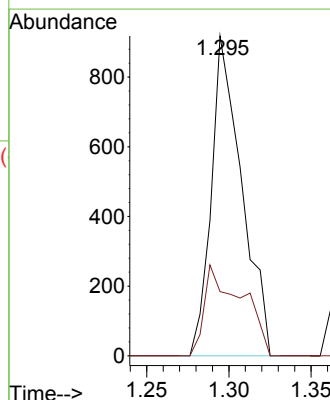
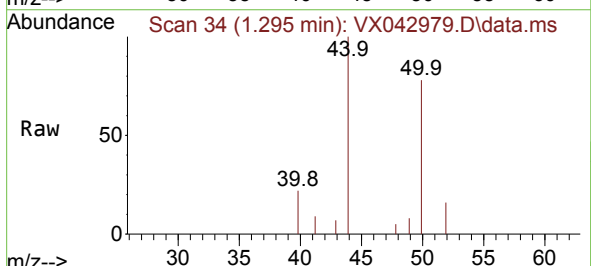
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-513-528

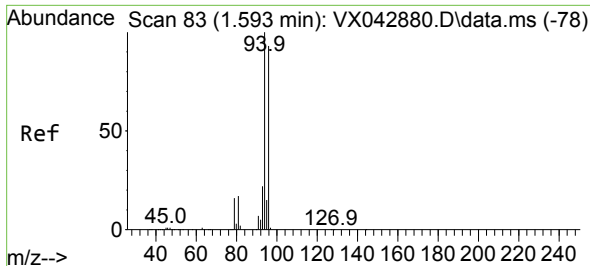
Tgt Ion:168 Resp: 152850
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#3
Chloromethane
Concen: 0.657 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

Tgt Ion: 50 Resp: 1179
Ion Ratio Lower Upper
50 100
52 20.0 25.5 38.3#

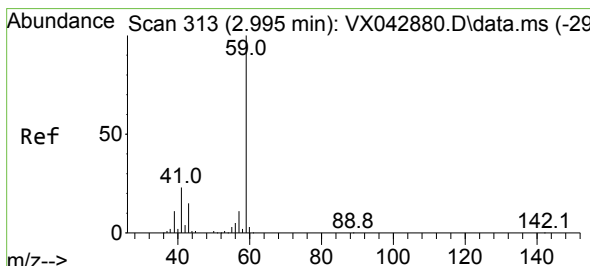
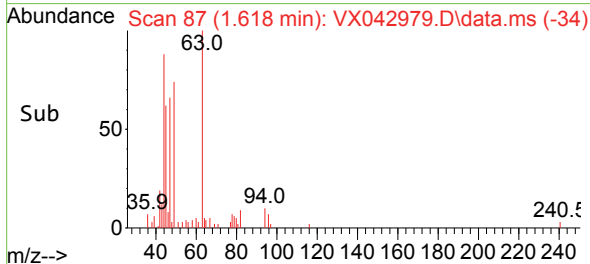
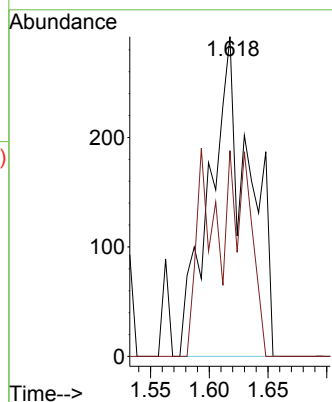
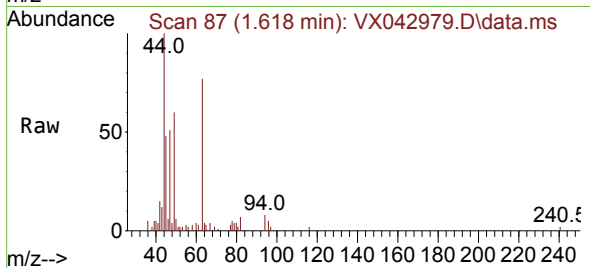




#5
Bromomethane
Concen: 0.669 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.024 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

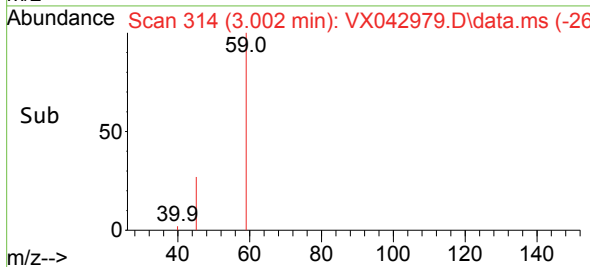
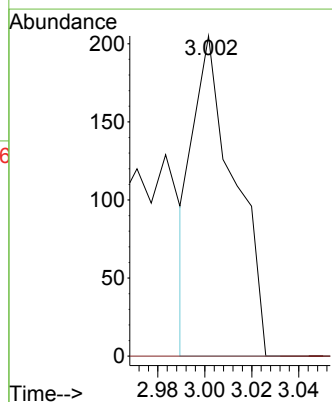
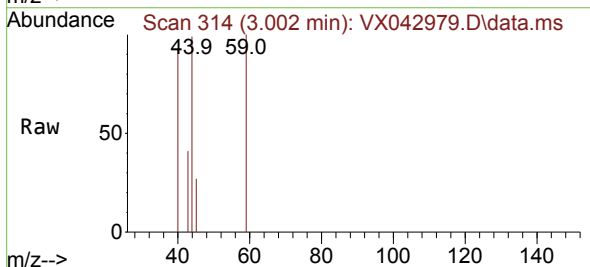
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-513-528

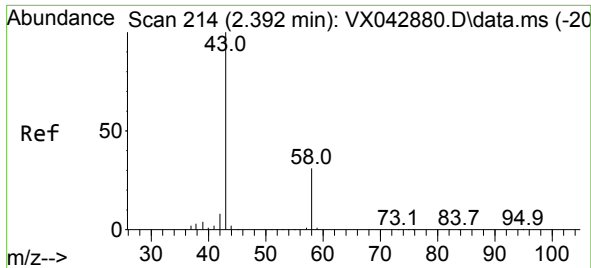
Tgt Ion: 94 Resp: 690
Ion Ratio Lower Upper
94 100
96 64.4 74.6 111.8#



#11
Tert butyl alcohol
Concen: 0.601 ug/l
RT: 3.002 min Scan# 314
Delta R.T. 0.006 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

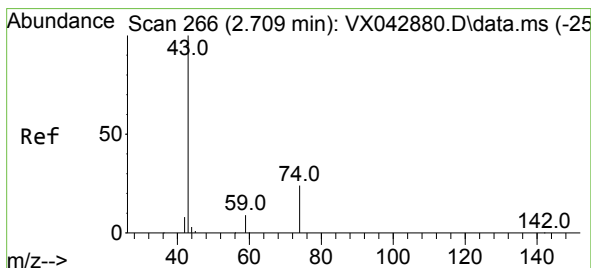
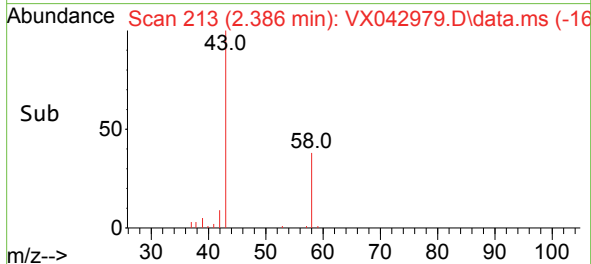
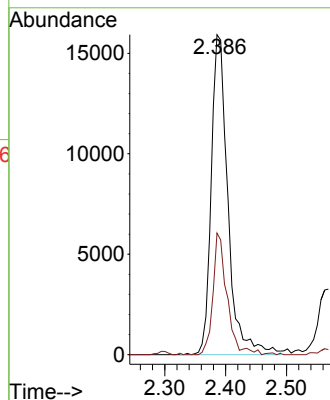
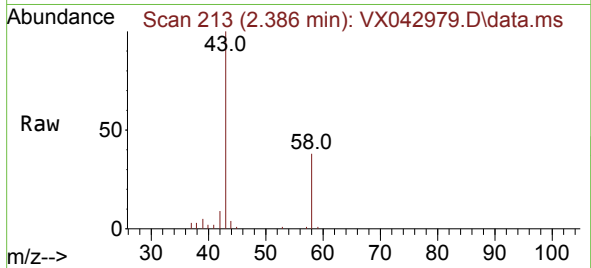




#16
Acetone
Concen: 33.266 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

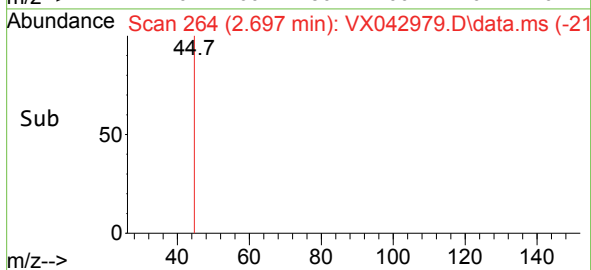
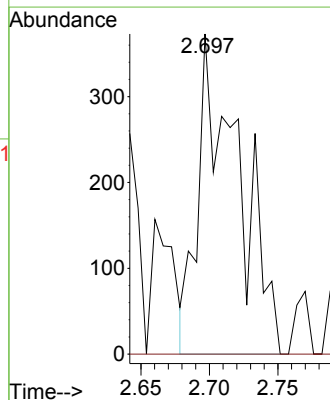
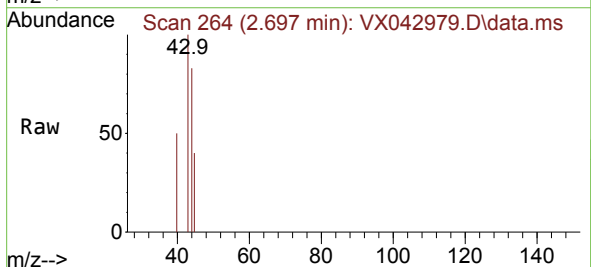
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-513-528

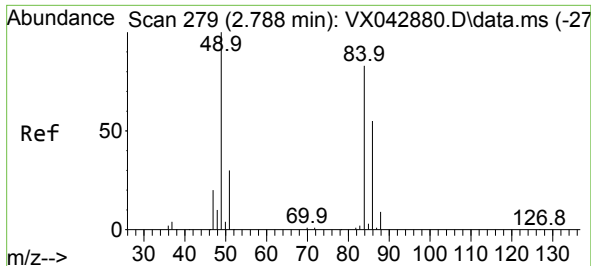
Tgt Ion: 43 Resp: 30276
Ion Ratio Lower Upper
43 100
58 37.6 21.9 32.9#



#18
Methyl Acetate
Concen: 0.266 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.012 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042979.D

Acq: 09 Aug 2024 07:59

Instrument :

MSVOA_X

ClientSampleId :

MLS-15-513-528

Tgt Ion: 84 Resp: 457

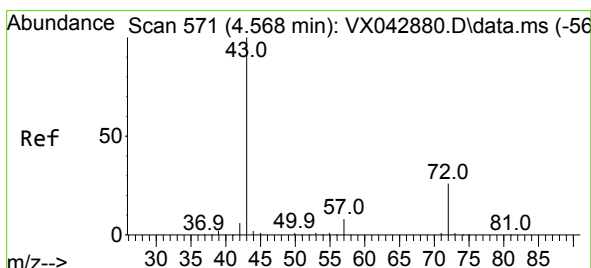
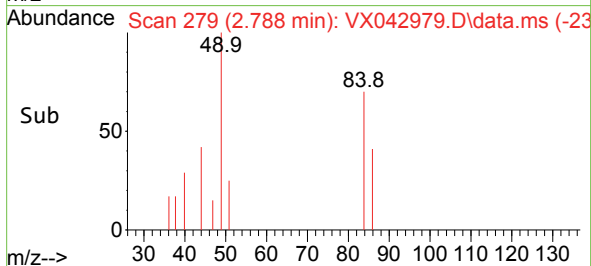
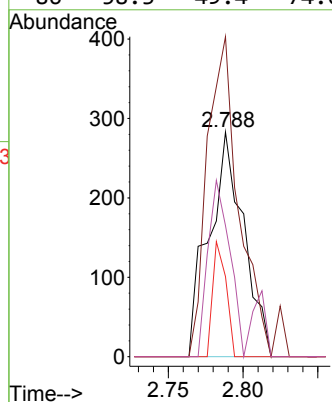
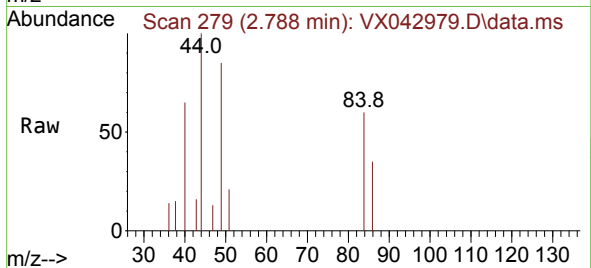
Ion Ratio Lower Upper

84 100

49 142.4 103.6 155.4

51 35.7 33.8 50.6

86 58.3 49.4 74.0



#25

2-Butanone

Concen: 0.430 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.037 min

Lab File: VX042979.D

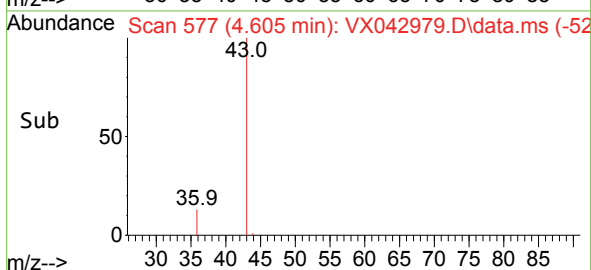
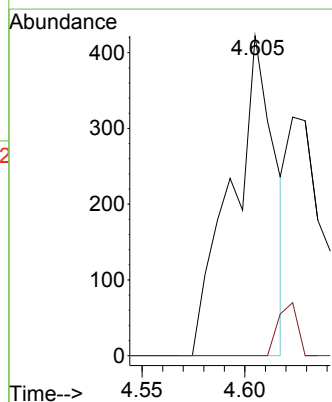
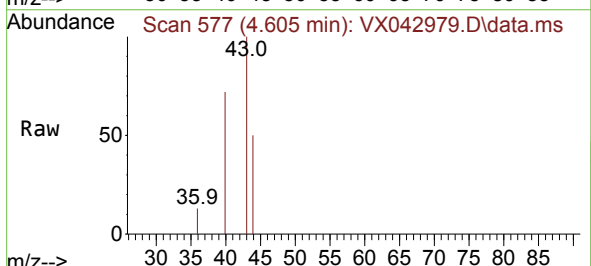
Acq: 09 Aug 2024 07:59

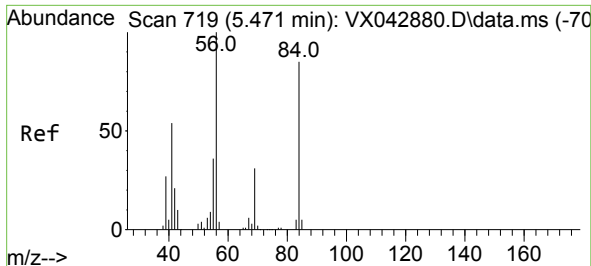
Tgt Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

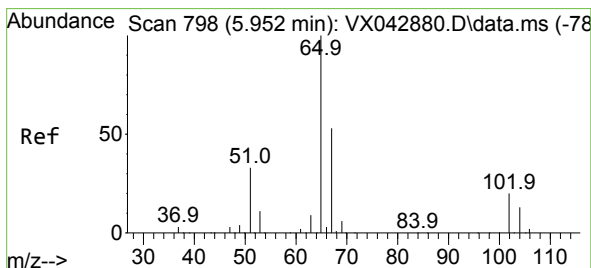
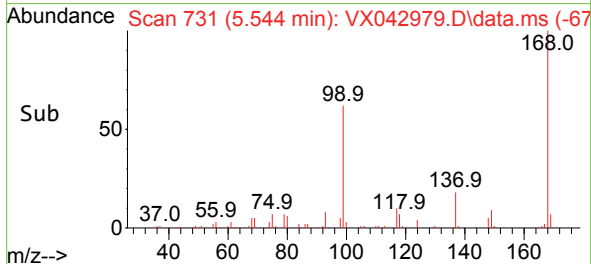
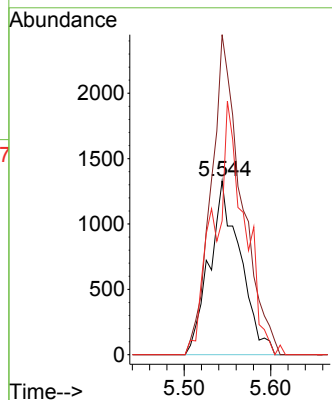
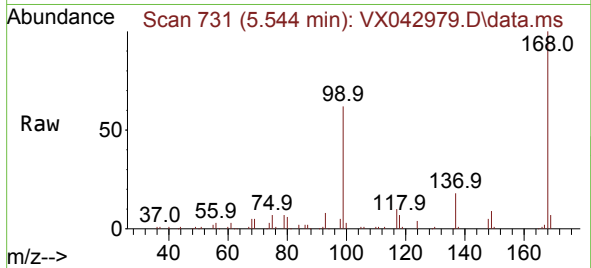




#31
Cyclohexane
Concen: 1.254 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

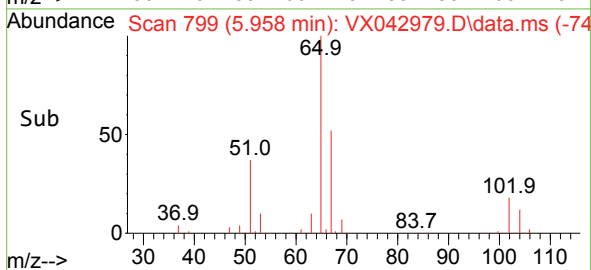
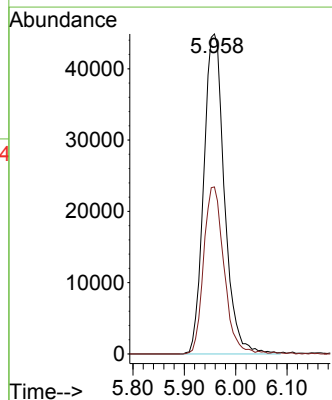
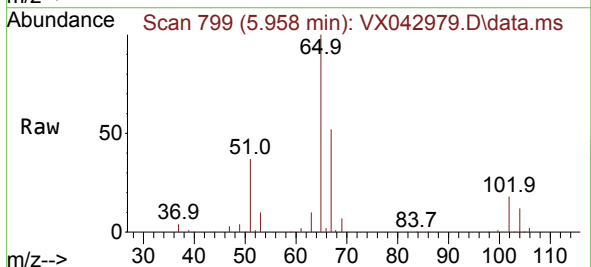
Instrument :
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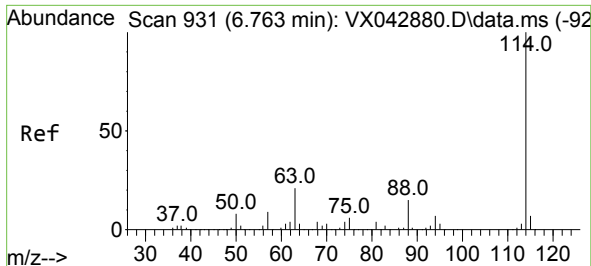
Tgt Ion: 56 Resp: 3293
Ion Ratio Lower Upper
56 100
69 184.2 23.4 35.2#
84 77.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 59.739 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

Tgt Ion: 65 Resp: 125352
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

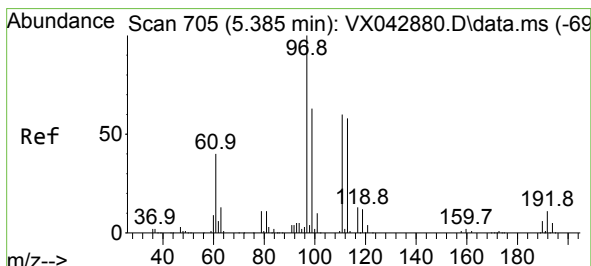
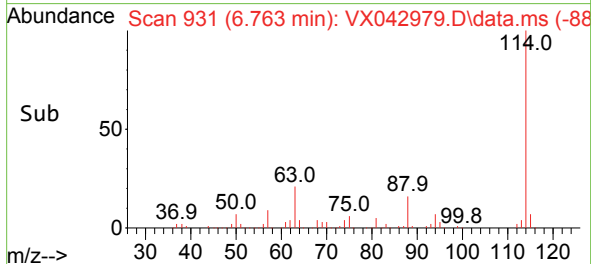
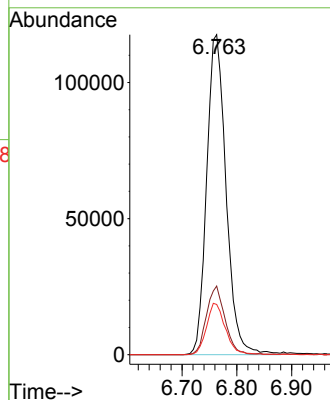
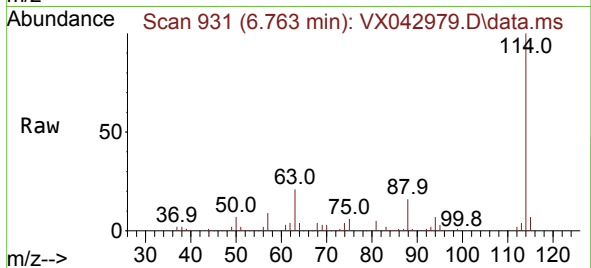




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

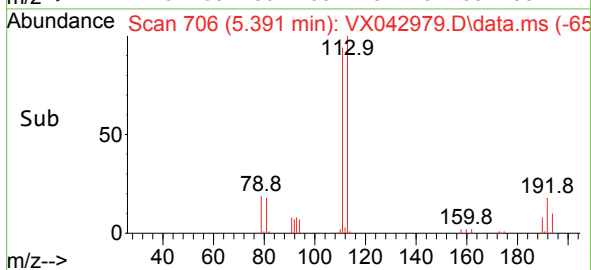
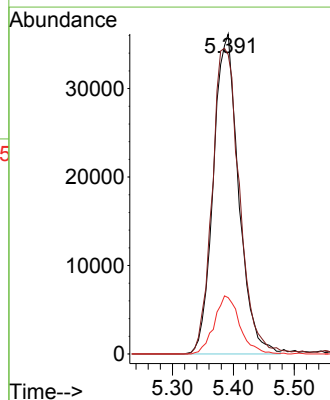
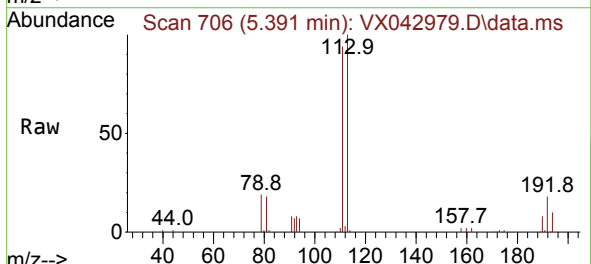
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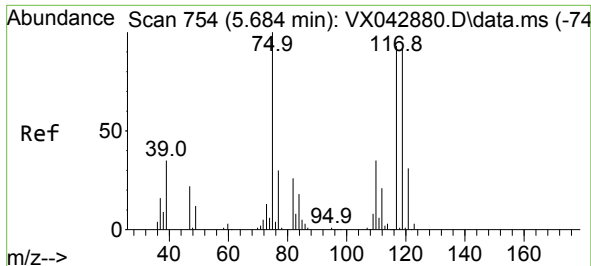
Tgt Ion:114 Resp: 288119
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 55.247 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

Tgt Ion:113 Resp: 104077
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.4 13.3 19.9

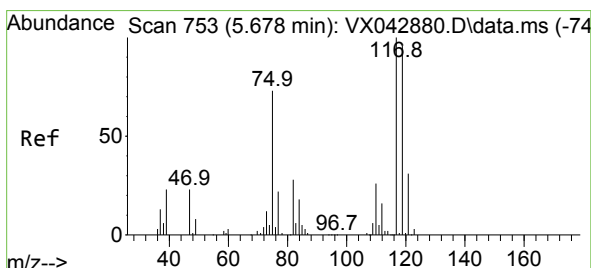
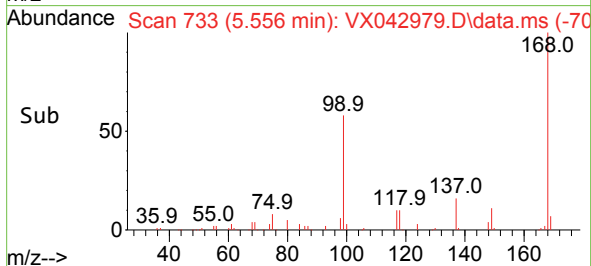
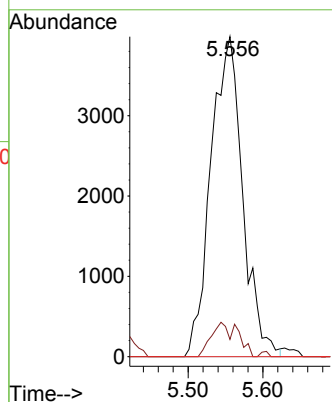
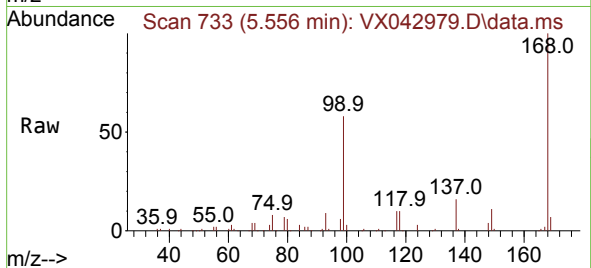




#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

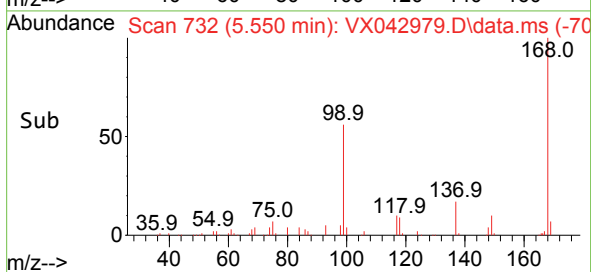
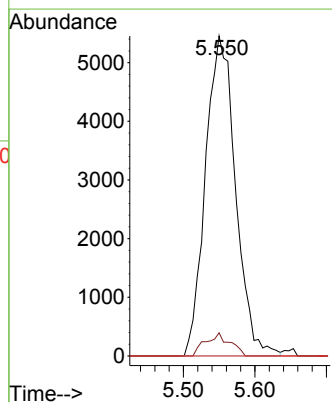
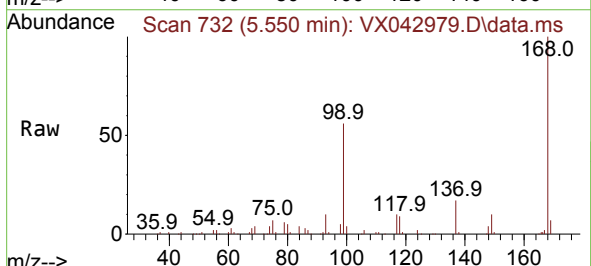
Instrument :
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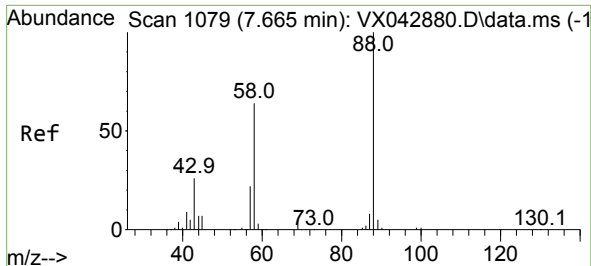
Tgt Ion: 75 Resp: 11793
Ion Ratio Lower Upper
75 100
110 5.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.531 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

Tgt Ion: 117 Resp: 15946
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.2#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 0.537 ug/l

RT: 7.458 min Scan# 1045

Delta R.T. -0.207 min

Lab File: VX042979.D

Acq: 09 Aug 2024 07:59

Instrument :

MSVOA_X

ClientSampleId :

MLS-15-513-528

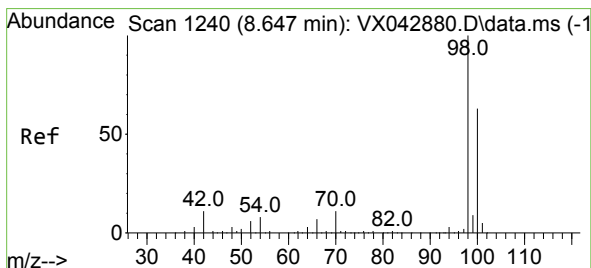
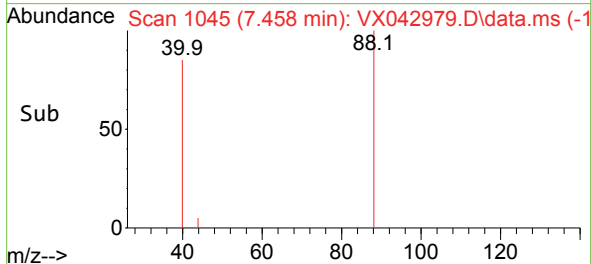
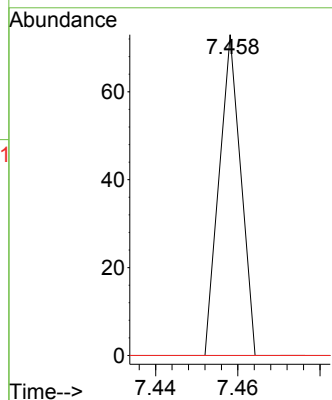
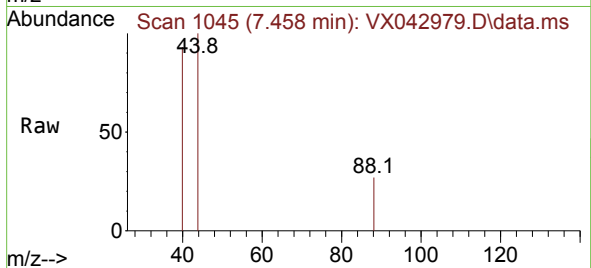
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 60.1 90.1#



#50

Toluene-d8

Concen: 53.620 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042979.D

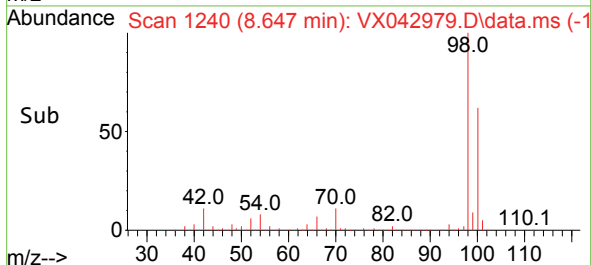
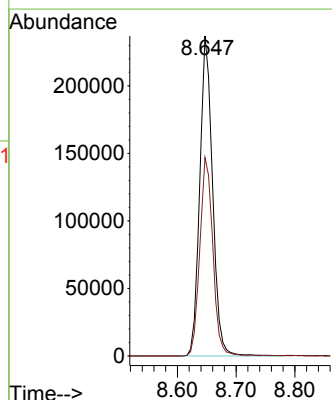
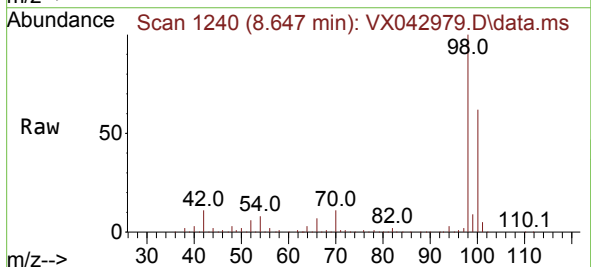
Acq: 09 Aug 2024 07:59

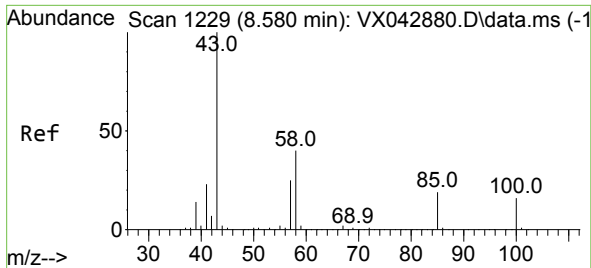
Tgt Ion: 98 Resp: 358600

Ion Ratio Lower Upper

98 100

100 63.2 53.1 79.7

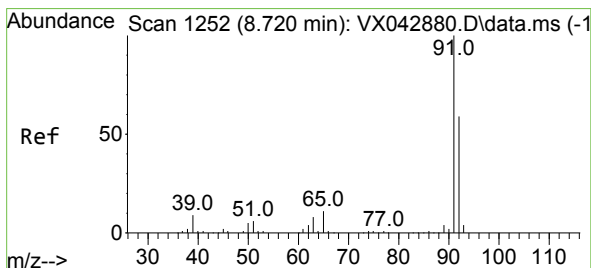
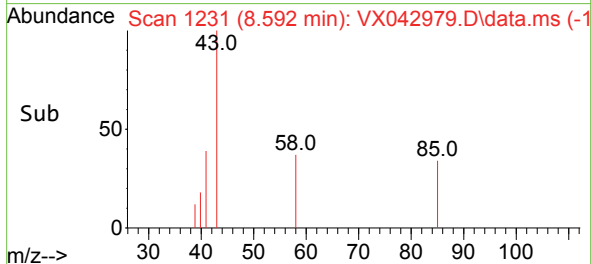
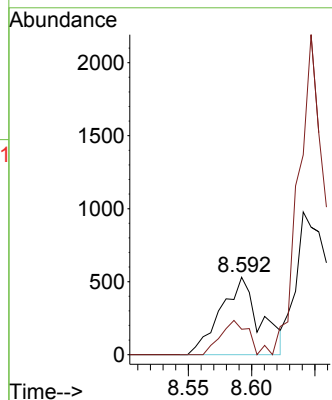
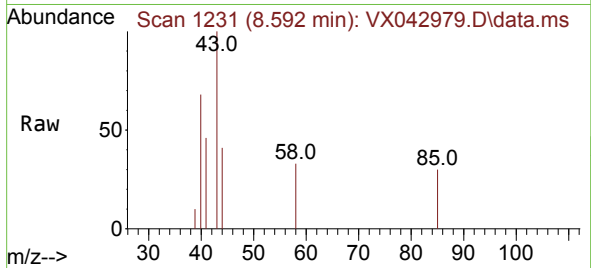




#51
4-Methyl-2-Pentanone
Concen: 0.362 ug/l
RT: 8.592 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

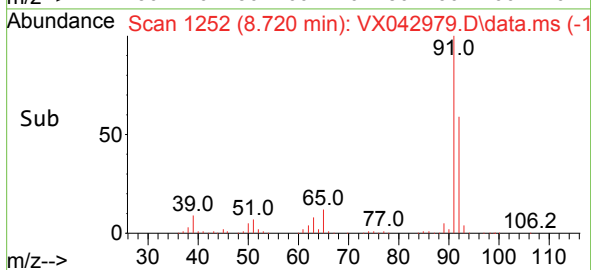
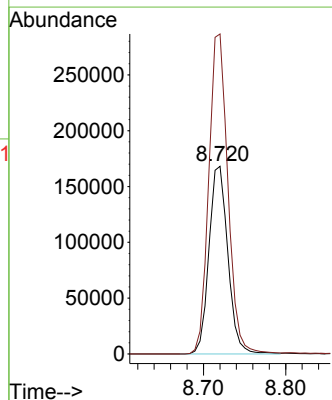
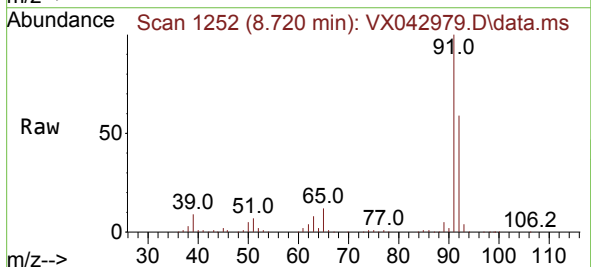
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-513-528

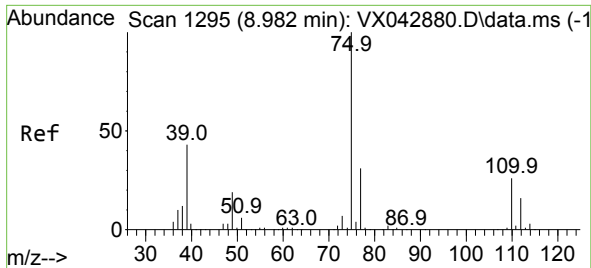
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 31.9 30.4 45.6



#52
Toluene
Concen: 55.884 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

Tgt Ion: 92 Resp: 268710
Ion Ratio Lower Upper
92 100
91 172.4 134.2 201.2

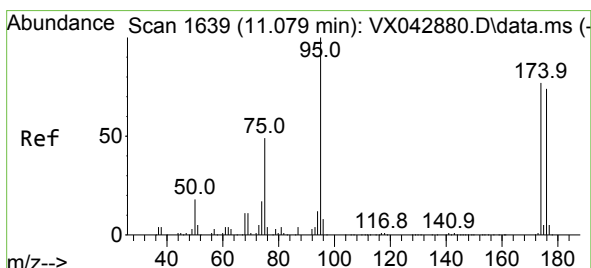
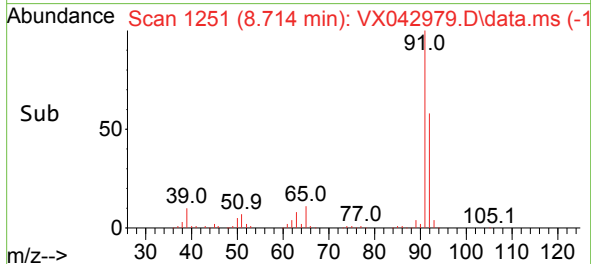
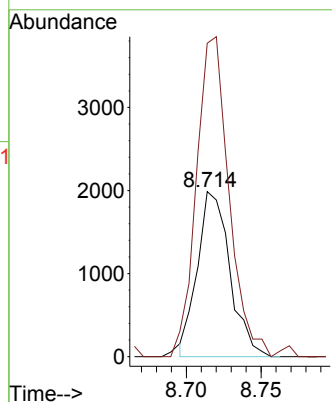
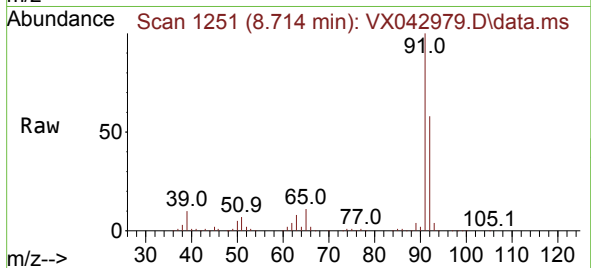




#53
t-1,3-Dichloropropene
Concen: 1.183 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.268 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

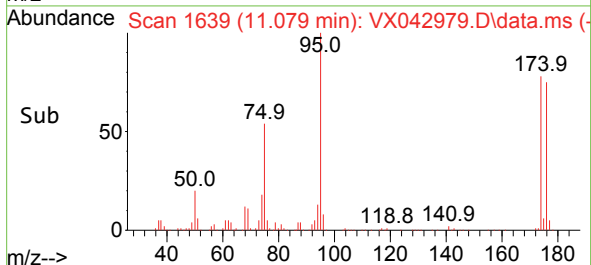
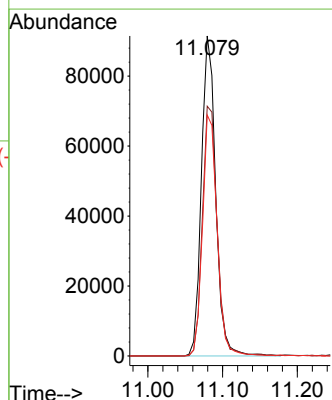
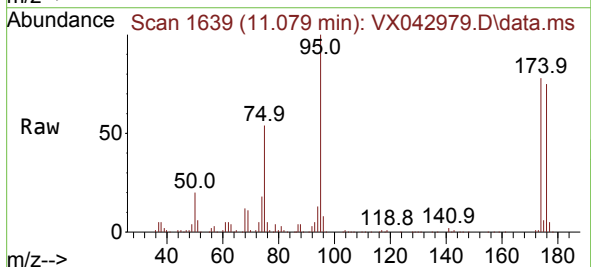
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-513-528

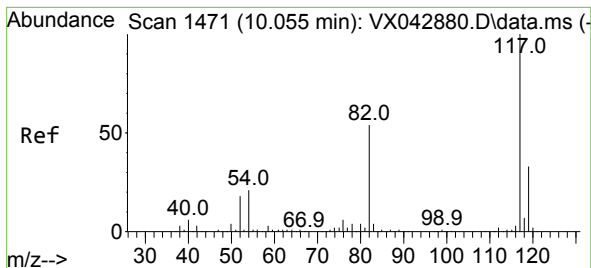
Tgt Ion: 75 Resp: 2999
Ion Ratio Lower Upper
75 100
77 186.4 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 50.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

Tgt Ion: 95 Resp: 121492
Ion Ratio Lower Upper
95 100
174 81.2 0.0 135.6
176 77.0 0.0 131.0

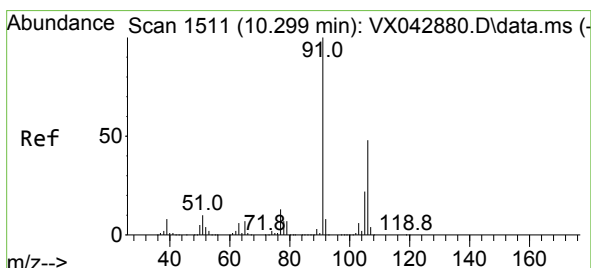
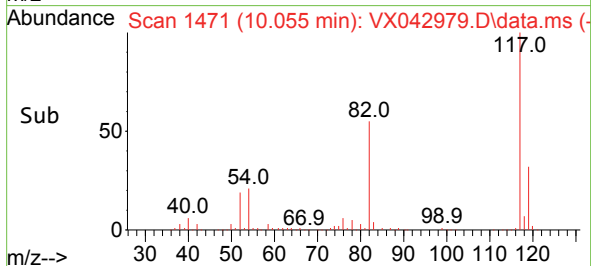
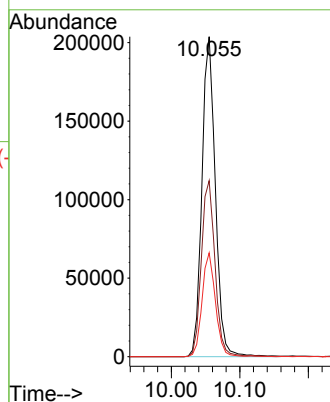
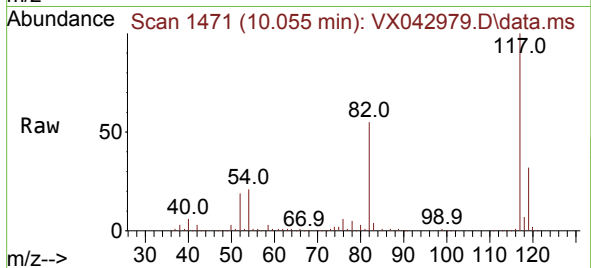




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

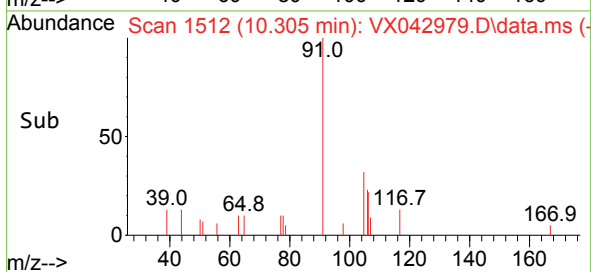
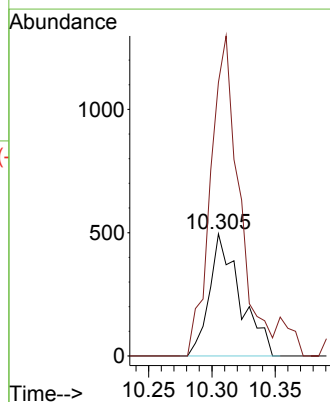
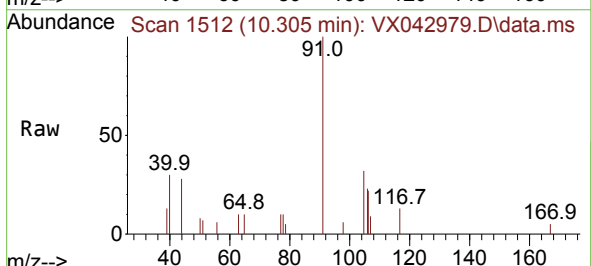
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-513-528

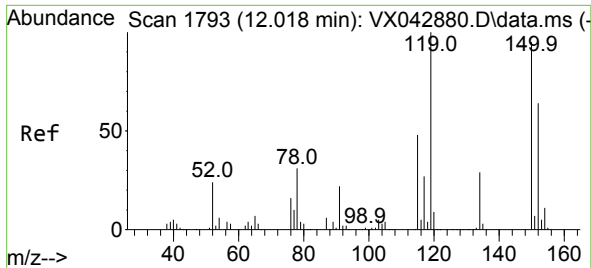
Tgt Ion:117 Resp: 278058
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.5 25.5 38.3



#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

Tgt Ion:106 Resp: 834
Ion Ratio Lower Upper
106 100
91 245.7 165.5 248.3

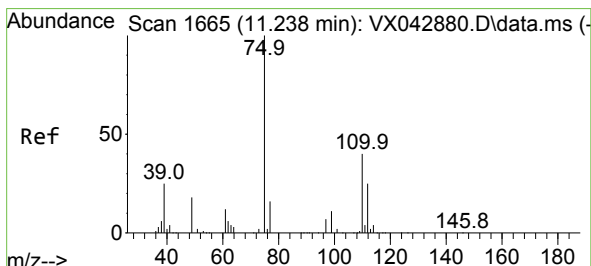
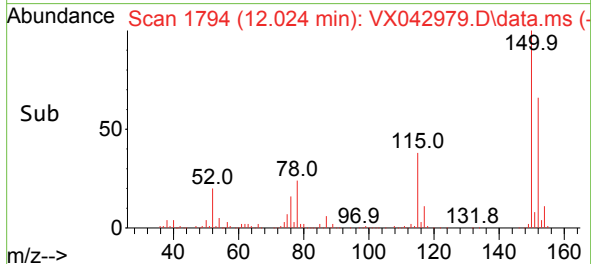
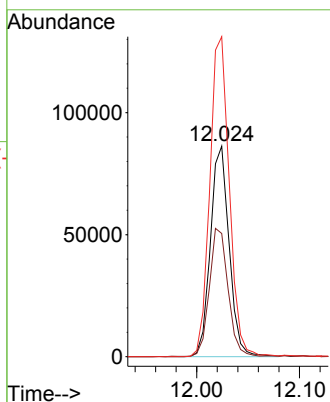
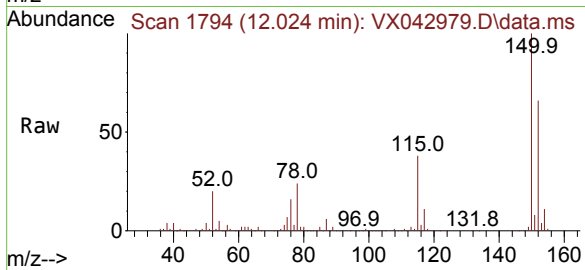




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX042979.D
 Acq: 09 Aug 2024 07:59

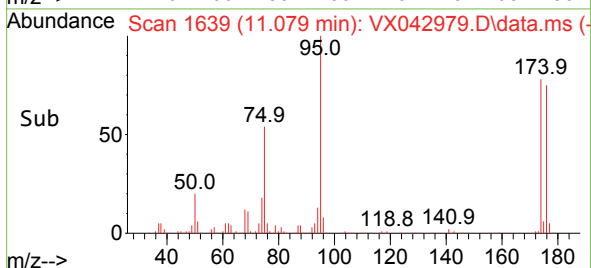
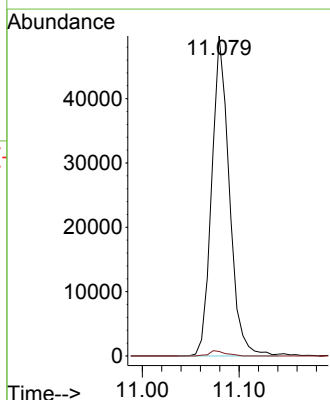
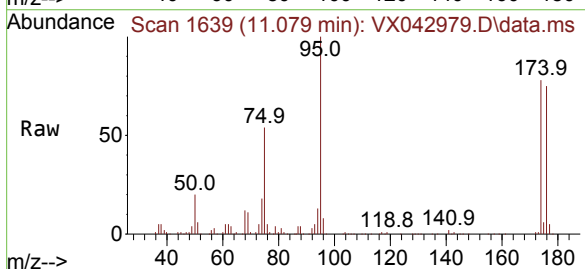
Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-513-528

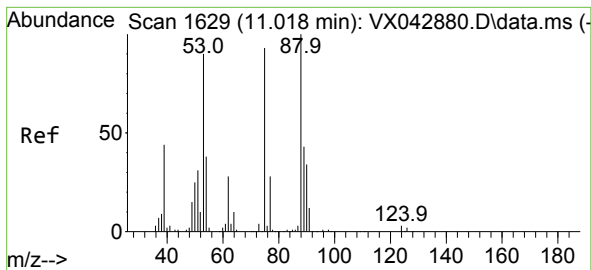
Tgt Ion:152 Resp: 109137
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.3 129.9
 150 157.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.610 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX042979.D
 Acq: 09 Aug 2024 07:59

Tgt Ion: 75 Resp: 62860
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.273 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042979.D
 Acq: 09 Aug 2024 07:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-513-528

Tgt Ion: 75 Resp: 62860
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

