

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036922.D
 Acq On : 10 Aug 2023 18:54
 Operator : JC/MD
 Sample : 03954-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 01:50:33 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)

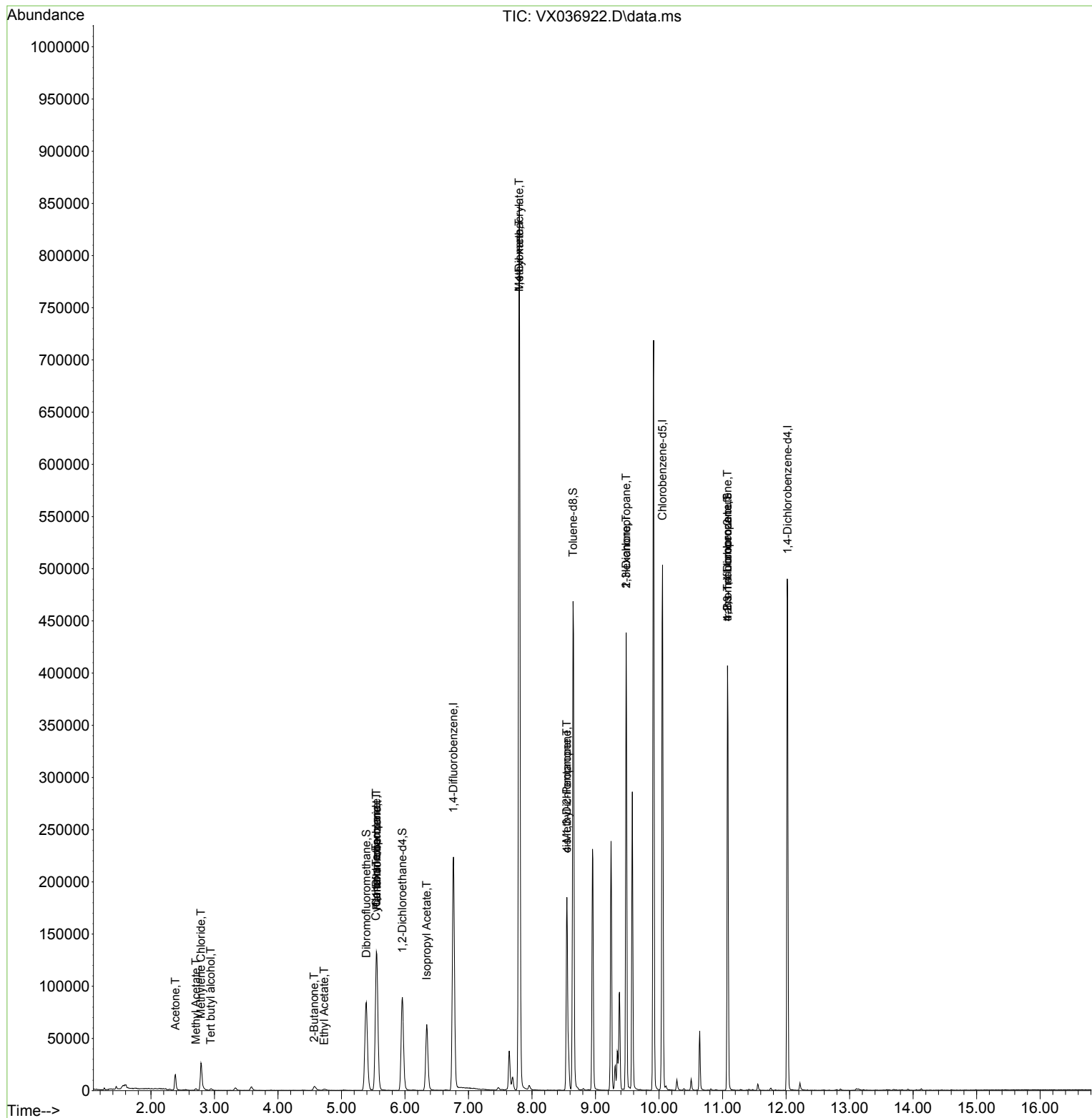
Internal Standards						
1) Pentafluorobenzene	5.556	168	124908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88665	47.974	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.940%
35) Dibromofluoromethane	5.391	113	74365	46.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.560%
50) Toluene-d8	8.647	98	282214	50.058	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.120%
62) 4-Bromofluorobenzene	11.079	95	111035	52.202	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	1011	2.311	ug/l #	78
16) Acetone	2.386	43	16601	21.646	ug/l	97
18) Methyl Acetate	2.709	43	2074	0.643	ug/l	96
20) Methylene Chloride	2.788	84	13851	8.121	ug/l	89
25) 2-Butanone	4.568	43	5197	4.177	ug/l	99
31) Cyclohexane	5.544	56	2906	1.136	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10409	4.393	ug/l #	50
37) Ethyl Acetate	4.727	43	2630	0.981	ug/l #	85
38) Carbon Tetrachloride	5.550	117	13641	5.415	ug/l #	15
43) Isopropyl Acetate	6.342	43	84745	18.356	ug/l #	94
48) Methyl methacrylate	7.799	41	72475	33.756	ug/l #	49
49) 1,4-Dioxane	7.799	88	59	1.360	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	76408	29.907	ug/l #	37
54) cis-1,3-Dichloropropene	8.549	75	31719	10.058	ug/l #	52
57) 1,3-Dichloropropane	9.482	76	3640	1.204	ug/l #	42
59) 2-Hexanone	9.482	43	47901	25.263	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	58404	24.145	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58404	54.727	ug/l #	5

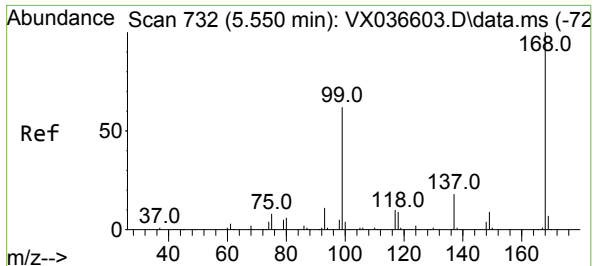
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 03954-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

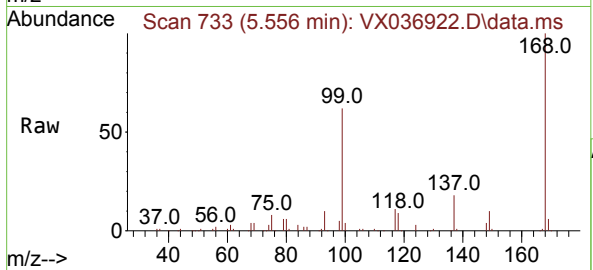
Quant Time: Aug 11 01:50:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



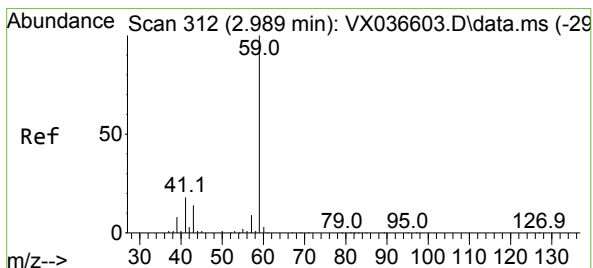
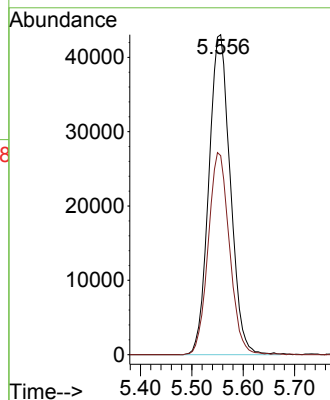
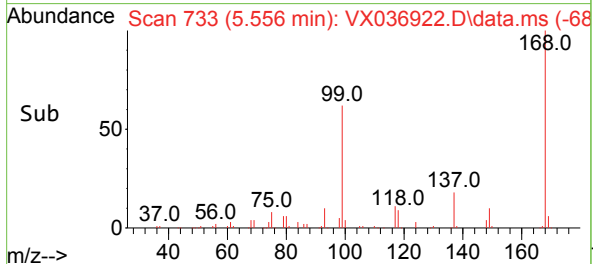


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :

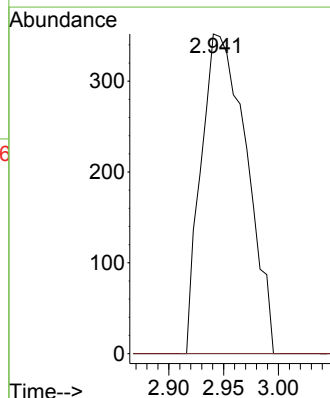
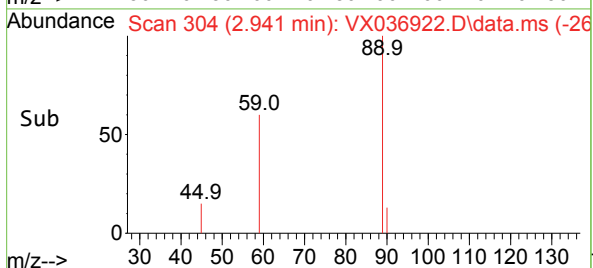
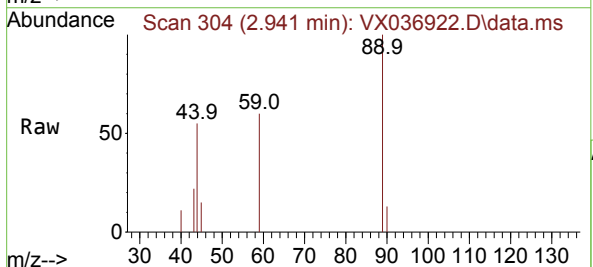


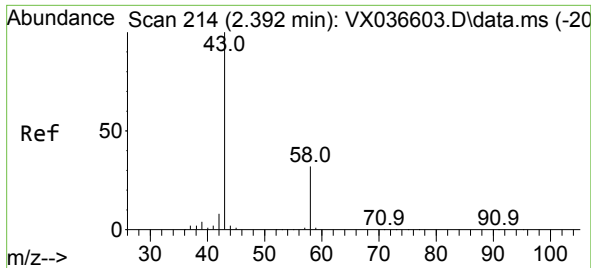
Tgt Ion:168 Resp: 124908
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.311 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

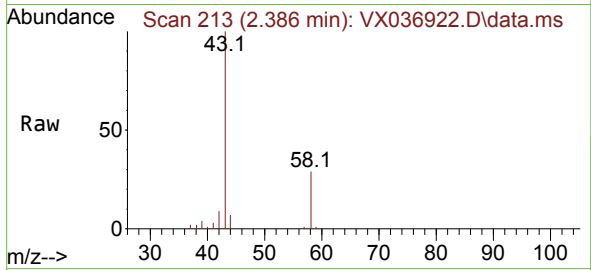
Tgt Ion: 59 Resp: 1011
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



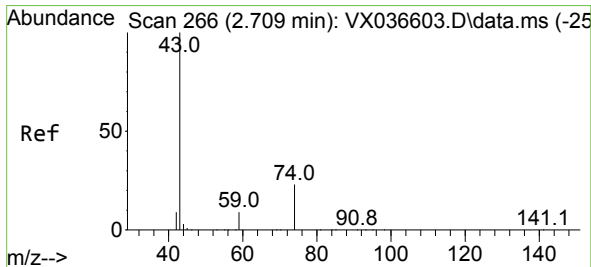
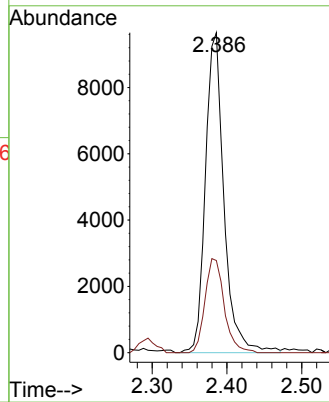
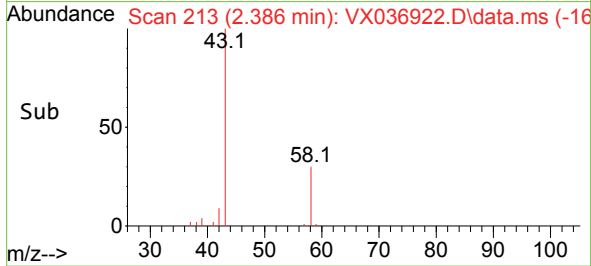


#16
Acetone
Concen: 21.646 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

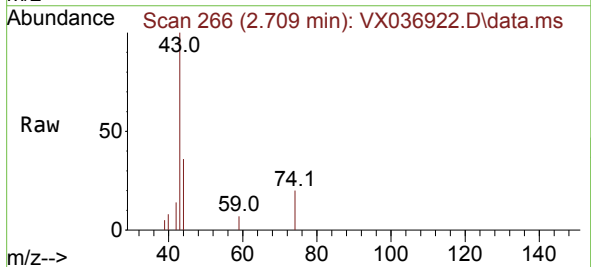
Instrument :
MSVOA_X
ClientSampleId :



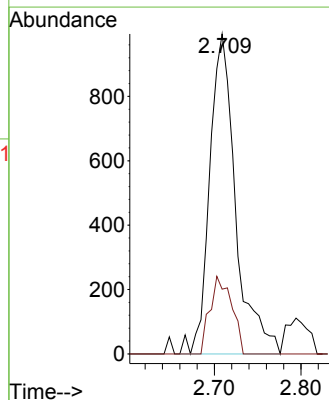
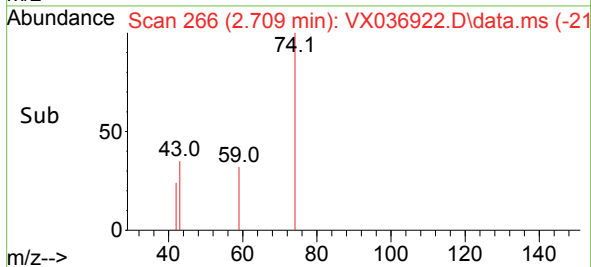
Tgt Ion: 43 Resp: 16601
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9

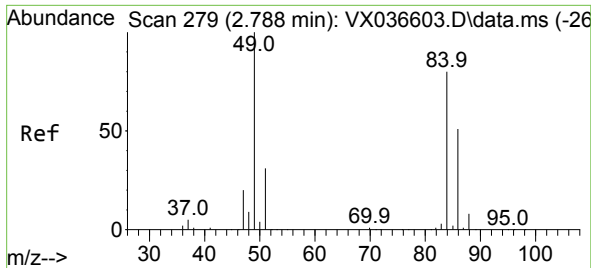


#18
Methyl Acetate
Concen: 0.643 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54



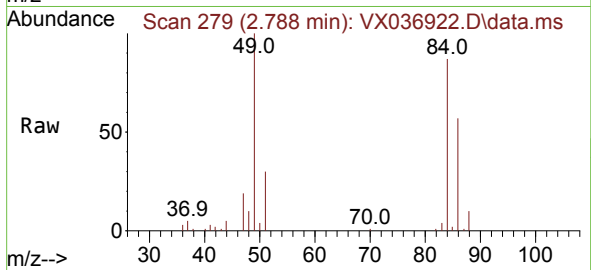
Tgt Ion: 43 Resp: 2074
Ion Ratio Lower Upper
43 100
74 20.3 17.8 26.8



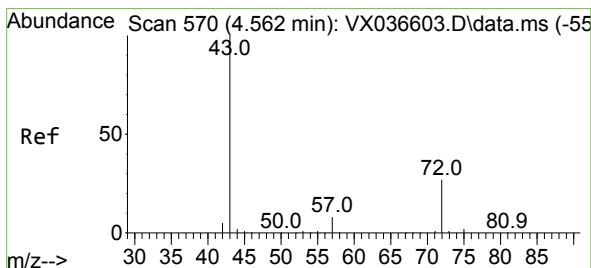
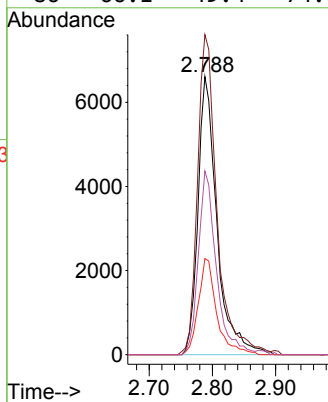
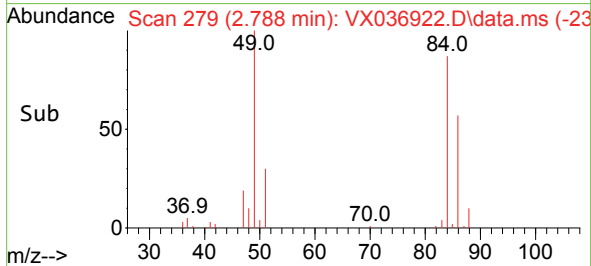


#20
Methylene Chloride
Concen: 8.121 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :

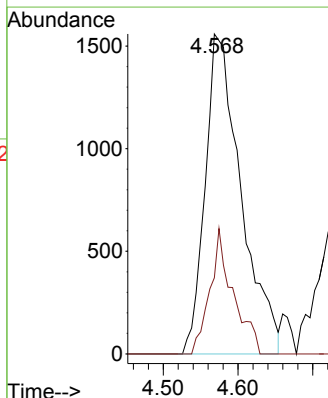
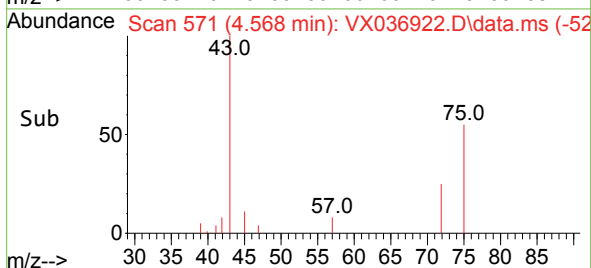
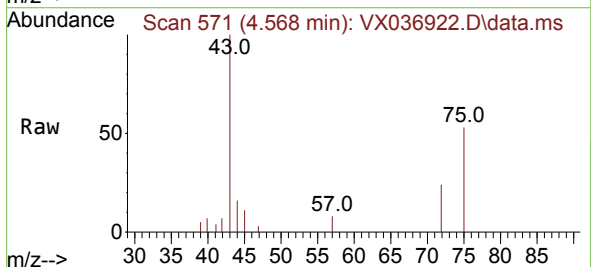


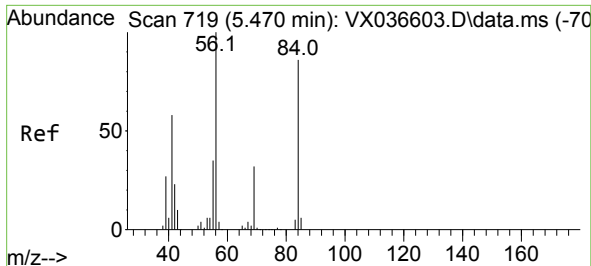
Tgt Ion:	84	Resp:	13851
Ion	Ratio	Lower	Upper
84	100		
49	115.0	103.6	155.4
51	34.6	33.8	50.6
86	66.1	49.4	74.0



#25
2-Butanone
Concen: 4.177 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

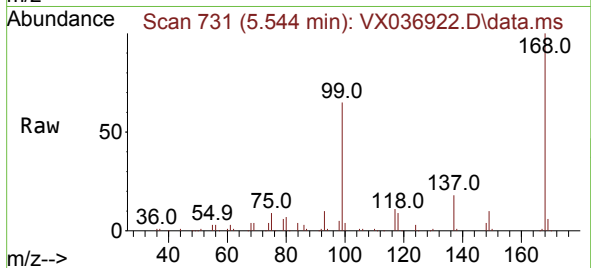
Tgt Ion:	43	Resp:	5197
Ion	Ratio	Lower	Upper
43	100		
72	23.8	19.4	29.2



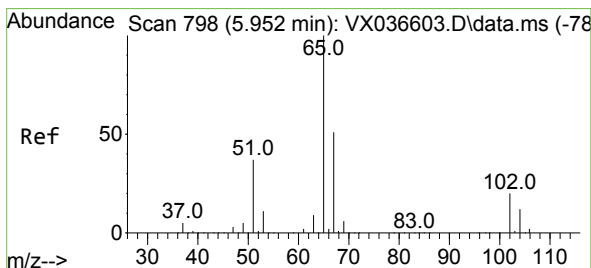
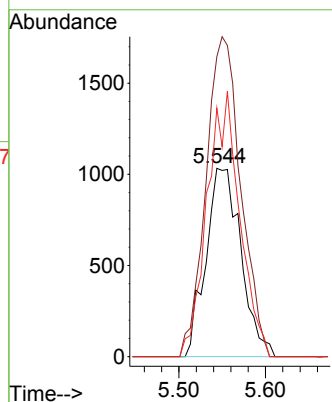
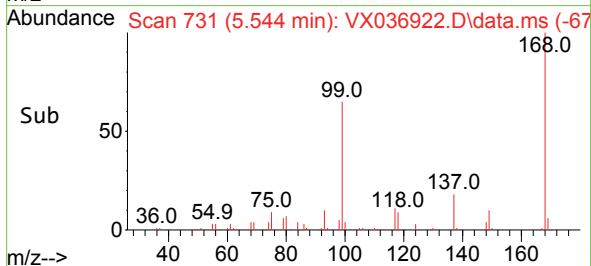


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :

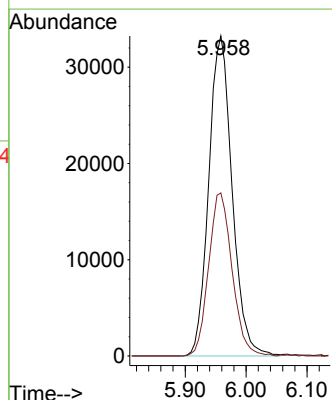
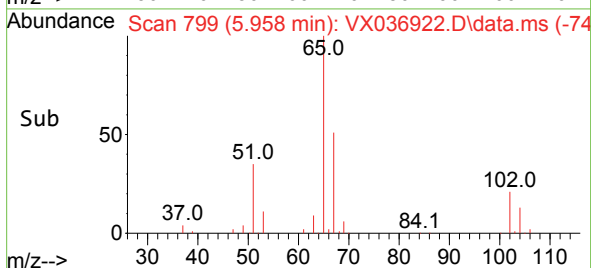
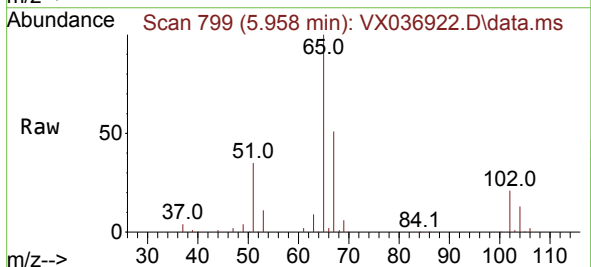


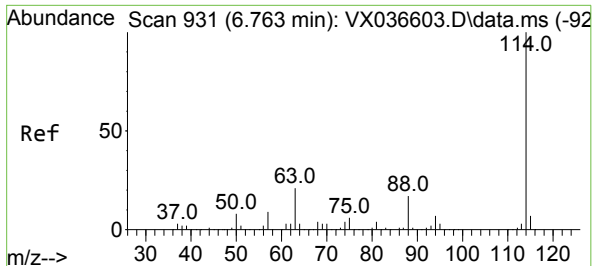
Tgt Ion: 56 Resp: 2906
Ion Ratio Lower Upper
56 100
69 159.2 23.4 35.2#
84 131.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.974 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

Tgt Ion: 65 Resp: 88665
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

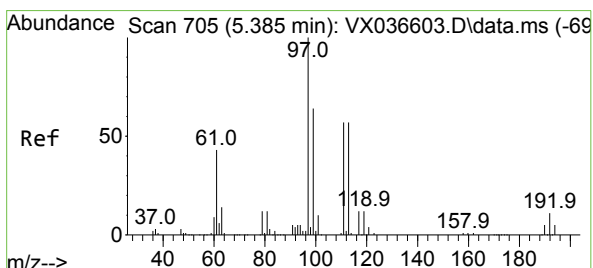
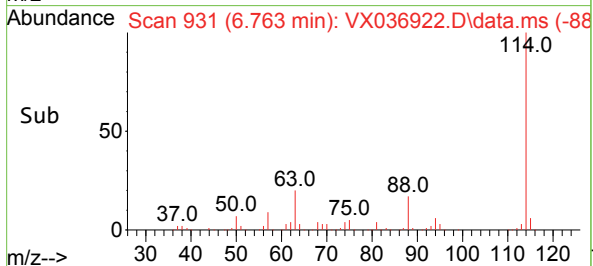
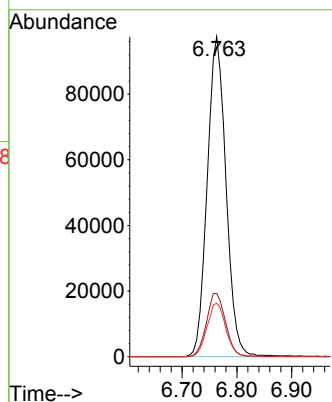
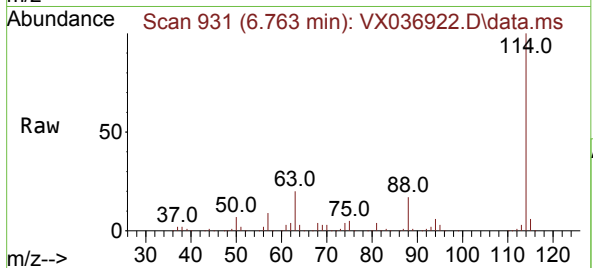




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

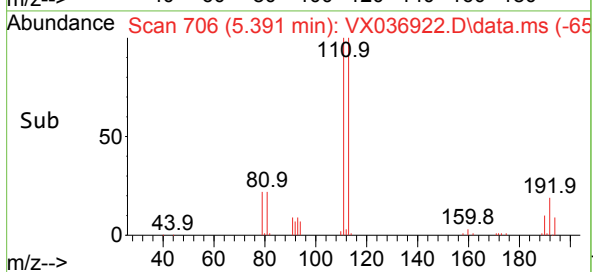
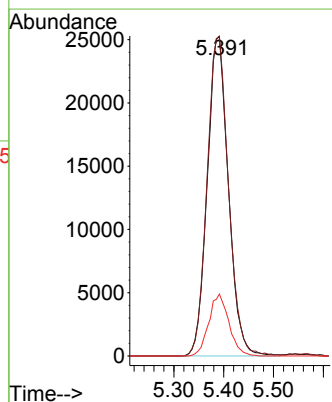
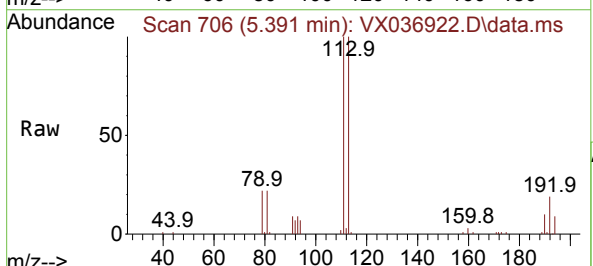
Instrument :
MSVOA_X
ClientSampleId :

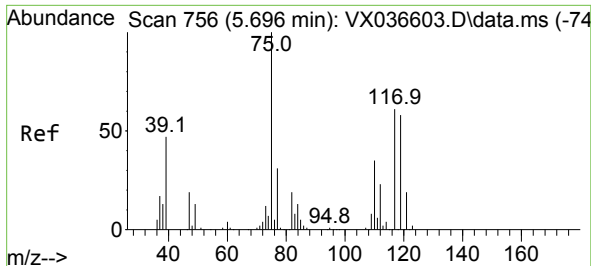
Tgt Ion:114 Resp: 231294
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.777 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

Tgt Ion:113 Resp: 74365
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 18.4 13.3 19.9

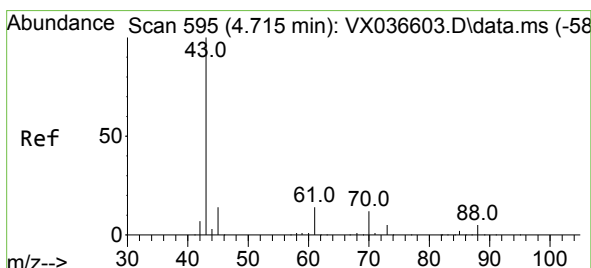
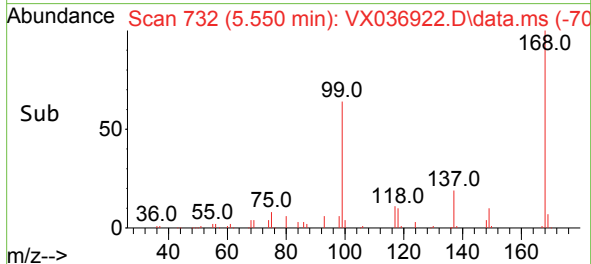
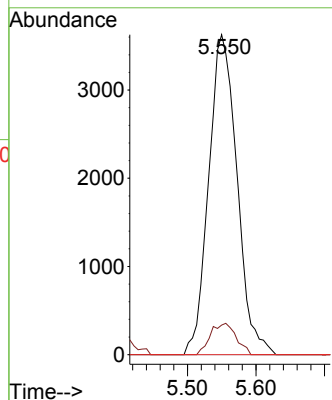
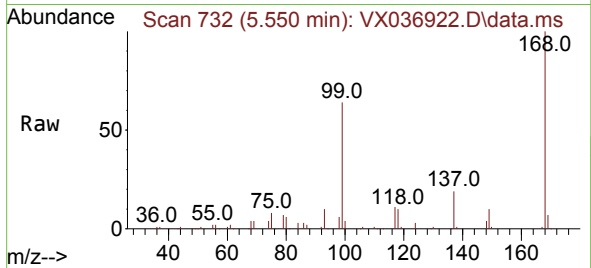




#36
1,1-Dichloropropene
Concen: 4.393 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

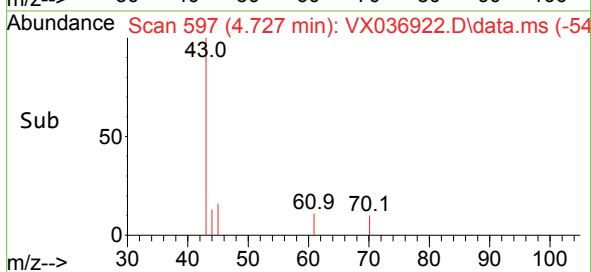
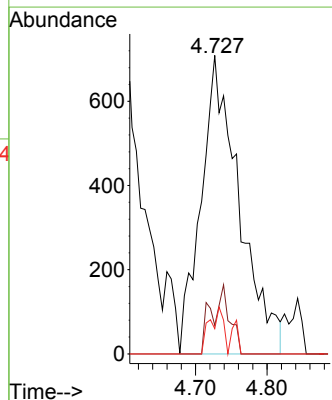
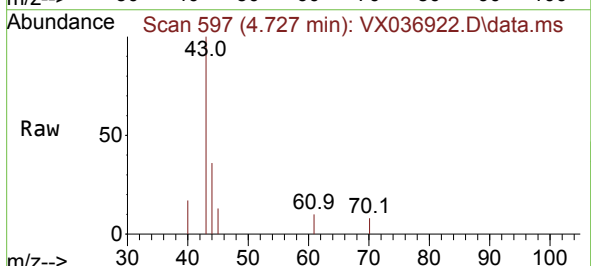
Instrument :
MSVOA_X
ClientSampleId :

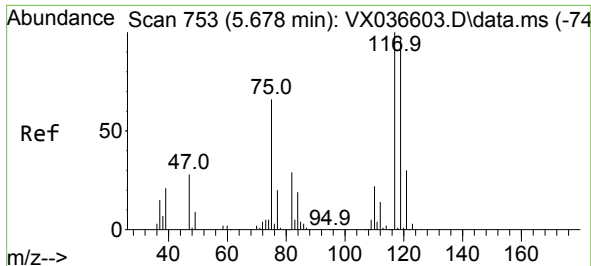
Tgt Ion: 75 Resp: 10409
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.981 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

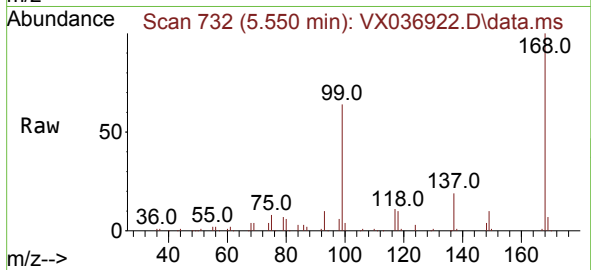
Tgt Ion: 43 Resp: 2630
Ion Ratio Lower Upper
43 100
61 6.9 10.6 16.0#
70 5.6 8.3 12.5#



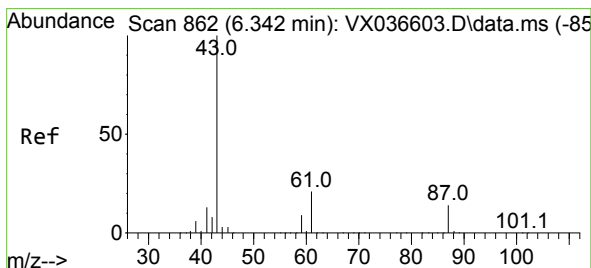
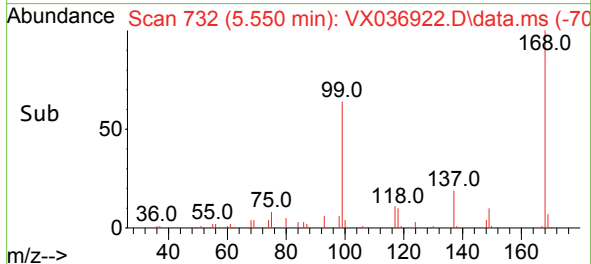
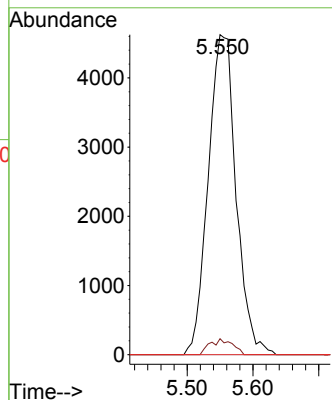


#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :

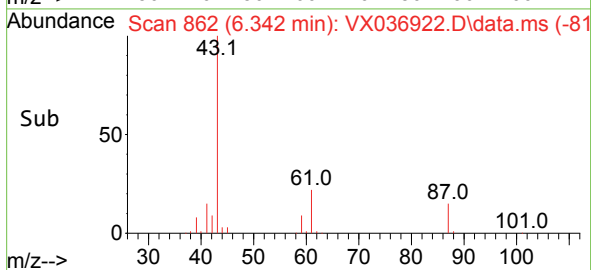
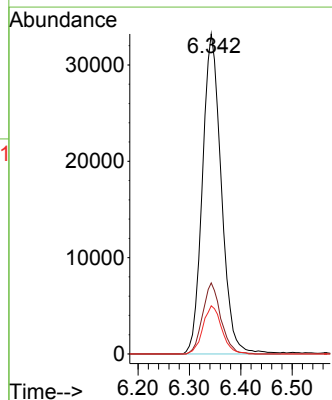
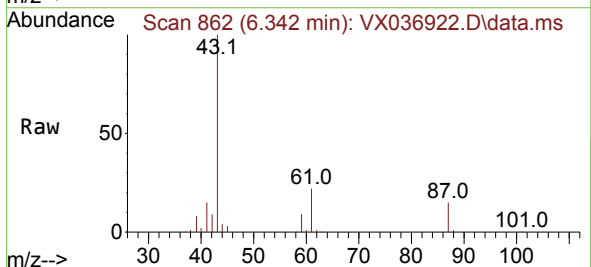


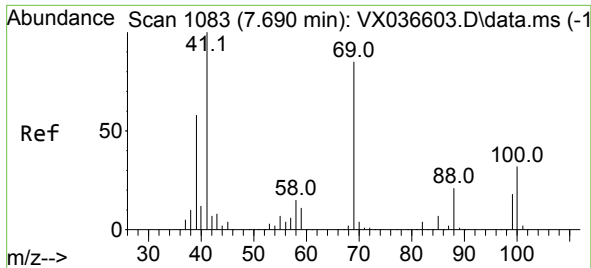
Tgt Ion:117 Resp: 13641
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 18.356 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

Tgt Ion: 43 Resp: 84745
Ion Ratio Lower Upper
43 100
61 21.5 15.2 22.8
87 15.0 9.8 14.6#

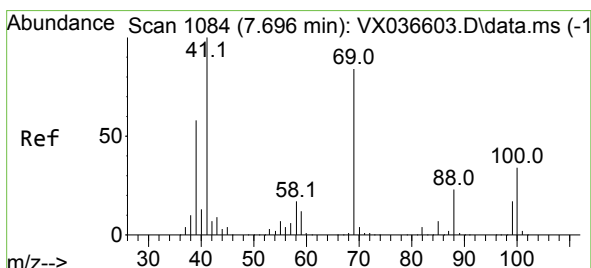
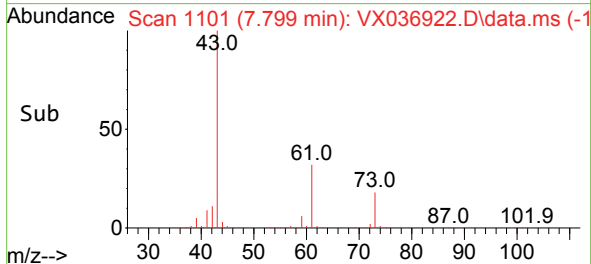
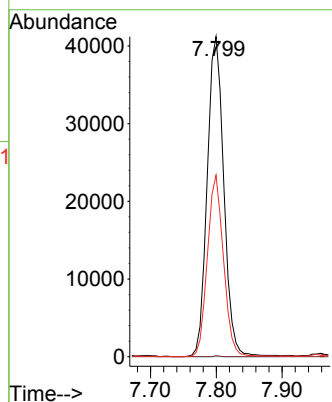
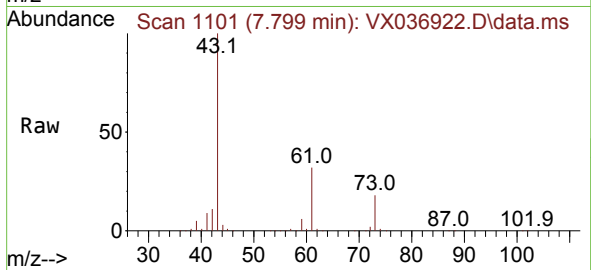




#48
Methyl methacrylate
Concen: 33.756 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

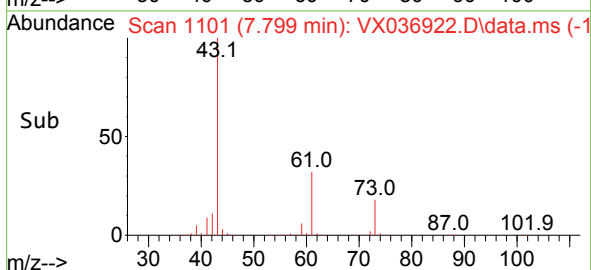
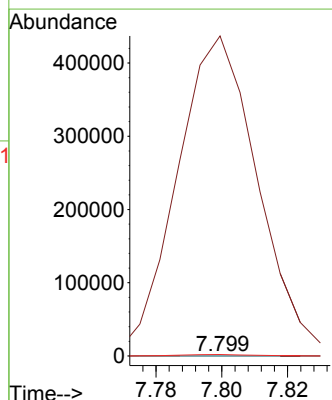
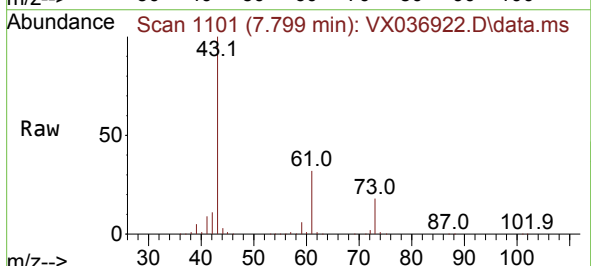
Instrument :
MSVOA_X
ClientSampleId :

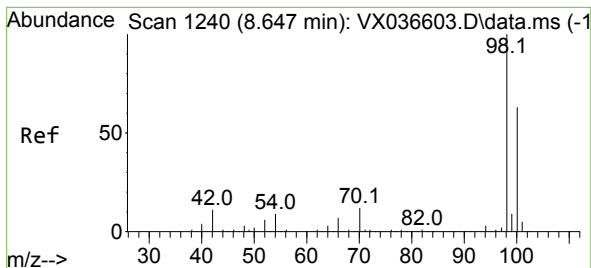
Tgt Ion: 41 Resp: 72475
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 55.0 47.7 71.5



#49
1,4-Dioxane
Concen: 1.360 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 1285571.2 0.0 0.0#
58 5423.7 60.1 90.1#





#50

Toluene-d8

Concen: 50.058 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036922.D

Acq: 10 Aug 2023 18:54

Instrument :

MSVOA_X

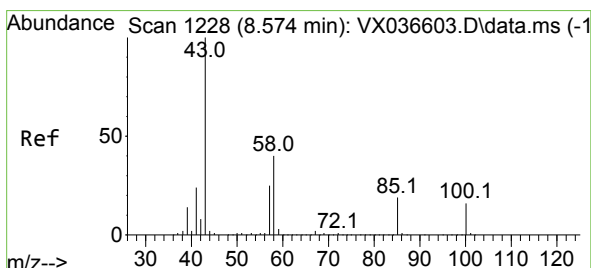
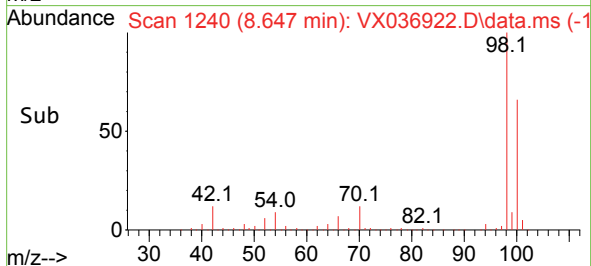
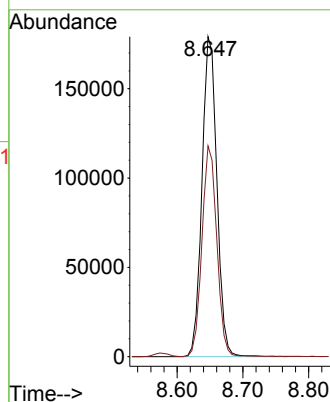
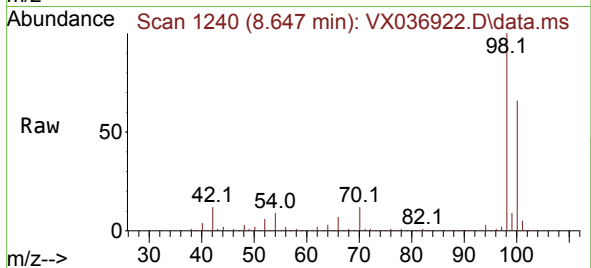
ClientSampleId :

Tgt Ion: 98 Resp: 282214

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 29.907 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX036922.D

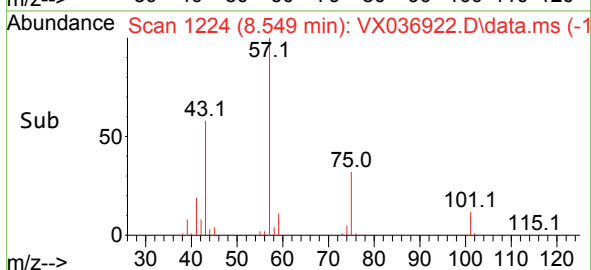
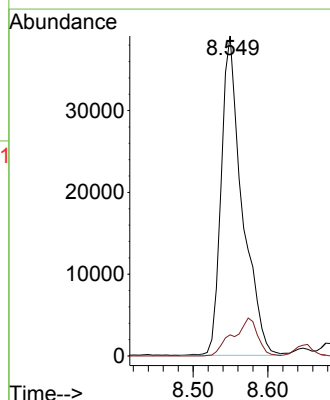
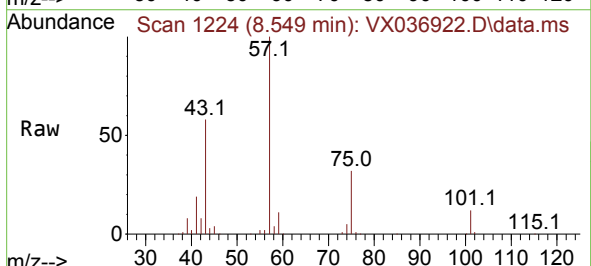
Acq: 10 Aug 2023 18:54

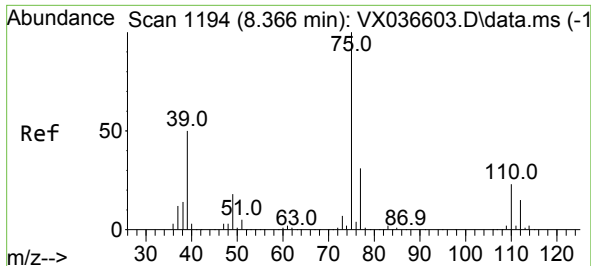
Tgt Ion: 43 Resp: 76408

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#

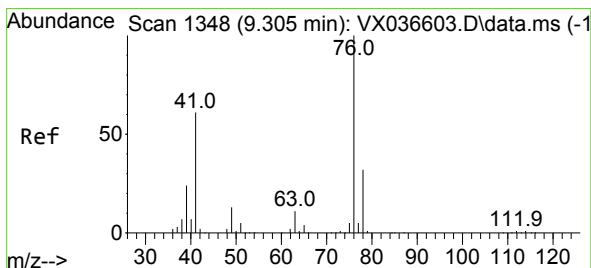
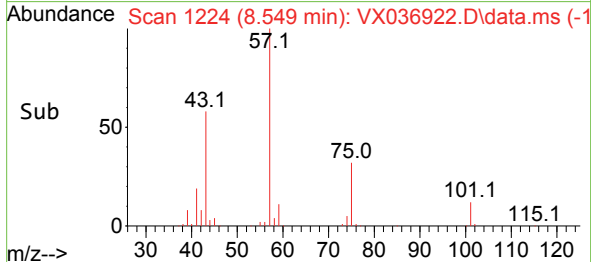
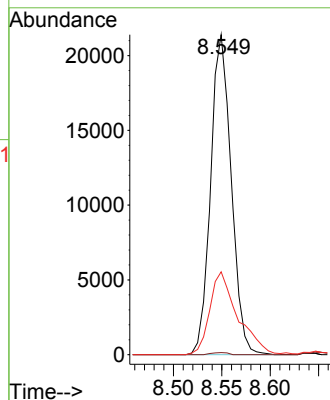
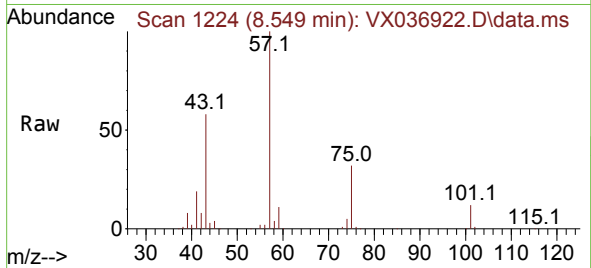




#54
 cis-1,3-Dichloropropene
 Concen: 10.058 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX036922.D
 Acq: 10 Aug 2023 18:54

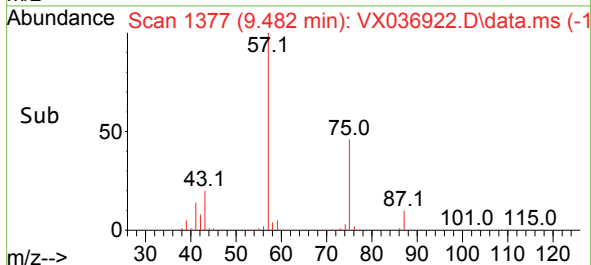
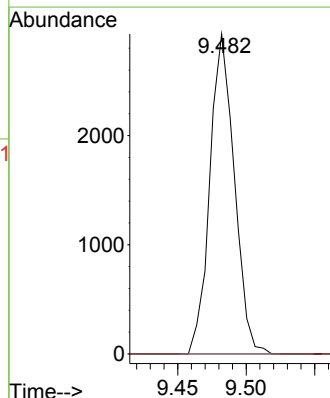
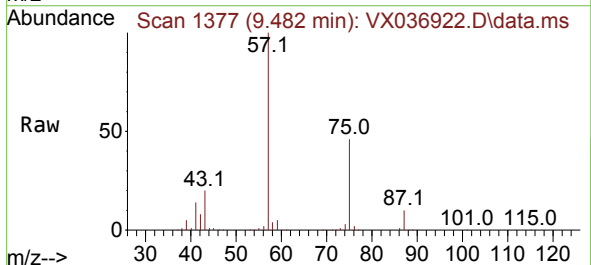
Instrument :
 MSVOA_X
 ClientSampleId :

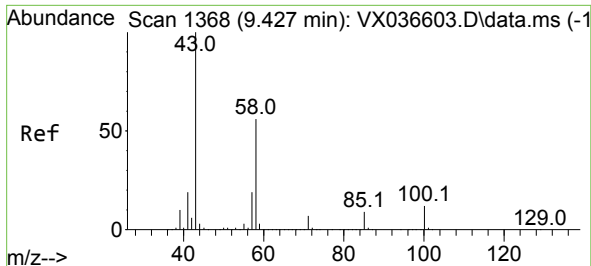
Tgt Ion: 75 Resp: 31719
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.3 37.9#
 39 25.9 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 1.204 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX036922.D
 Acq: 10 Aug 2023 18:54

Tgt Ion: 76 Resp: 3640
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

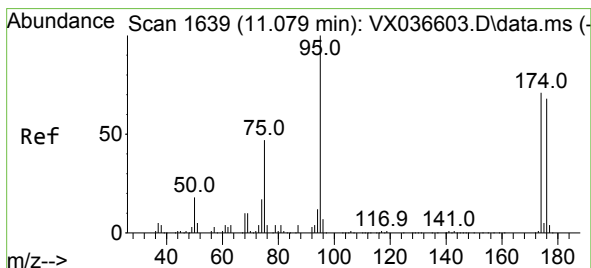
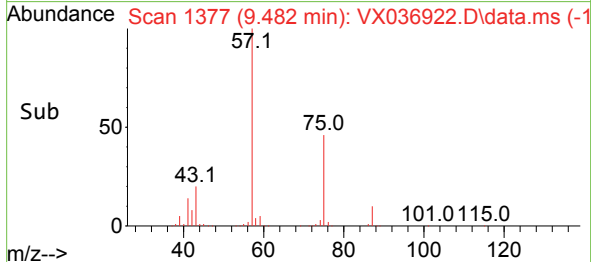
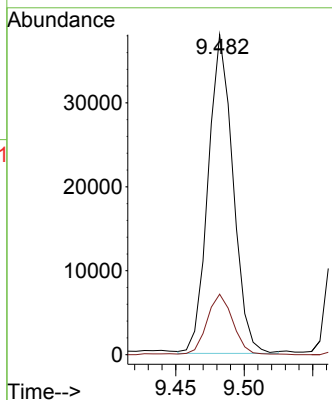
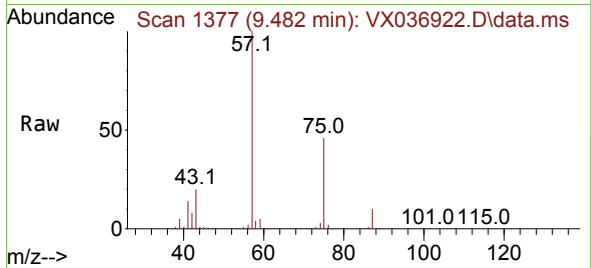




#59
2-Hexanone
Concen: 25.263 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

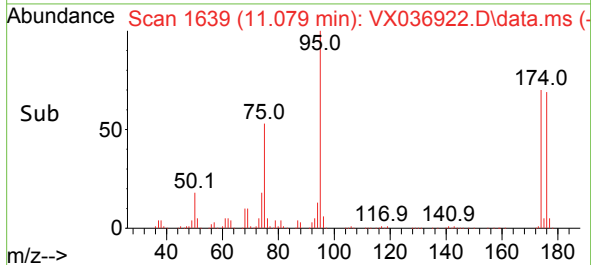
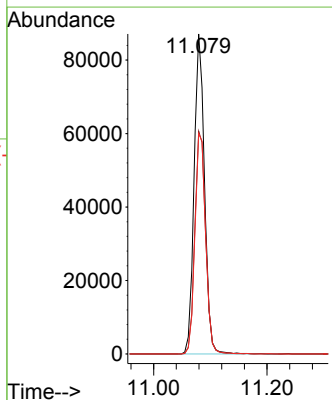
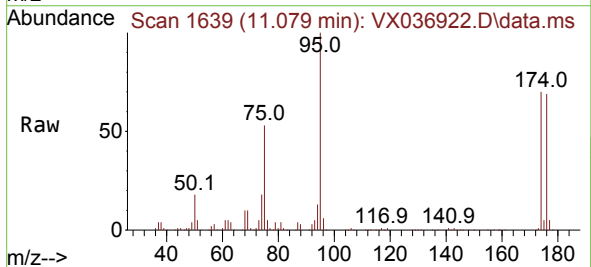
Instrument :
MSVOA_X
ClientSampleId :

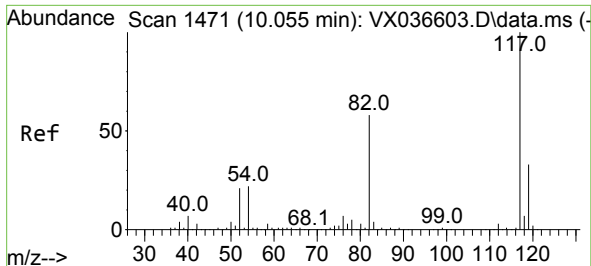
Tgt Ion: 43 Resp: 47901
Ion Ratio Lower Upper
43 100
58 19.8 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 52.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

Tgt Ion: 95 Resp: 111035
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.6
176 71.0 0.0 131.0

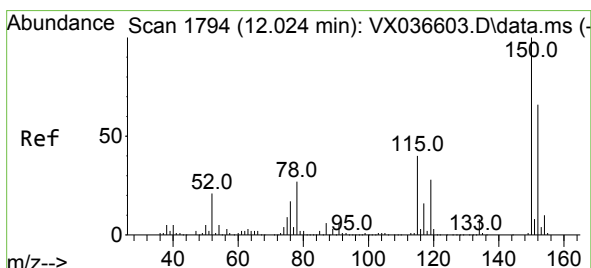
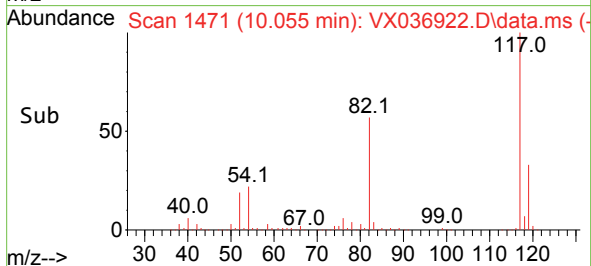
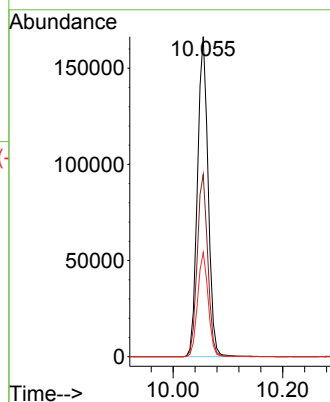
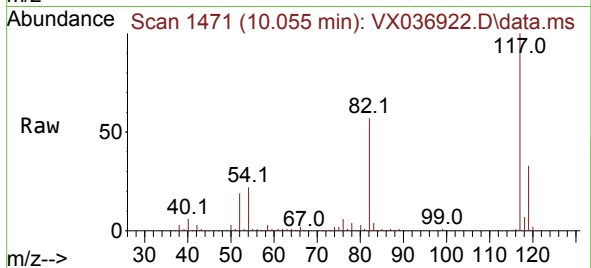




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

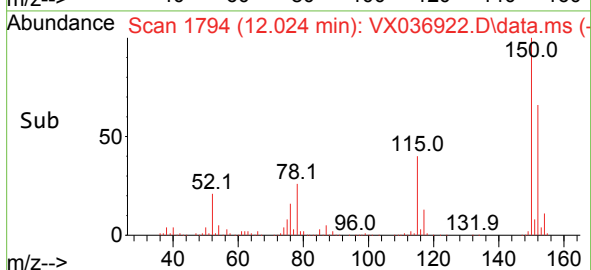
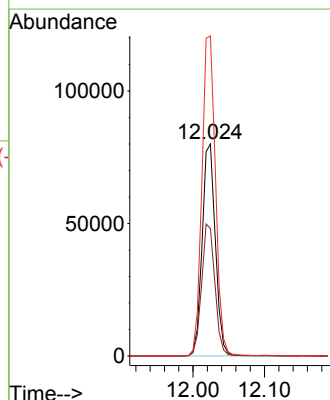
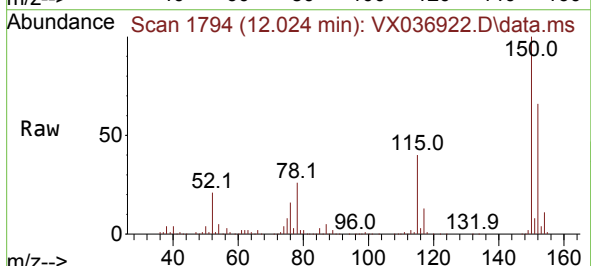
Instrument :
MSVOA_X
ClientSampleId :

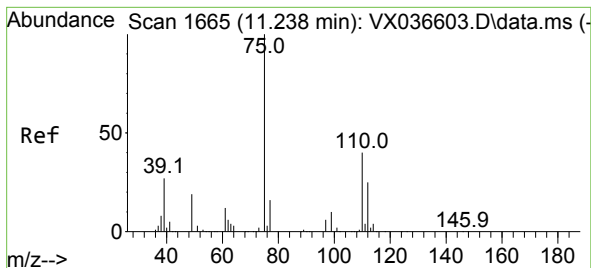
Tgt Ion:117 Resp: 225676
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036922.D
Acq: 10 Aug 2023 18:54

Tgt Ion:152 Resp: 102838
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 154.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.145 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036922.D

Acq: 10 Aug 2023 18:54

Instrument :

MSVOA_X

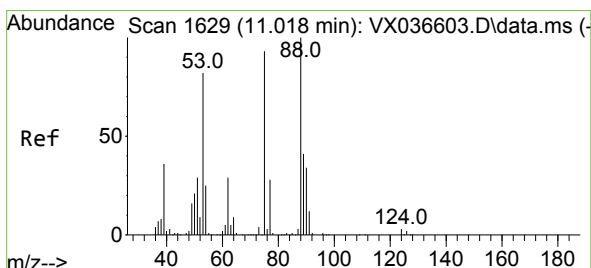
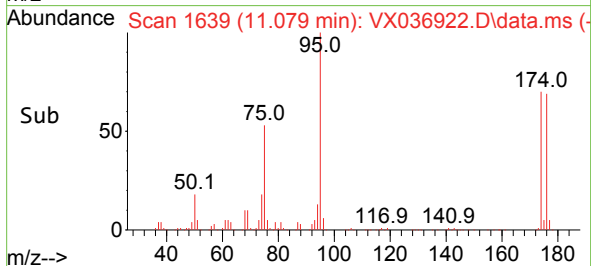
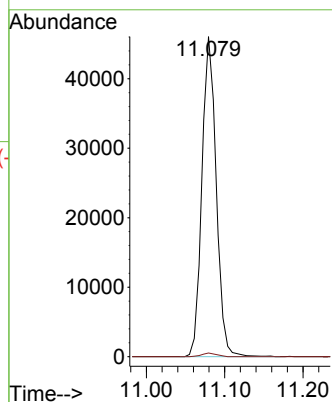
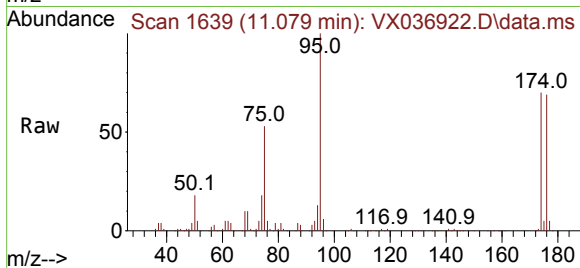
ClientSampleId :

Tgt Ion: 75 Resp: 58404

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.727 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036922.D

Acq: 10 Aug 2023 18:54

Tgt Ion: 75 Resp: 58404

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

