

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034754.D
 Acq On : 27 Mar 2023 16:59
 Operator : JC/MD
 Sample : 02065-03 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1545

Quant Time: Mar 28 03:21:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

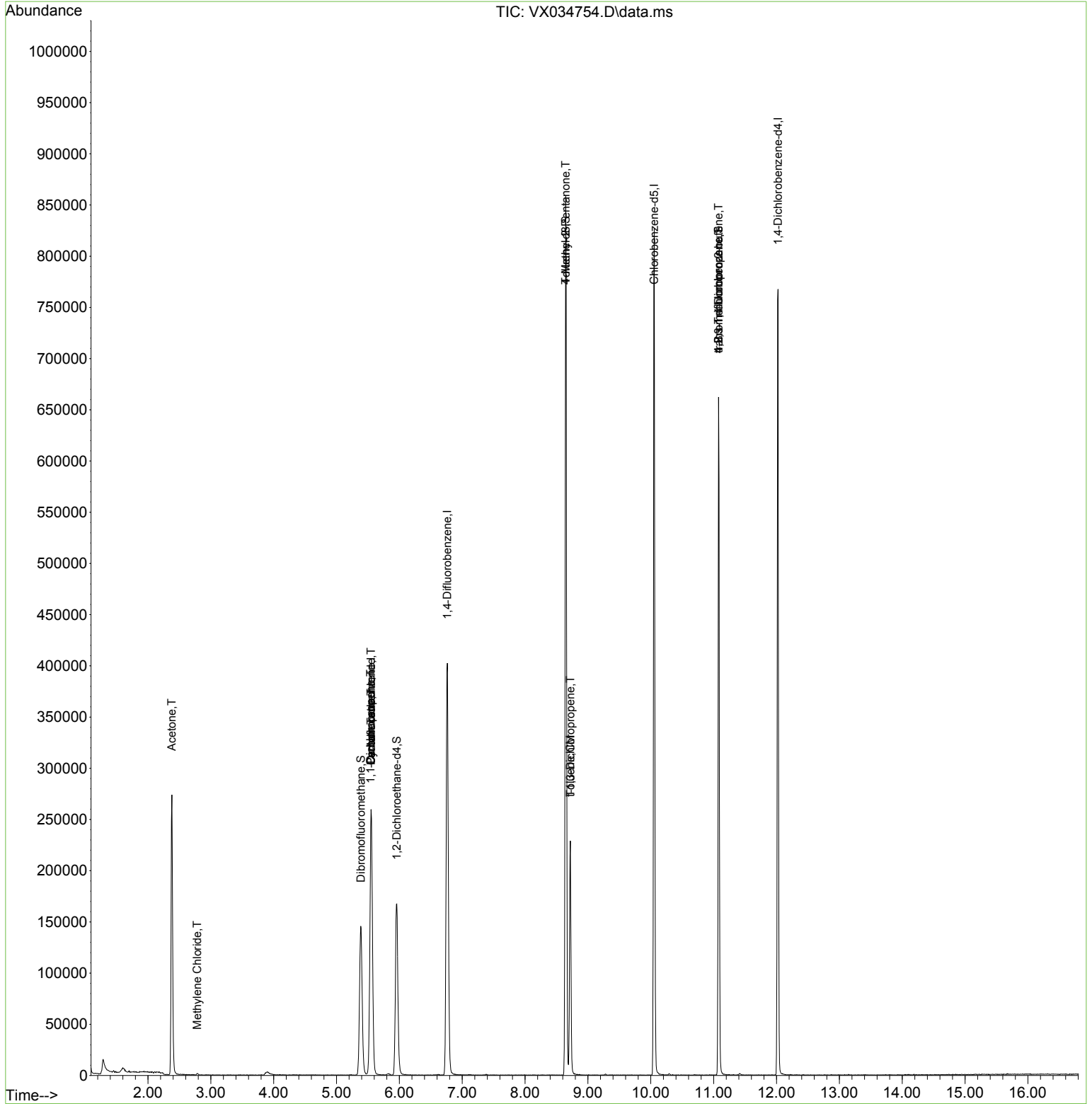
Internal Standards						
1) Pentafluorobenzene	5.550	168	240960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160388	45.753	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.500%
35) Dibromofluoromethane	5.385	113	126229	46.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	484896	48.273	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	170804	42.097	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1014	Below Cal	#	42
16) Acetone	2.380	43	294000	178.046	ug/l	98
20) Methylene Chloride	2.782	84	812	0.253	ug/l #	70
31) Cyclohexane	5.550	56	5643	1.148	ug/l #	3
36) 1,1-Dichloropropene	5.544	75	18846	4.560	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24642	5.993	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2343	0.528	ug/l #	1
52) Toluene	8.720	92	84027	11.226	ug/l	98
53) t-1,3-Dichloropropene	8.720	75	1031	0.220	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	90863	24.963	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	90863	67.532	ug/l #	8

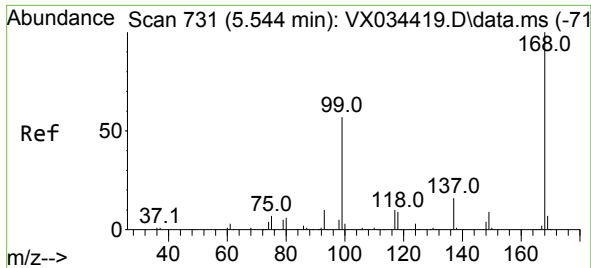
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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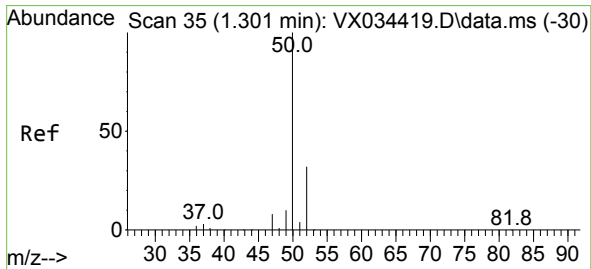
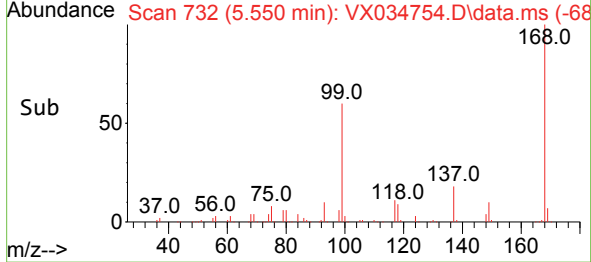
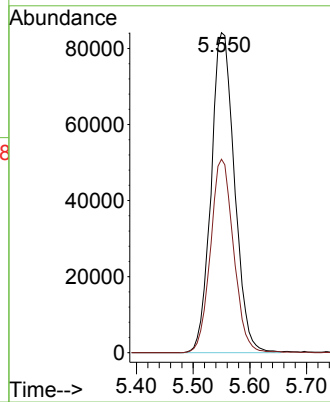
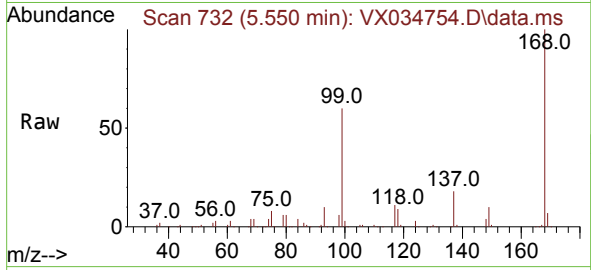




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

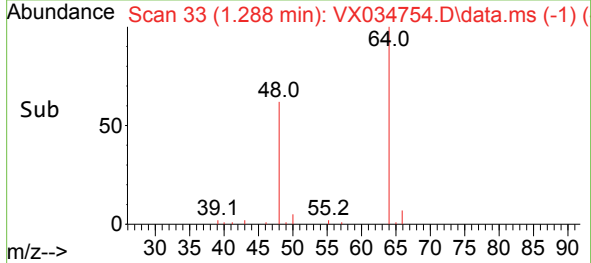
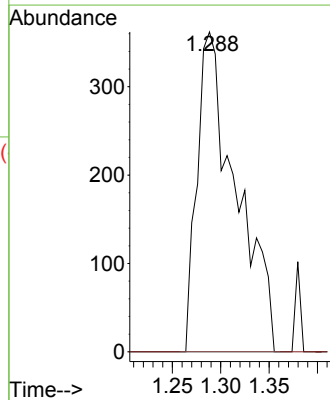
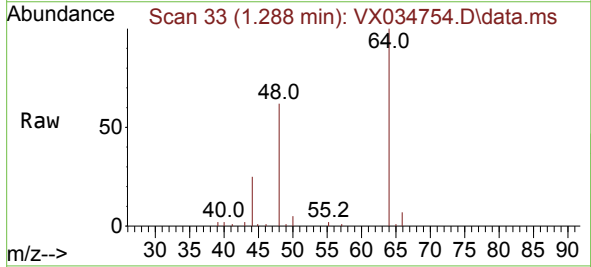
Instrument : MSVOA_X
 ClientSampleId : 1545

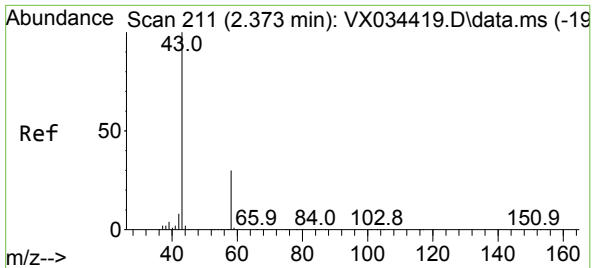
Tgt Ion:168 Resp: 240960
 Ion Ratio Lower Upper
 168 100
 99 60.4 45.7 68.5



#3
 Chloromethane
 Concen: Below Cal
 RT: 1.288 min Scan# 33
 Delta R.T. -0.013 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

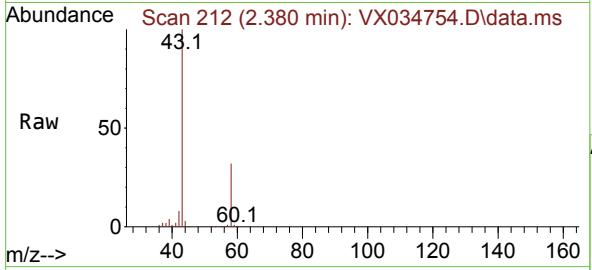
Tgt Ion: 50 Resp: 1014
 Ion Ratio Lower Upper
 50 100
 52 0.0 25.9 38.9#



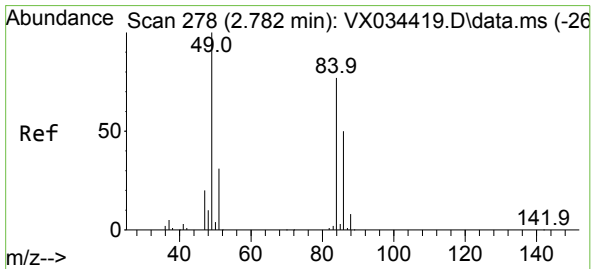
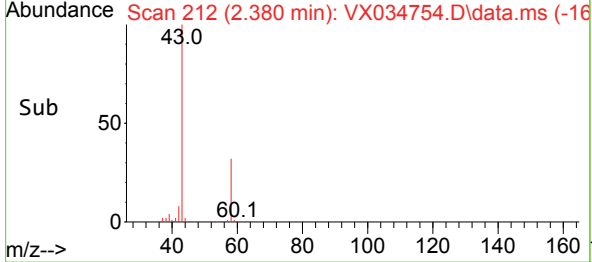
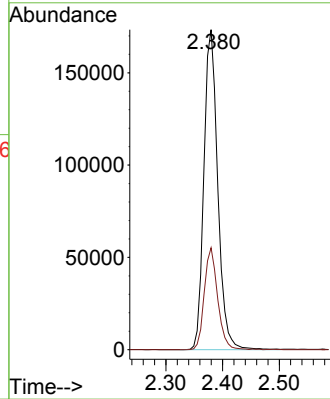


#16
 Acetone
 Concen: 178.046 ug/l
 RT: 2.380 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Instrument : MSVOA_X
 ClientSampleId : 1545

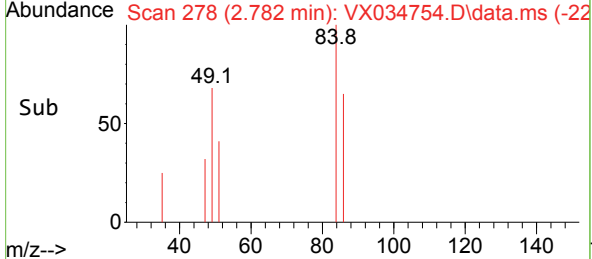
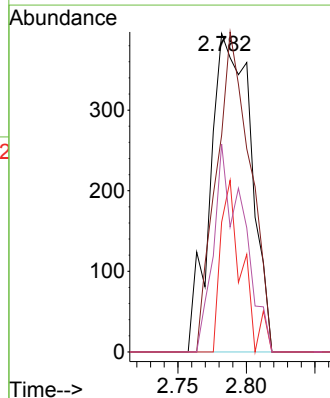
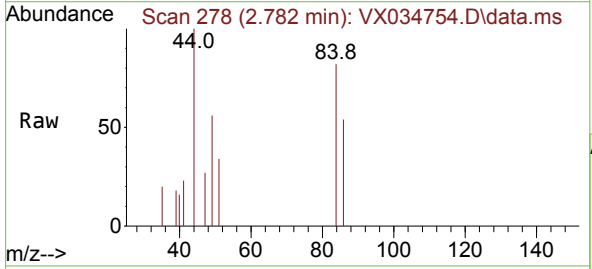


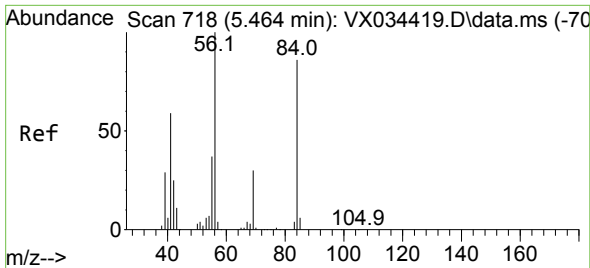
Tgt Ion: 43 Resp: 294000
 Ion Ratio Lower Upper
 43 100
 58 31.9 24.7 37.1



#20
 Methylene Chloride
 Concen: 0.253 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Tgt Ion: 84 Resp: 812
 Ion Ratio Lower Upper
 84 100
 49 68.1 103.8 155.8#
 51 40.8 31.8 47.8
 86 65.3 51.4 77.2

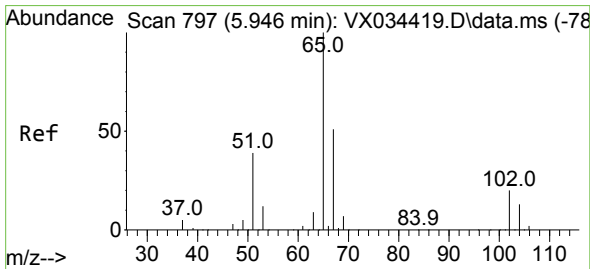
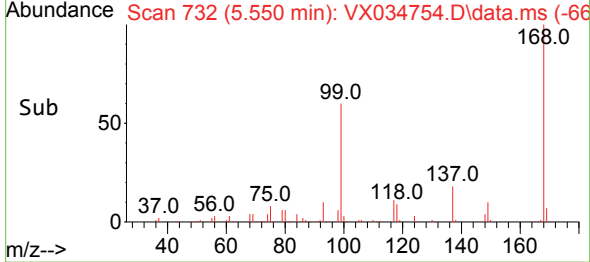
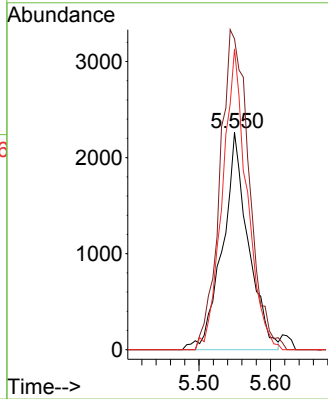
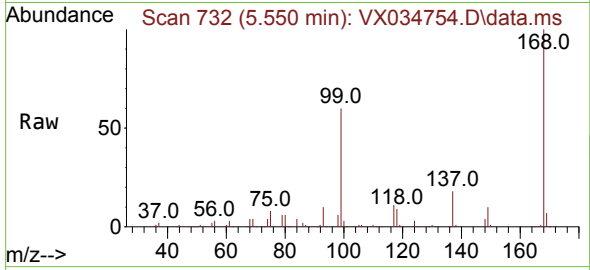




#31
 Cyclohexane
 Concen: 1.148 ug/l
 RT: 5.550 min Scan# 718
 Delta R.T. 0.085 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

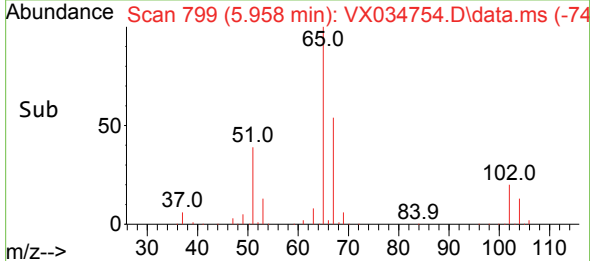
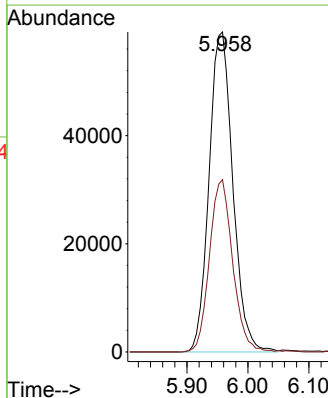
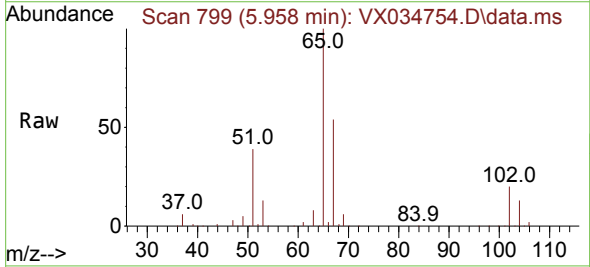
Instrument : MSVOA_X
 ClientSampleId : 1545

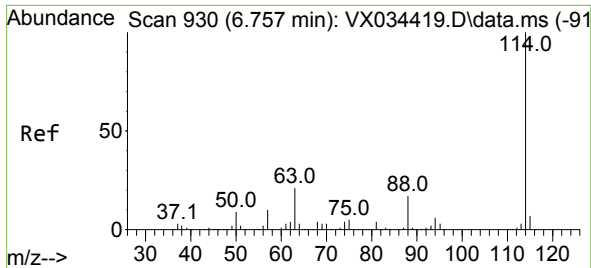
Tgt Ion: 56 Resp: 5643
 Ion Ratio Lower Upper
 56 100
 69 143.0 23.7 35.5#
 84 138.5 68.5 102.7#



#33
 1,2-Dichloroethane-d4
 Concen: 45.753 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.012 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Tgt Ion: 65 Resp: 160388
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.0

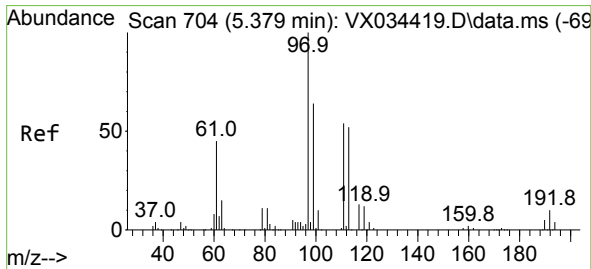
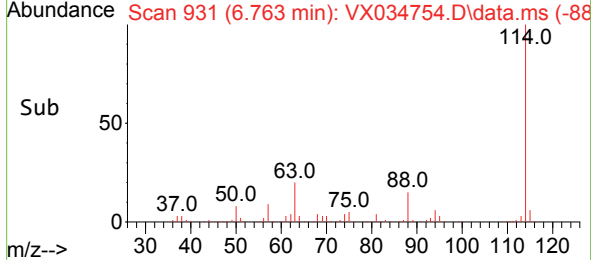
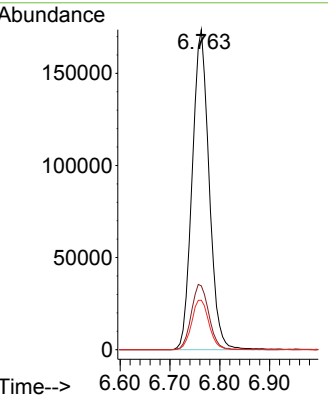
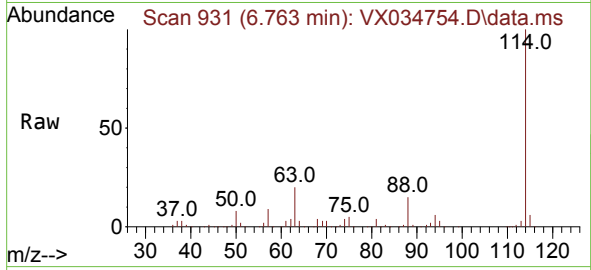




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

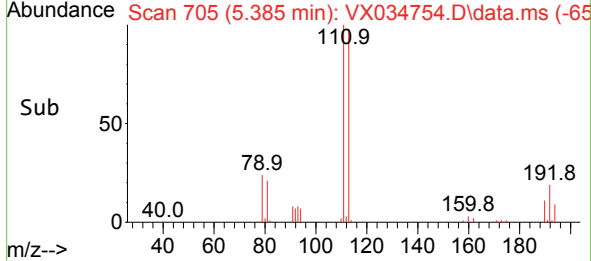
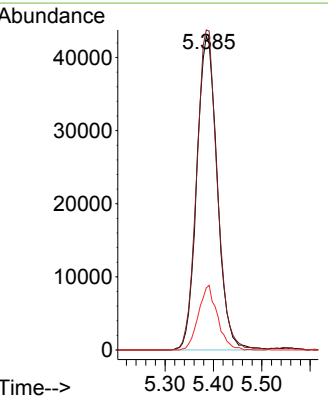
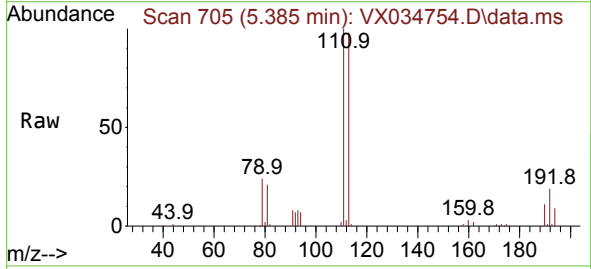
Instrument :
 MSVOA_X
 ClientSampleId :
 1545

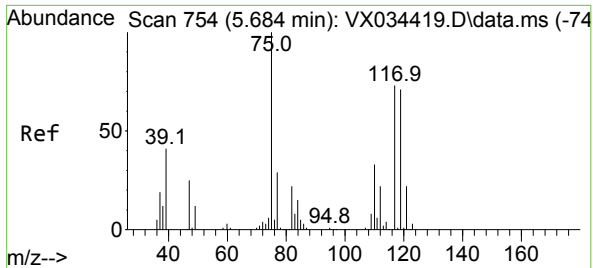
Tgt Ion	Resp	Lower	Upper
114	100		
63	20.0	0.0	42.2
88	15.4	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 46.911 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

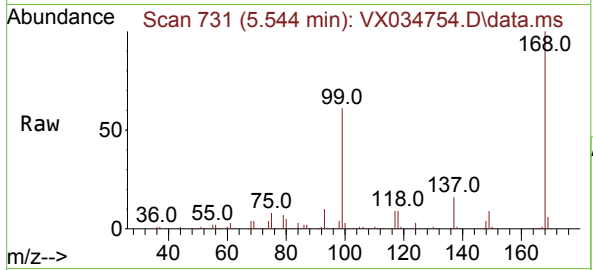
Tgt Ion	Resp	Lower	Upper
113	100		
111	102.2	83.7	125.5
192	19.0	15.4	23.2



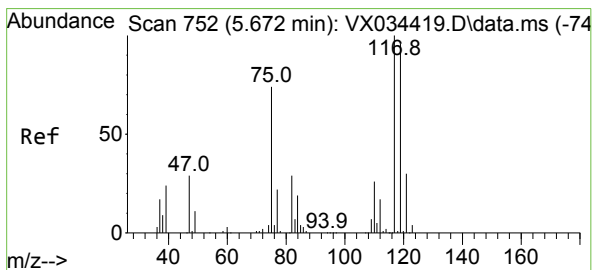
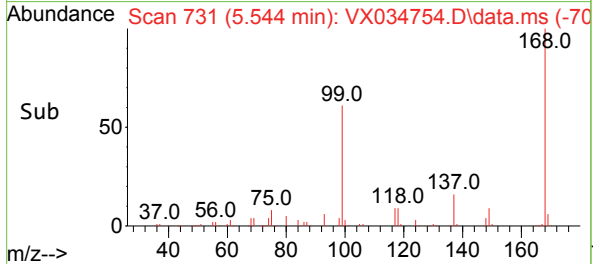
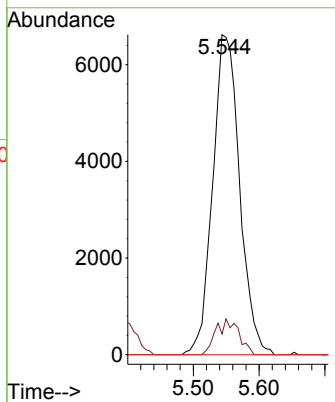


#36
 1,1-Dichloropropene
 Concen: 4.560 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Instrument : MSVOA_X
 ClientSampleId : 1545

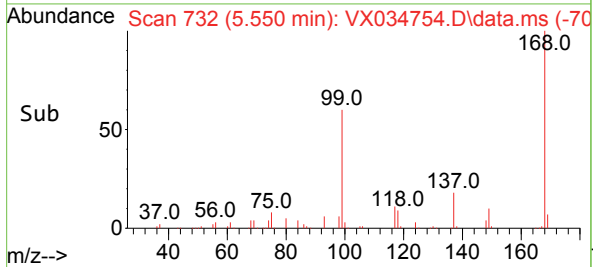
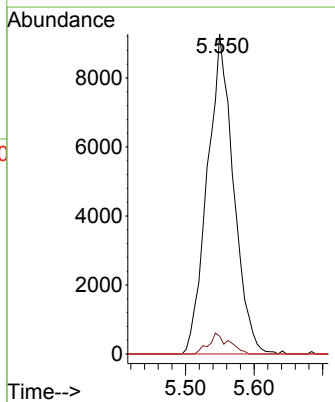
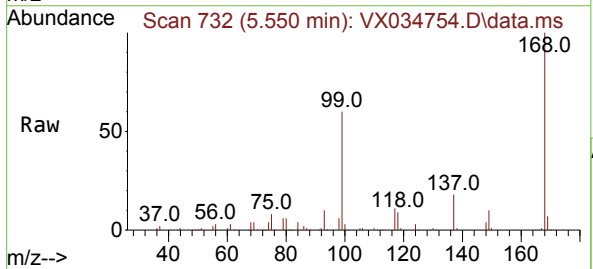


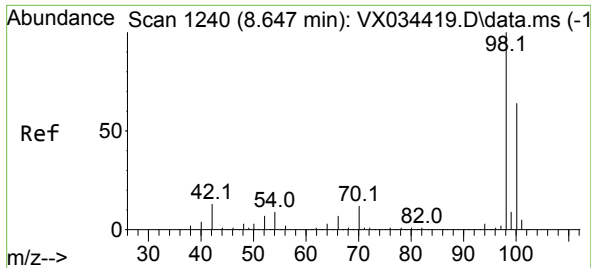
Tgt Ion: 75 Resp: 18846
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.993 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.122 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Tgt Ion: 117 Resp: 24642
 Ion Ratio Lower Upper
 117 100
 119 5.6 76.6 114.8#
 121 0.0 23.8 35.6#

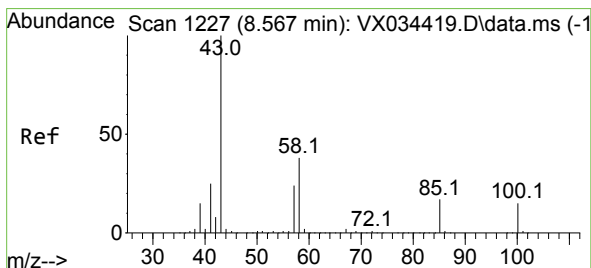
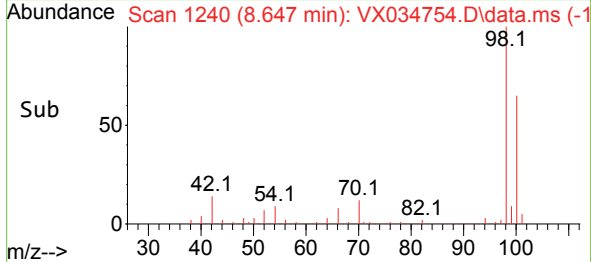
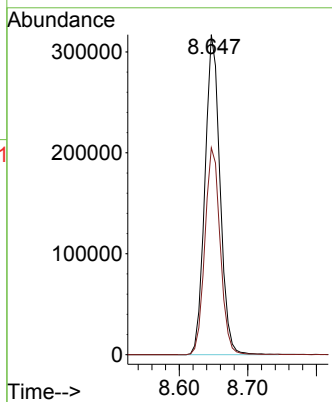
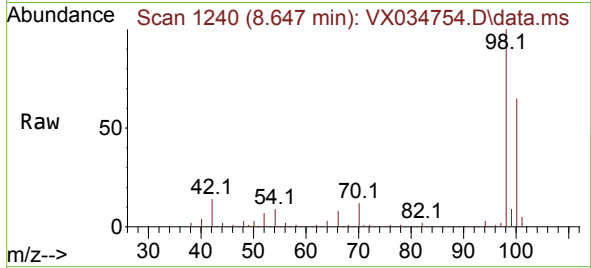




#50
 Toluene-d8
 Concen: 48.273 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

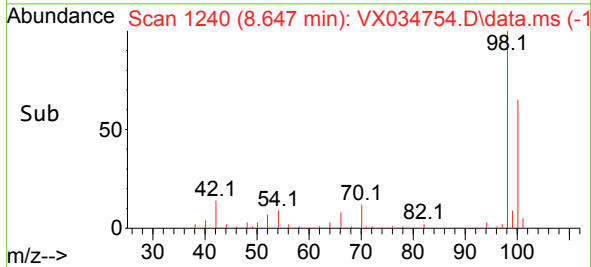
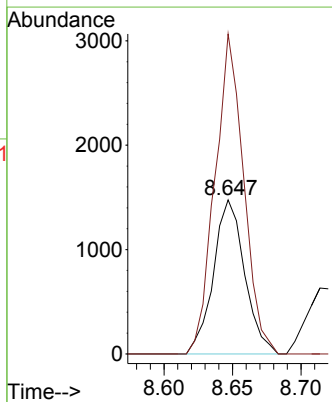
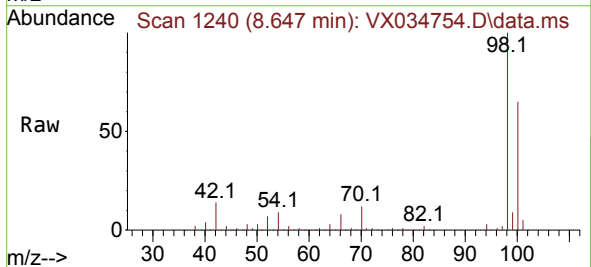
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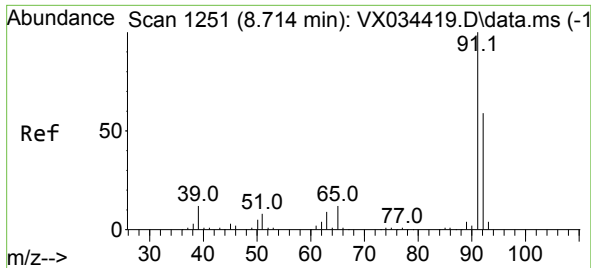
Tgt Ion: 98 Resp: 484896
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.5 78.7



#51
 4-Methyl-2-Pentanone
 Concen: 0.528 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.079 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Tgt Ion: 43 Resp: 2343
 Ion Ratio Lower Upper
 43 100
 58 191.2 30.6 46.0#

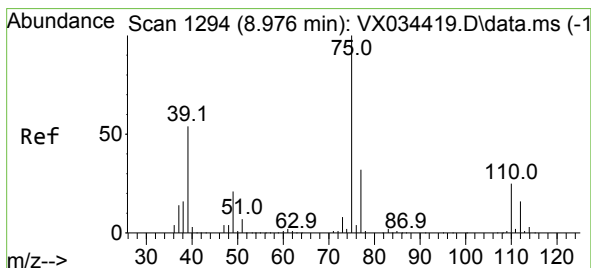
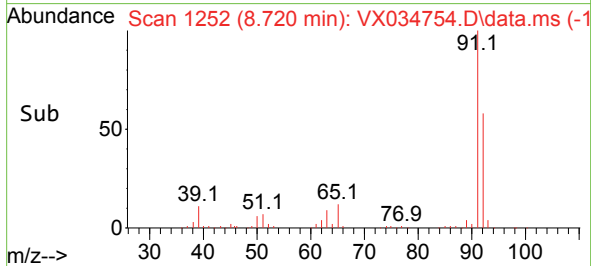
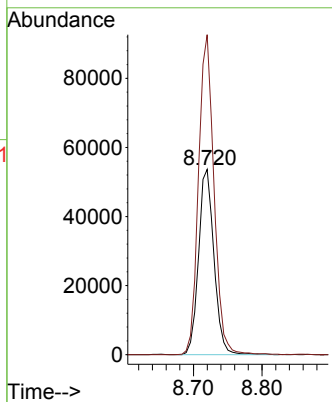
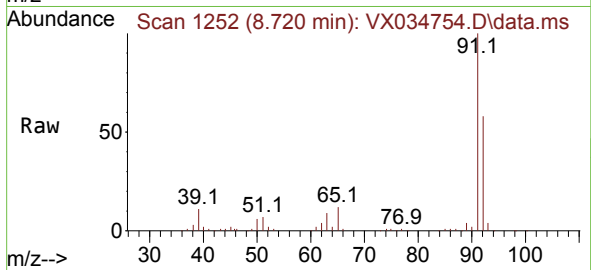




#52
 Toluene
 Concen: 11.226 ug/l
 RT: 8.720 min Scan# 11545
 Delta R.T. 0.006 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

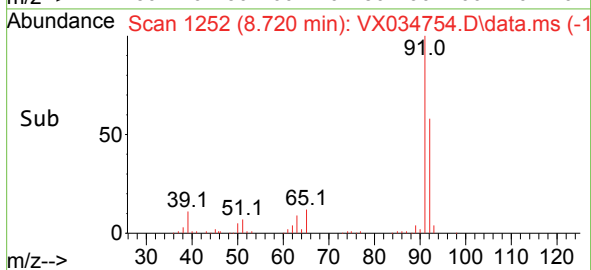
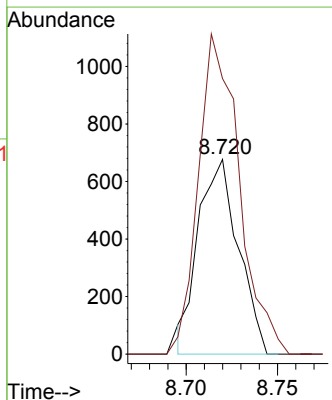
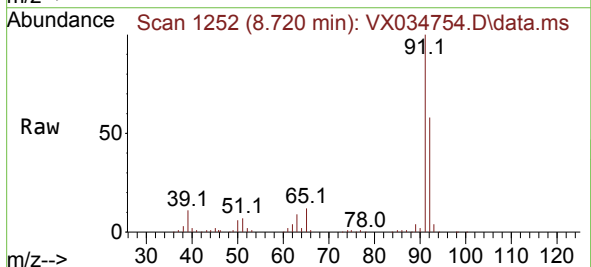
Instrument : MSVOA_X
 ClientSampleId : 1545

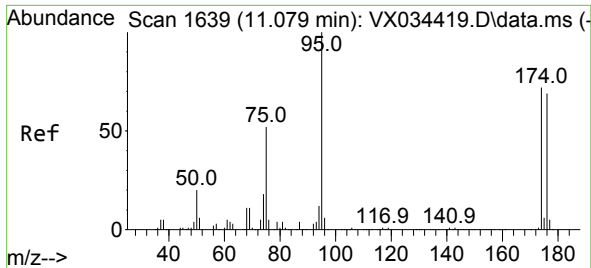
Tgt Ion: 92 Resp: 84027
 Ion Ratio Lower Upper
 92 100
 91 173.7 136.8 205.2



#53
 t-1,3-Dichloropropene
 Concen: 0.220 ug/l
 RT: 8.720 min Scan# 1252
 Delta R.T. -0.256 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Tgt Ion: 75 Resp: 1031
 Ion Ratio Lower Upper
 75 100
 77 133.8 25.4 38.2#



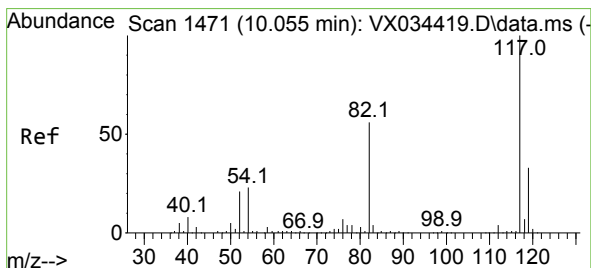
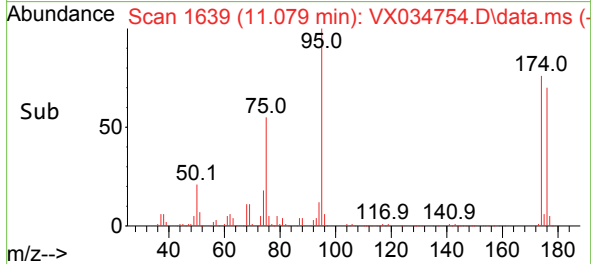
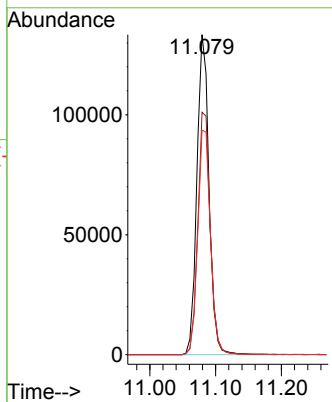
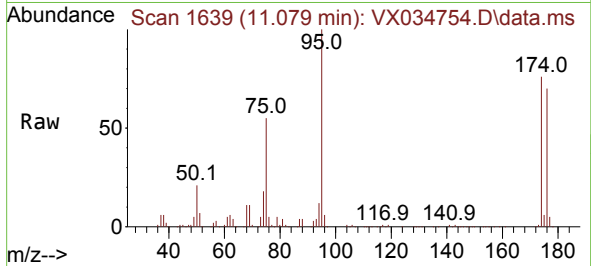


#62
 4-Bromofluorobenzene
 Concen: 42.097 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Instrument : MSVOA_X
 ClientSampleId : 1545

Tgt Ion: 95 Resp: 170804

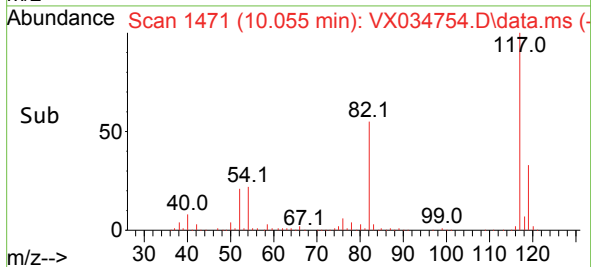
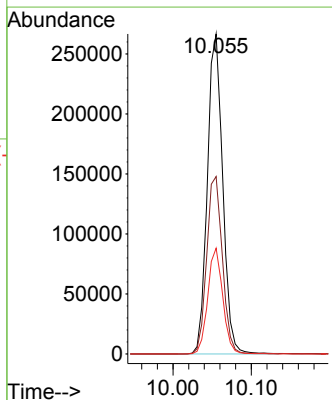
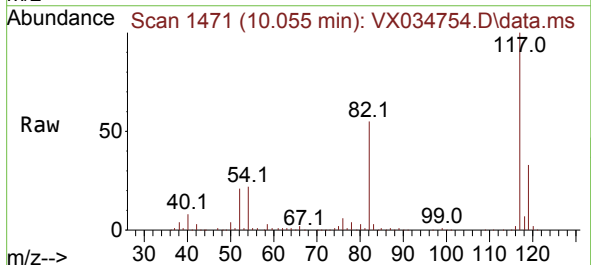
Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	147.4
176	73.9	0.0	140.6

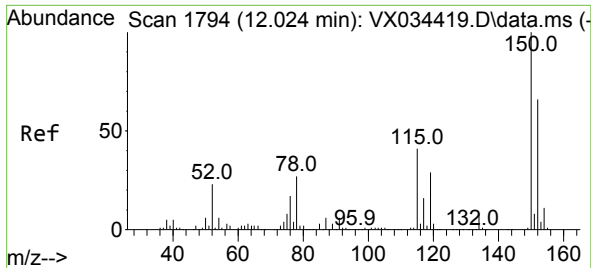


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Tgt Ion: 117 Resp: 362139

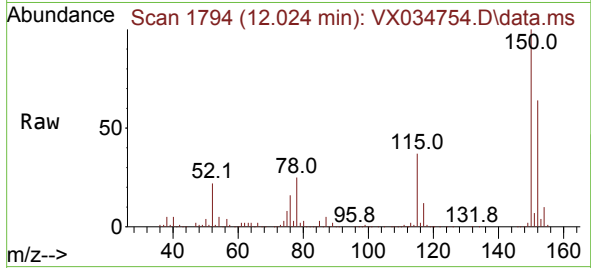
Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.0	67.4
119	33.1	26.0	39.0



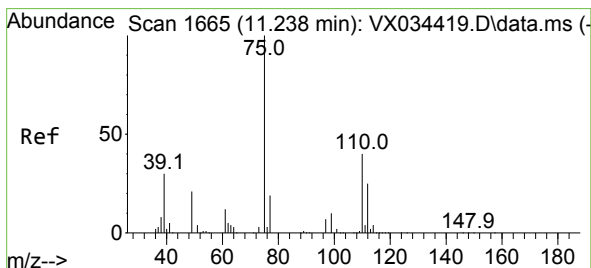
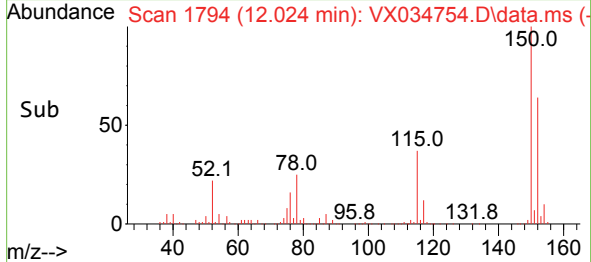
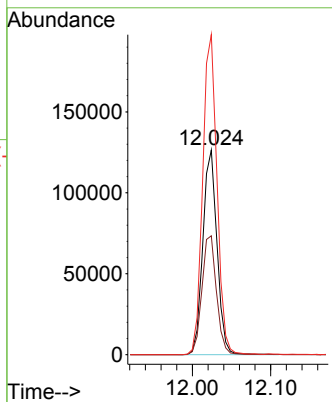


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 1545

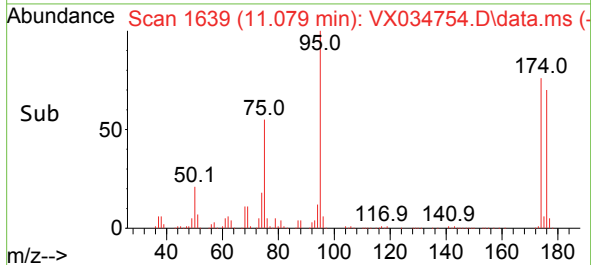
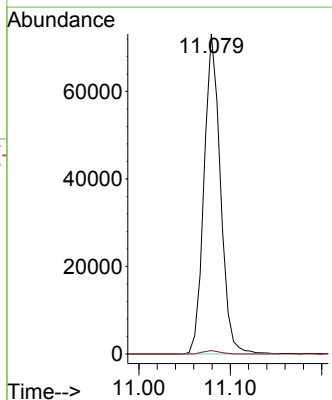
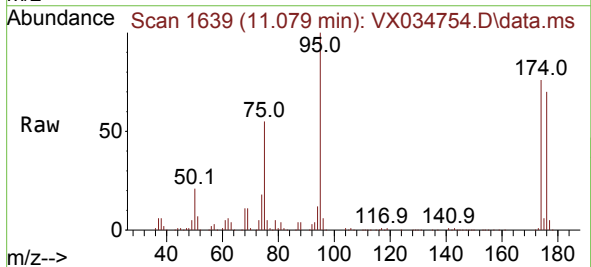


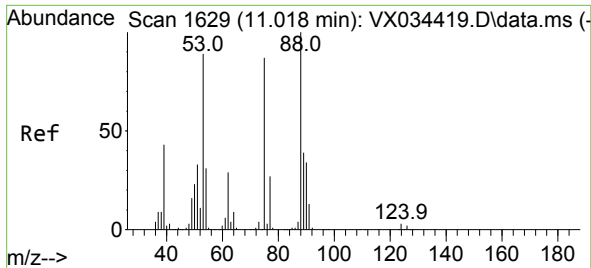
Tgt Ion:152 Resp: 158525
 Ion Ratio Lower Upper
 152 100
 115 59.9 45.0 135.0
 150 157.8 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 24.963 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Tgt Ion: 75 Resp: 90863
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.532 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034754.D
 Acq: 27 Mar 2023 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 1545

Tgt Ion: 75 Resp: 90863
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.1 36.9 55.3#

