

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036916.D
 Acq On : 10 Aug 2023 16:30
 Operator : JC/MD
 Sample : 03954-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 01:48:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

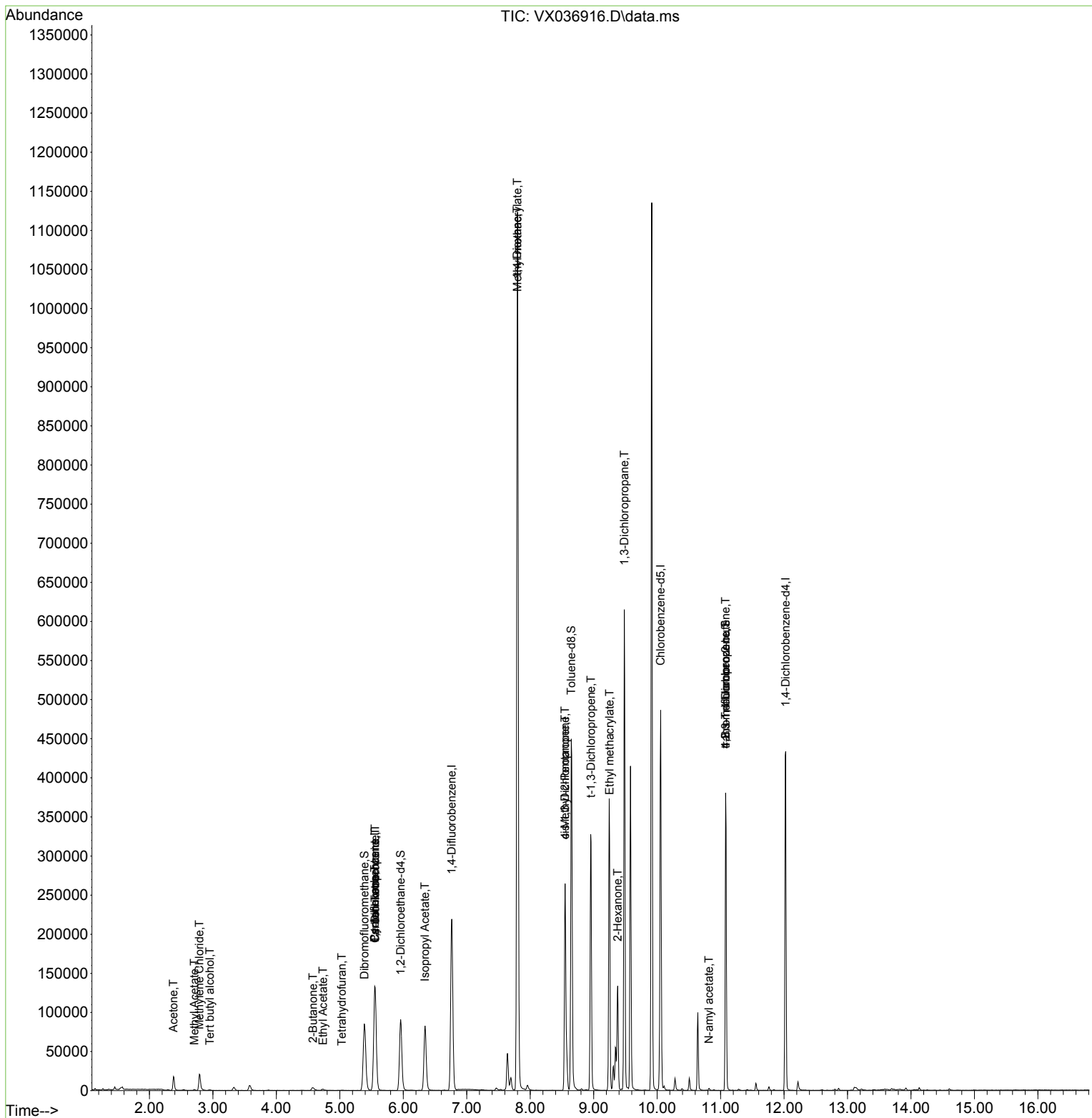
Internal Standards						
1) Pentafluorobenzene	5.550	168	123771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89685	48.971	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.940%	
35) Dibromofluoromethane	5.385	113	73927	46.947	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.900%	
50) Toluene-d8	8.647	98	271650	48.646	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.300%	
62) 4-Bromofluorobenzene	11.079	95	102554	48.677	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.360%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	520	1.199	ug/l #	78
16) Acetone	2.380	43	18696	24.602	ug/l #	85
18) Methyl Acetate	2.709	43	1442	0.451	ug/l	100
20) Methylene Chloride	2.788	84	10928	6.466	ug/l	91
25) 2-Butanone	4.574	43	6443	5.226	ug/l	96
29) Tetrahydrofuran	5.032	42	260	0.327	ug/l #	57
31) Cyclohexane	5.550	56	2801	1.105	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9989	4.256	ug/l #	50
37) Ethyl Acetate	4.733	43	3405	1.282	ug/l #	93
38) Carbon Tetrachloride	5.556	117	13308	5.333	ug/l #	16
43) Isopropyl Acetate	6.342	43	111435	24.369	ug/l #	95
48) Methyl methacrylate	7.799	41	94696	44.529	ug/l #	48
49) 1,4-Dioxane	7.793	88	171	3.980	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	104912	41.458	ug/l #	37
53) t-1,3-Dichloropropene	8.958	75	818	0.276	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	43241	13.843	ug/l #	54
56) Ethyl methacrylate	9.250	69	733	0.250	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	5781	1.930	ug/l #	42
59) 2-Hexanone	9.378	43	98422	52.405	ug/l #	26
74) N-amyl acetate	10.817	43	842	0.240	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	52828	24.699	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52828	55.981	ug/l #	5

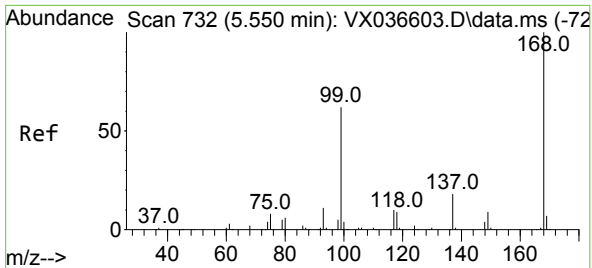
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036916.D
 Acq On : 10 Aug 2023 16:30
 Operator : JC/MD
 Sample : 03954-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

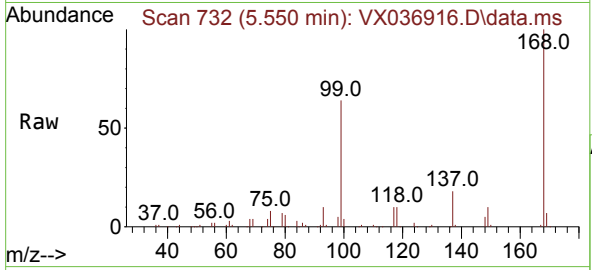
Quant Time: Aug 11 01:48:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration



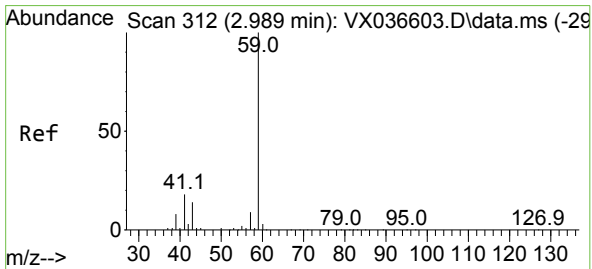
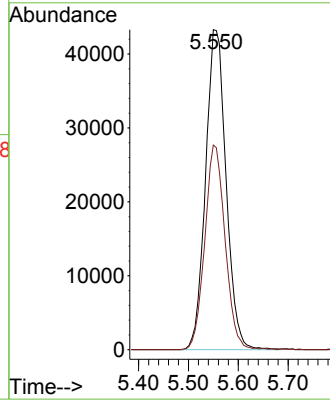
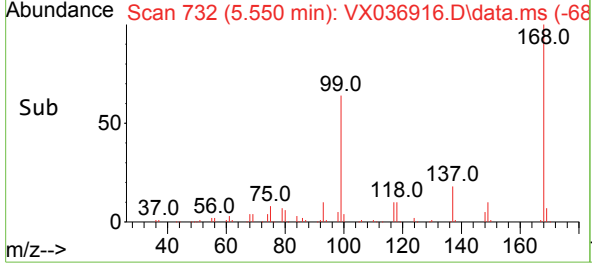


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

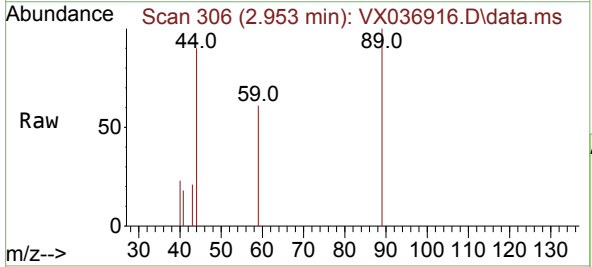
Instrument : MSVOA_X
 ClientSampleId :



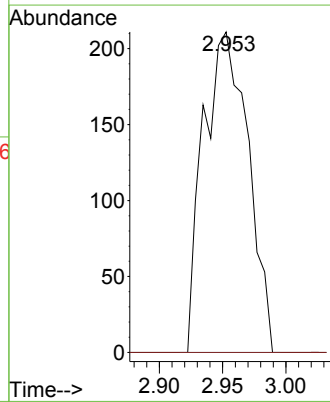
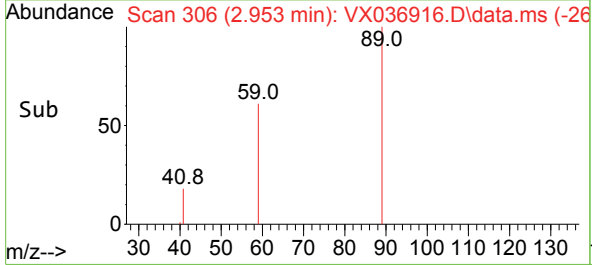
Tgt Ion:168 Resp: 123771
 Ion Ratio Lower Upper
 168 100
 99 63.9 56.6 85.0

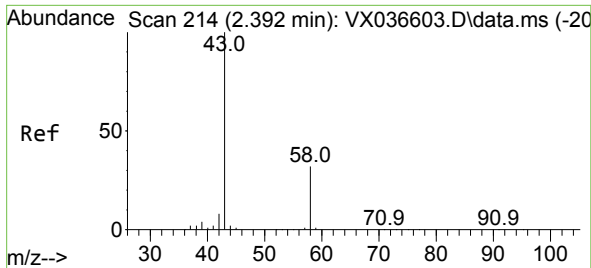


#11
 Tert butyl alcohol
 Concen: 1.199 ug/l
 RT: 2.953 min Scan# 306
 Delta R.T. -0.036 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30



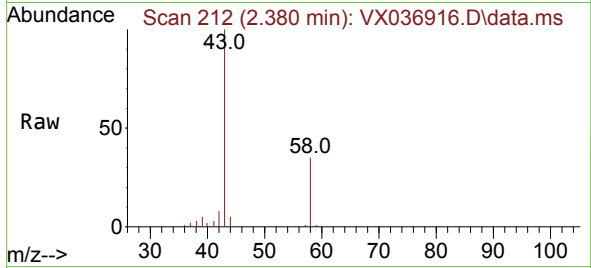
Tgt Ion: 59 Resp: 520
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0#



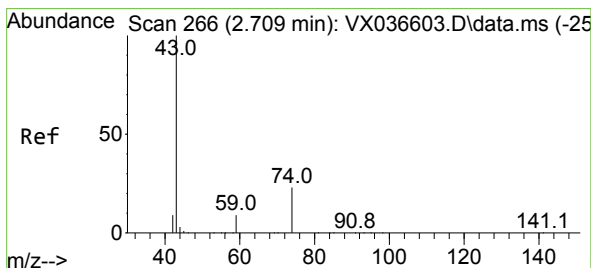
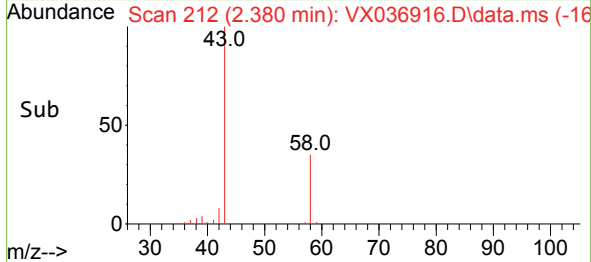
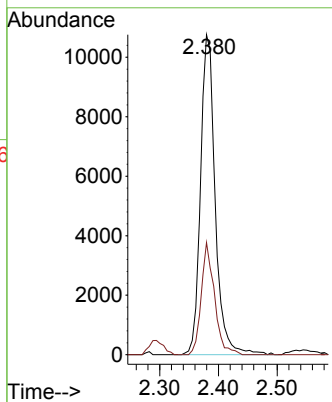


#16
 Acetone
 Concen: 24.602 ug/l
 RT: 2.380 min Scan# 214
 Delta R.T. -0.012 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Instrument : MSVOA_X
 ClientSampleId :

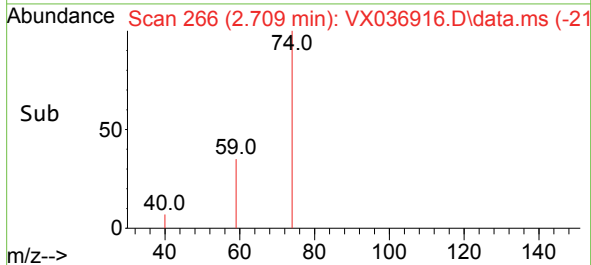
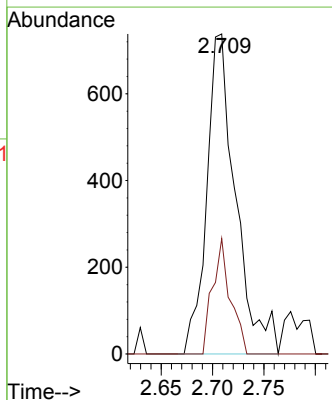
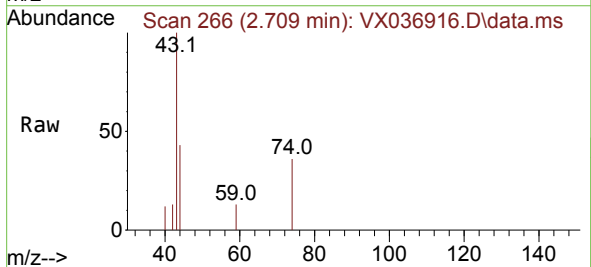


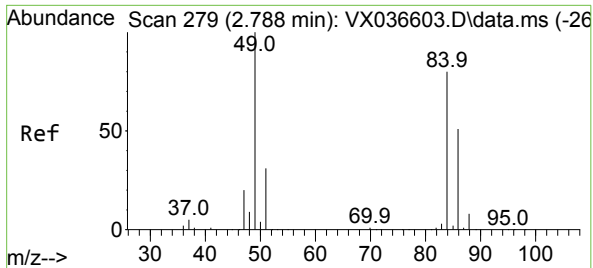
Tgt Ion: 43 Resp: 18696
 Ion Ratio Lower Upper
 43 100
 58 35.1 21.9 32.9#



#18
 Methyl Acetate
 Concen: 0.451 ug/l
 RT: 2.709 min Scan# 266
 Delta R.T. 0.000 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

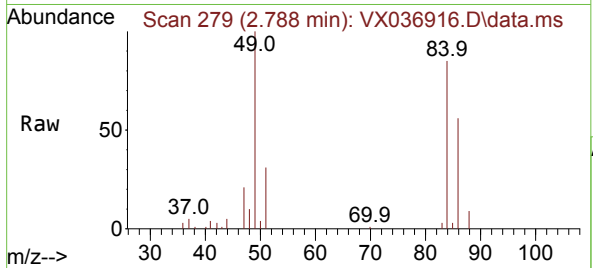
Tgt Ion: 43 Resp: 1442
 Ion Ratio Lower Upper
 43 100
 74 22.2 17.8 26.8





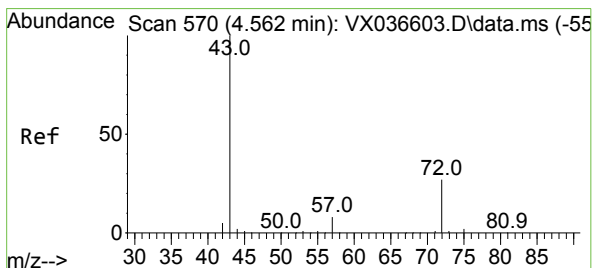
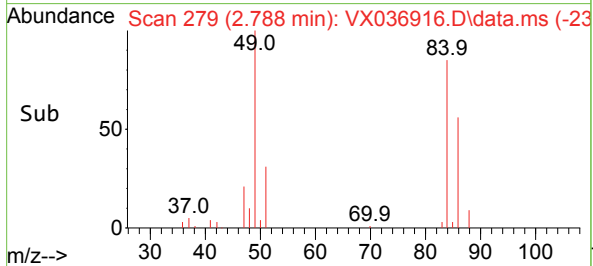
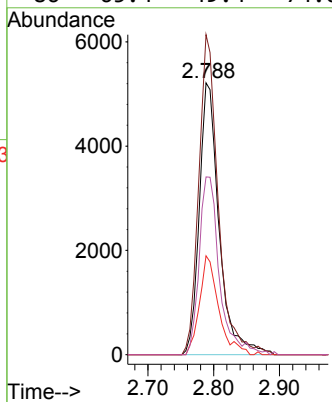
#20
 Methylene Chloride
 Concen: 6.466 ug/l
 RT: 2.788 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 84 Resp: 10928

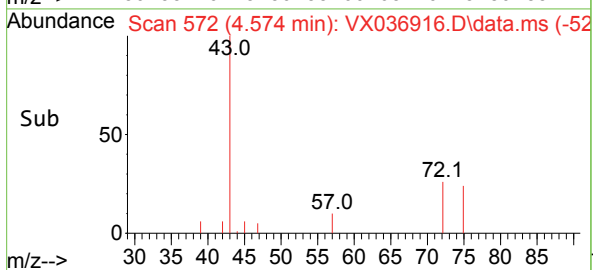
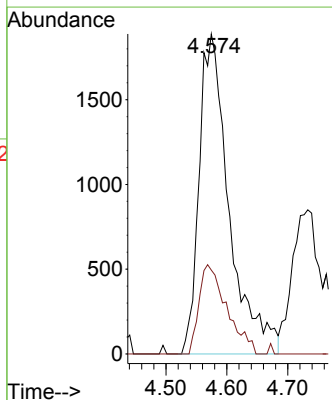
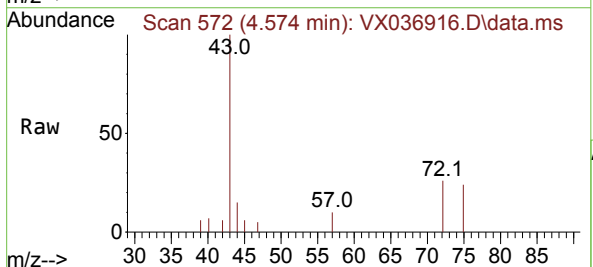
Ion	Ratio	Lower	Upper
84	100		
49	117.7	103.6	155.4
51	36.4	33.8	50.6
86	65.4	49.4	74.0

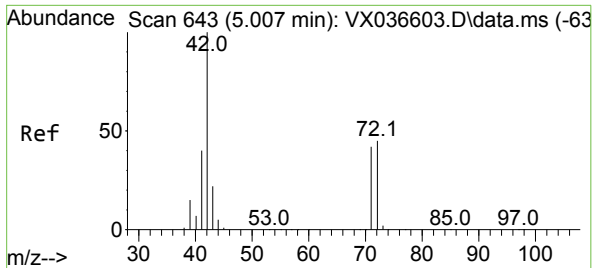


#25
 2-Butanone
 Concen: 5.226 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.012 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Tgt Ion: 43 Resp: 6443

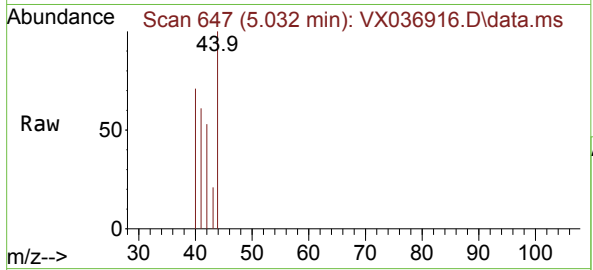
Ion	Ratio	Lower	Upper
43	100		
72	26.2	19.4	29.2





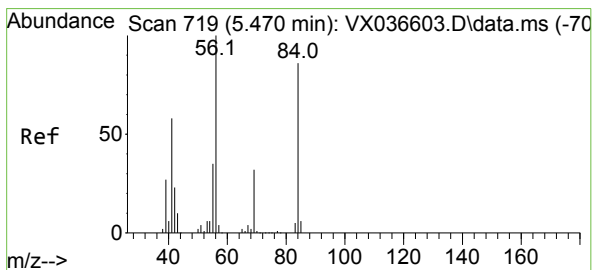
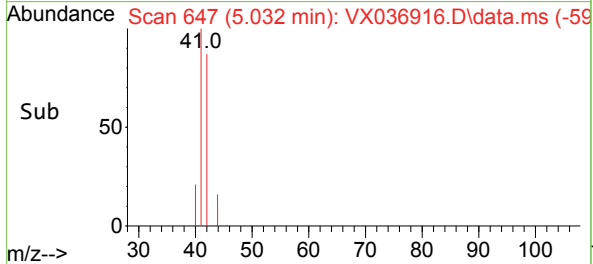
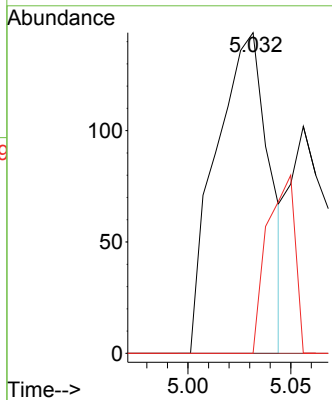
#29
 Tetrahydrofuran
 Concen: 0.327 ug/l
 RT: 5.032 min Scan# 64
 Delta R.T. 0.025 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 42 Resp: 260

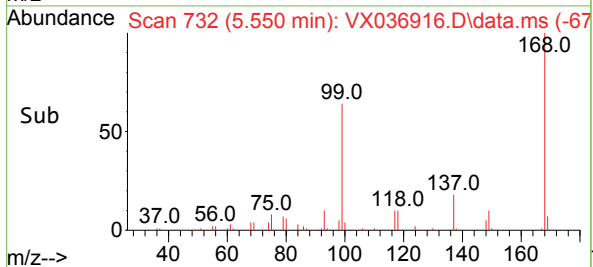
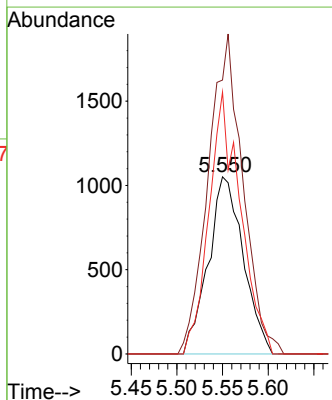
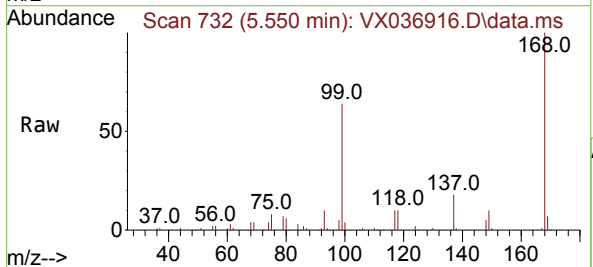
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	28.8	32.2	48.2#

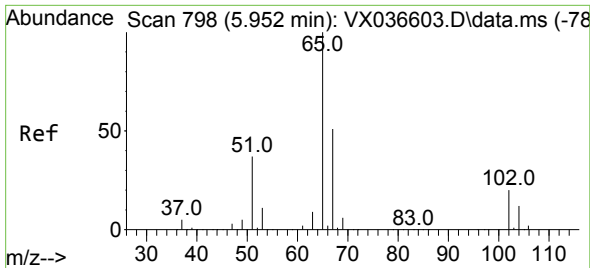


#31
 Cyclohexane
 Concen: 1.105 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Tgt Ion: 56 Resp: 2801

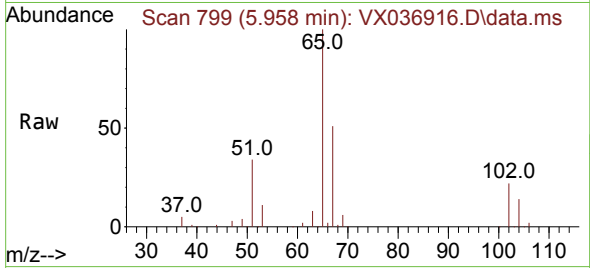
Ion	Ratio	Lower	Upper
56	100		
69	154.7	23.4	35.2#
84	147.9	65.9	98.9#



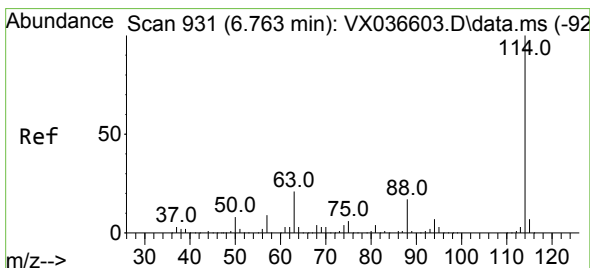
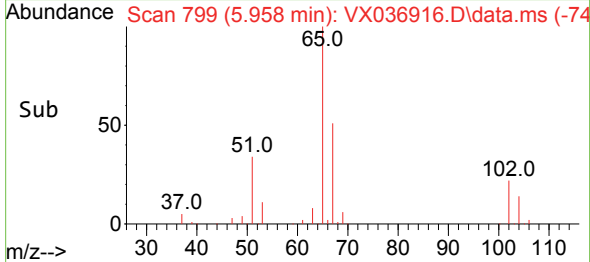
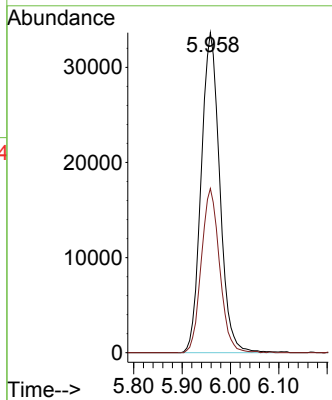


#33
 1,2-Dichloroethane-d4
 Concen: 48.971 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Instrument : MSVOA_X
 ClientSampleId :

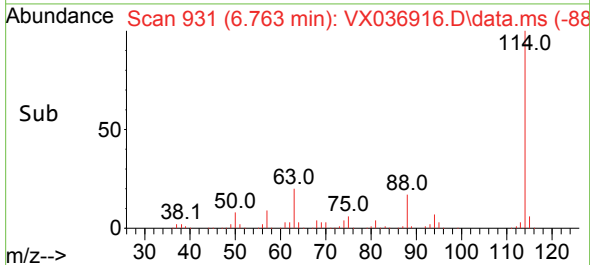
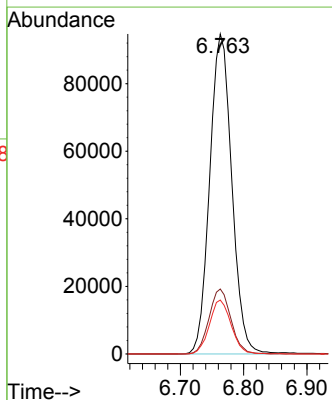
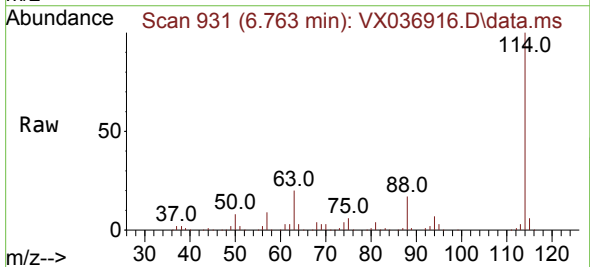


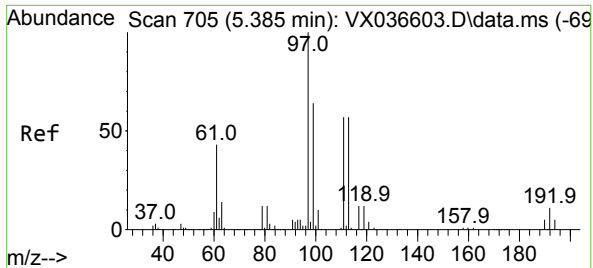
Tgt Ion: 65 Resp: 89685
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

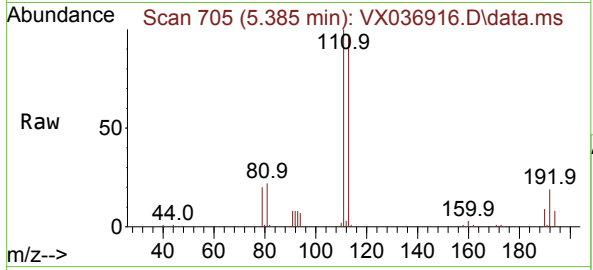
Tgt Ion: 114 Resp: 229098
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 16.8 0.0 36.6



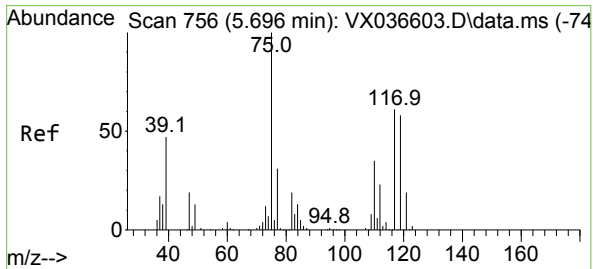
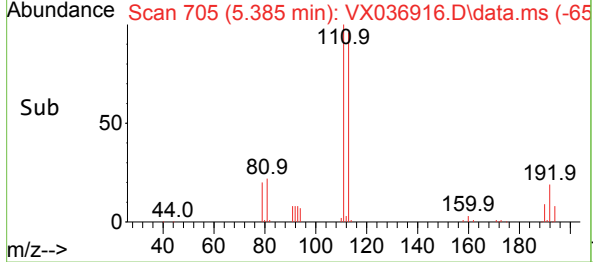
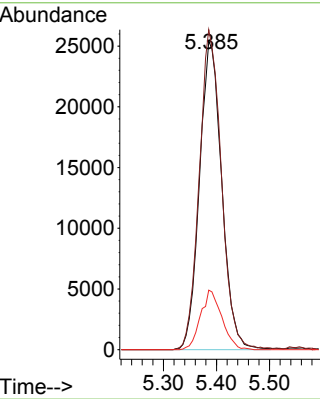


#35
 Dibromofluoromethane
 Concen: 46.947 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Instrument : MSVOA_X
 ClientSampleId :

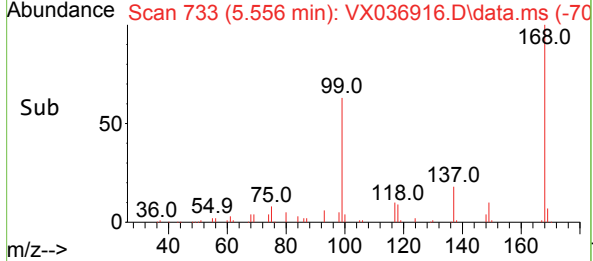
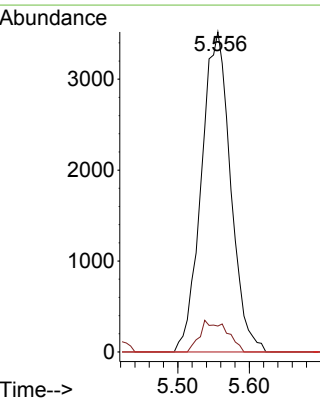
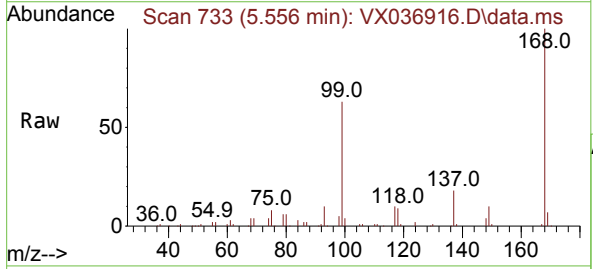


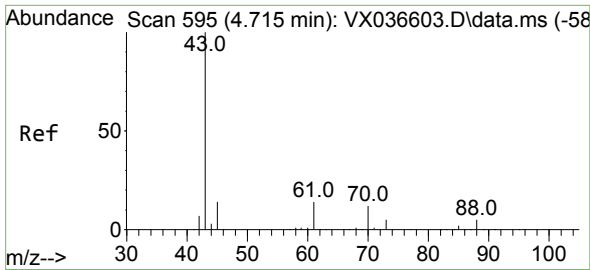
Tgt Ion: 113 Resp: 73927
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 18.5 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.256 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

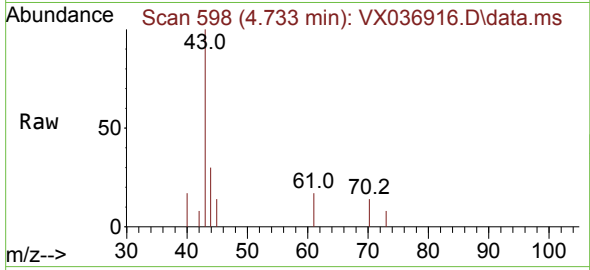
Tgt Ion: 75 Resp: 9989
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.0 50.9#
 77 0.0 24.7 37.1#





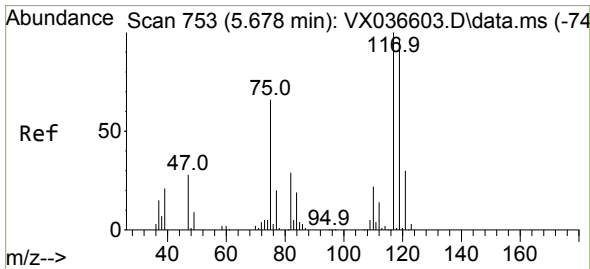
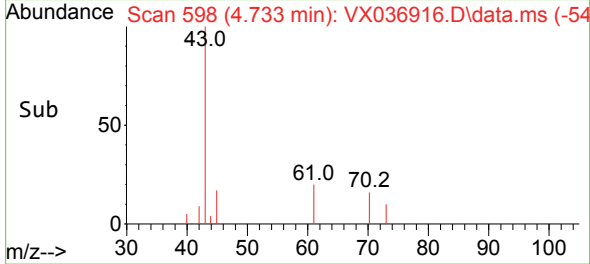
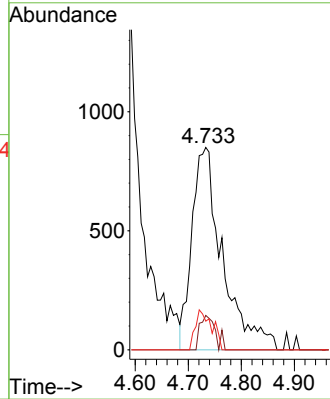
#37
 Ethyl Acetate
 Concen: 1.282 ug/l
 RT: 4.733 min Scan# 595
 Delta R.T. 0.018 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Instrument : MSVOA_X
 ClientSampleId :



Tgt Ion: 43 Resp: 3405

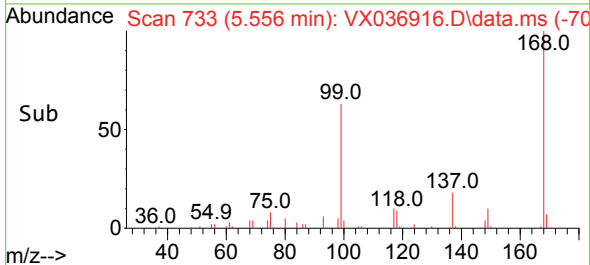
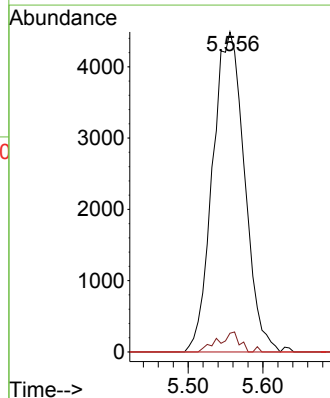
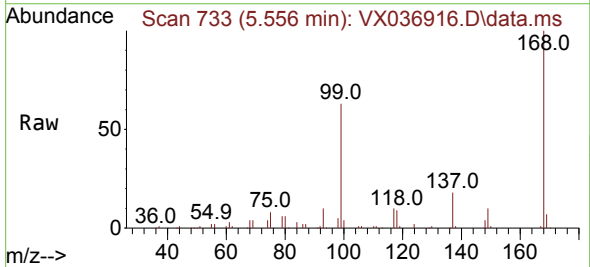
Ion	Ratio	Lower	Upper
43	100		
61	8.5	10.6	16.0#
70	10.6	8.3	12.5

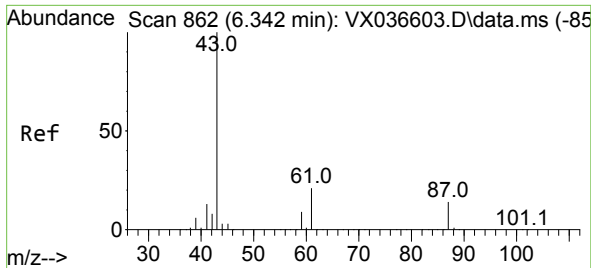


#38
 Carbon Tetrachloride
 Concen: 5.333 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Tgt Ion: 117 Resp: 13308

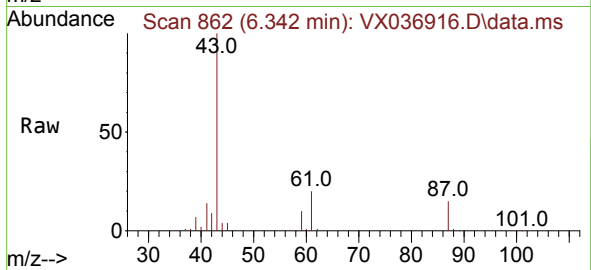
Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.2	117.2#
121	0.0	24.4	36.6#



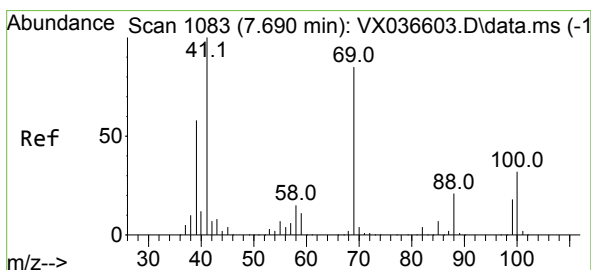
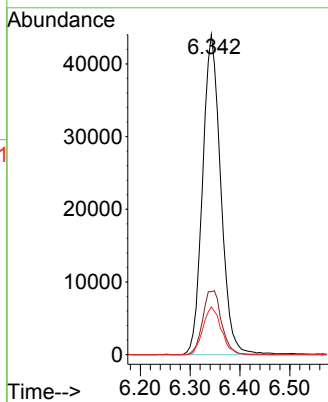
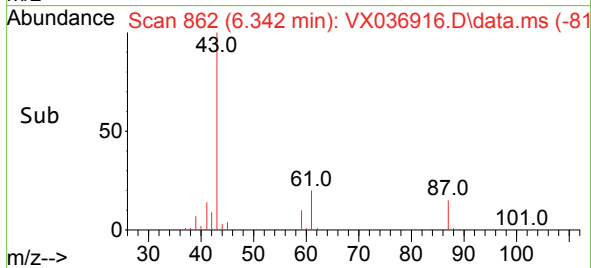


#43
 Isopropyl Acetate
 Concen: 24.369 ug/l
 RT: 6.342 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

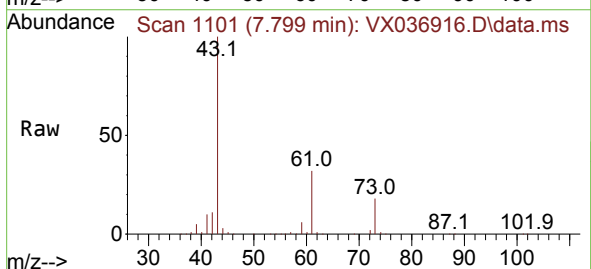
Instrument :
 MSVOA_X
 ClientSampleId :



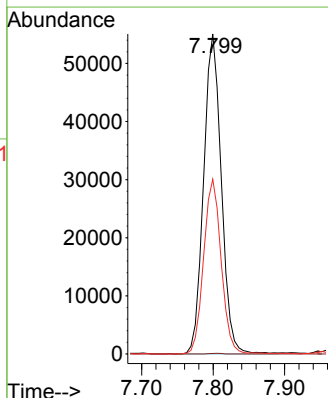
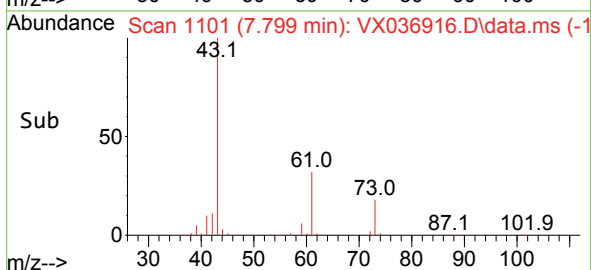
Tgt Ion: 43 Resp: 111435
 Ion Ratio Lower Upper
 43 100
 61 20.9 15.2 22.8
 87 15.0 9.8 14.6#

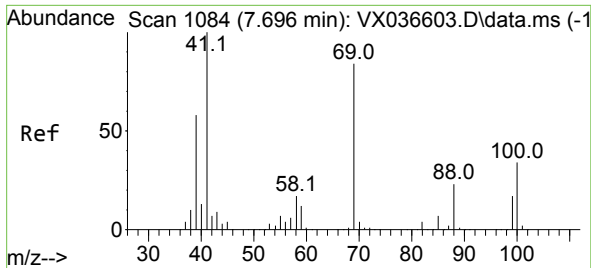


#48
 Methyl methacrylate
 Concen: 44.529 ug/l
 RT: 7.799 min Scan# 1101
 Delta R.T. 0.110 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30



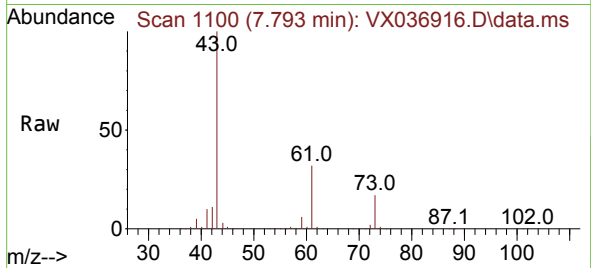
Tgt Ion: 41 Resp: 94696
 Ion Ratio Lower Upper
 41 100
 69 0.1 59.2 88.8#
 39 54.3 47.7 71.5



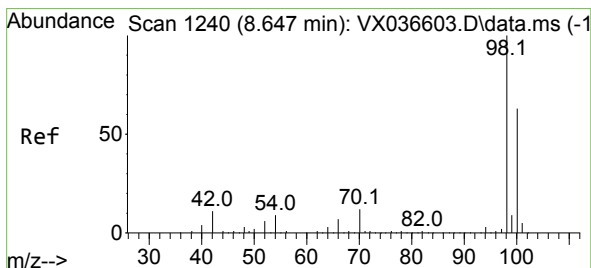
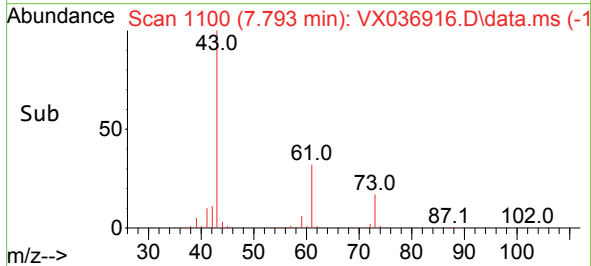
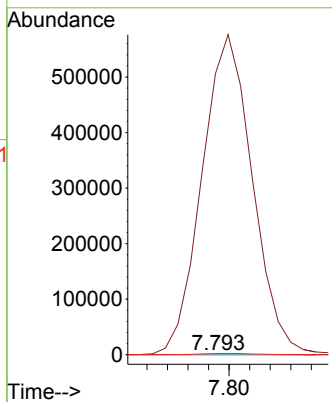


#49
 1,4-Dioxane
 Concen: 3.980 ug/l
 RT: 7.793 min Scan# 1100
 Delta R.T. 0.098 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Instrument :
 MSVOA_X
 ClientSampleId :

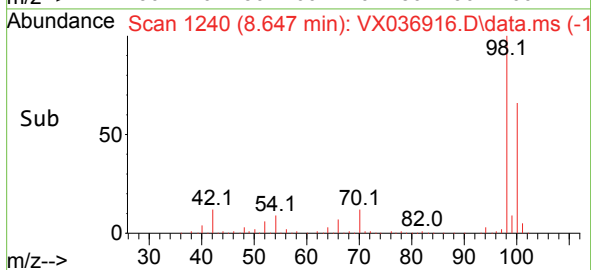
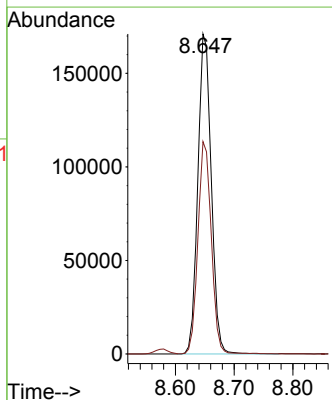
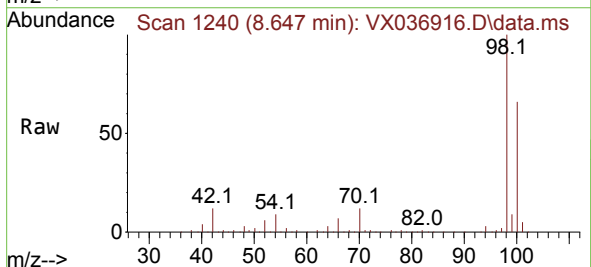


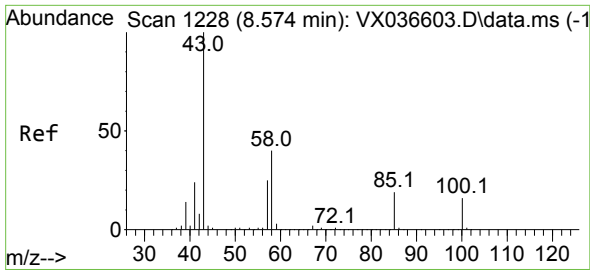
Tgt Ion: 88 Resp: 171
 Ion Ratio Lower Upper
 88 100
 43 579207.0 0.0 0.0#
 58 2476.0 60.1 90.1#



#50
 Toluene-d8
 Concen: 48.646 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

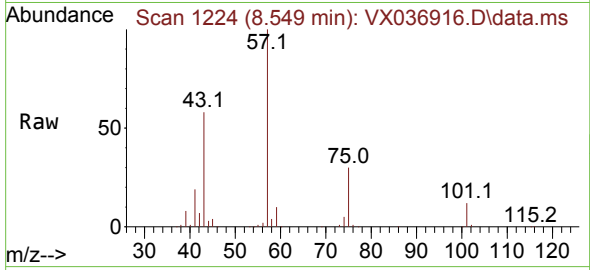
Tgt Ion: 98 Resp: 271650
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.1 79.7



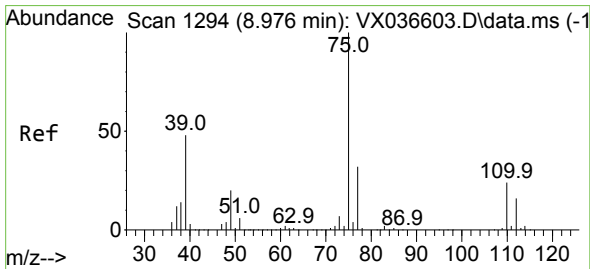
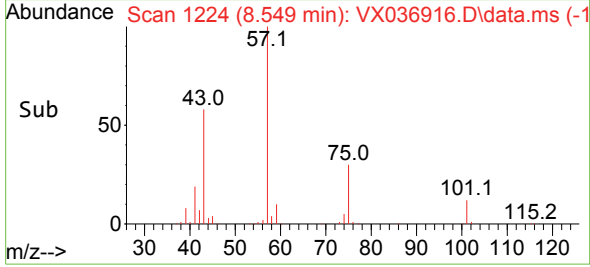
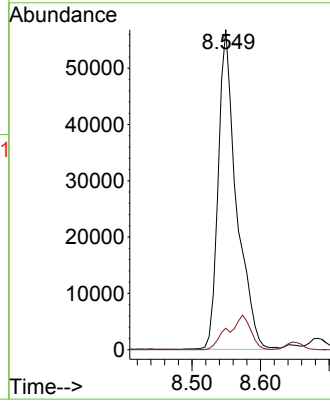


#51
 4-Methyl-2-Pentanone
 Concen: 41.458 ug/l
 RT: 8.549 min Scan# 111
 Delta R.T. -0.024 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Instrument : MSVOA_X
 ClientSampleId :

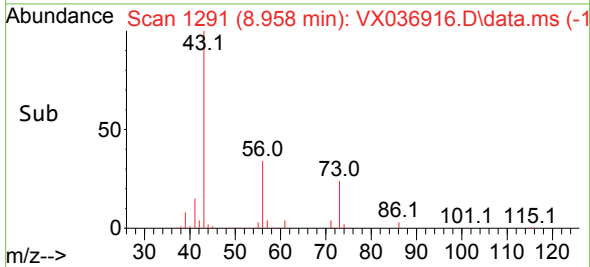
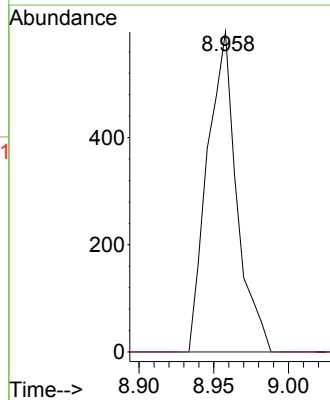
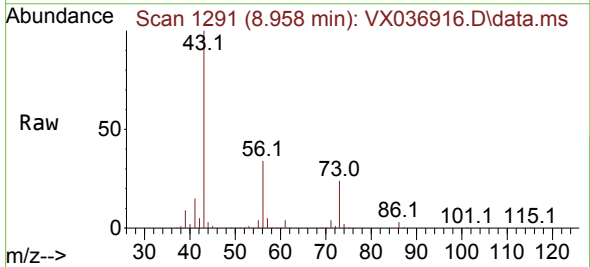


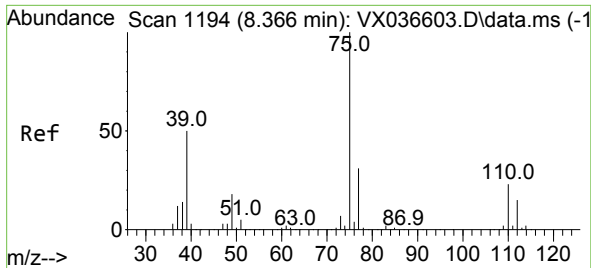
Tgt Ion: 43 Resp: 104912
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.4 45.6#



#53
 t-1,3-Dichloropropene
 Concen: 0.276 ug/l
 RT: 8.958 min Scan# 1291
 Delta R.T. -0.018 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

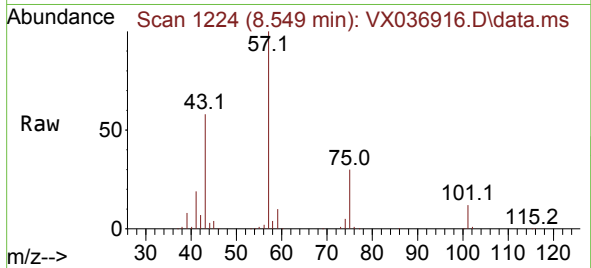
Tgt Ion: 75 Resp: 818
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



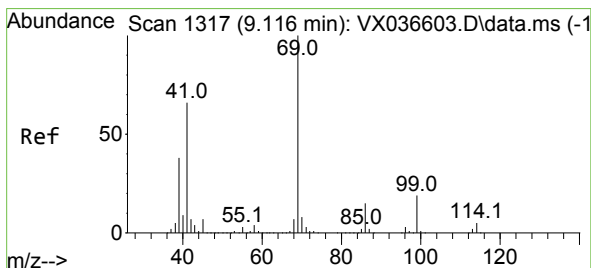
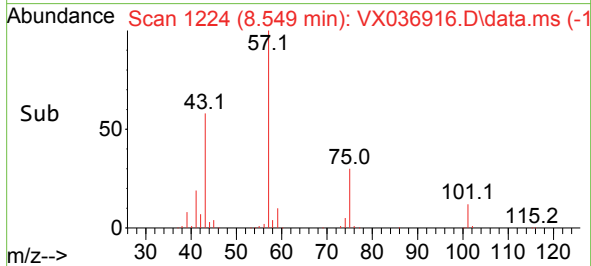
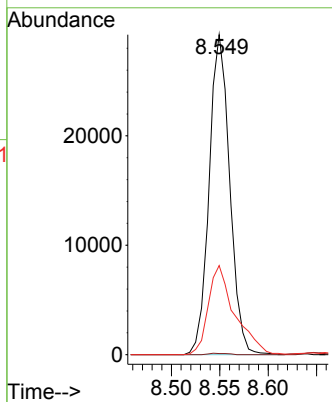


#54
 cis-1,3-Dichloropropene
 Concen: 13.843 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Instrument : MSVOA_X
 ClientSampleId :

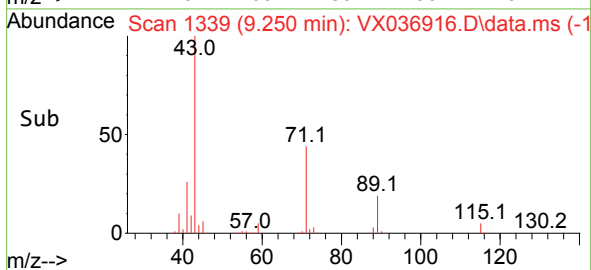
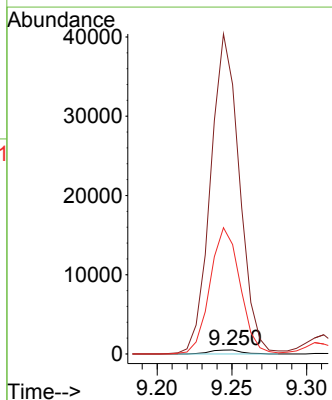
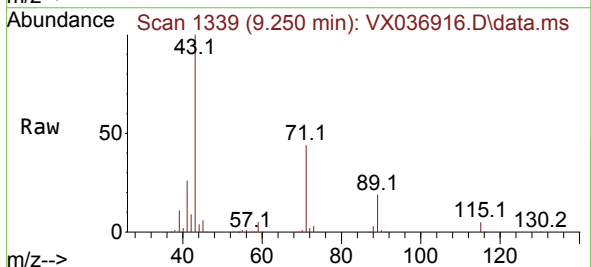


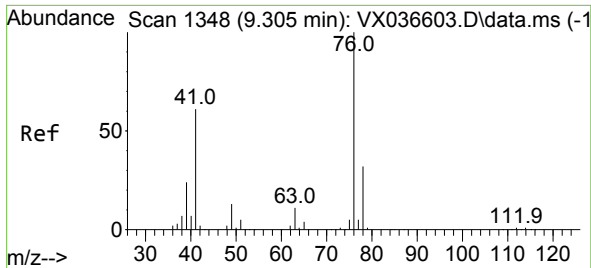
Tgt Ion: 75 Resp: 43241
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.3 37.9#
 39 27.9 46.7 70.1#



#56
 Ethyl methacrylate
 Concen: 0.250 ug/l
 RT: 9.250 min Scan# 1339
 Delta R.T. 0.134 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

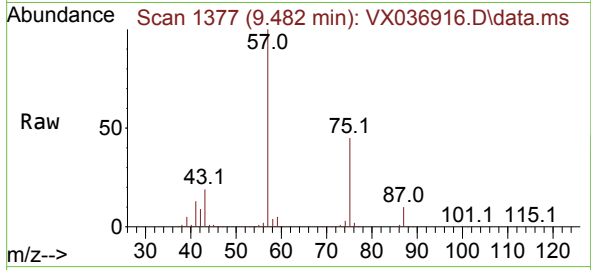
Tgt Ion: 69 Resp: 733
 Ion Ratio Lower Upper
 69 100
 41 7430.2 56.8 85.2#
 39 3044.5 32.0 48.0#



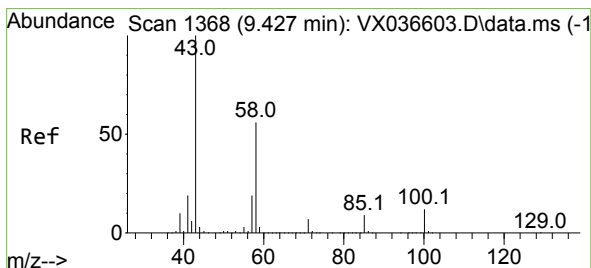
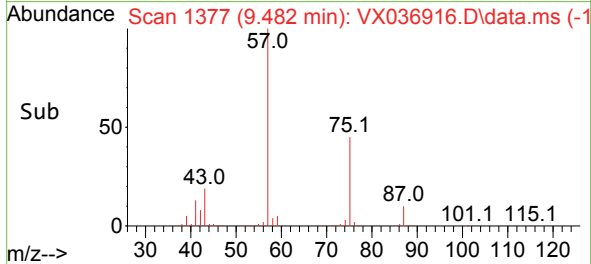
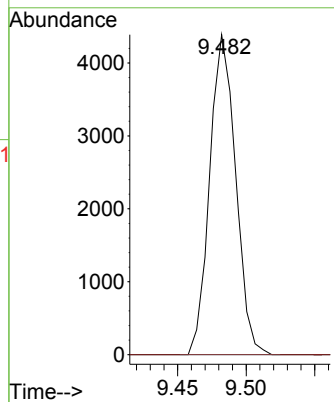


#57
 1,3-Dichloropropane
 Concen: 1.930 ug/l
 RT: 9.482 min Scan# 111
 Delta R.T. 0.177 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Instrument : MSVOA_X
 ClientSampleId :

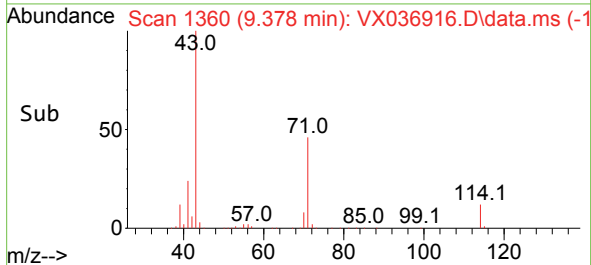
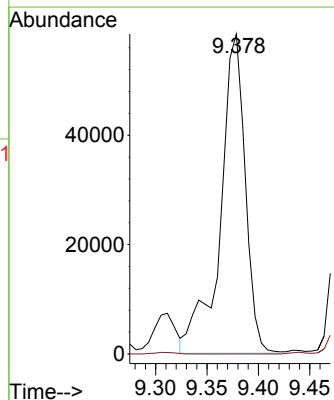
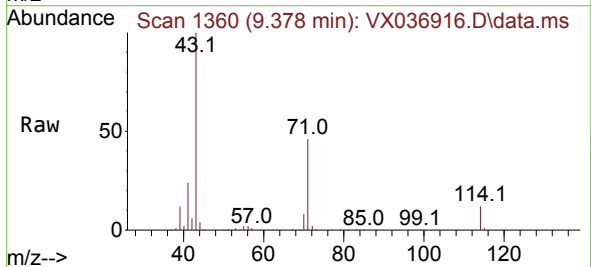


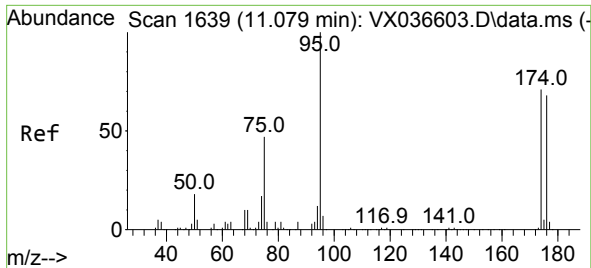
Tgt Ion: 76 Resp: 5781
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#



#59
 2-Hexanone
 Concen: 52.405 ug/l
 RT: 9.378 min Scan# 1360
 Delta R.T. -0.049 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

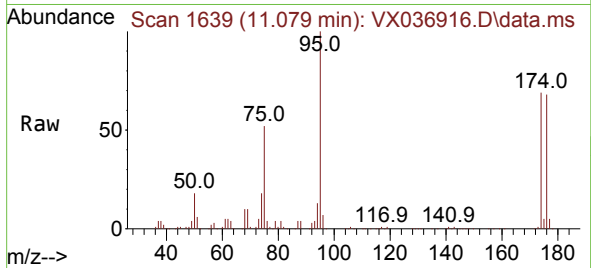
Tgt Ion: 43 Resp: 98422
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.2 78.5#



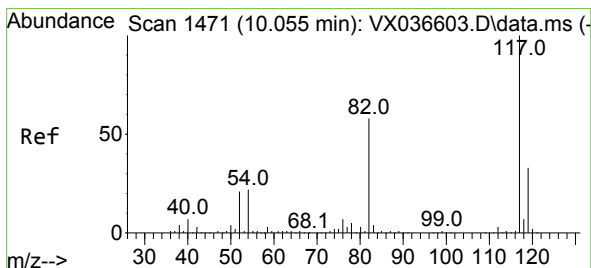
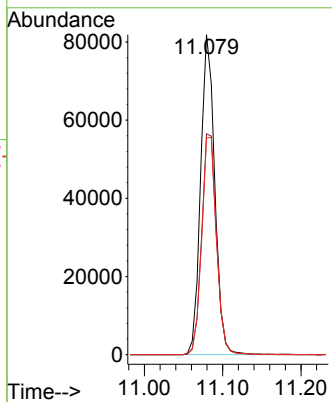
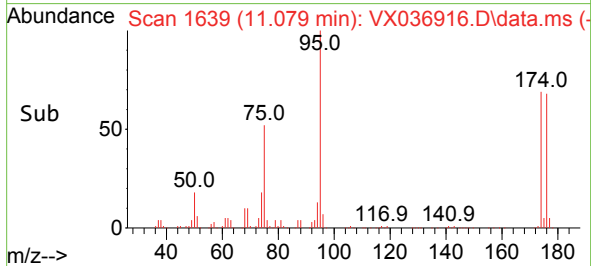


#62
 4-Bromofluorobenzene
 Concen: 48.677 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

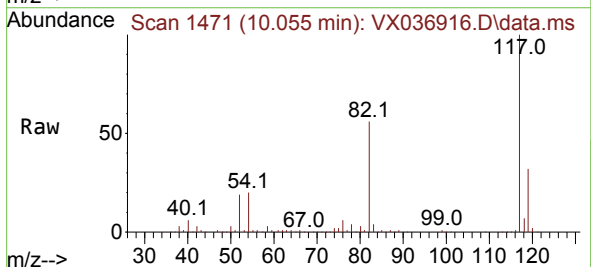
Instrument : MSVOA_X
 ClientSampleId :



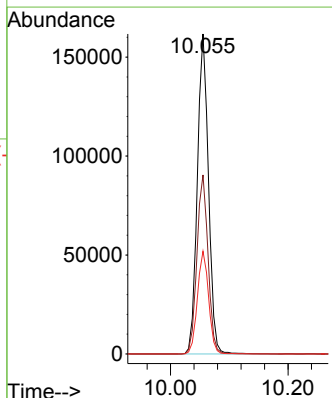
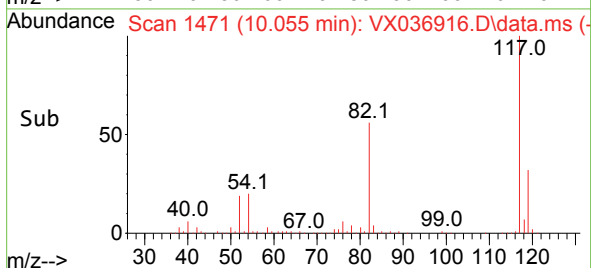
Tgt Ion: 95 Resp: 102554
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 135.6
 176 71.0 0.0 131.0

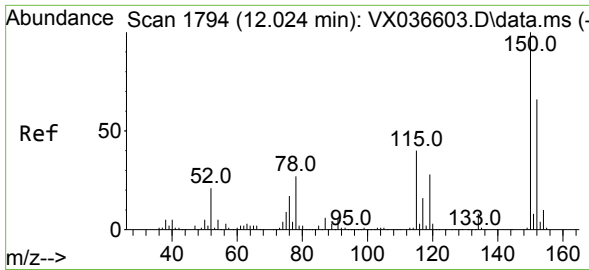


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30



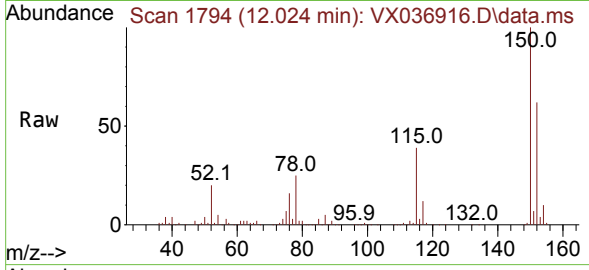
Tgt Ion: 117 Resp: 212875
 Ion Ratio Lower Upper
 117 100
 82 56.0 46.2 69.4
 119 32.1 25.5 38.3



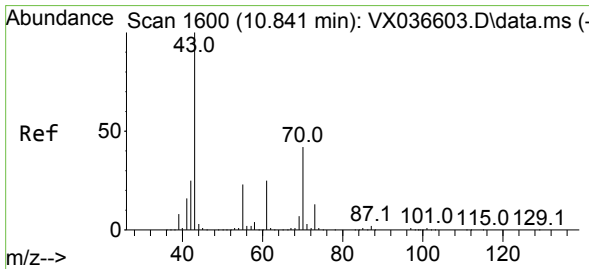
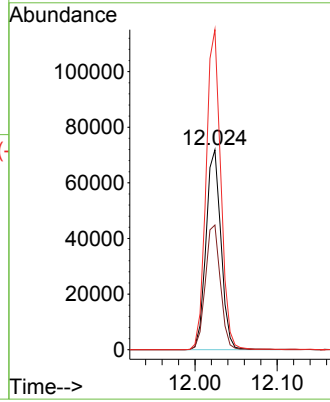
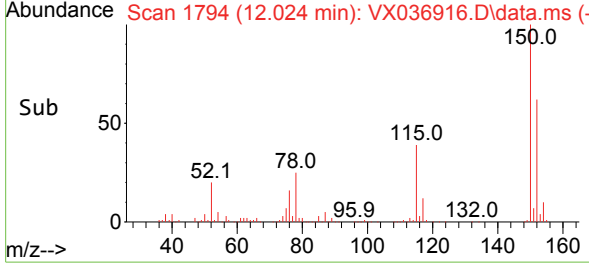


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

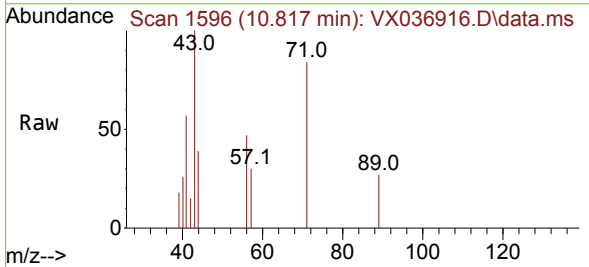
Instrument :
 MSVOA_X
 ClientSampleId :



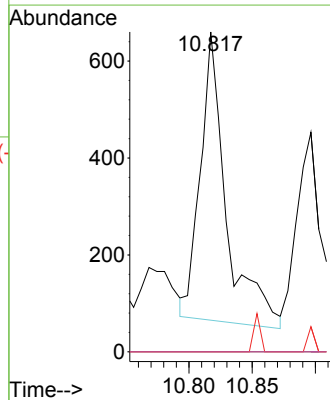
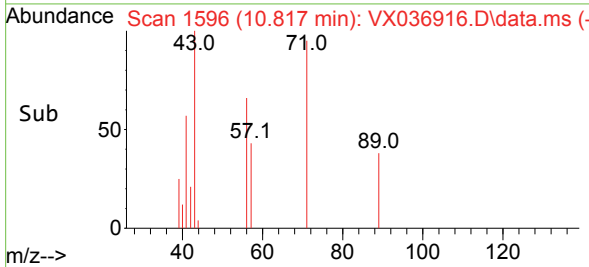
Tgt Ion:152 Resp: 90936
 Ion Ratio Lower Upper
 152 100
 115 62.6 43.3 129.9
 150 157.4 0.0 345.0

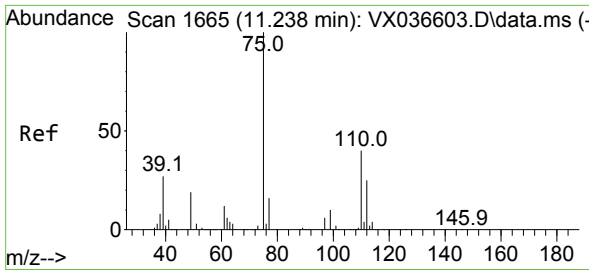


#74
 N-amy1 acetate
 Concen: 0.240 ug/l
 RT: 10.817 min Scan# 1596
 Delta R.T. -0.024 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30



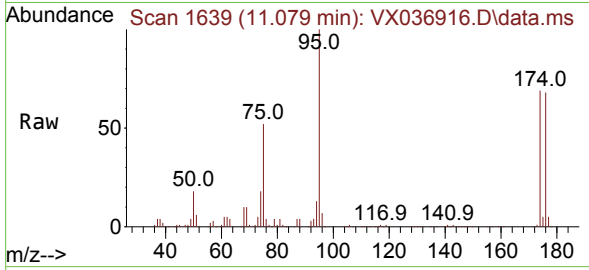
Tgt Ion: 43 Resp: 842
 Ion Ratio Lower Upper
 43 100
 70 0.0 32.9 49.3#
 55 0.0 19.3 28.9#
 61 0.0 18.8 28.2#



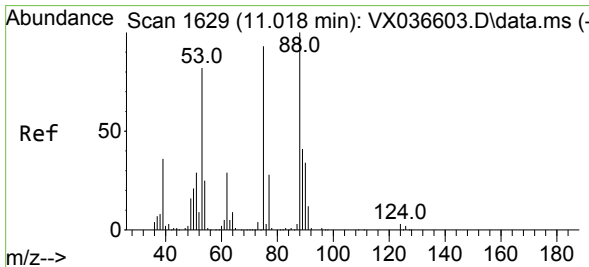
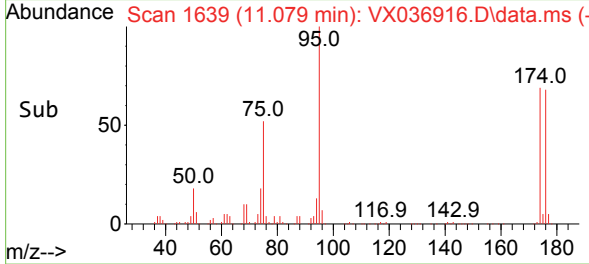
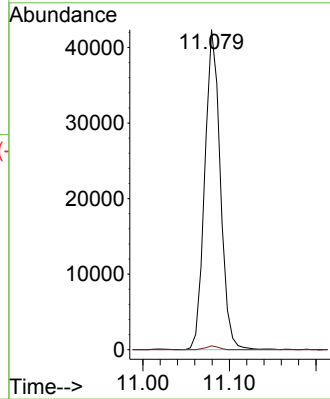


#76
 1,2,3-Trichloropropane
 Concen: 24.699 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Instrument : MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52828
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.981 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX036916.D
 Acq: 10 Aug 2023 16:30

Tgt Ion: 75 Resp: 52828
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

