

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042981.D
 Acq On : 09 Aug 2024 08:44
 Operator : JC/MD
 Sample : P3469-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-682-697

Quant Time: Aug 09 14:56:55 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)

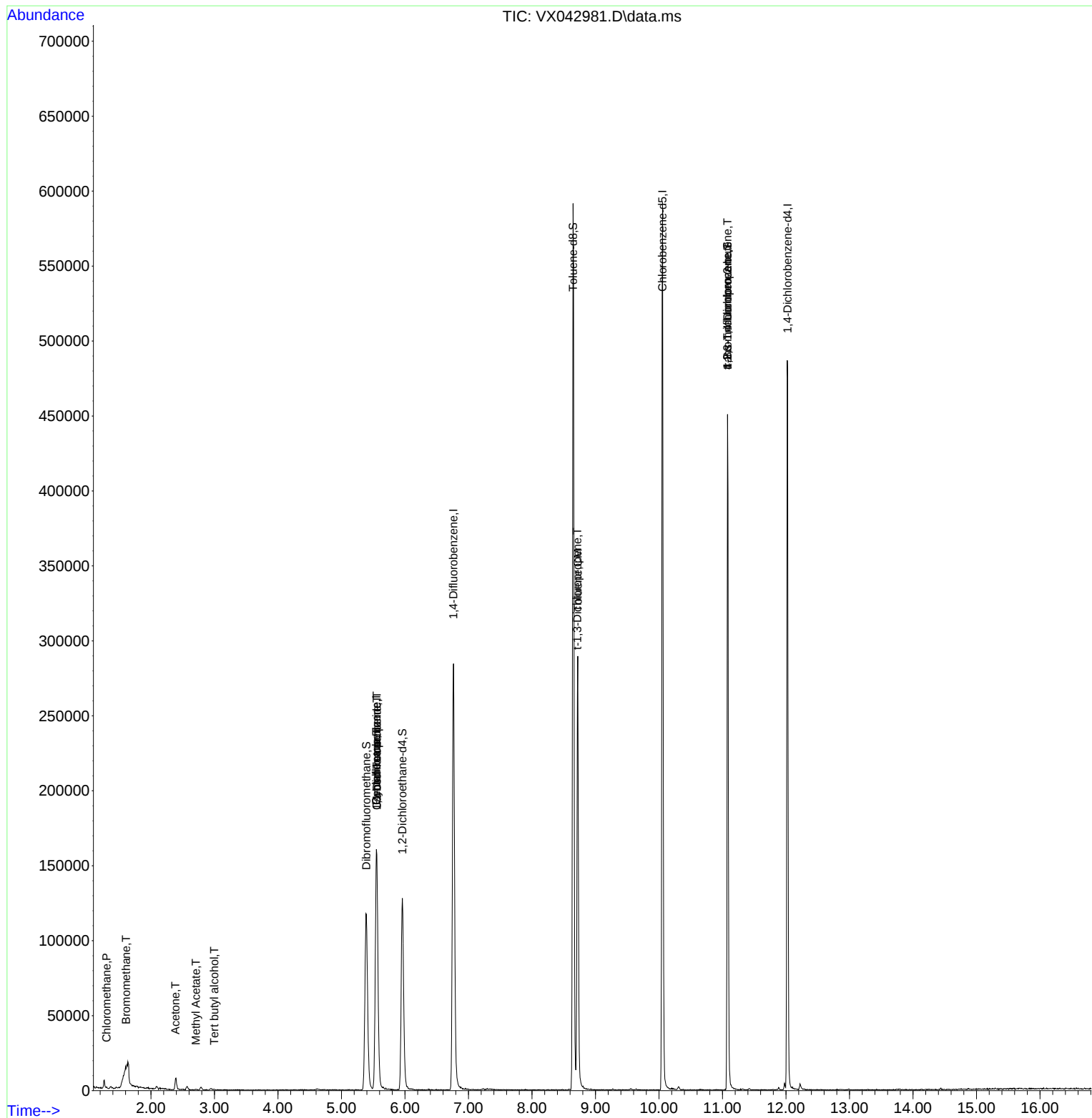
Internal Standards						
1) Pentafluorobenzene	5.550	168	152388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	292787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128036	61.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 122.400%#	
35) Dibromofluoromethane	5.391	113	105827	55.280	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.560%	
50) Toluene-d8	8.647	98	361895	53.250	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.500%	
62) 4-Bromofluorobenzene	11.079	95	120817	49.471	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	910	0.508	ug/l	99
5) Bromomethane	1.605	94	469	0.456	ug/l	93
11) Tert butyl alcohol	2.995	59	430	1.033	ug/l #	78
16) Acetone	2.386	43	8687	9.574	ug/l #	80
18) Methyl Acetate	2.709	43	604	0.210	ug/l #	53
20) Methylene Chloride	2.782	84	976	Below Cal	#	77
31) Cyclohexane	5.550	56	3184	1.216	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12760	4.916	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15590	5.321	ug/l #	17
52) Toluene	8.720	92	110189	22.551	ug/l	96
53) t-1,3-Dichloropropene	8.714	75	1470	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	63026	26.274	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	63026	85.430	ug/l #	5

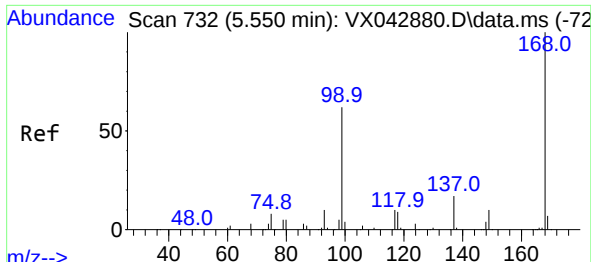
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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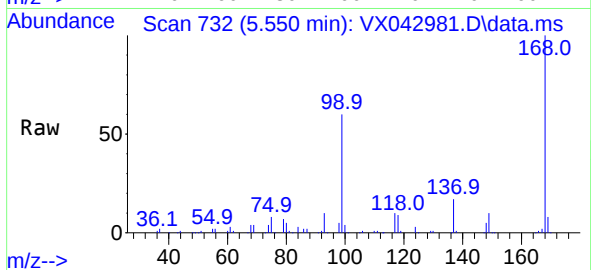
Quant Time: Aug 09 14:56:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration



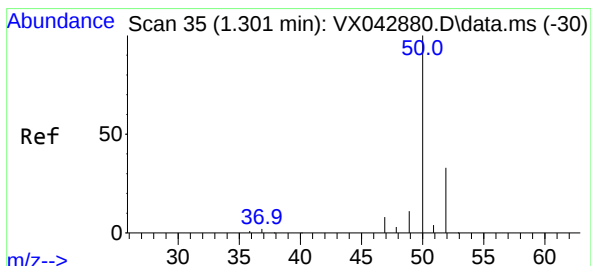
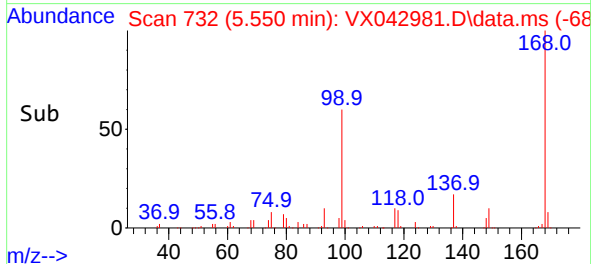
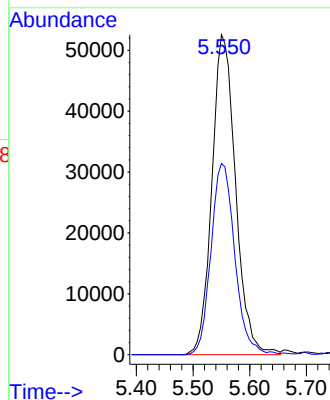


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

Instrument :
MSVOA_X
ClientSampleId :
MLS-15-682-697

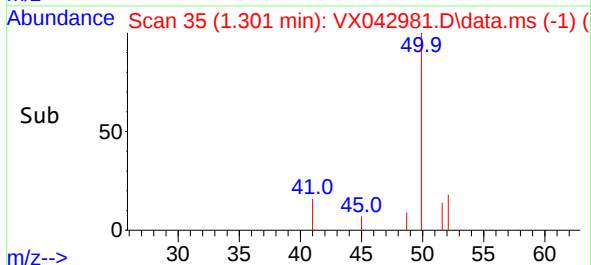
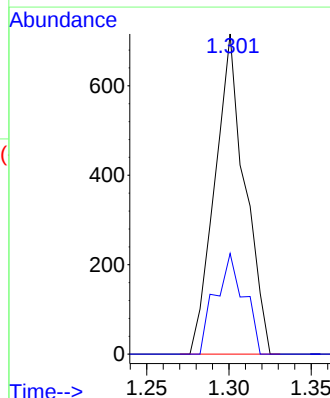
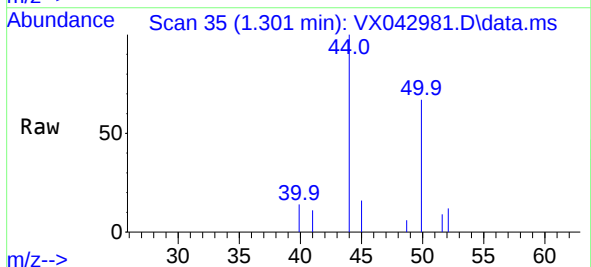


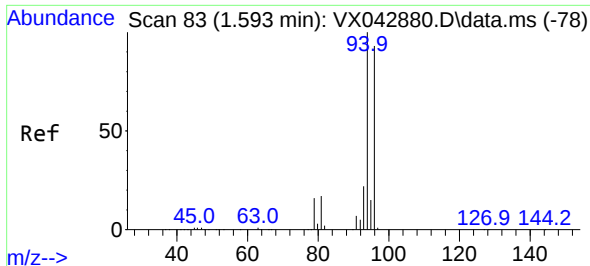
Tgt Ion:168 Resp: 152388
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#3
Chloromethane
Concen: 0.508 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

Tgt Ion: 50 Resp: 910
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3

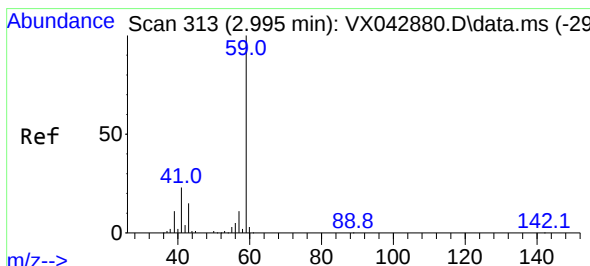
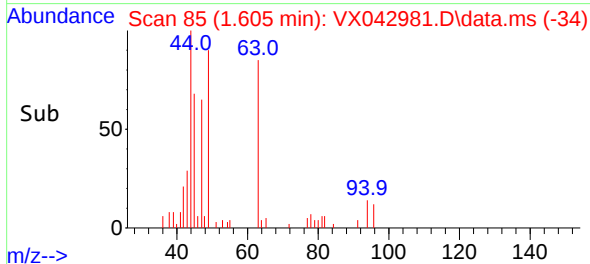
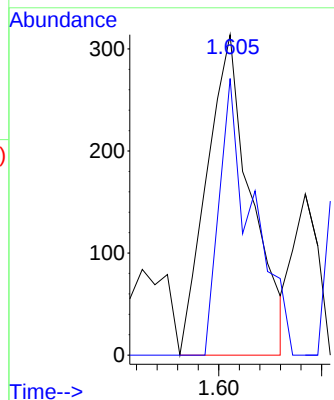
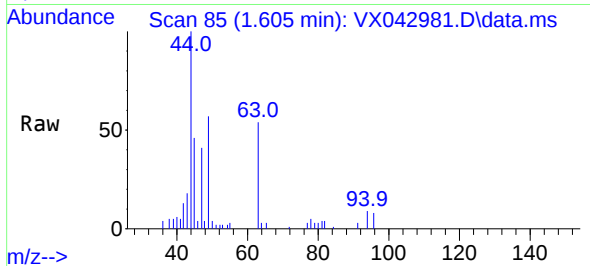




#5
Bromomethane
Concen: 0.456 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

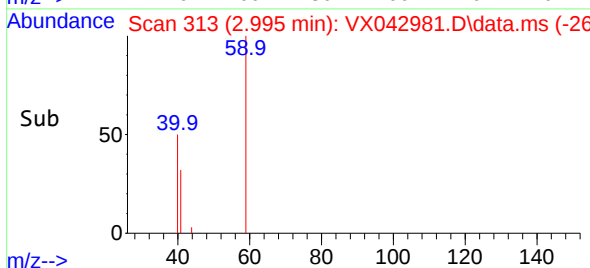
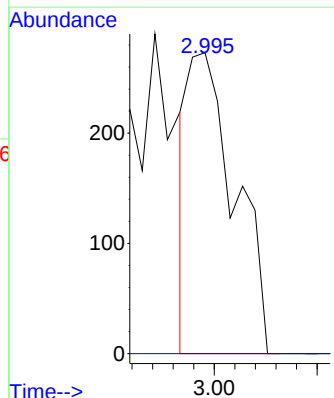
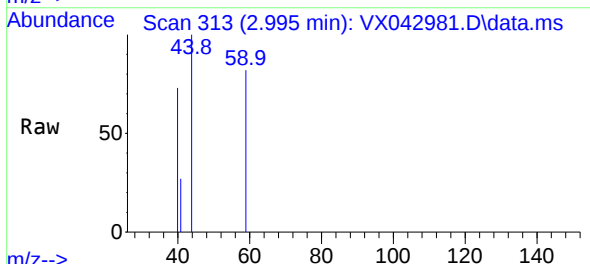
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-682-697

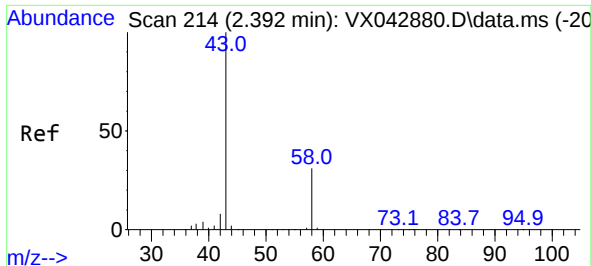
Tgt Ion: 94 Resp: 469
Ion Ratio Lower Upper
94 100
96 86.3 74.6 111.8



#11
Tert butyl alcohol
Concen: 1.033 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

Tgt Ion: 59 Resp: 430
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

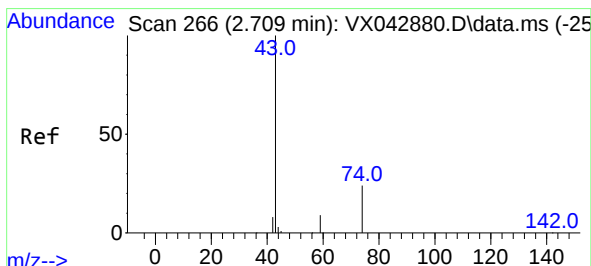
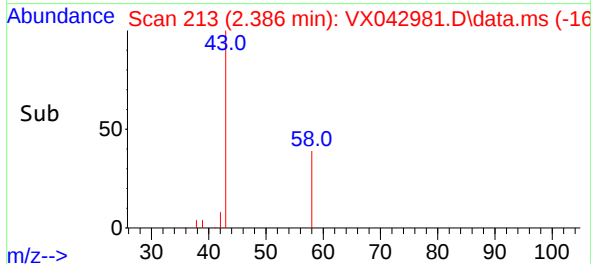
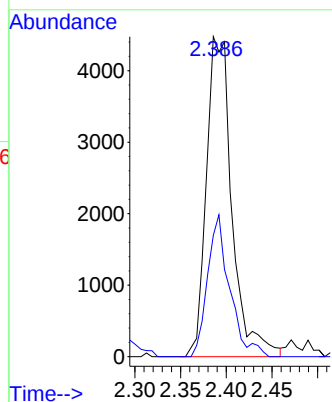
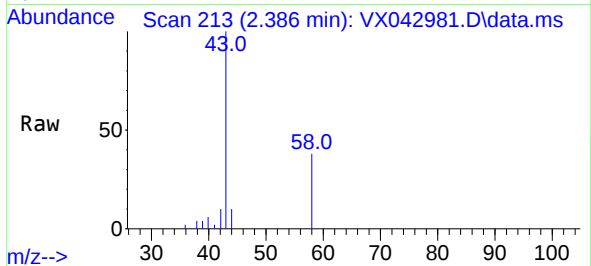




#16
Acetone
Concen: 9.574 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

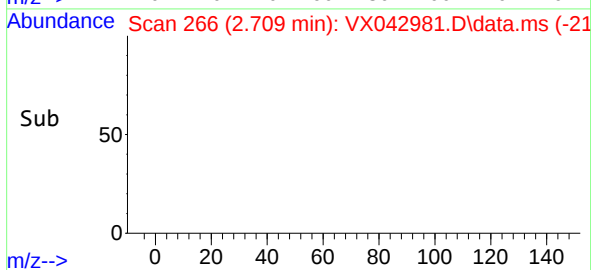
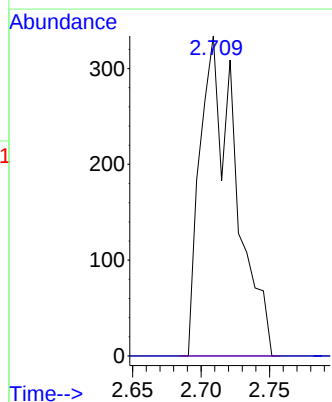
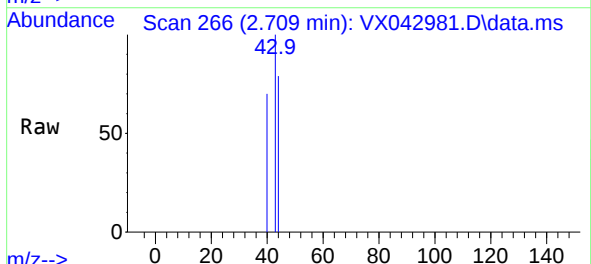
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-682-697

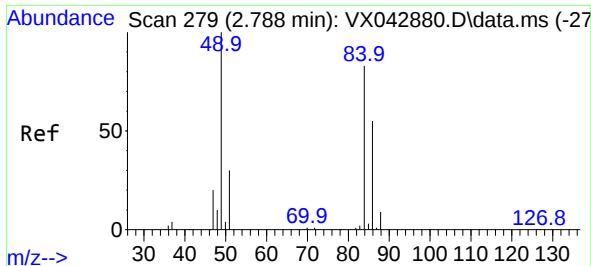
Tgt Ion: 43 Resp: 8687
Ion Ratio Lower Upper
43 100
58 37.9 21.9 32.9#



#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

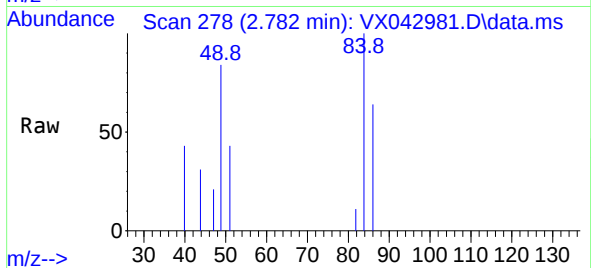
Tgt Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#





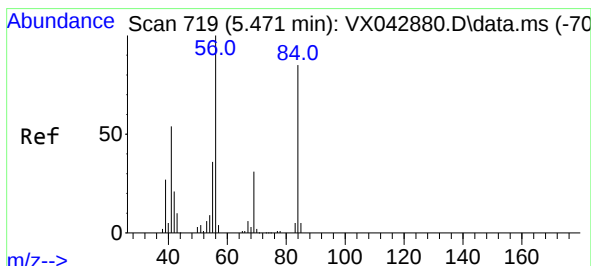
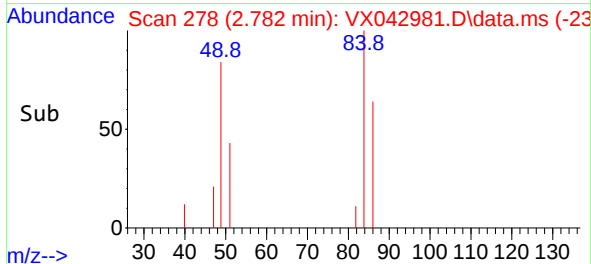
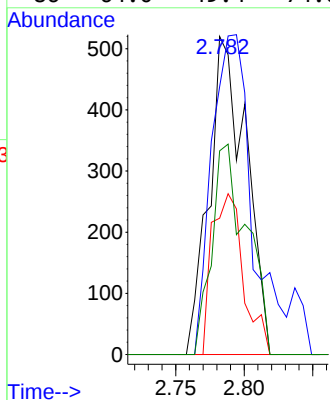
#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

Instrument :
MSVOA_X
ClientSampleId :
MLS-15-682-697



Tgt Ion: 84 Resp: 976

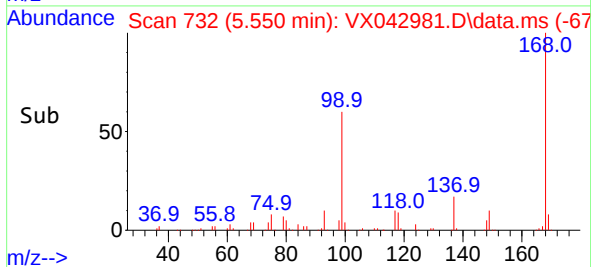
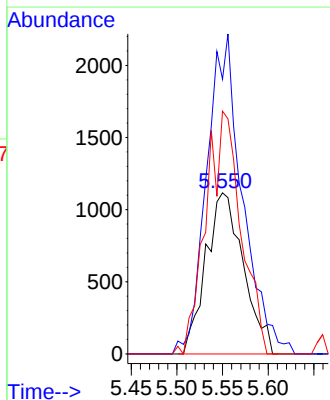
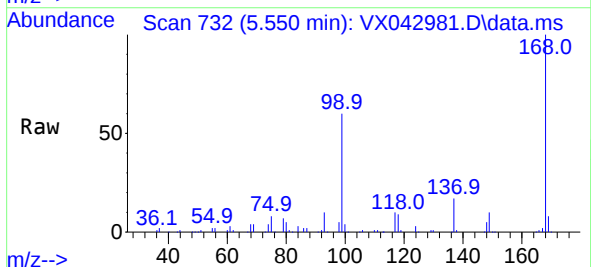
Ion	Ratio	Lower	Upper
84	100		
49	84.2	103.6	155.4#
51	42.9	33.8	50.6
86	64.0	49.4	74.0

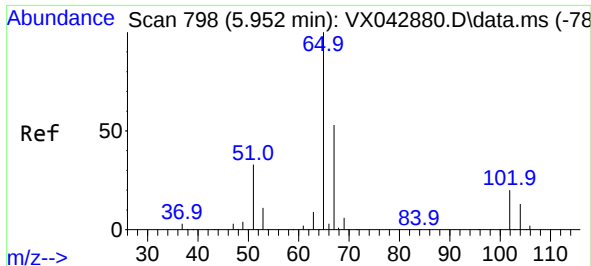


#31
Cyclohexane
Concen: 1.216 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

Tgt Ion: 56 Resp: 3184

Ion	Ratio	Lower	Upper
56	100		
69	163.2	23.4	35.2#
84	150.7	65.9	98.9#

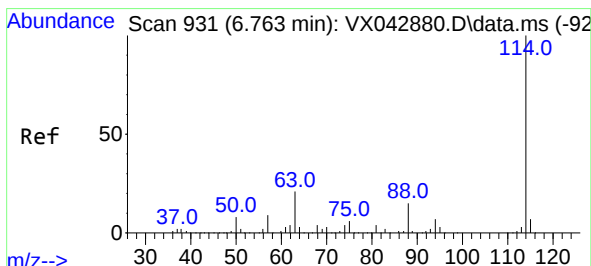
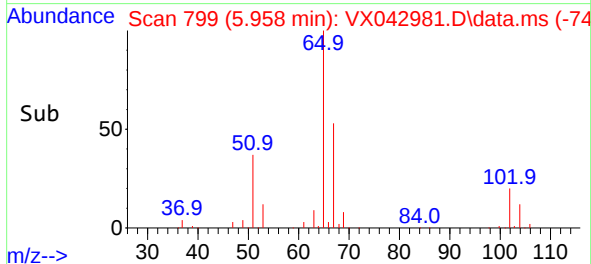
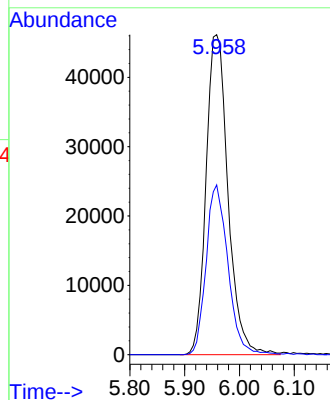
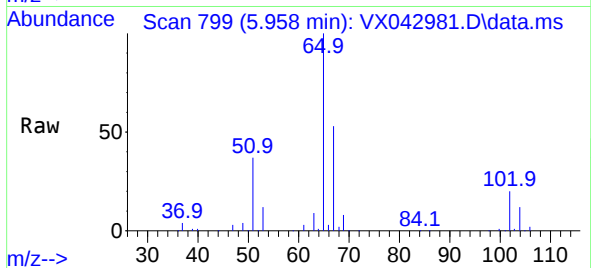




#33
1,2-Dichloroethane-d4
Concen: 61.203 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

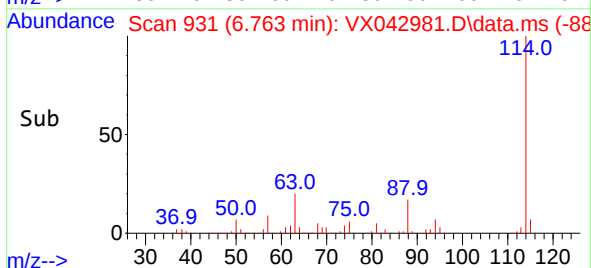
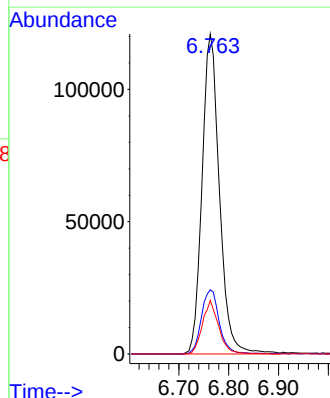
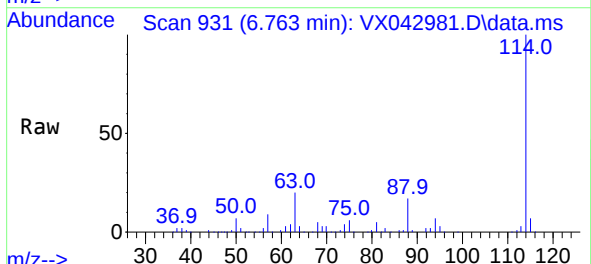
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-682-697

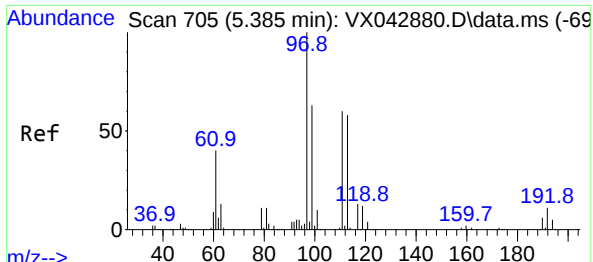
Tgt Ion: 65 Resp: 128036
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

Tgt Ion: 114 Resp: 292787
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.8 0.0 36.6

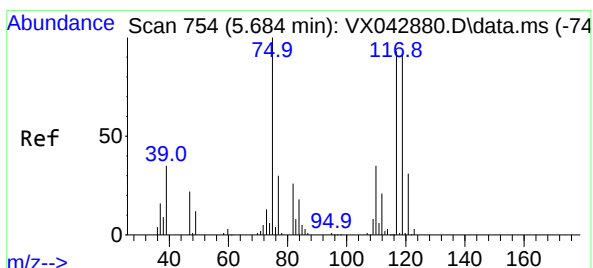
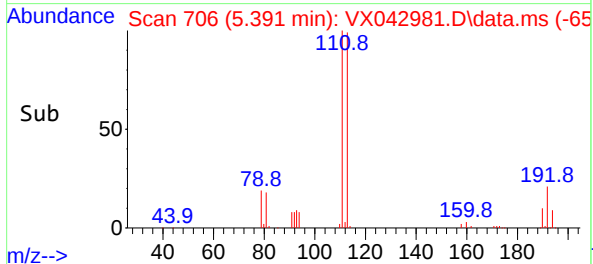
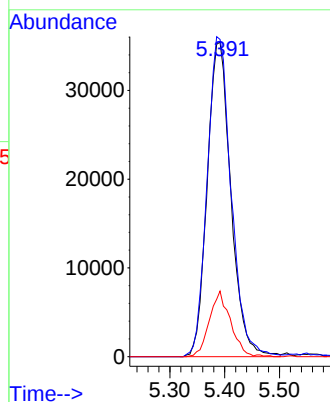
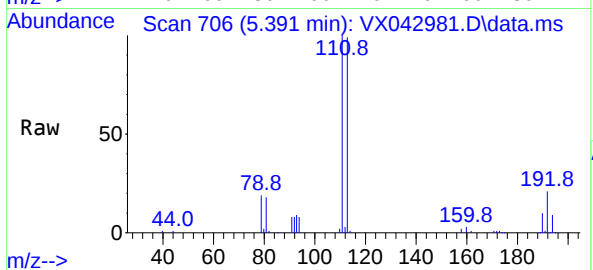




#35
Dibromofluoromethane
Concen: 55.280 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

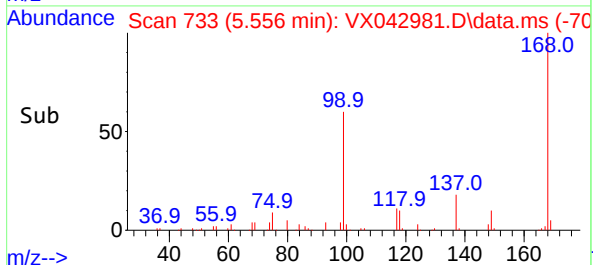
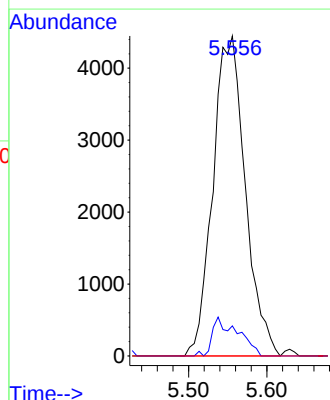
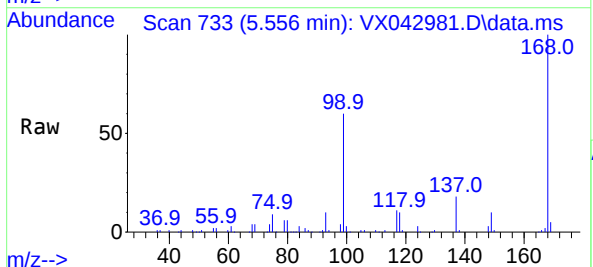
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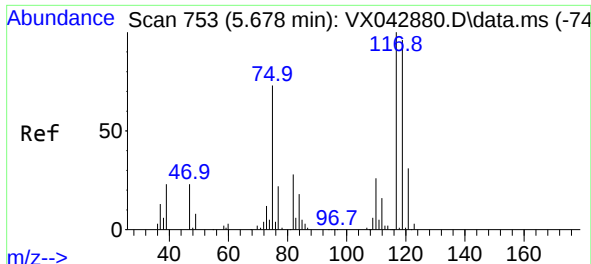
Tgt Ion:113 Resp: 105827
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

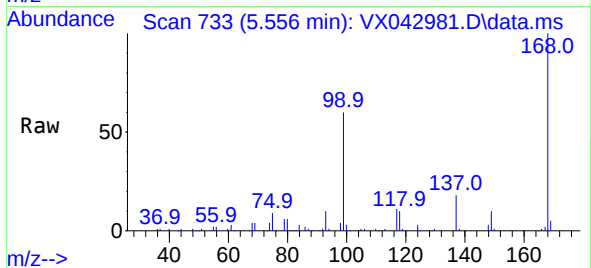
Tgt Ion: 75 Resp: 12760
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



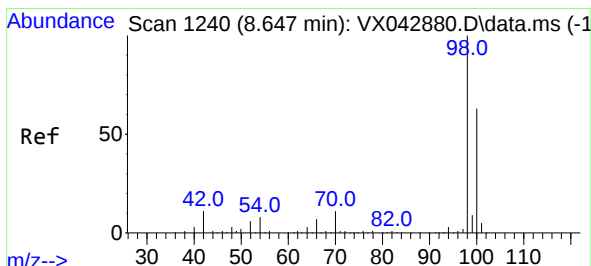
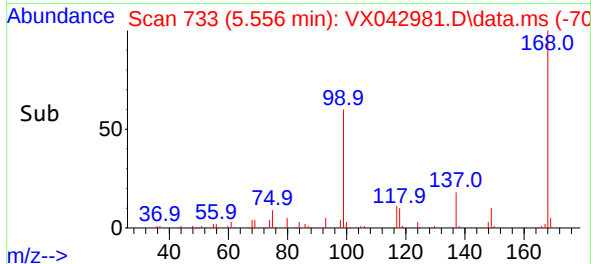
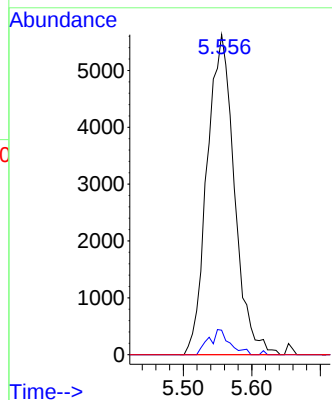


#38
Carbon Tetrachloride
Concen: 5.321 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

Instrument :
MSVOA_X
ClientSampleId :
MLS-15-682-697

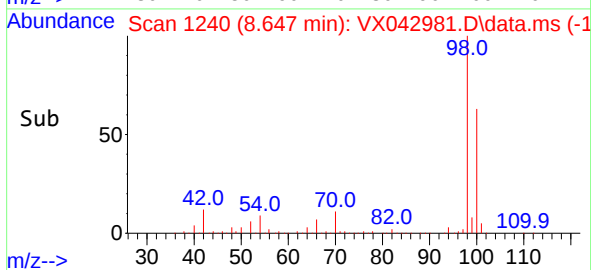
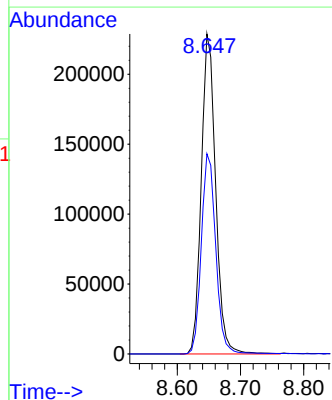
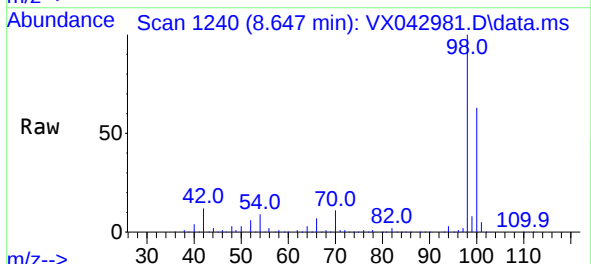


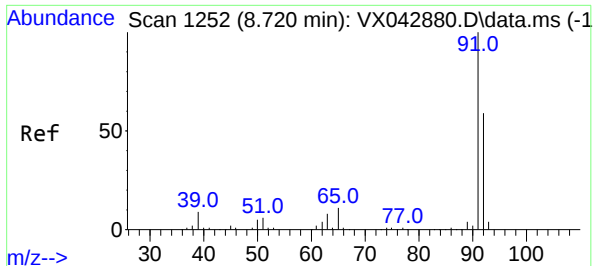
Tgt Ion:117 Resp: 15590
Ion Ratio Lower Upper
117 100
119 7.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 53.250 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

Tgt Ion: 98 Resp: 361895
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7





#52

Toluene

Concen: 22.551 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042981.D

Acq: 09 Aug 2024 08:44

Instrument :

MSVOA_X

ClientSampleId :

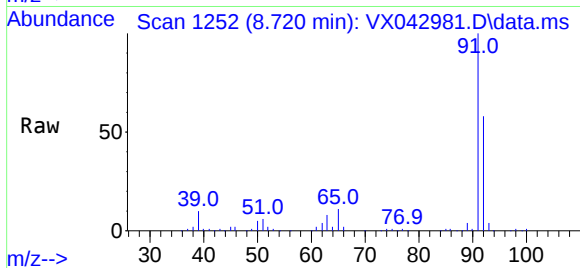
MLS-15-682-697

Tgt Ion: 92 Resp: 110189

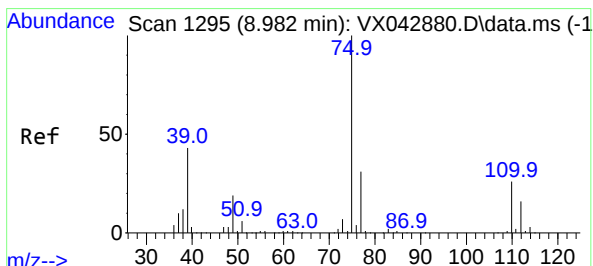
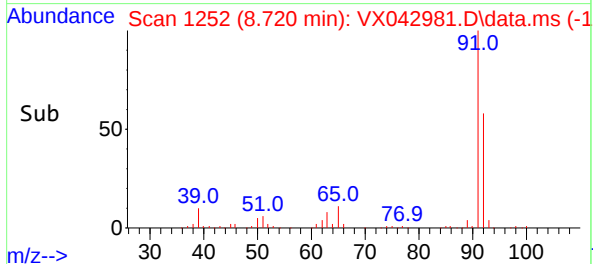
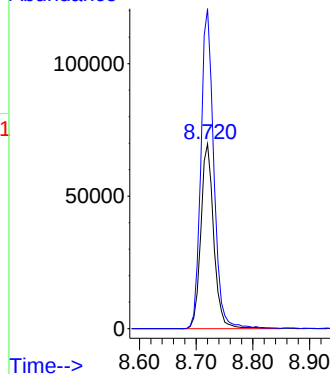
Ion Ratio Lower Upper

92 100

91 173.7 134.2 201.2



Abundance



#53

t-1,3-Dichloropropene

Concen: 0.570 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.268 min

Lab File: VX042981.D

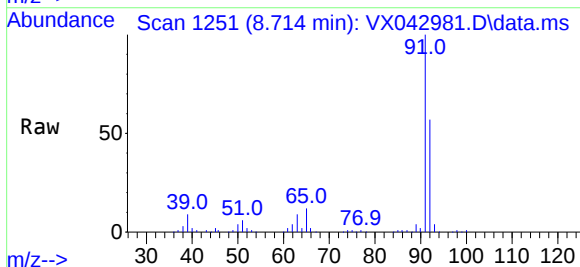
Acq: 09 Aug 2024 08:44

Tgt Ion: 75 Resp: 1470

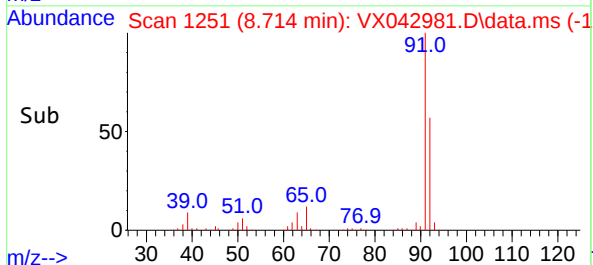
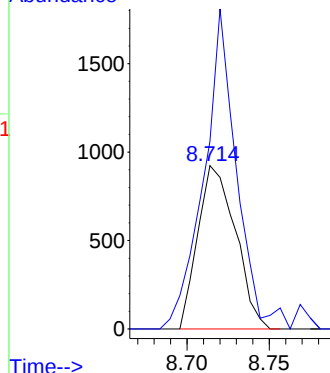
Ion Ratio Lower Upper

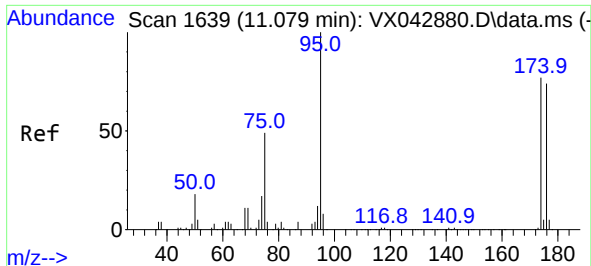
75 100

77 101.9 25.7 38.5#



Abundance

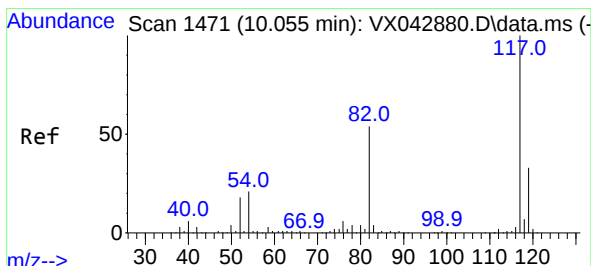
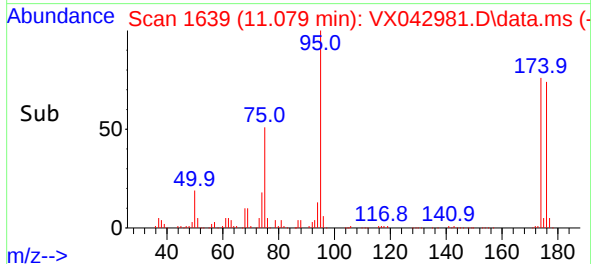
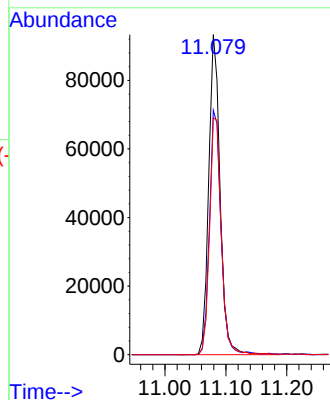
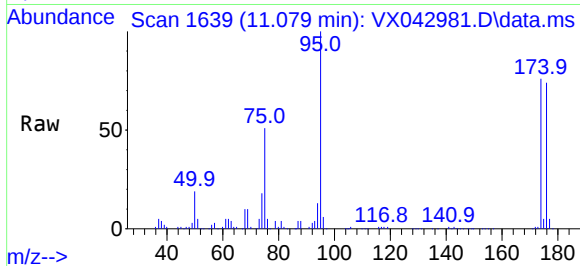




#62
4-Bromofluorobenzene
Concen: 49.471 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

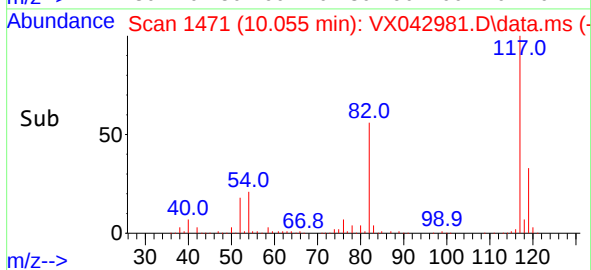
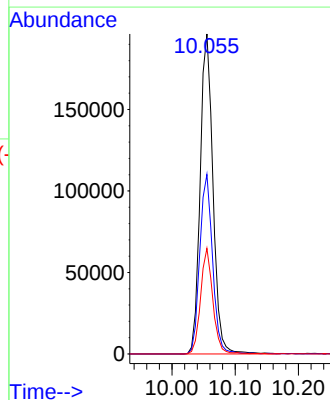
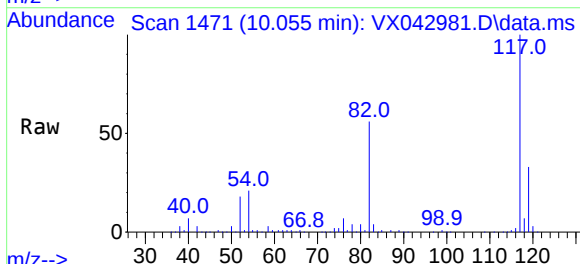
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-682-697

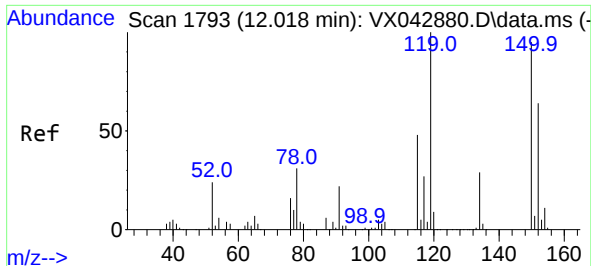
Tgt Ion: 95 Resp: 120817
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 75.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

Tgt Ion: 117 Resp: 277316
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 33.0 25.5 38.3

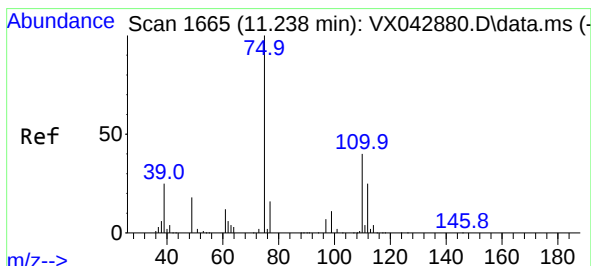
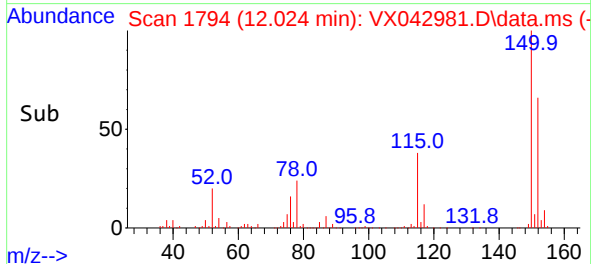
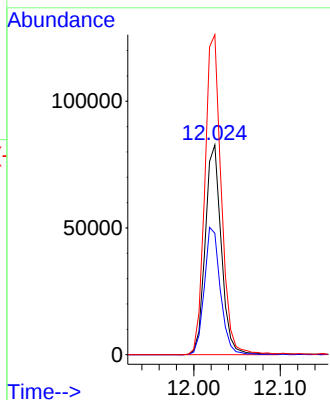
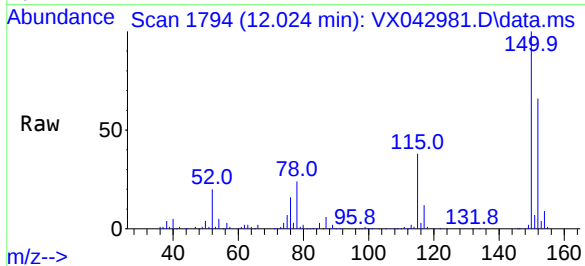




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

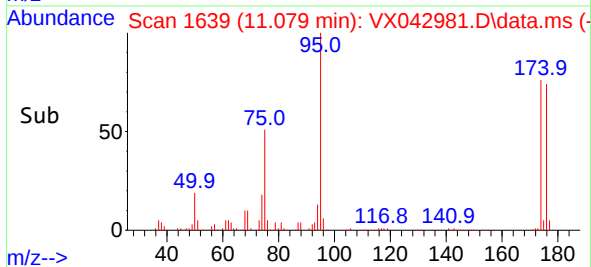
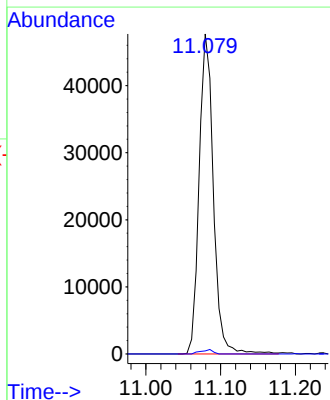
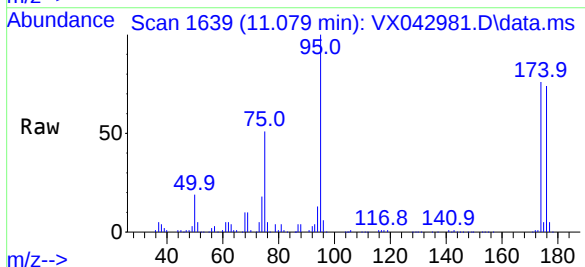
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-682-697

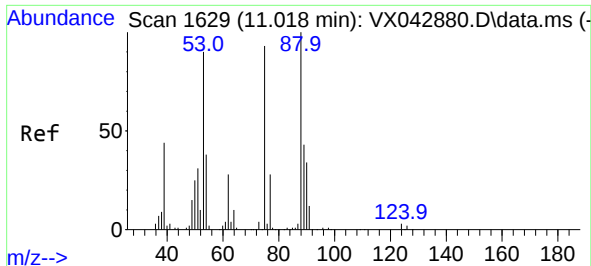
Tgt Ion:152 Resp: 106662
Ion Ratio Lower Upper
152 100
115 60.7 43.3 129.9
150 155.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

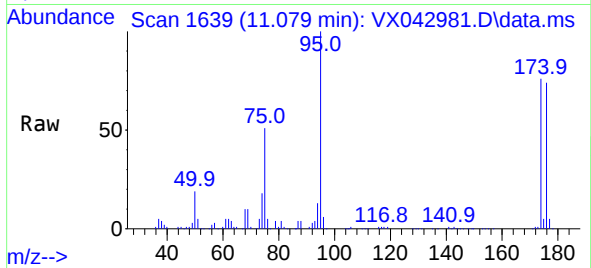
Tgt Ion: 75 Resp: 63026
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.430 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042981.D
Acq: 09 Aug 2024 08:44

Instrument :
MSVOA_X
ClientSampleId :
MLS-15-682-697



Tgt Ion: 75 Resp: 63026
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#

