

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042983.D
 Acq On : 09 Aug 2024 09:29
 Operator : JC/MD
 Sample : P3458-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-383-398

Quant Time: Aug 09 14:57:15 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)

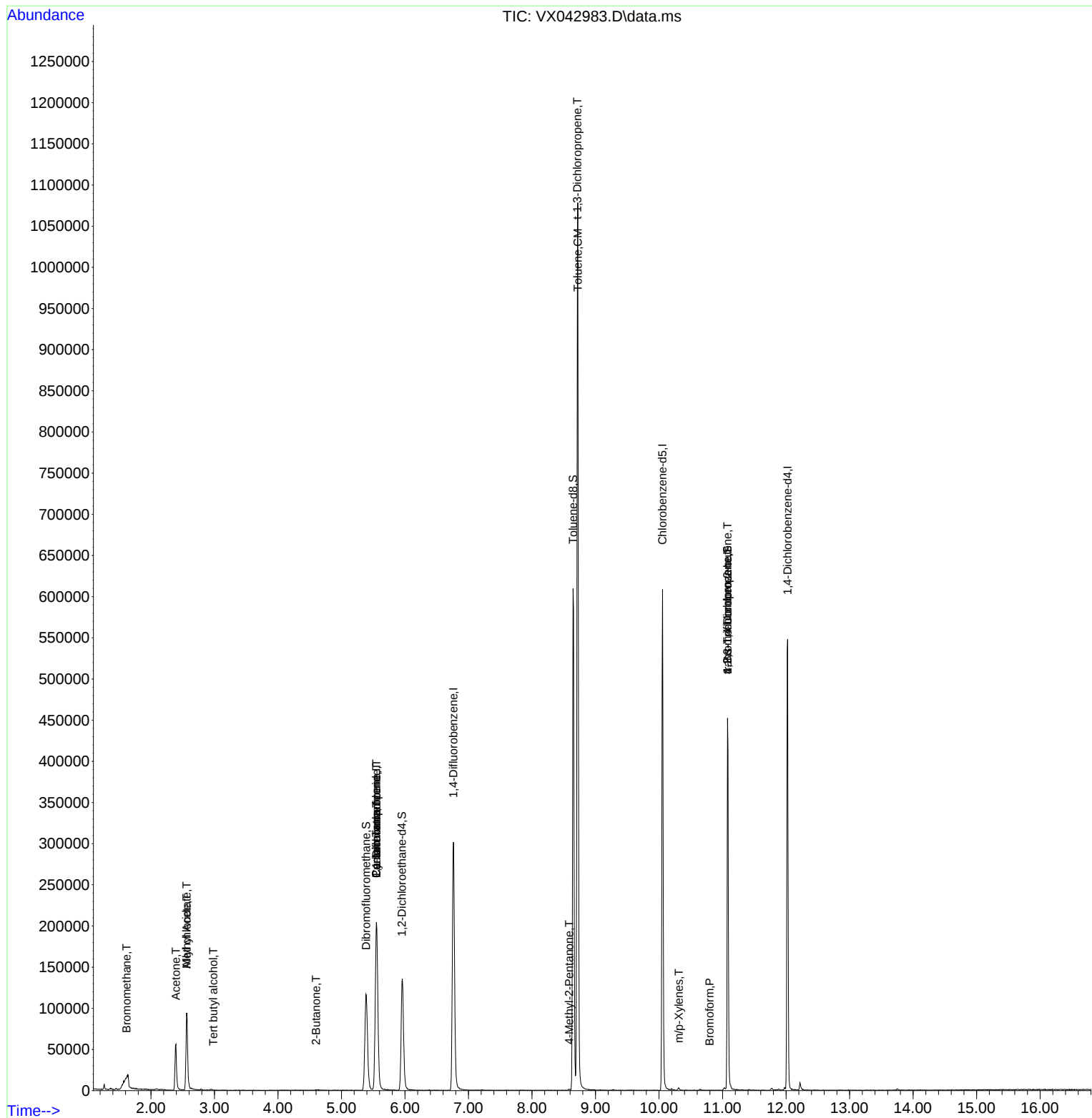
Internal Standards						
1) Pentafluorobenzene	5.550	168	191553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	308999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	135824	51.651	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.300%	
35) Dibromofluoromethane	5.385	113	104384	51.665	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.340%	
50) Toluene-d8	8.647	98	372384	51.919	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.840%	
62) 4-Bromofluorobenzene	11.079	95	119578	46.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	461	0.357	ug/l #	49
11) Tert butyl alcohol	2.983	59	220	0.421	ug/l #	78
14) Allyl chloride	2.562	41	10283	3.223	ug/l #	79
16) Acetone	2.392	43	64661	56.691	ug/l	93
18) Methyl Acetate	2.562	43	24975	6.905	ug/l #	53
20) Methylene Chloride	2.794	84	602	Below Cal	#	58
25) 2-Butanone	4.599	43	402	0.224	ug/l #	78
31) Cyclohexane	5.550	56	4460	1.355	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	15023	5.484	ug/l #	51
38) Carbon Tetrachloride	5.550	117	20068	6.490	ug/l #	16
51) 4-Methyl-2-Pentanone	8.586	43	947	0.279	ug/l	90
52) Toluene	8.720	92	404347	78.410	ug/l	95
53) t-1,3-Dichloropropene	8.714	75	4622	1.699	ug/l #	1
68) m/p-Xylenes	10.311	106	778	0.215	ug/l #	49
71) Bromoform	10.799	173	74	0.856	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	62984	23.370	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	62984	75.988	ug/l #	5

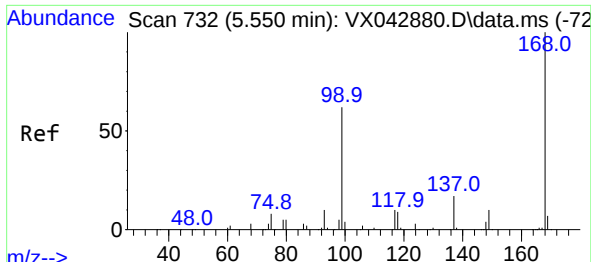
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
Data File : VX042983.D
Acq On : 09 Aug 2024 09:29
Operator : JC/MD
Sample : P3458-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MLS-15-383-398

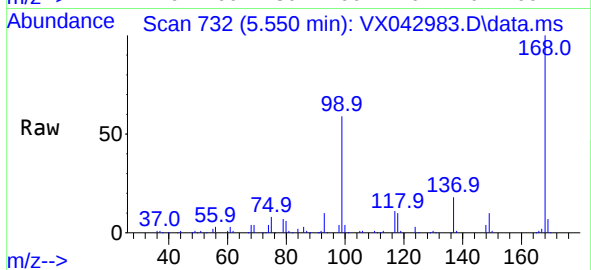
Quant Time: Aug 09 14:57:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration



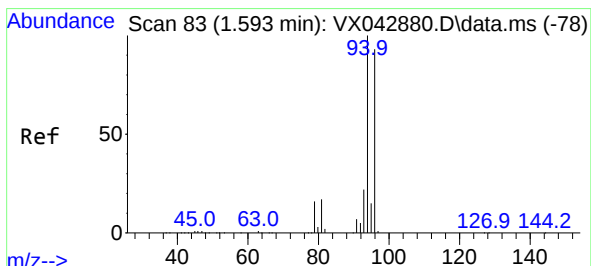
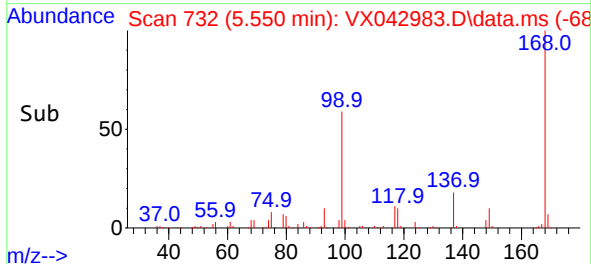
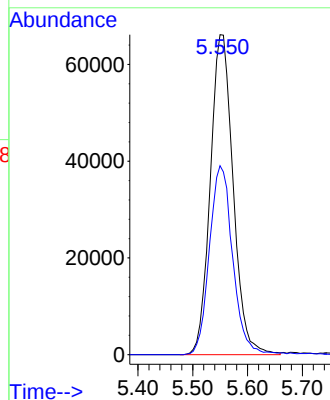


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
MLS-15-383-398

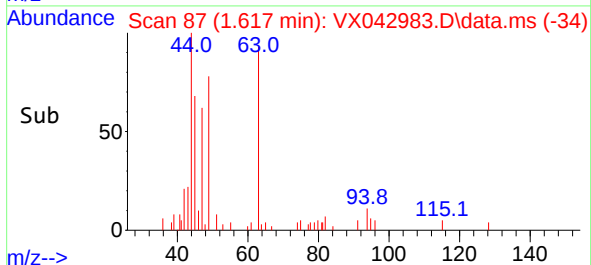
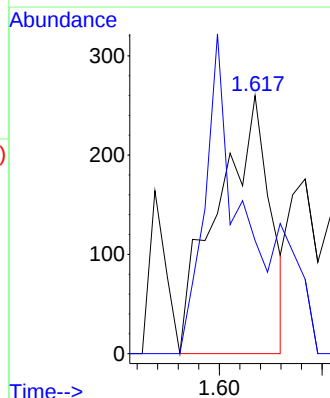
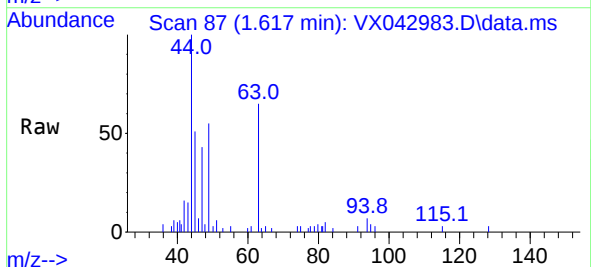


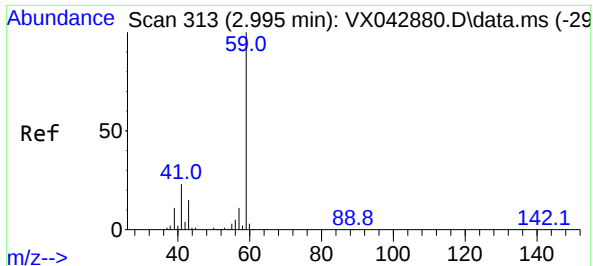
Tgt Ion:168 Resp: 191553
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#5
Bromomethane
Concen: 0.357 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.024 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Tgt Ion: 94 Resp: 461
Ion Ratio Lower Upper
94 100
96 43.8 74.6 111.8#





#11

Tert butyl alcohol

Concen: 0.421 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.012 min

Lab File: VX042983.D

Acq: 09 Aug 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

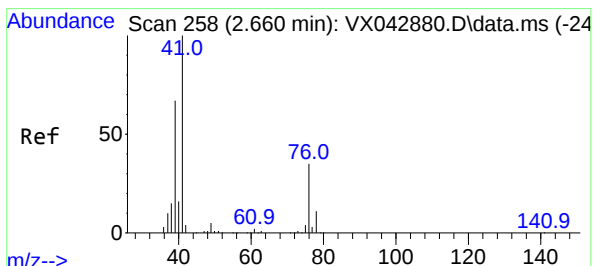
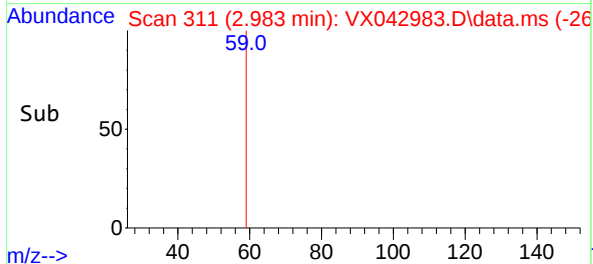
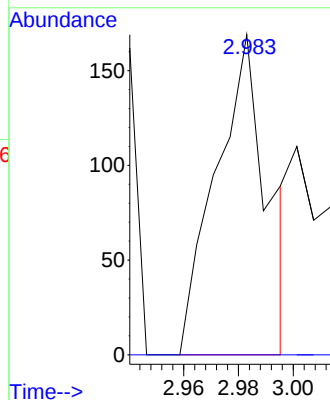
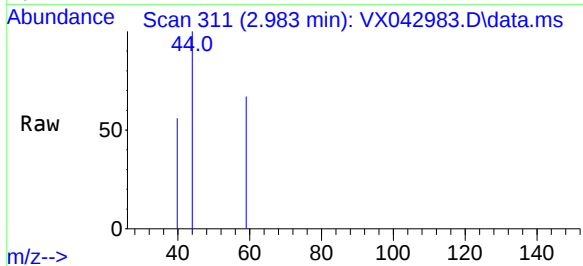
MLS-15-383-398

Tgt Ion: 59 Resp: 220

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 3.223 ug/l

RT: 2.562 min Scan# 242

Delta R.T. -0.098 min

Lab File: VX042983.D

Acq: 09 Aug 2024 09:29

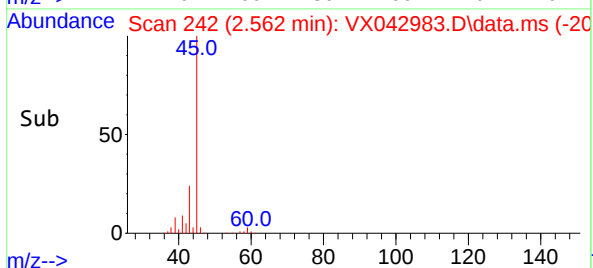
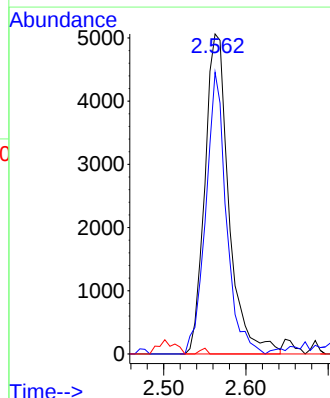
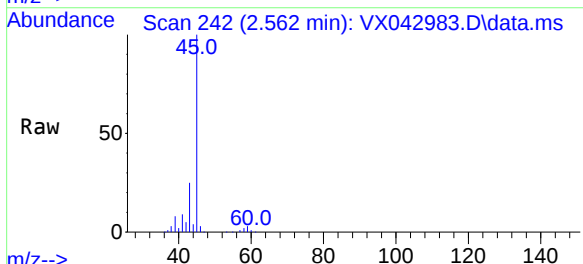
Tgt Ion: 41 Resp: 10283

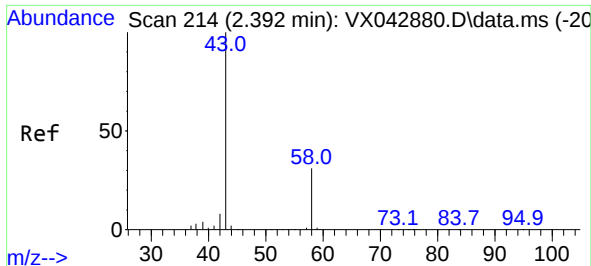
Ion Ratio Lower Upper

41 100

39 75.4 55.8 83.6

76 0.5 24.3 36.5#

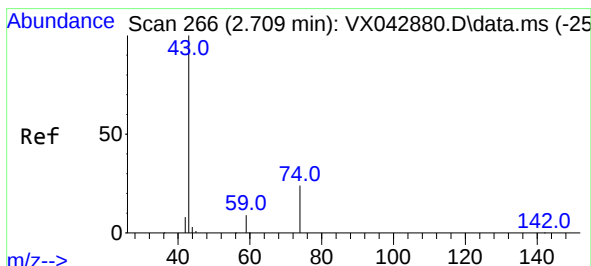
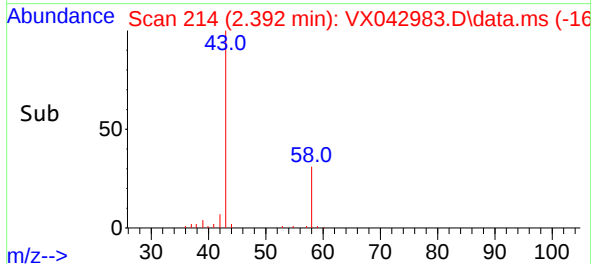
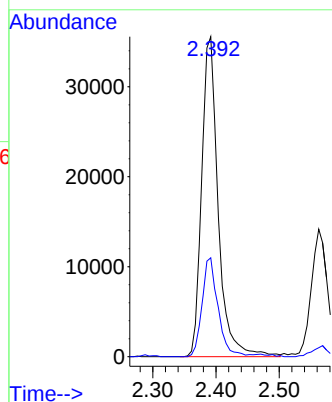
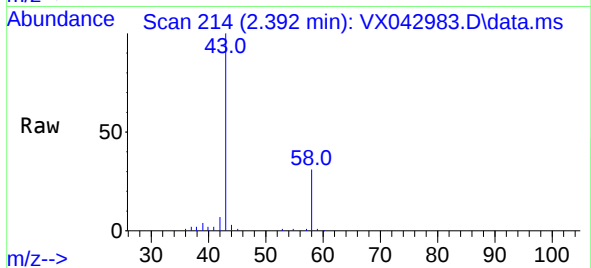




#16
Acetone
Concen: 56.691 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

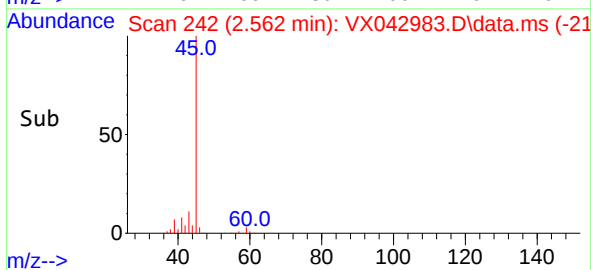
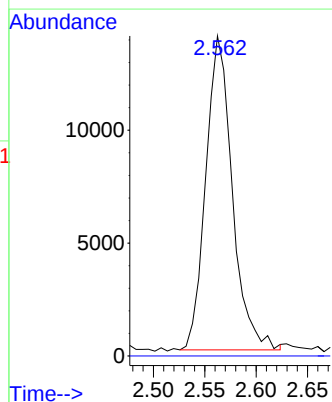
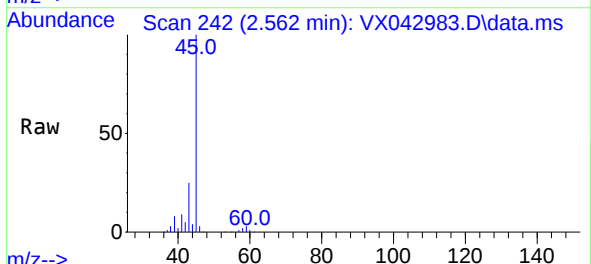
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-383-398

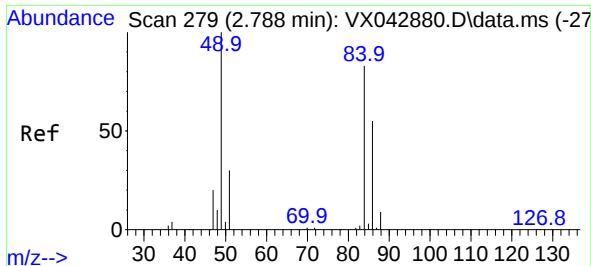
Tgt Ion: 43 Resp: 64661
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9



#18
Methyl Acetate
Concen: 6.905 ug/l
RT: 2.562 min Scan# 242
Delta R.T. -0.147 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Tgt Ion: 43 Resp: 24975
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



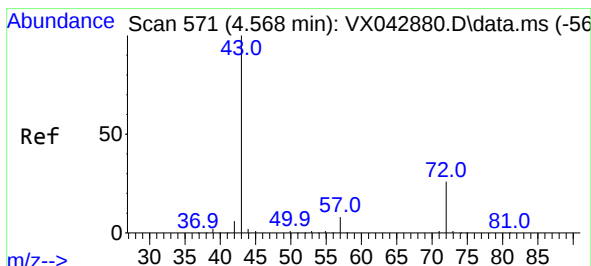
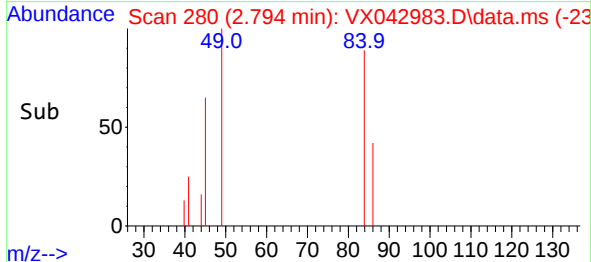
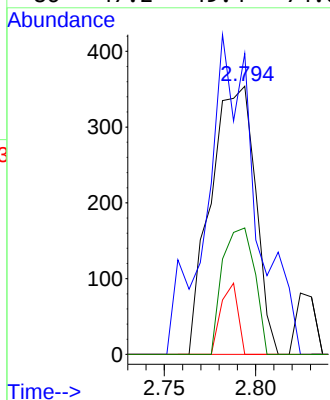
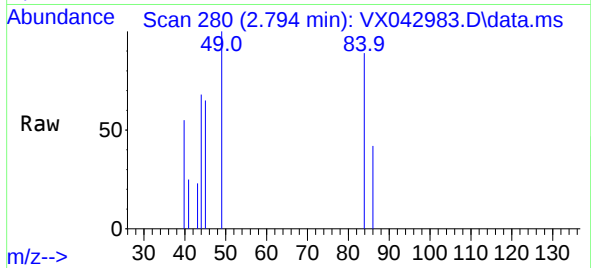


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
MLS-15-383-398

Tgt Ion: 84 Resp: 602

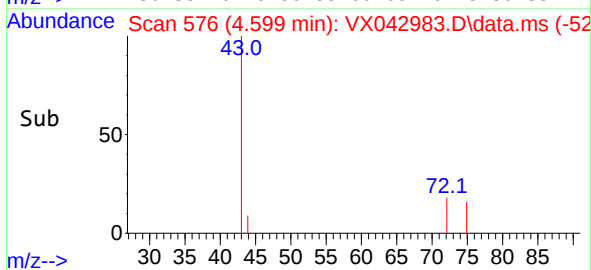
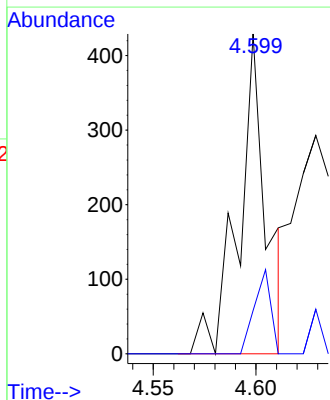
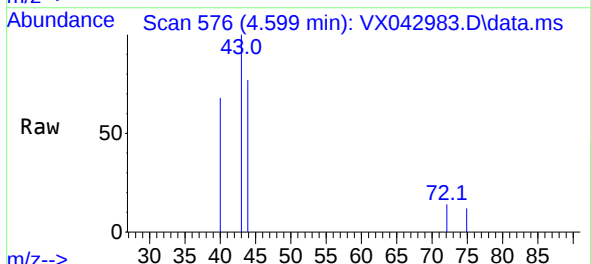
Ion	Ratio	Lower	Upper
84	100		
49	76.8	103.6	155.4#
51	0.0	33.8	50.6#
86	47.2	49.4	74.0#

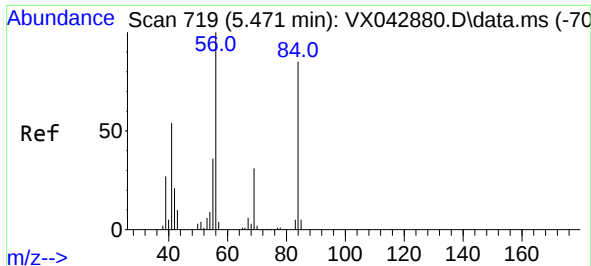


#25
2-Butanone
Concen: 0.224 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.030 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Tgt Ion: 43 Resp: 402

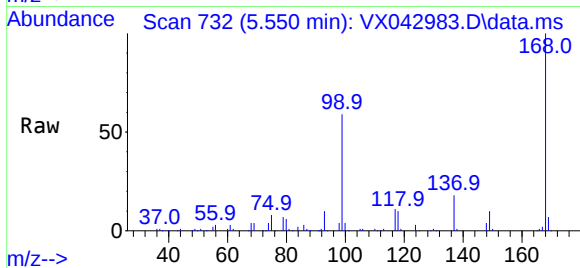
Ion	Ratio	Lower	Upper
43	100		
72	13.5	19.4	29.2#



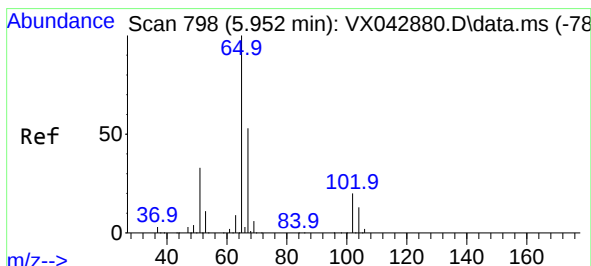
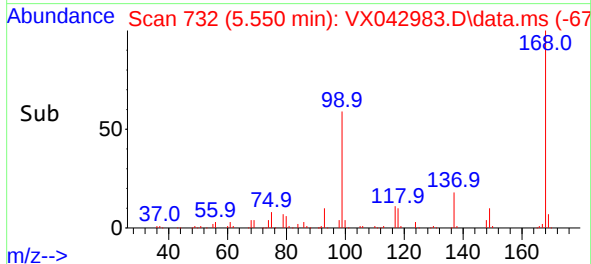
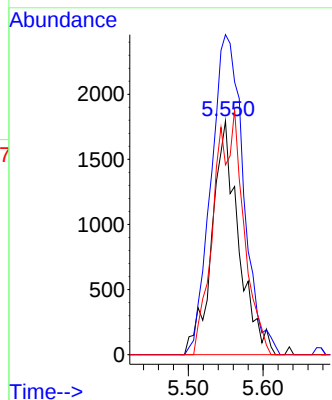


#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Instrument :
MSVOA_X
ClientSampleId :
MLS-15-383-398

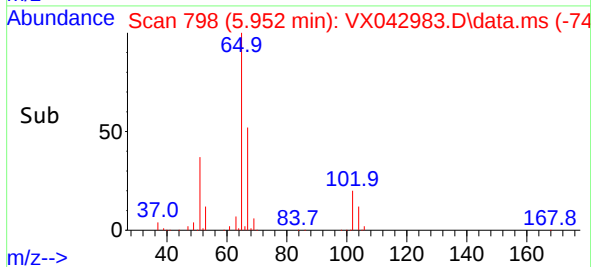
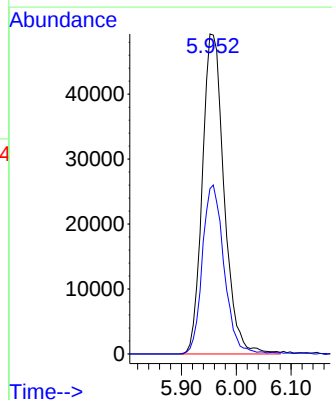
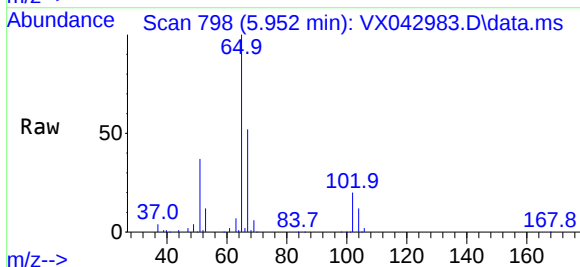


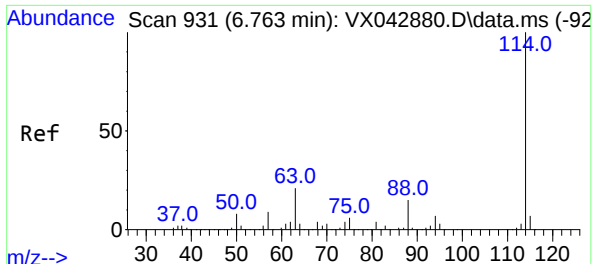
Tgt Ion: 56 Resp: 4460
Ion Ratio Lower Upper
56 100
69 136.9 23.4 35.2#
84 81.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 51.651 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Tgt Ion: 65 Resp: 135824
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

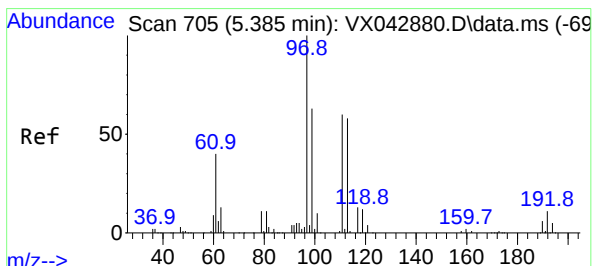
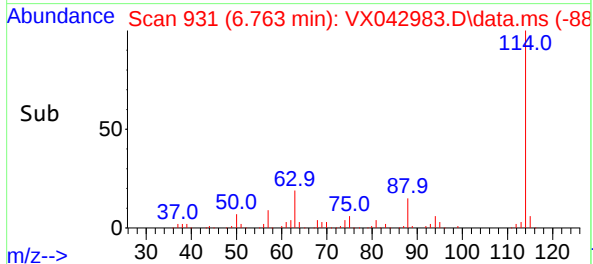
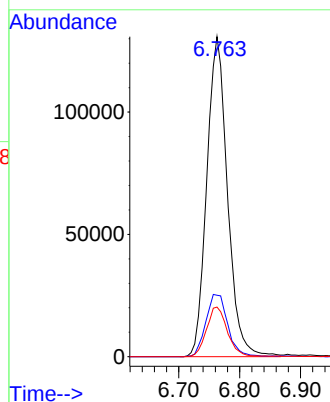
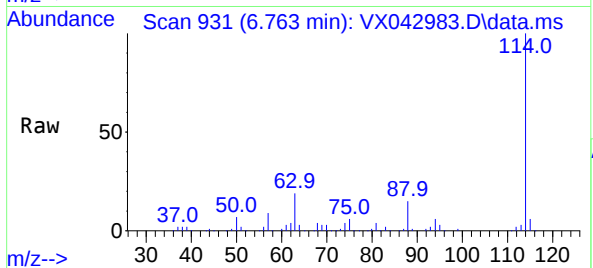




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

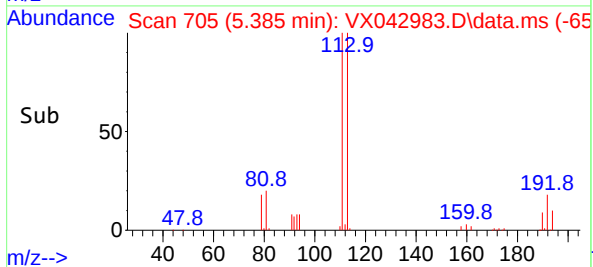
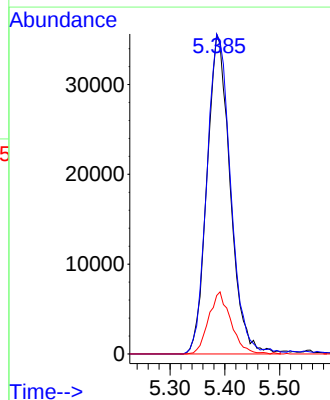
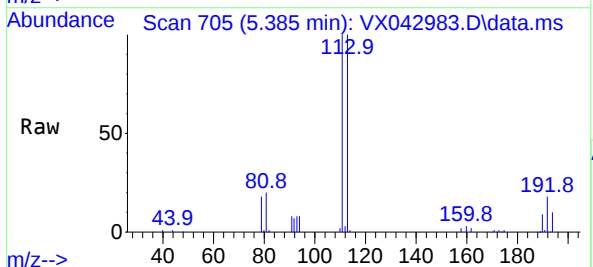
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-383-398

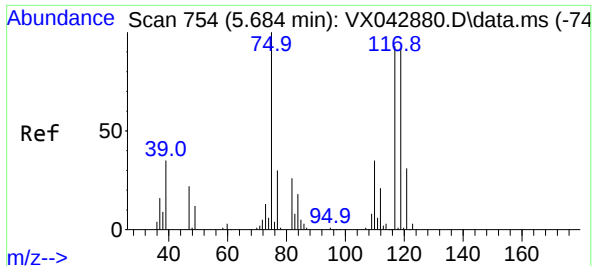
Tgt Ion:114 Resp: 308999
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.665 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Tgt Ion:113 Resp: 104384
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.7 13.3 19.9

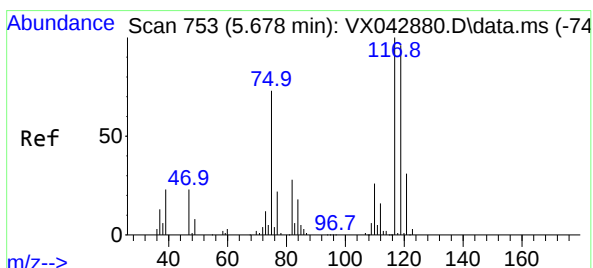
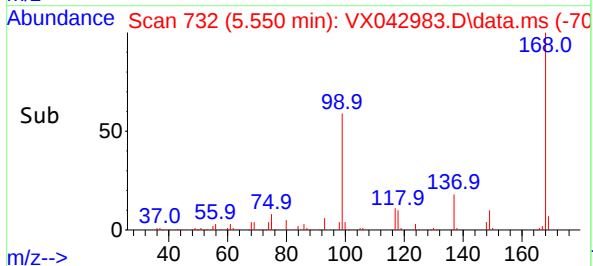
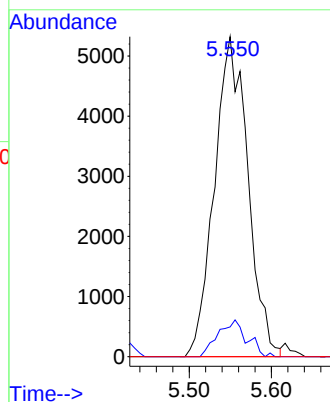
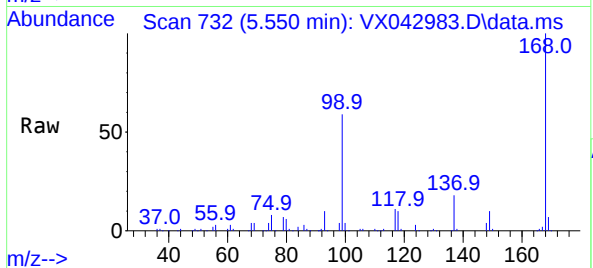




#36
1,1-Dichloropropene
Concen: 5.484 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

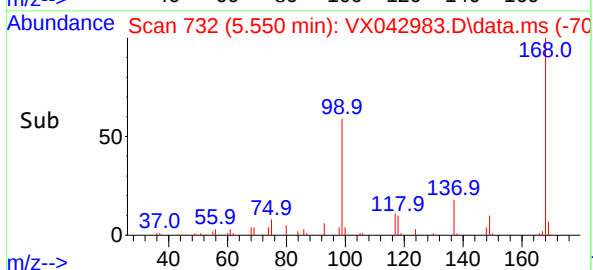
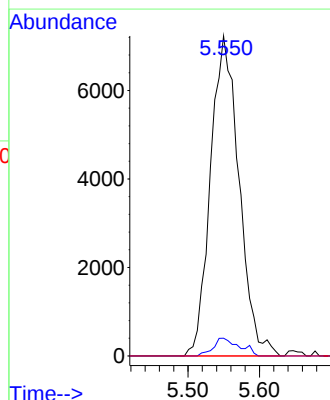
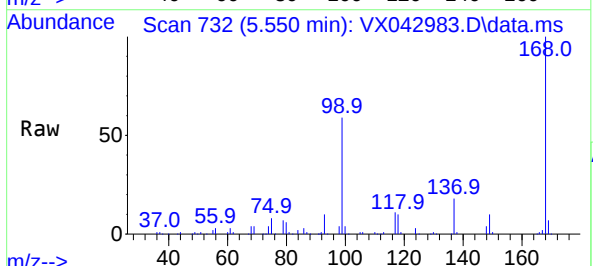
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-383-398

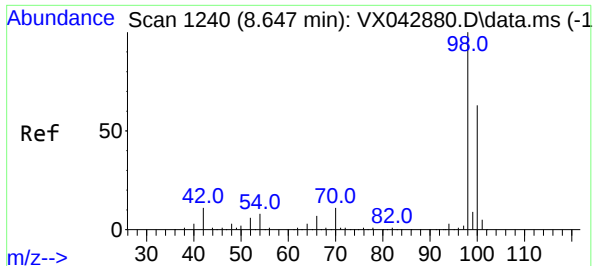
Tgt Ion: 75 Resp: 15023
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.490 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Tgt Ion: 117 Resp: 20068
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 51.919 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042983.D

Acq: 09 Aug 2024 09:29

Instrument :

MSVOA_X

ClientSampleId :

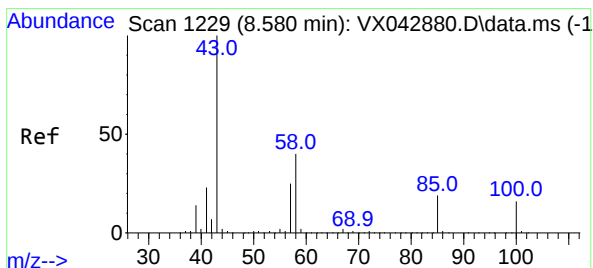
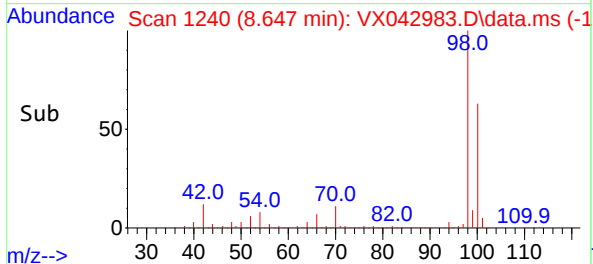
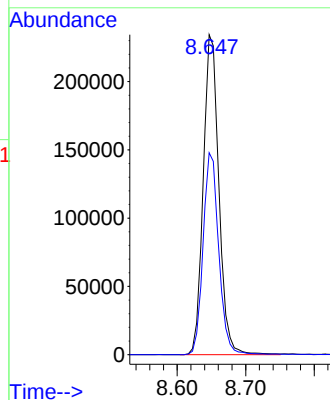
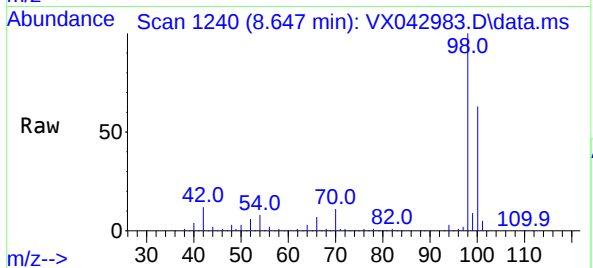
MLS-15-383-398

Tgt Ion: 98 Resp: 372384

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.279 ug/l

RT: 8.586 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VX042983.D

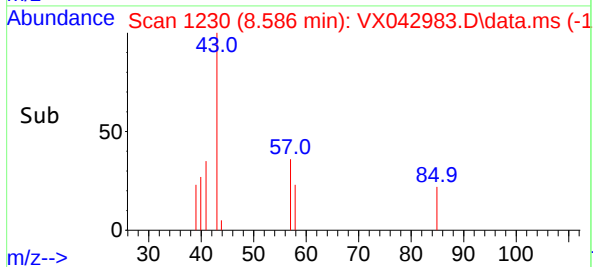
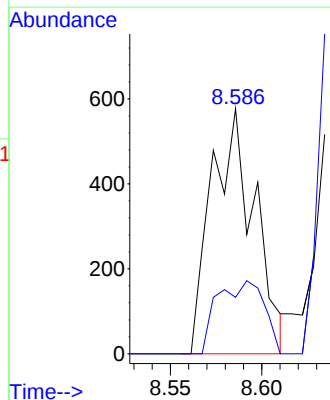
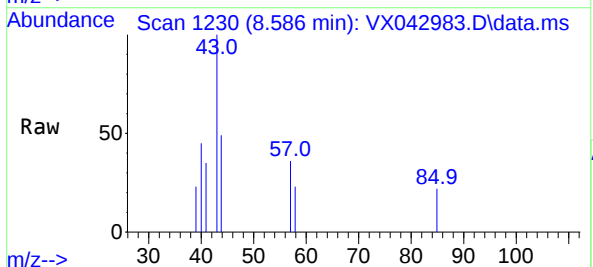
Acq: 09 Aug 2024 09:29

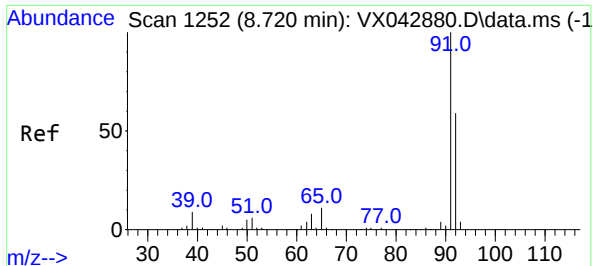
Tgt Ion: 43 Resp: 947

Ion Ratio Lower Upper

43 100

58 32.2 30.4 45.6

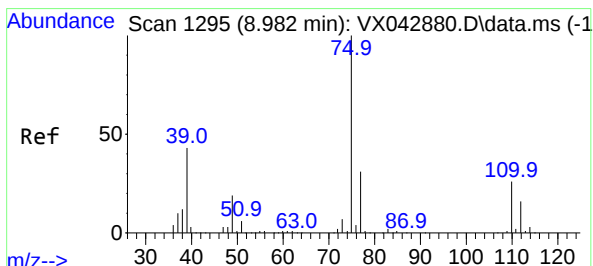
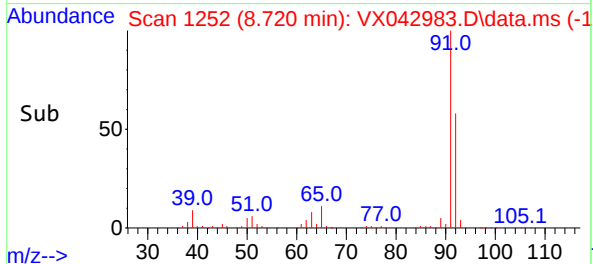
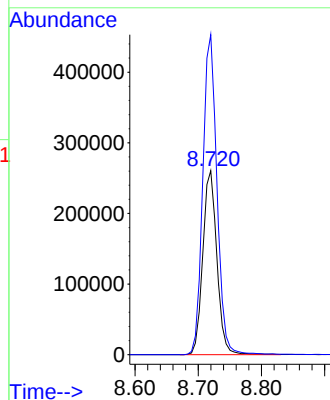
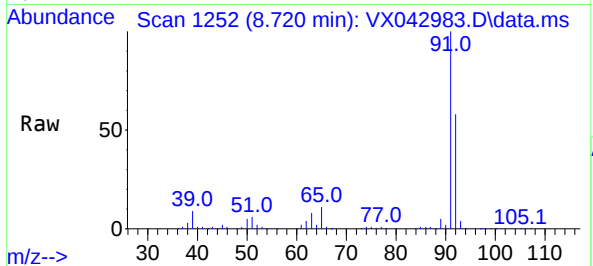




#52
Toluene
Concen: 78.410 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

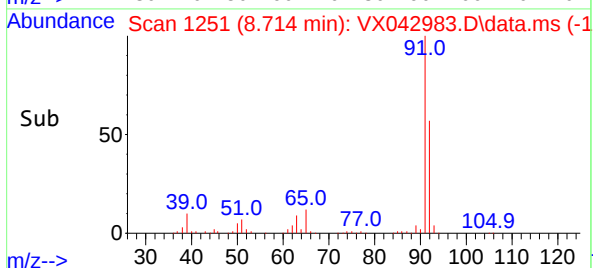
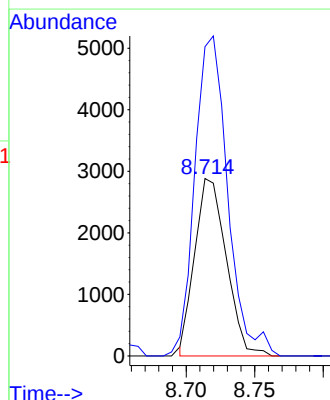
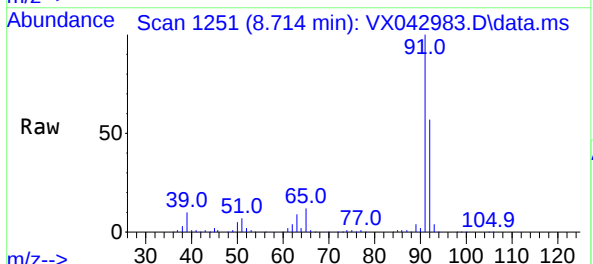
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-383-398

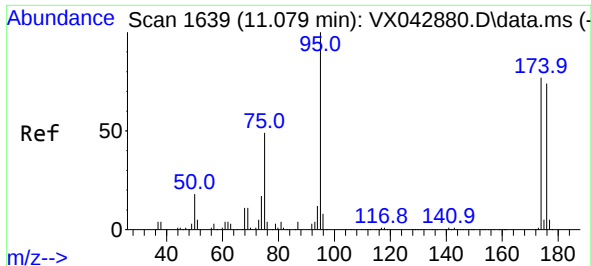
Tgt Ion: 92 Resp: 404347
Ion Ratio Lower Upper
92 100
91 175.1 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 1.699 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.268 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Tgt Ion: 75 Resp: 4622
Ion Ratio Lower Upper
75 100
77 174.4 25.7 38.5#

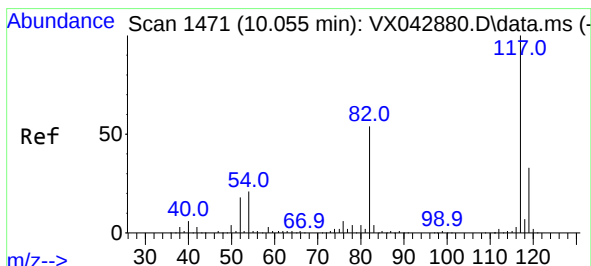
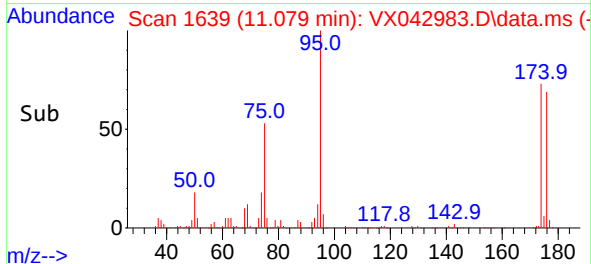
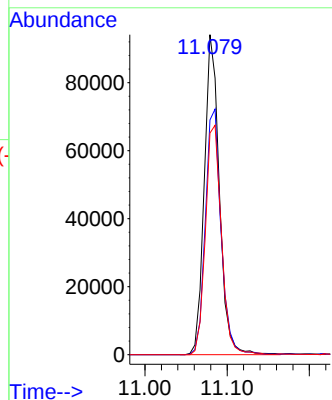
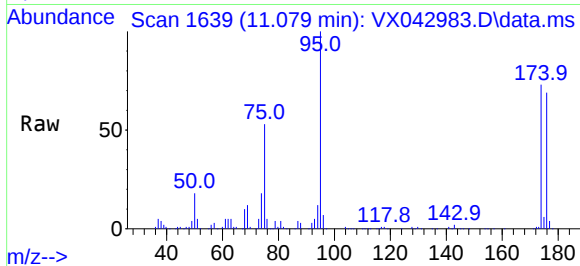




#62
4-Bromofluorobenzene
Concen: 46.395 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

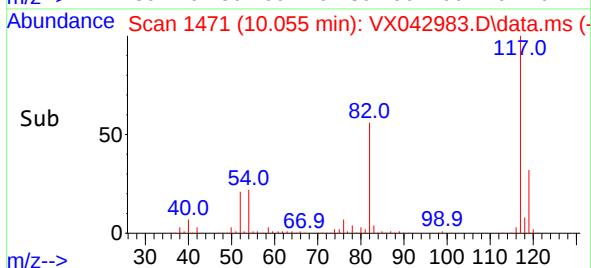
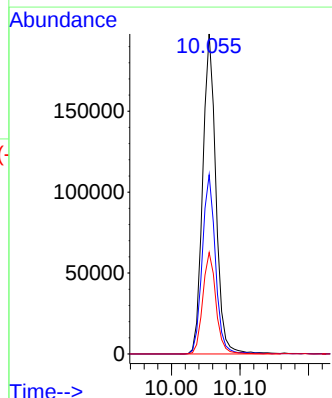
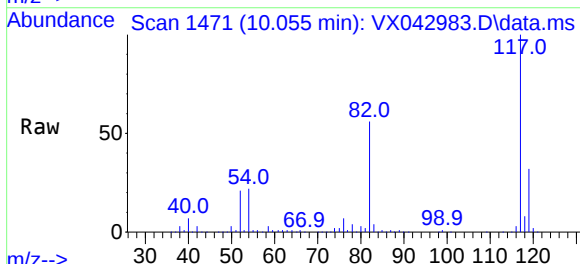
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-383-398

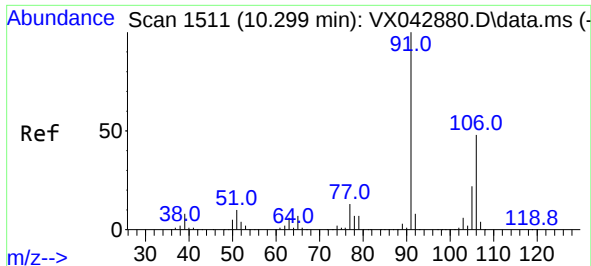
Tgt Ion: 95 Resp: 119578
Ion Ratio Lower Upper
95 100
174 80.1 0.0 135.6
176 76.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Tgt Ion: 117 Resp: 265205
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.7 25.5 38.3

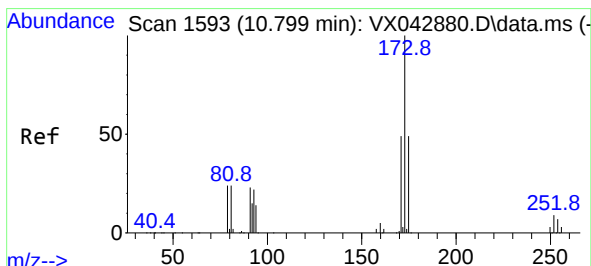
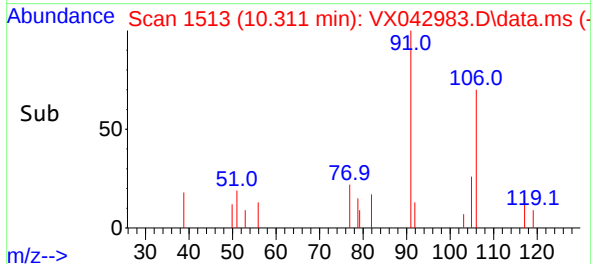
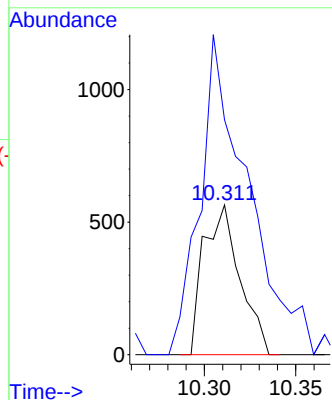
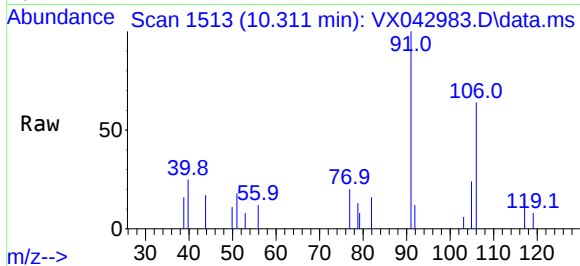




#68
m/p-Xylenes
Concen: 0.215 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

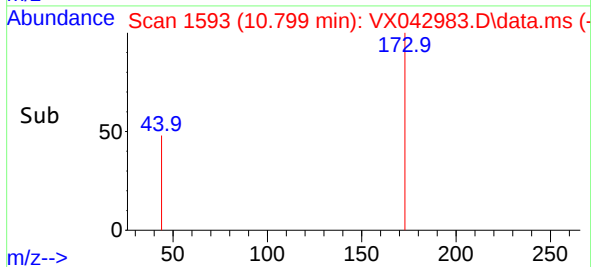
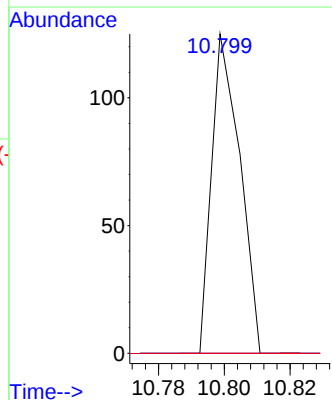
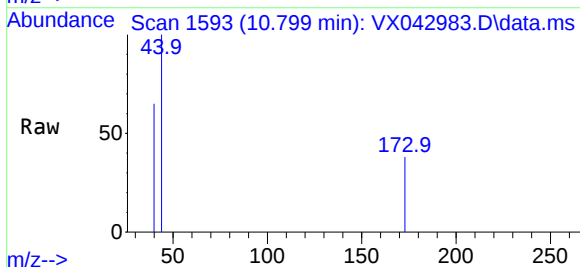
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-383-398

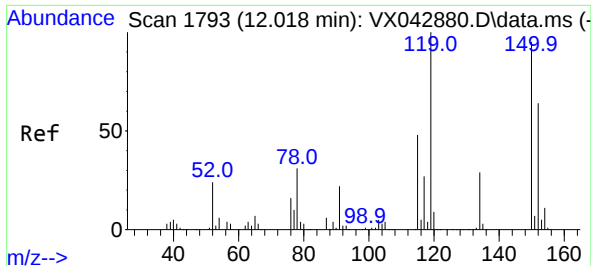
Tgt Ion:106 Resp: 778
Ion Ratio Lower Upper
106 100
91 286.1 165.5 248.3#



#71
Bromoform
Concen: 0.856 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Tgt Ion:173 Resp: 74
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0

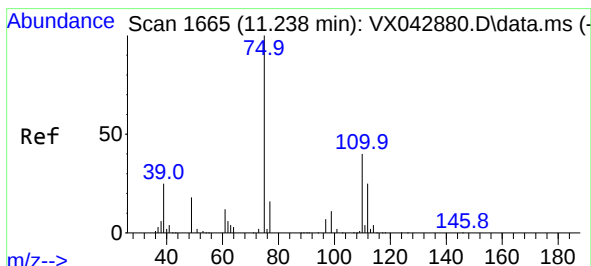
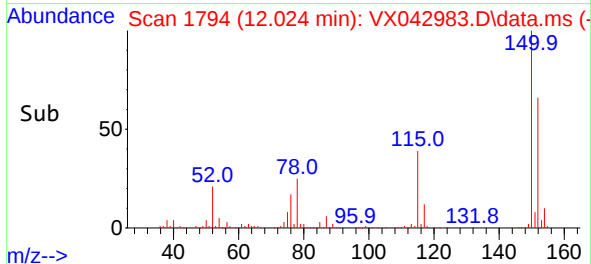
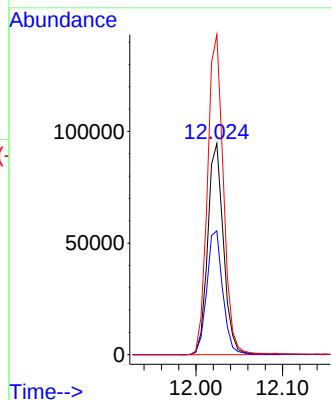
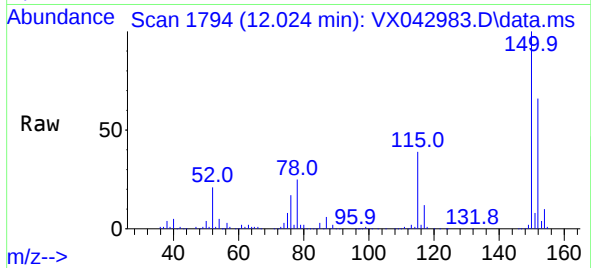




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

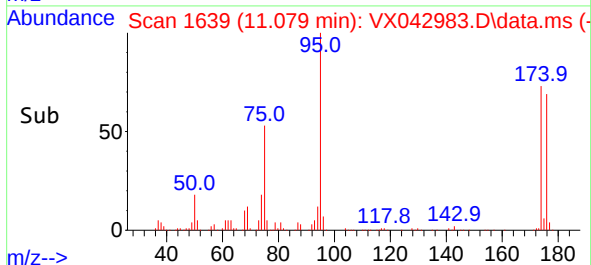
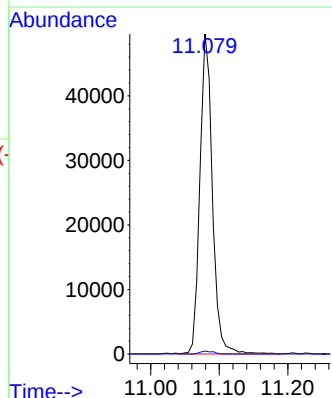
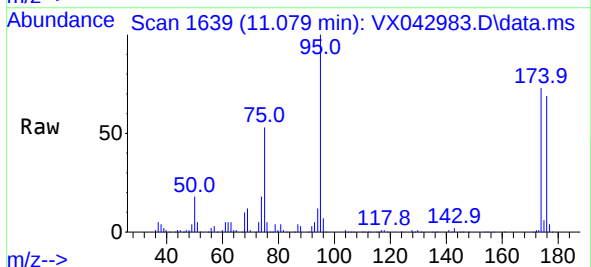
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-383-398

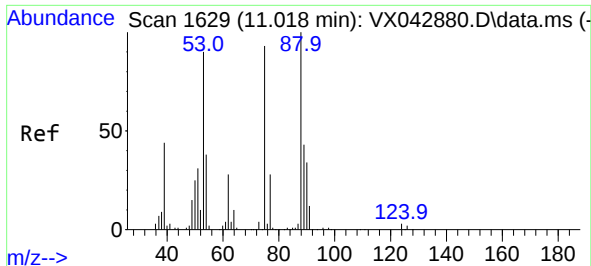
Tgt Ion:152 Resp: 119836
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 152.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042983.D
Acq: 09 Aug 2024 09:29

Tgt Ion: 75 Resp: 62984
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.988 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042983.D
 Acq: 09 Aug 2024 09:29

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-383-398

Tgt Ion: 75 Resp: 62984
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

