

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037883.D
 Acq On : 25 Sep 2023 09:48
 Operator : JC/MD
 Sample : VX0925MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 26 06:55:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

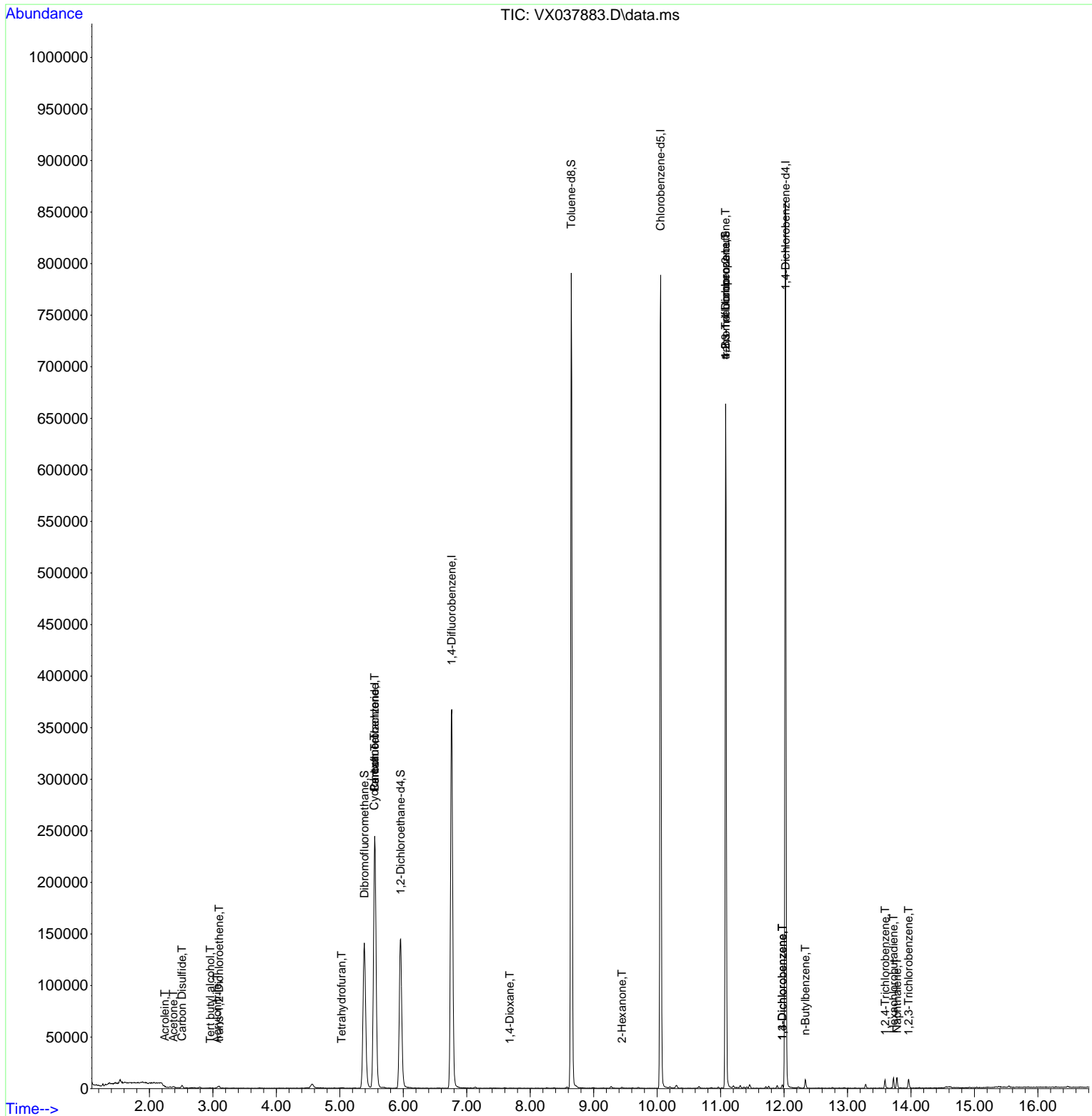
Internal Standards						
1) Pentafluorobenzene	5.550	168	237093	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	389405	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140713	45.172	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	90.340%	
35) Dibromofluoromethane	5.385	113	122947	47.187	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.380%	
50) Toluene-d8	8.647	98	469571	48.504	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.000%	
62) 4-Bromofluorobenzene	11.079	95	171061	48.625	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.260%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	316	0.473	ug/l	# 78
13) Acrolein	2.240	56	617	0.934	ug/l	90
15) Acrylonitrile	3.069	53	941	0.633	ug/l	99
16) Acetone	2.380	43	1484	0.990	ug/l	93
17) Carbon Disulfide	2.514	76	2659	0.459	ug/l	# 93
21) trans-1,2-Dichloroethene	3.099	96	636	0.248	ug/l	# 73
29) Tetrahydrofuran	5.026	42	300	0.228	ug/l	# 60
31) Cyclohexane	5.544	56	5116	1.280	ug/l	# 22
38) Carbon Tetrachloride	5.550	117	23313	6.208	ug/l	# 15
49) 1,4-Dioxane	7.678	88	161	2.036	ug/l	# 26
59) 2-Hexanone	9.446	43	858	0.275	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	87045	20.658	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	87045	66.175	ug/l	# 5
87) 1,3-Dichlorobenzene	11.970	146	1338	0.217	ug/l	97
88) 1,4-Dichlorobenzene	11.970	146	1338	0.212	ug/l	98
89) n-Butylbenzene	12.335	91	2923	0.289	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	2293	0.618	ug/l	89
94) Hexachlorobutadiene	13.725	225	1339	0.773	ug/l	93
95) Naphthalene	13.780	128	7313	0.583	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2546	0.667	ug/l	93

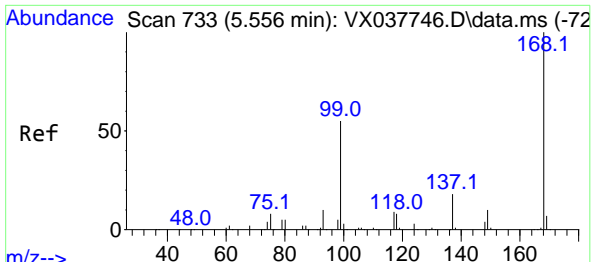
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

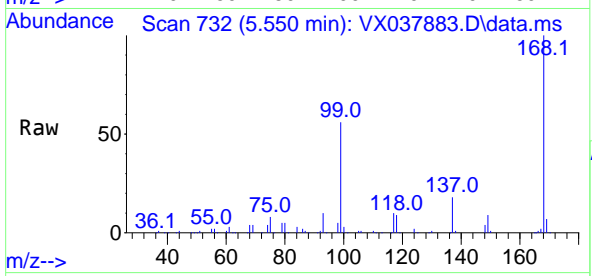
Quant Time: Sep 26 06:55:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
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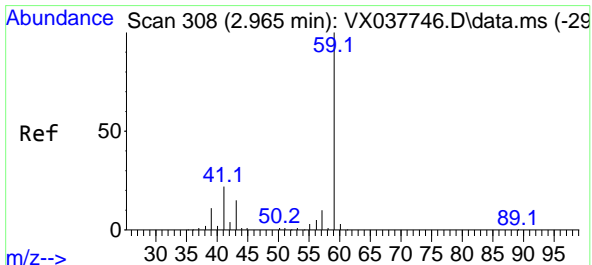
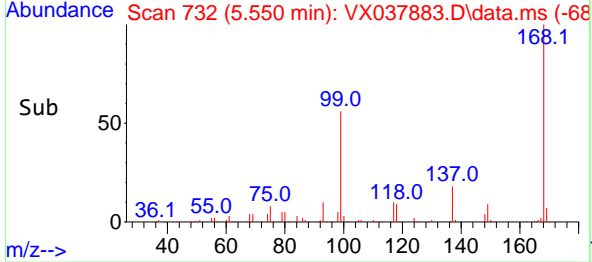
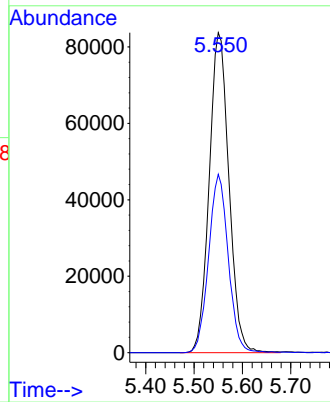


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

Instrument :
 MSVOA_X
 ClientSampleId :

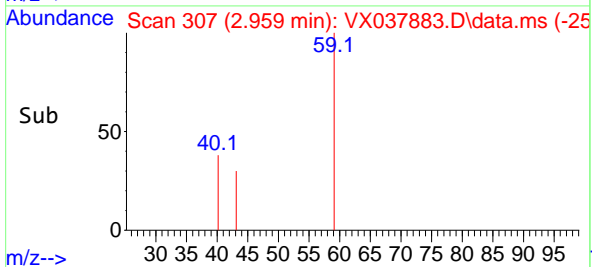
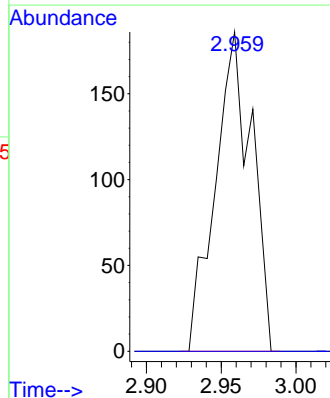
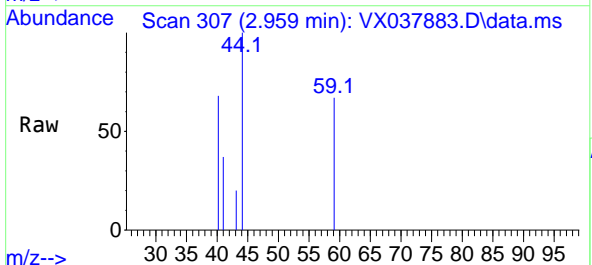


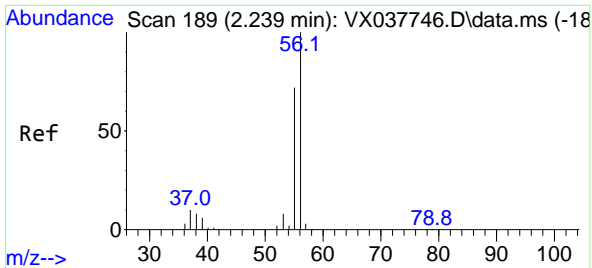
Tgt Ion:168 Resp: 237093
 Ion Ratio Lower Upper
 168 100
 99 55.8 56.6 85.0#



#11
 Tert butyl alcohol
 Concen: 0.473 ug/l
 RT: 2.959 min Scan# 307
 Delta R.T. -0.006 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

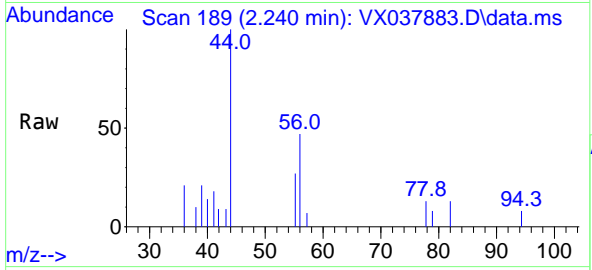
Tgt Ion: 59 Resp: 316
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0#



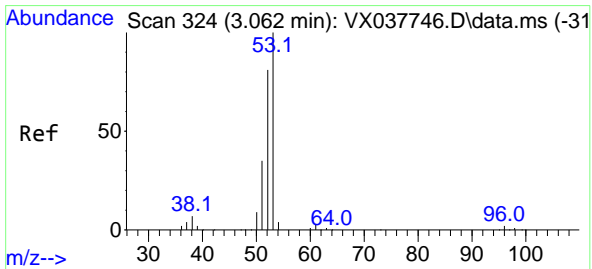
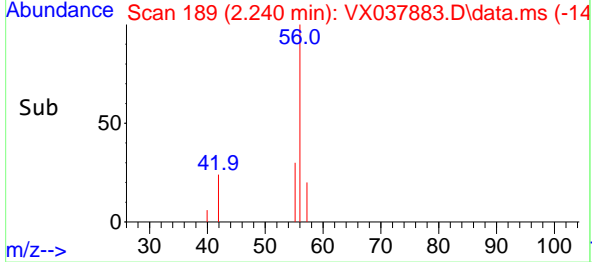
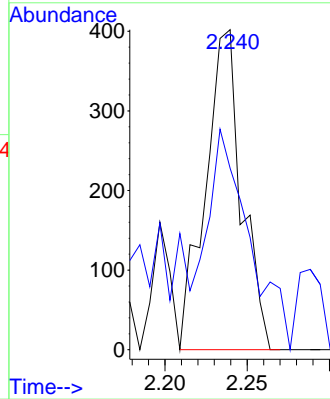


#13
 Acrolein
 Concen: 0.934 ug/l
 RT: 2.240 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

Instrument :
 MSVOA_X
 ClientSampleId :

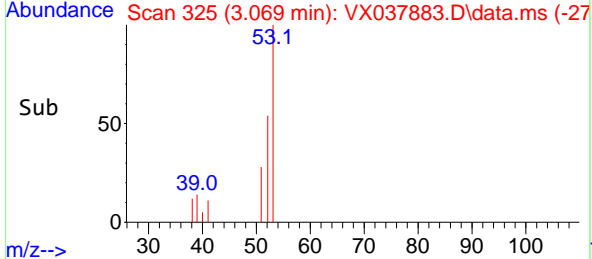
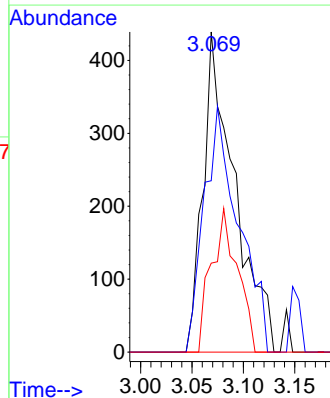
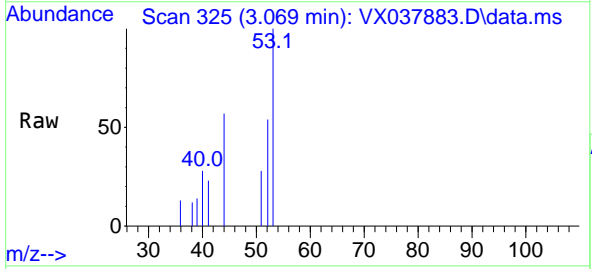


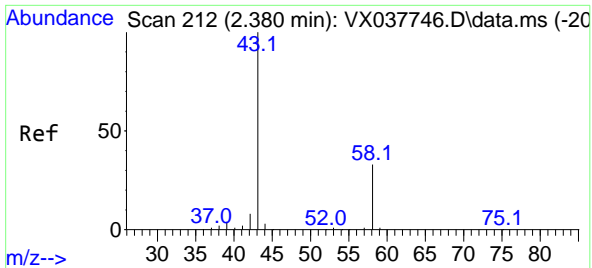
Tgt Ion: 56 Resp: 617
 Ion Ratio Lower Upper
 56 100
 55 79.7 57.1 85.7



#15
 Acrylonitrile
 Concen: 0.633 ug/l
 RT: 3.069 min Scan# 325
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

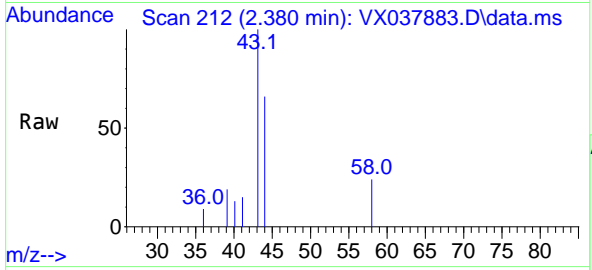
Tgt Ion: 53 Resp: 941
 Ion Ratio Lower Upper
 53 100
 52 84.0 66.0 99.0
 51 37.1 29.8 44.6



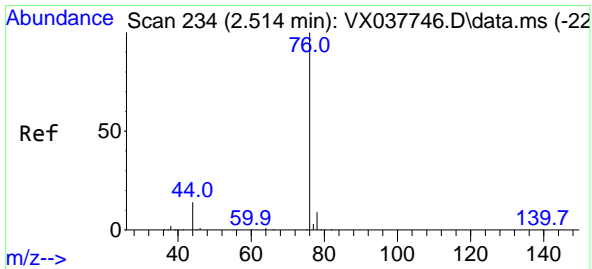
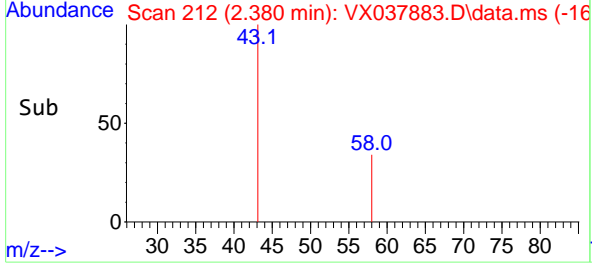
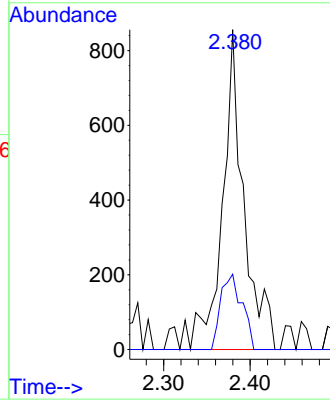


#16
 Acetone
 Concen: 0.990 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

Instrument : MSVOA_X
 ClientSampleId :

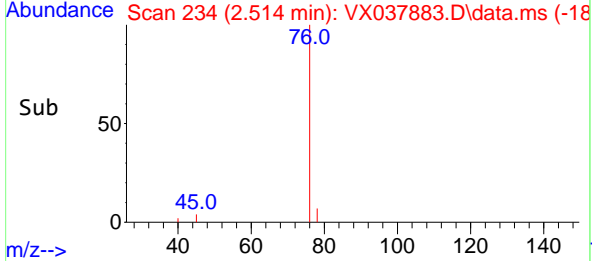
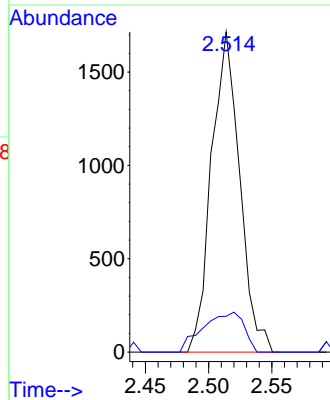
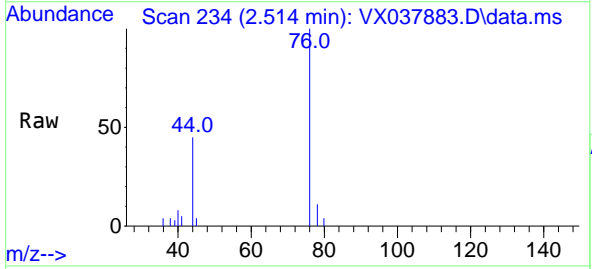


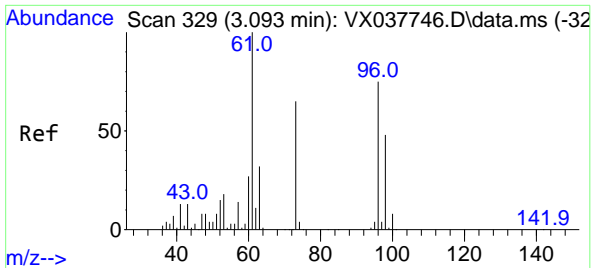
Tgt Ion: 43 Resp: 1484
 Ion Ratio Lower Upper
 43 100
 58 23.6 21.9 32.9



#17
 Carbon Disulfide
 Concen: 0.459 ug/l
 RT: 2.514 min Scan# 234
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

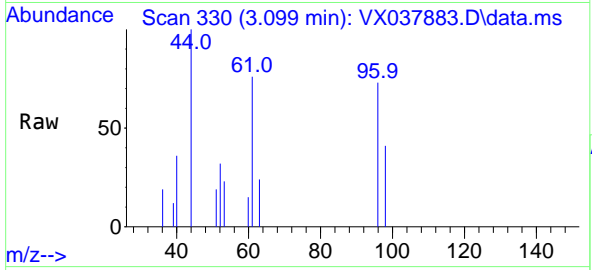
Tgt Ion: 76 Resp: 2659
 Ion Ratio Lower Upper
 76 100
 78 11.2 7.0 10.6#



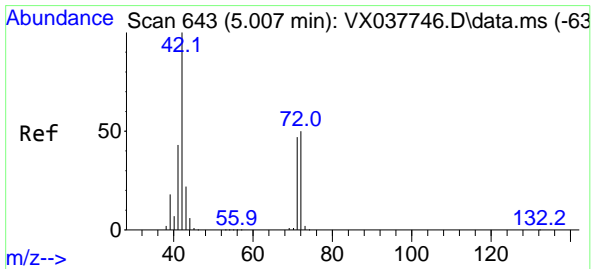
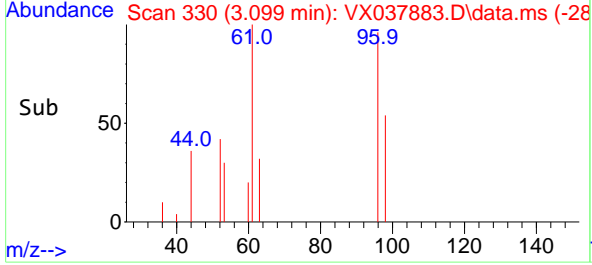
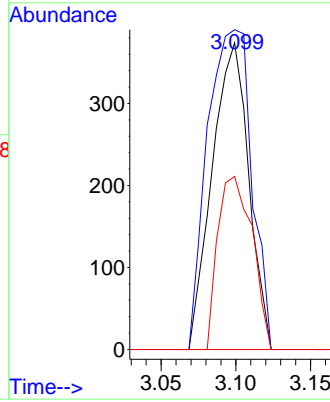


#21
 trans-1,2-Dichloroethene
 Concen: 0.248 ug/l
 RT: 3.099 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

Instrument :
 MSVOA_X
 ClientSampleId :

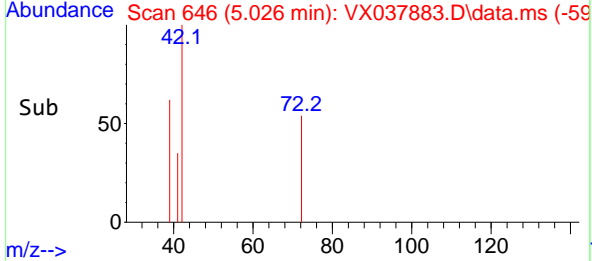
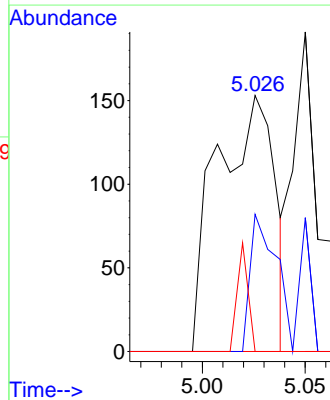
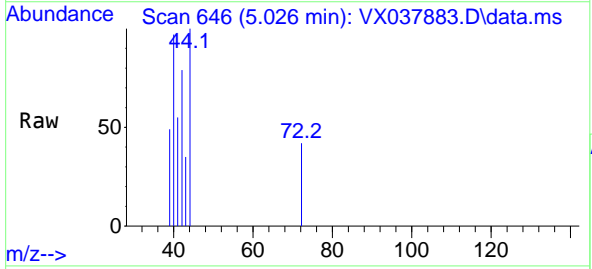


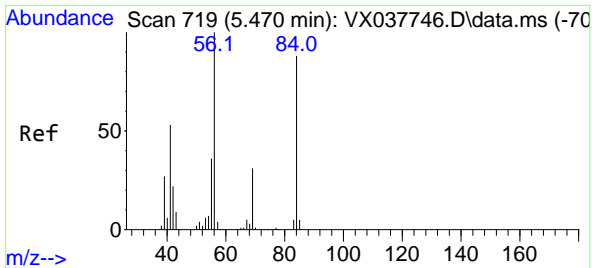
Tgt Ion: 96 Resp: 636
 Ion Ratio Lower Upper
 96 100
 61 104.3 119.2 178.8#
 98 56.4 48.7 73.1



#29
 Tetrahydrofuran
 Concen: 0.228 ug/l
 RT: 5.026 min Scan# 646
 Delta R.T. 0.012 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

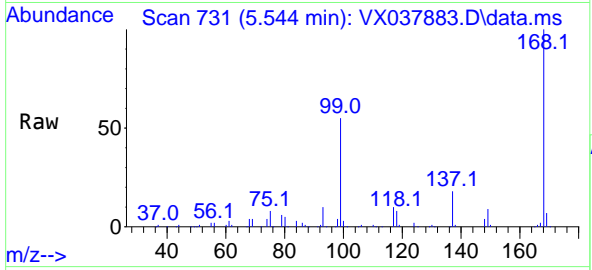
Tgt Ion: 42 Resp: 300
 Ion Ratio Lower Upper
 42 100
 72 24.0 34.2 51.4#
 71 8.0 32.2 48.2#





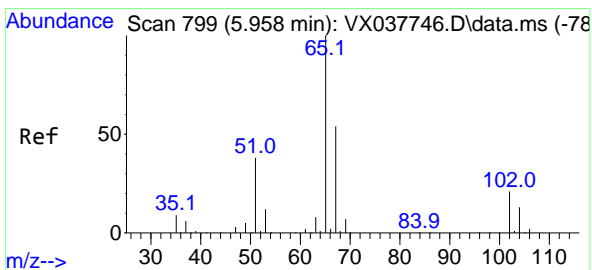
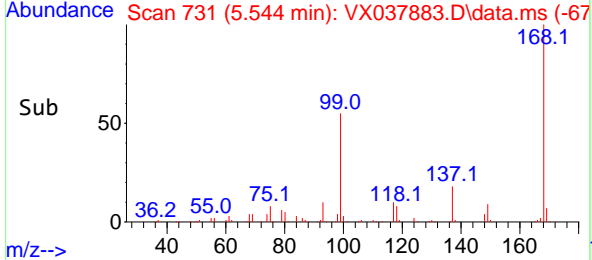
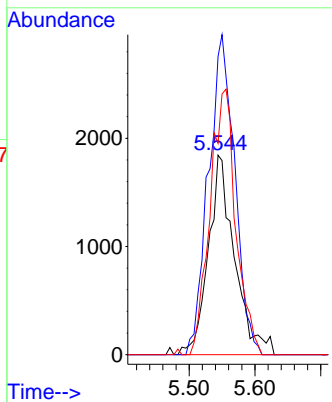
#31
 Cyclohexane
 Concen: 1.280 ug/l
 RT: 5.544 min Scan# 719
 Delta R.T. 0.073 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

Instrument : MSVOA_X
 ClientSampleId :



Tgt Ion: 56 Resp: 5116

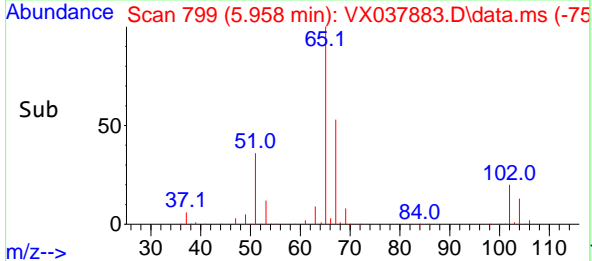
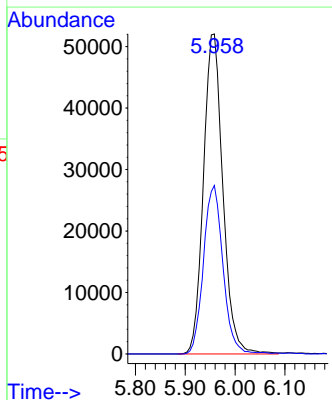
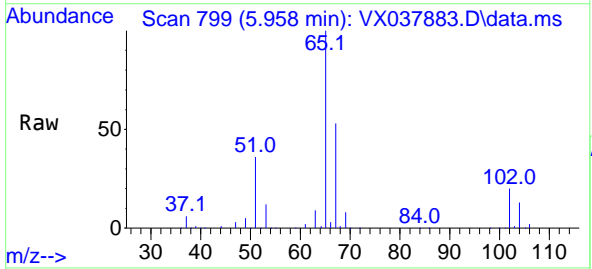
Ion	Ratio	Lower	Upper
56	100		
69	149.3	23.4	35.2#
84	105.9	65.9	98.9#

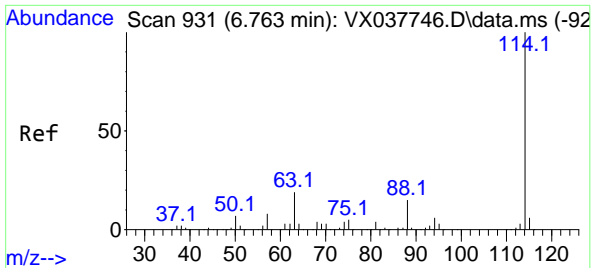


#33
 1,2-Dichloroethane-d4
 Concen: 45.172 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

Tgt Ion: 65 Resp: 140713

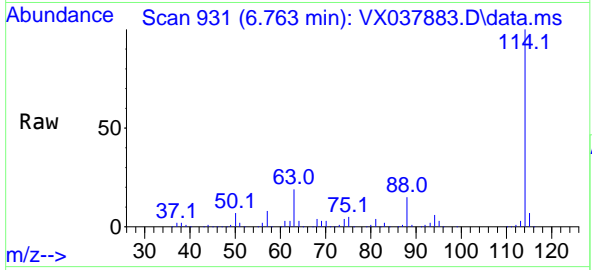
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	100.2



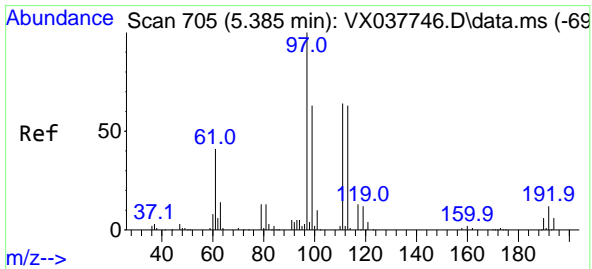
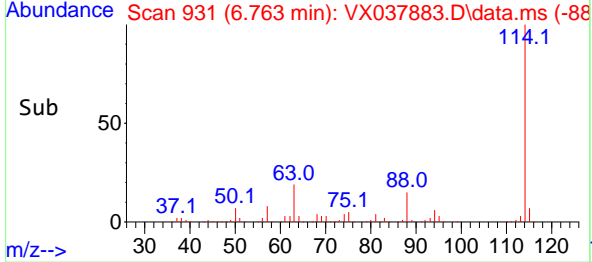
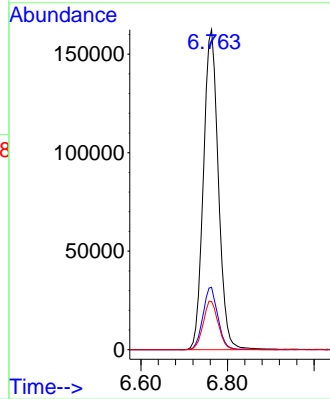


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

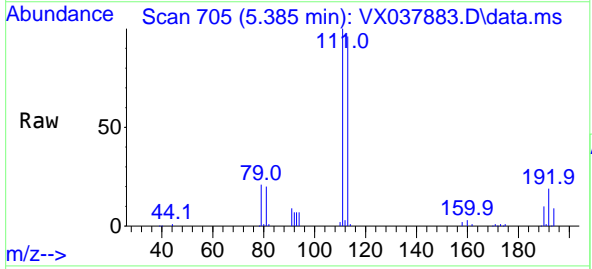
Instrument :
 MSVOA_X
 ClientSampleId :



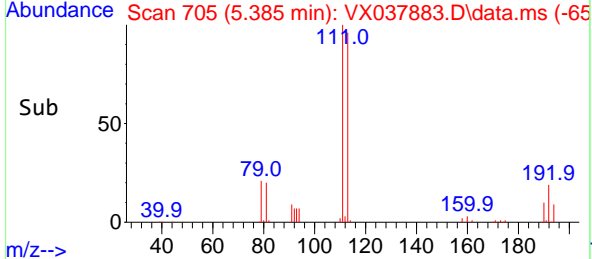
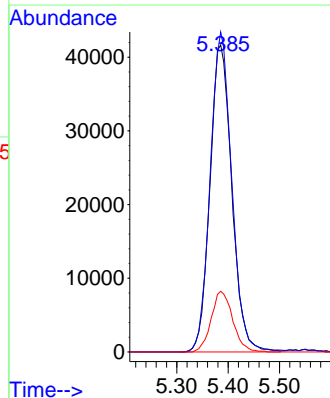
Tgt Ion:114 Resp: 389405
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 15.1 0.0 36.6

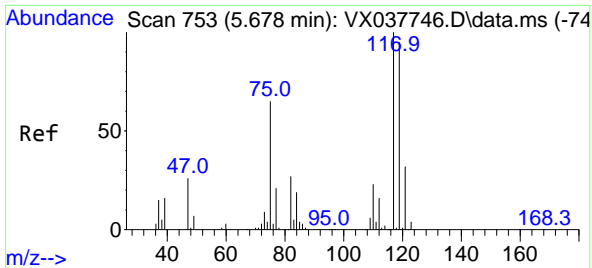


#35
 Dibromofluoromethane
 Concen: 47.187 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48



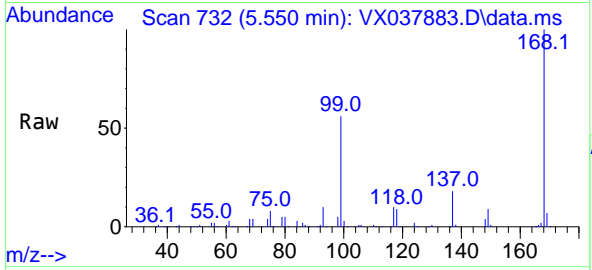
Tgt Ion:113 Resp: 122947
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 19.5 13.3 19.9



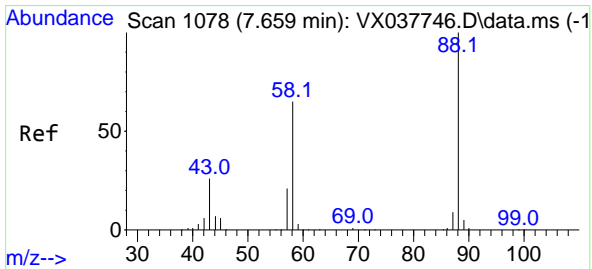
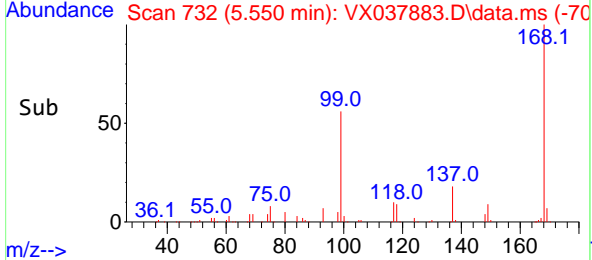
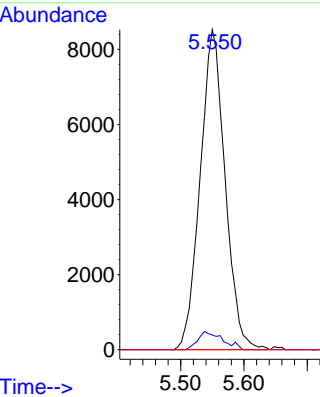


#38
 Carbon Tetrachloride
 Concen: 6.208 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.128 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

Instrument : MSVOA_X
 ClientSampleId :

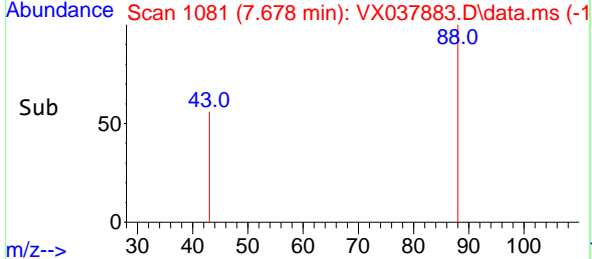
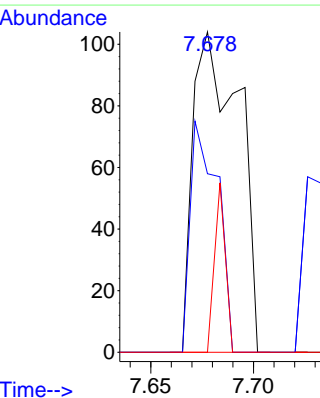
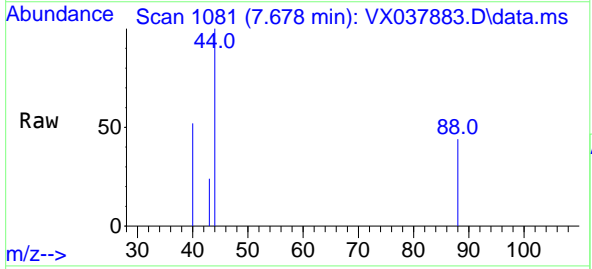


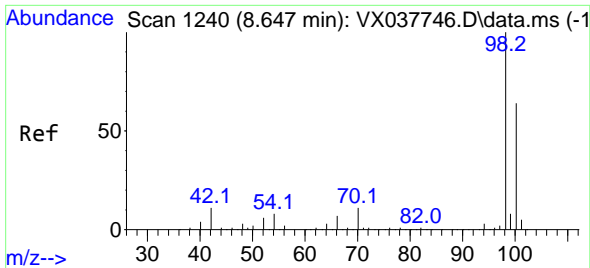
Tgt Ion:117 Resp: 23313
 Ion Ratio Lower Upper
 117 100
 119 4.6 78.2 117.2#
 121 0.0 24.4 36.6#



#49
 1,4-Dioxane
 Concen: 2.036 ug/l
 RT: 7.678 min Scan# 1081
 Delta R.T. 0.006 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

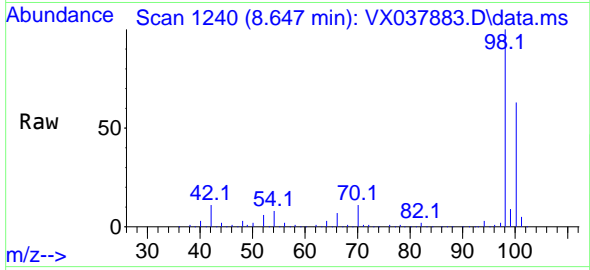
Tgt Ion: 88 Resp: 161
 Ion Ratio Lower Upper
 88 100
 43 43.5 0.0 0.0#
 58 12.4 60.1 90.1#



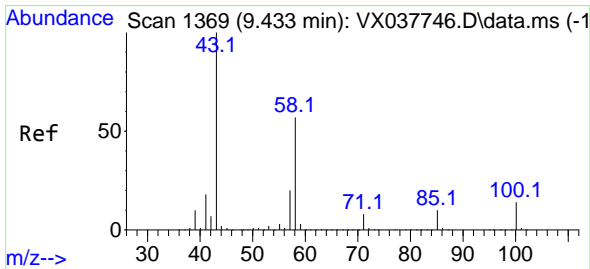
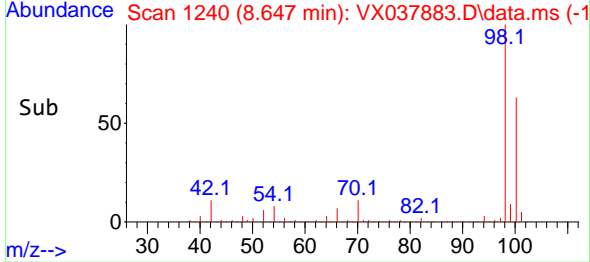
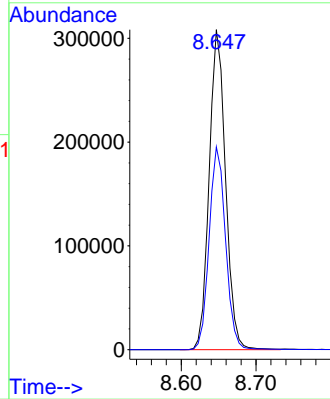


#50
 Toluene-d8
 Concen: 48.504 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

Instrument :
 MSVOA_X
 ClientSampleId :

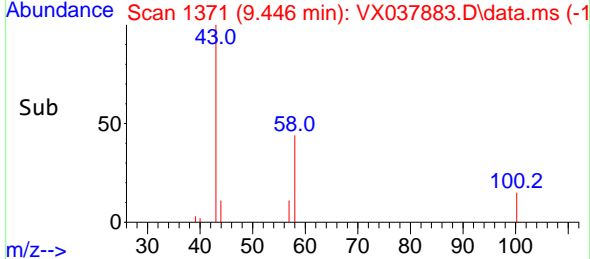
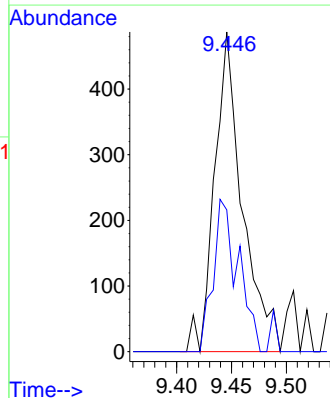
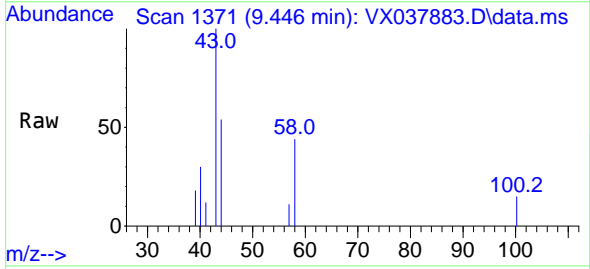


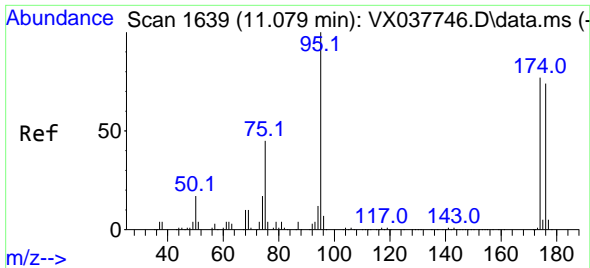
Tgt Ion: 98 Resp: 469571
 Ion Ratio Lower Upper
 98 100
 100 63.9 53.1 79.7



#59
 2-Hexanone
 Concen: 0.275 ug/l
 RT: 9.446 min Scan# 1371
 Delta R.T. 0.012 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

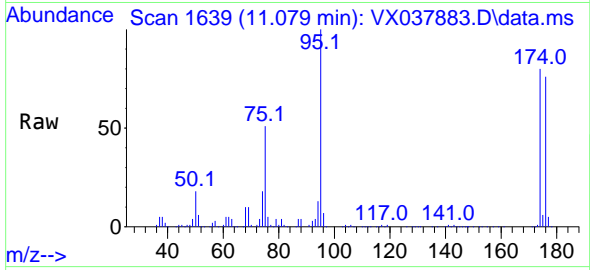
Tgt Ion: 43 Resp: 858
 Ion Ratio Lower Upper
 43 100
 58 42.9 26.2 78.5



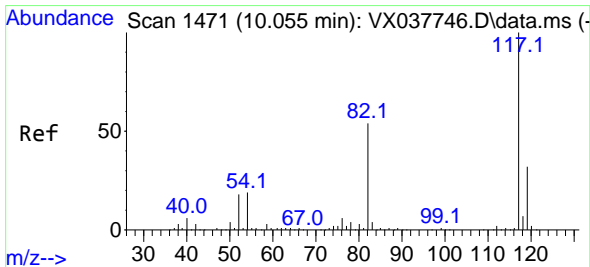
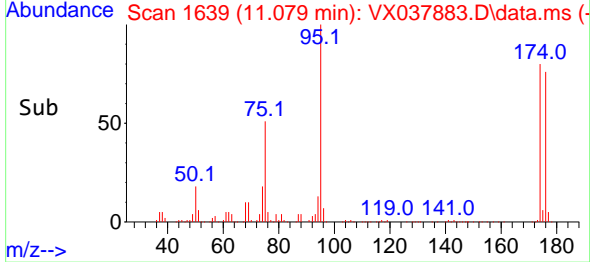
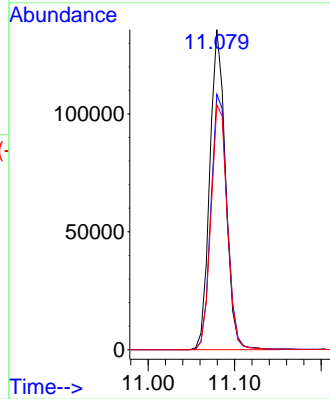


#62
 4-Bromofluorobenzene
 Concen: 48.625 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

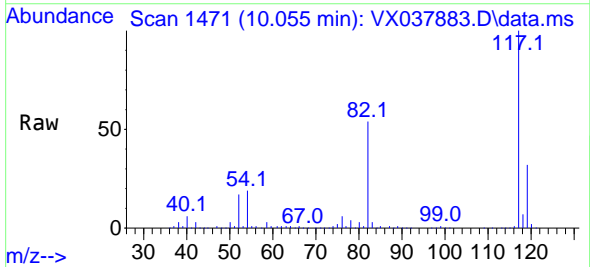
Instrument :
 MSVOA_X
 ClientSampleId :



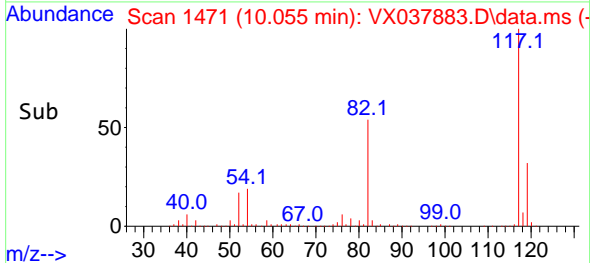
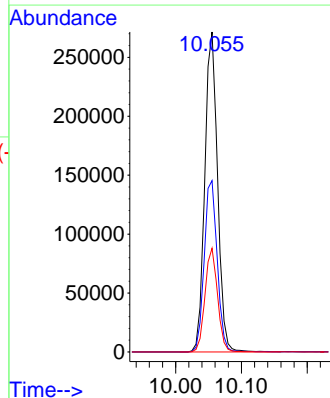
Tgt Ion: 95 Resp: 171061
 Ion Ratio Lower Upper
 95 100
 174 83.3 0.0 135.6
 176 79.4 0.0 131.0

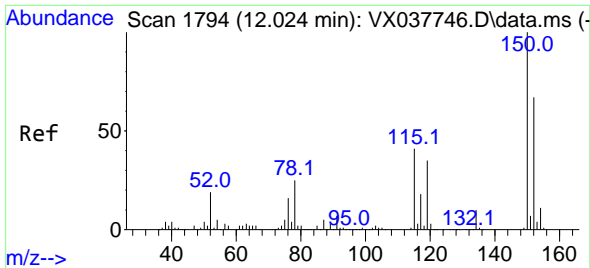


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48



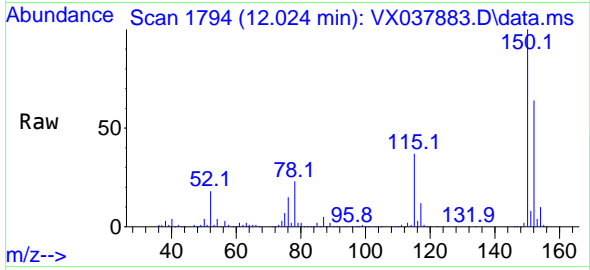
Tgt Ion: 117 Resp: 367055
 Ion Ratio Lower Upper
 117 100
 82 53.5 46.2 69.4
 119 32.4 25.5 38.3



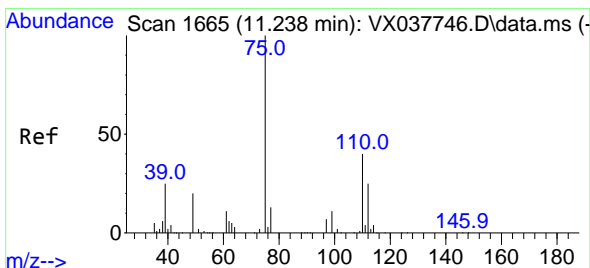
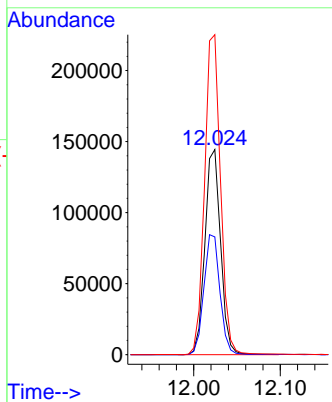
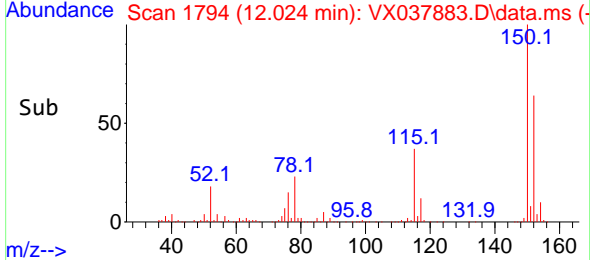


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

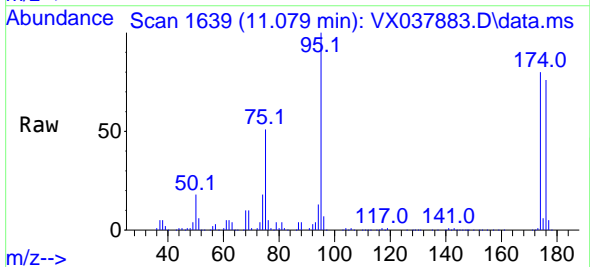
Instrument :
 MSVOA_X
 ClientSampleId :



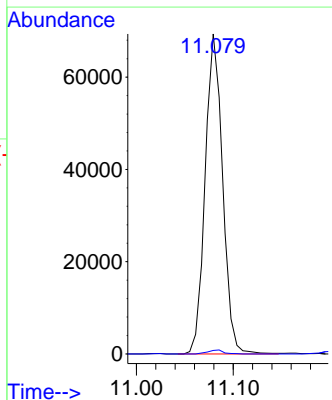
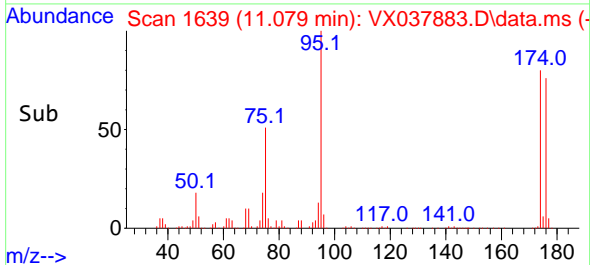
Tgt Ion:152 Resp: 182179
 Ion Ratio Lower Upper
 152 100
 115 59.7 43.3 129.9
 150 158.3 0.0 345.0

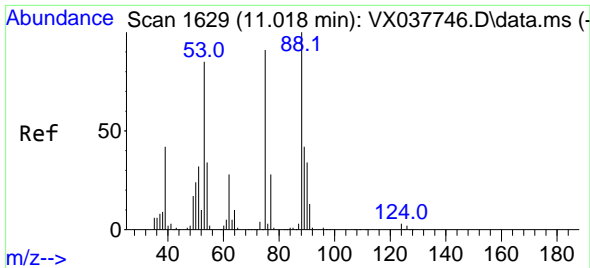


#76
 1,2,3-Trichloropropane
 Concen: 20.658 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48



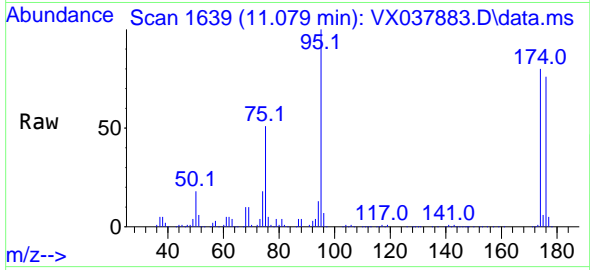
Tgt Ion: 75 Resp: 87045
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#



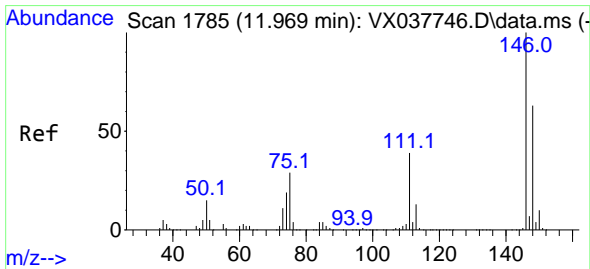
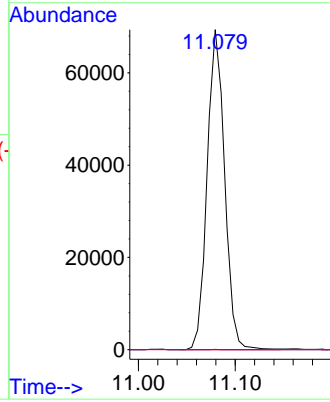
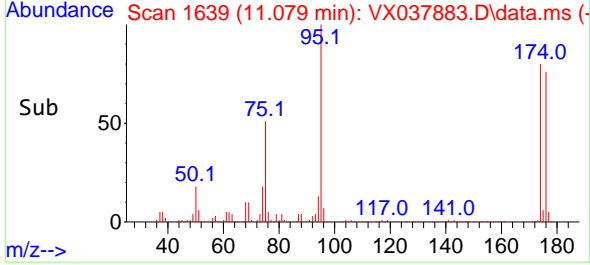


#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.175 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

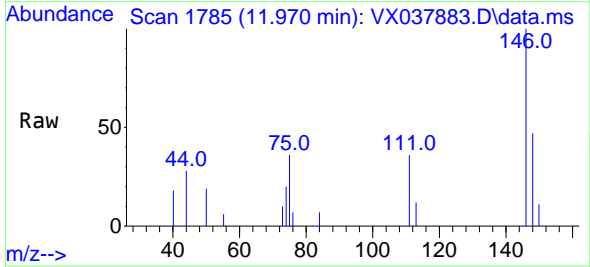
Instrument : MSVOA_X
 ClientSampleId :



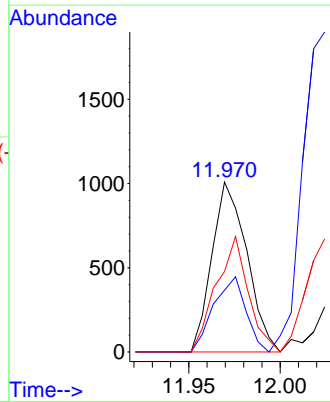
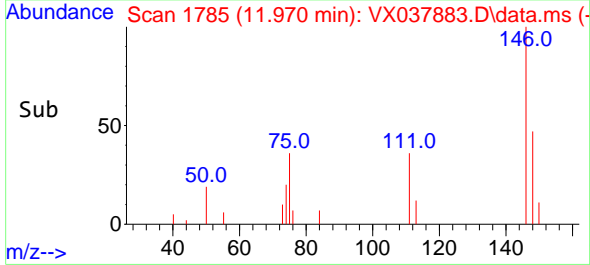
Tgt Ion: 75 Resp: 87045
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

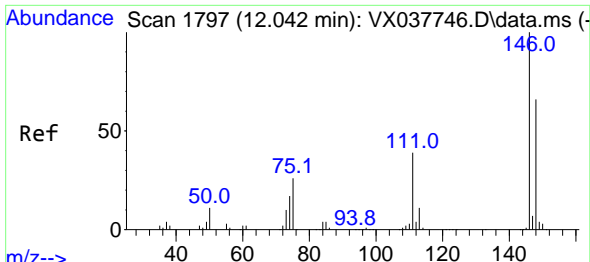


#87
 1,3-Dichlorobenzene
 Concen: 0.217 ug/l
 RT: 11.970 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48



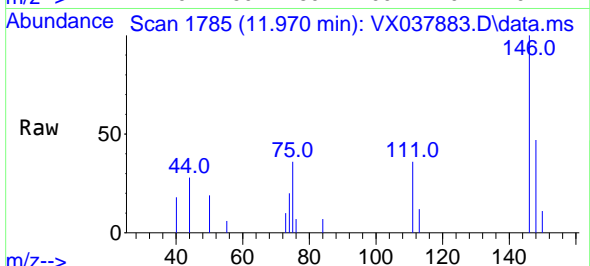
Tgt Ion:146 Resp: 1338
 Ion Ratio Lower Upper
 146 100
 111 40.9 22.1 66.1
 148 62.6 31.8 95.3



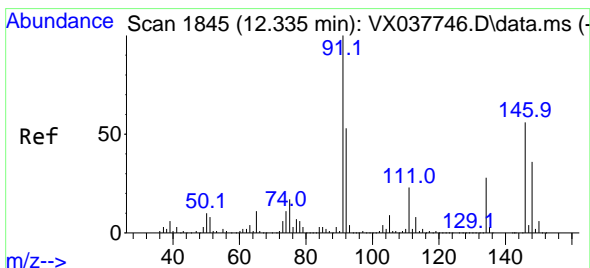
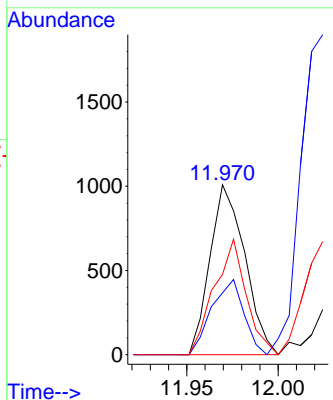
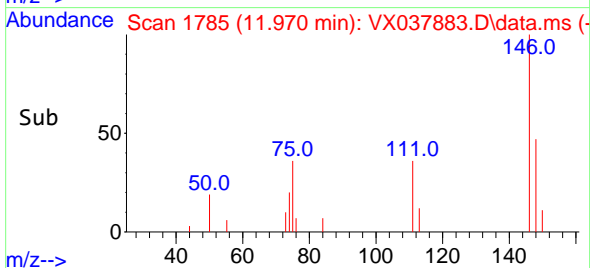


#88
 1,4-Dichlorobenzene
 Concen: 0.212 ug/l
 RT: 11.970 min Scan# 111
 Delta R.T. -0.073 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

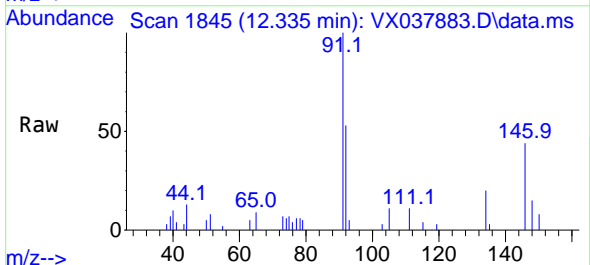
Instrument :
 MSVOA_X
 ClientSampleId :



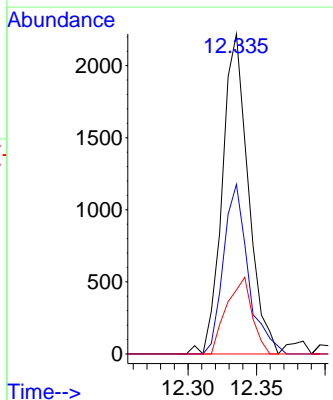
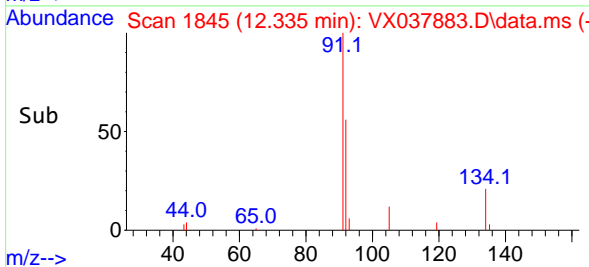
Tgt Ion:146 Resp: 1338
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.3 63.7
 148 62.6 31.8 95.4

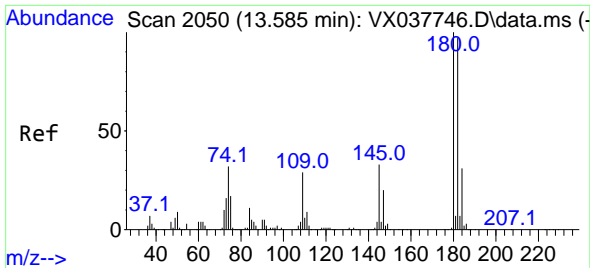


#89
 n-Butylbenzene
 Concen: 0.289 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48



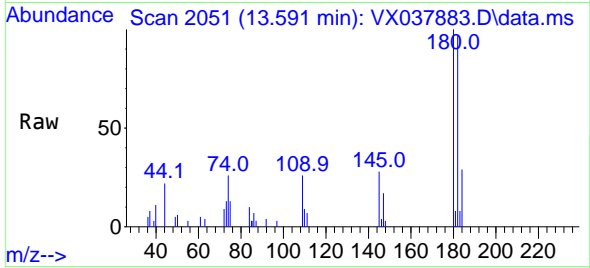
Tgt Ion: 91 Resp: 2923
 Ion Ratio Lower Upper
 91 100
 92 50.6 27.4 82.0
 134 23.4 12.6 37.8



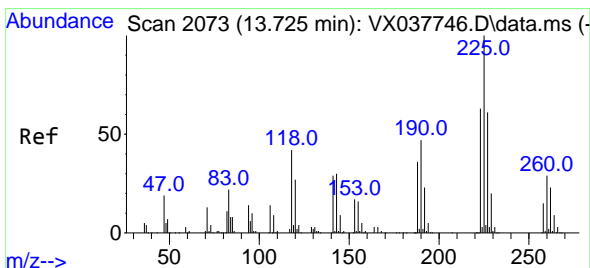
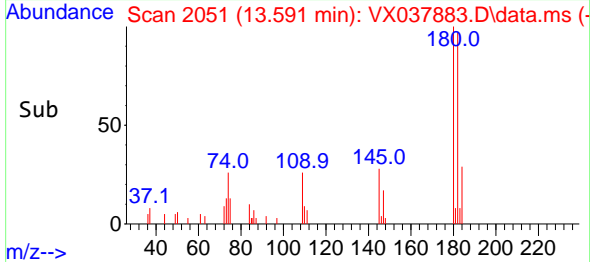
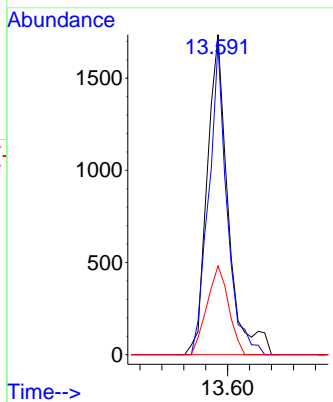


#93
 1,2,4-Trichlorobenzene
 Concen: 0.618 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

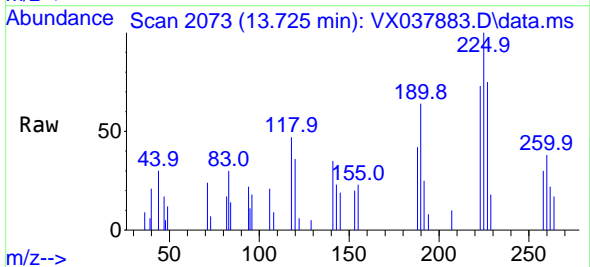
Instrument : MSVOA_X
 ClientSampleId :



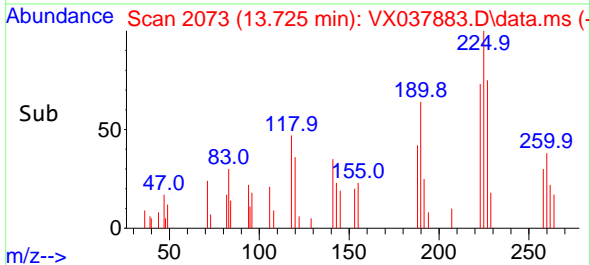
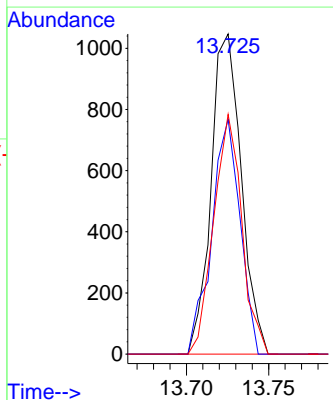
Tgt Ion:180 Resp: 2293
 Ion Ratio Lower Upper
 180 100
 182 85.9 48.3 144.8
 145 28.7 18.0 54.0

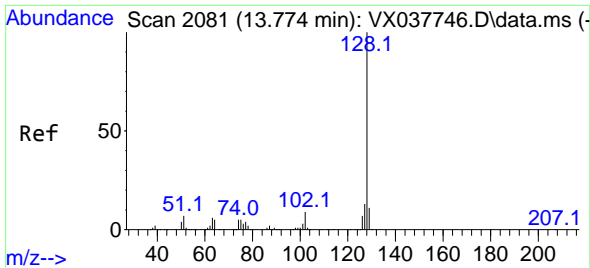


#94
 Hexachlorobutadiene
 Concen: 0.773 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48



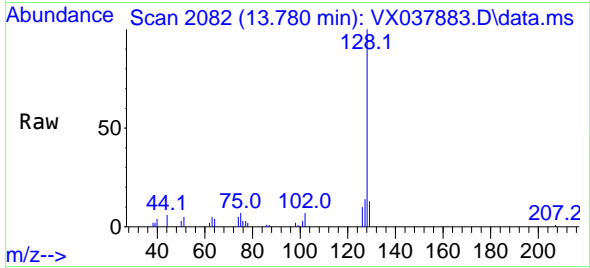
Tgt Ion:225 Resp: 1339
 Ion Ratio Lower Upper
 225 100
 223 68.9 31.1 93.2
 227 69.7 32.5 97.5



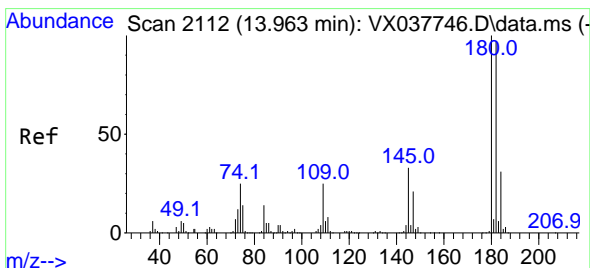
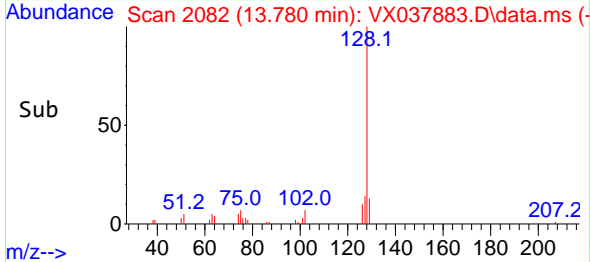
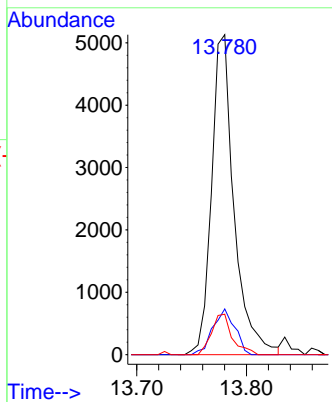


#95
 Naphthalene
 Concen: 0.583 ug/l
 RT: 13.780 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

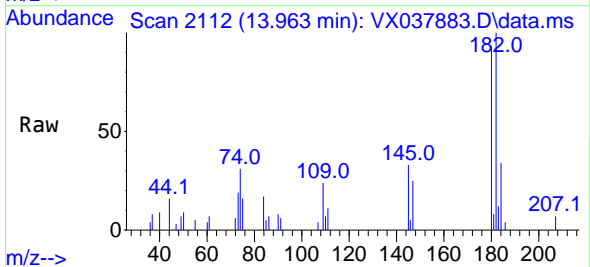
Instrument : MSVOA_X
 ClientSampleId :



Tgt Ion:128 Resp: 7313
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.3 15.5
 129 11.7 8.8 13.2



#96
 1,2,3-Trichlorobenzene
 Concen: 0.667 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48



Tgt Ion:180 Resp: 2546
 Ion Ratio Lower Upper
 180 100
 182 88.3 46.9 140.6
 145 30.0 17.8 53.5

