

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036925.D
 Acq On : 10 Aug 2023 20:06
 Operator : JC/MD
 Sample : 03955-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 01:51:47 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)

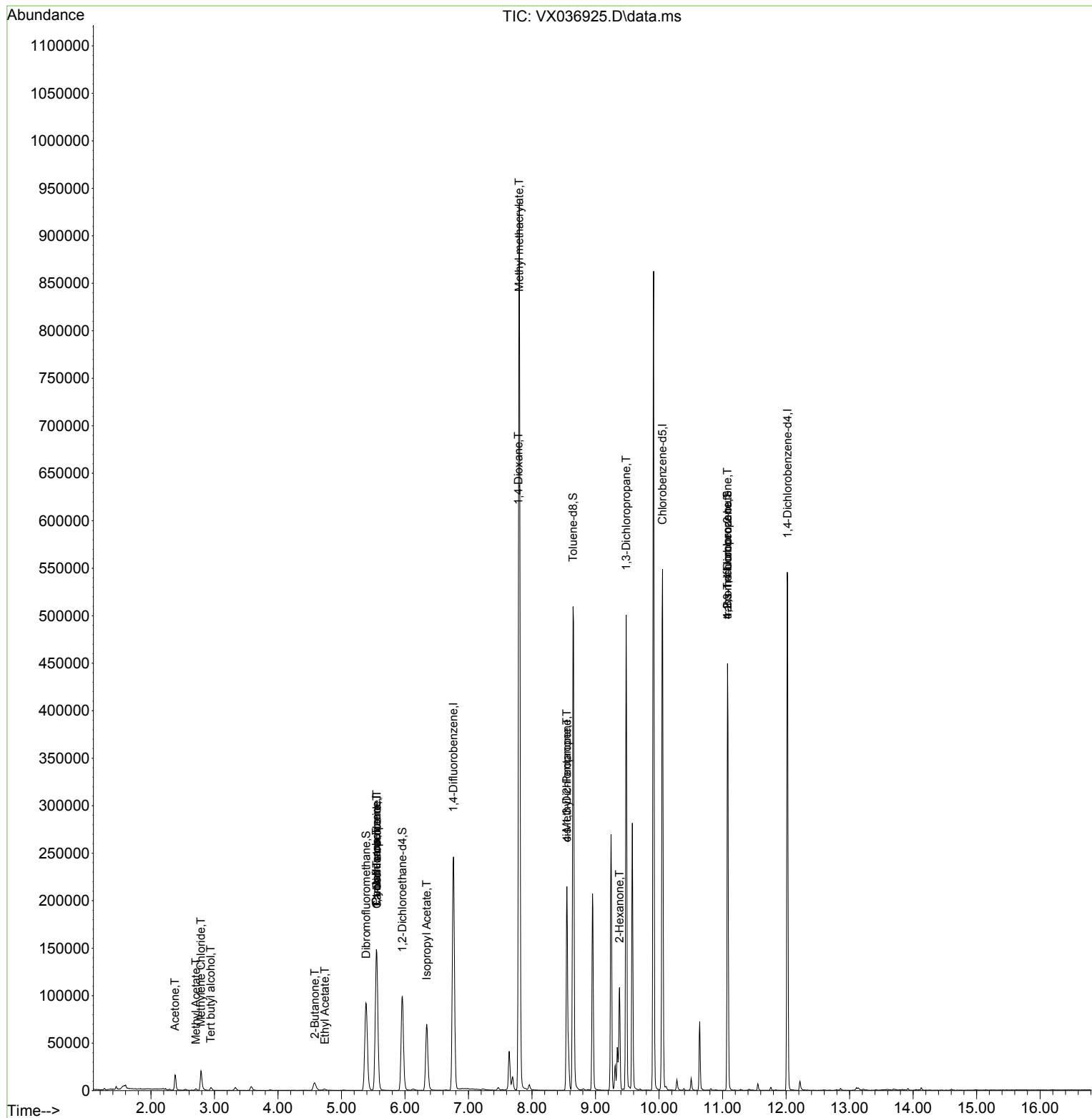
Internal Standards						
1) Pentafluorobenzene	5.550	168	137401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98598	48.498	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.000%
35) Dibromofluoromethane	5.385	113	81462	46.397	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	8.647	98	307637	49.409	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.820%
62) 4-Bromofluorobenzene	11.079	95	120944	51.486	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1914	3.977	ug/l #	78
16) Acetone	2.380	43	17898	21.215	ug/l	92
18) Methyl Acetate	2.709	43	2203	0.621	ug/l	96
20) Methylene Chloride	2.788	84	10629	5.665	ug/l	90
25) 2-Butanone	4.580	43	6058	4.426	ug/l #	89
31) Cyclohexane	5.550	56	2985	1.060	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	11446	4.374	ug/l #	51
37) Ethyl Acetate	4.739	43	2274	0.768	ug/l #	92
38) Carbon Tetrachloride	5.556	117	14486	5.207	ug/l #	14
43) Isopropyl Acetate	6.342	43	94929	18.618	ug/l #	95
48) Methyl methacrylate	7.799	41	78429	33.076	ug/l #	49
49) 1,4-Dioxane	7.787	88	137	2.860	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	85873	30.435	ug/l #	37
54) cis-1,3-Dichloropropene	8.549	75	34984	10.044	ug/l #	52
57) 1,3-Dichloropropane	9.482	76	4356	1.304	ug/l #	42
59) 2-Hexanone	9.378	43	80030	38.218	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	63654	23.891	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	63654	54.151	ug/l #	5

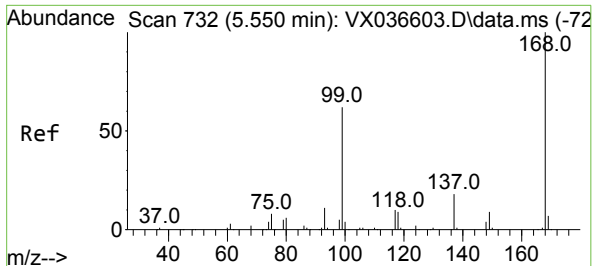
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

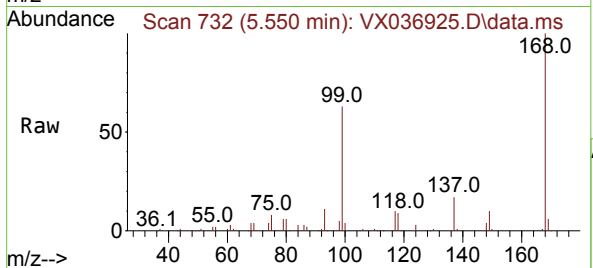
Quant Time: Aug 11 01:51:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



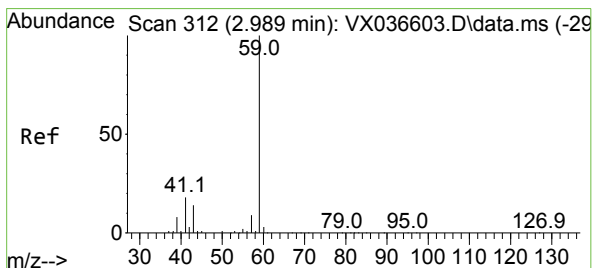
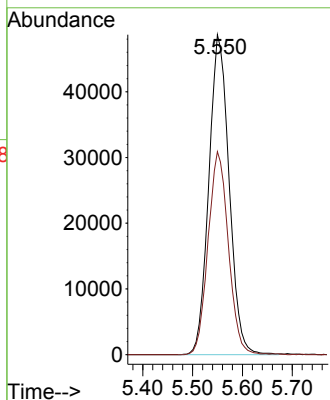
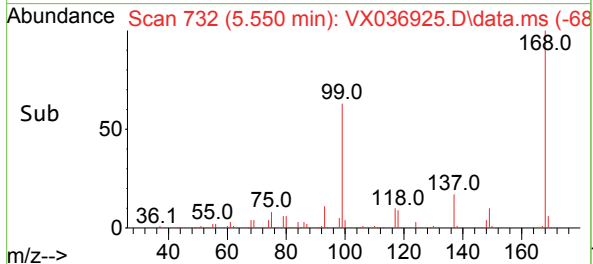


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

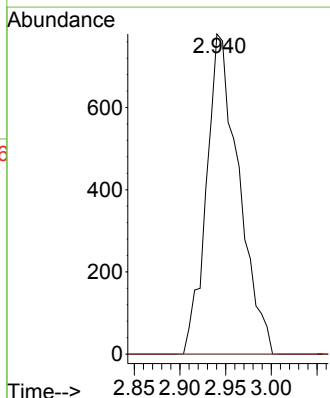
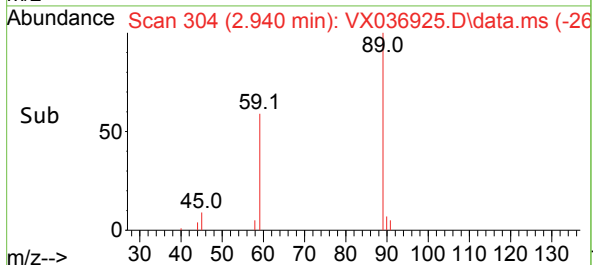
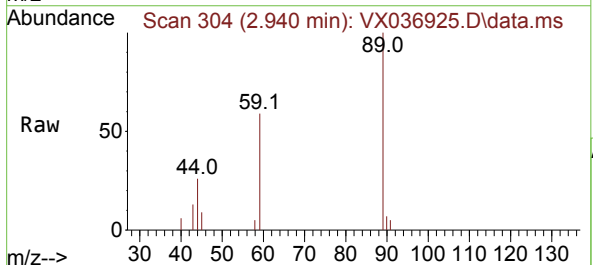


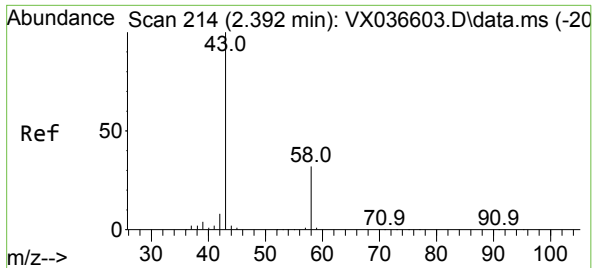
Tgt Ion:168 Resp: 137401
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.977 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Tgt Ion: 59 Resp: 1914
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

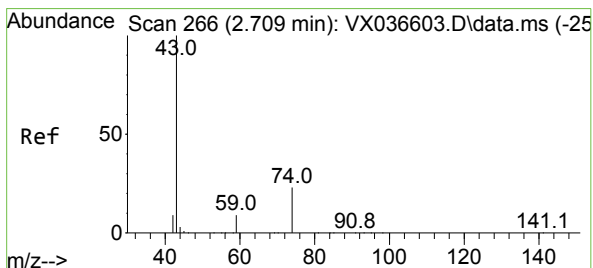
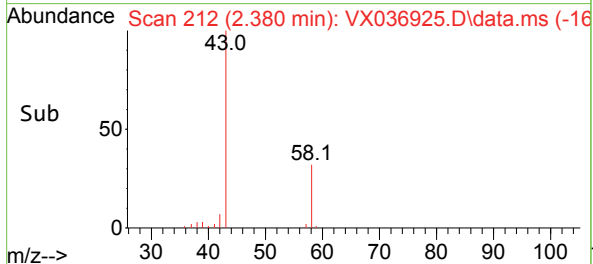
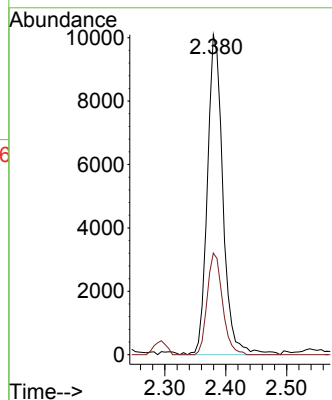
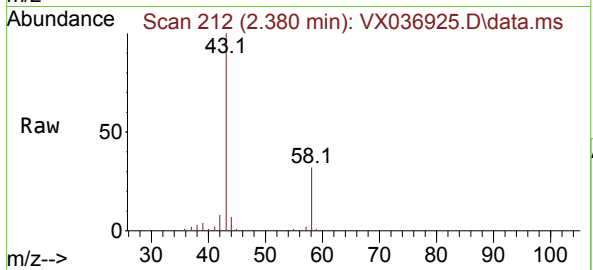




#16
Acetone
Concen: 21.215 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

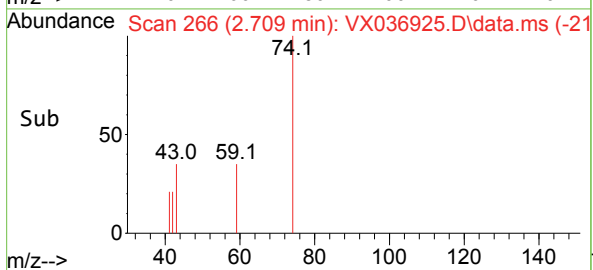
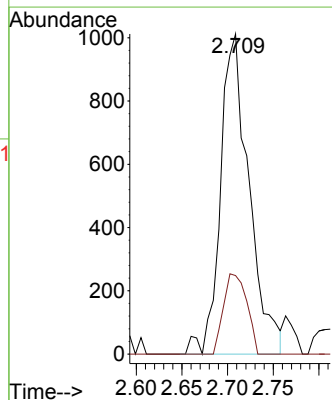
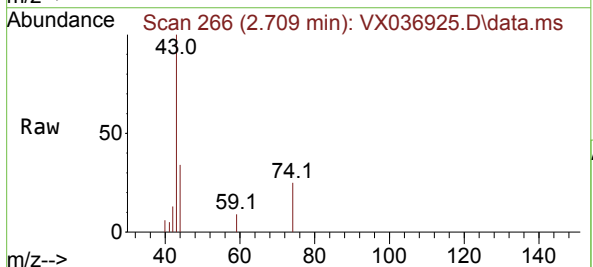
Instrument :
MSVOA_X
ClientSampleId :

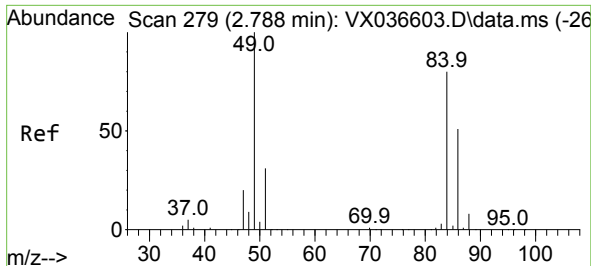
Tgt Ion: 43 Resp: 17898
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9



#18
Methyl Acetate
Concen: 0.621 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

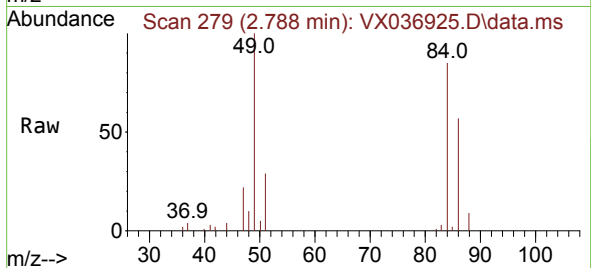
Tgt Ion: 43 Resp: 2203
Ion Ratio Lower Upper
43 100
74 20.5 17.8 26.8



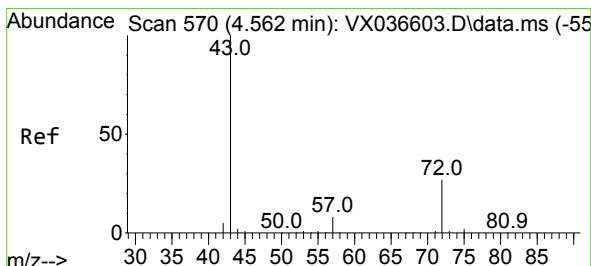
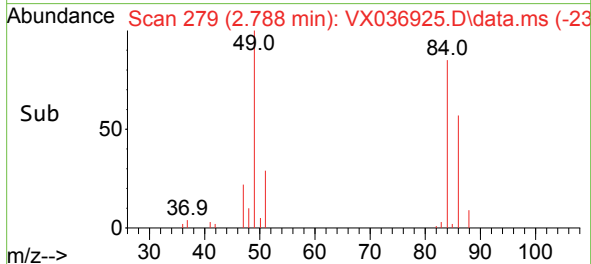
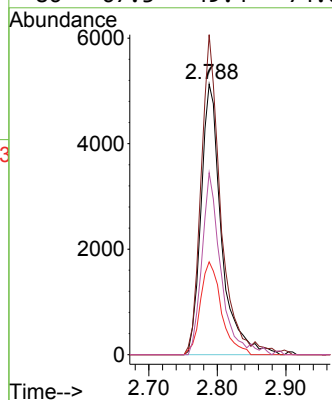


#20
Methylene Chloride
Concen: 5.665 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

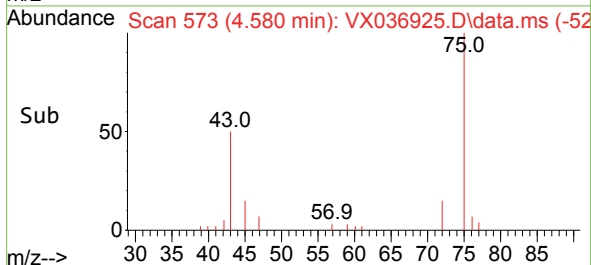
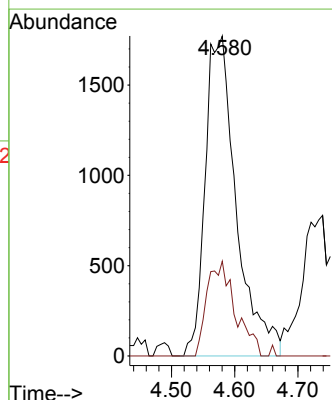
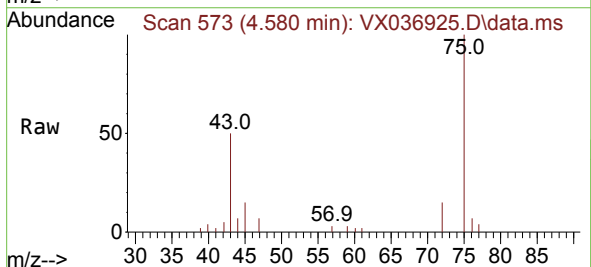


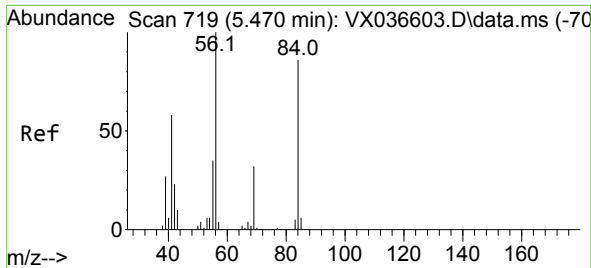
Tgt Ion:	84	Resp:	10629
Ion	Ratio	Lower	Upper
84	100		
49	118.3	103.6	155.4
51	34.3	33.8	50.6
86	67.3	49.4	74.0



#25
2-Butanone
Concen: 4.426 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

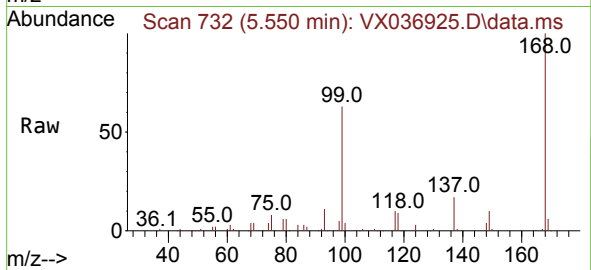
Tgt Ion:	43	Resp:	6058
Ion	Ratio	Lower	Upper
43	100		
72	29.6	19.4	29.2#



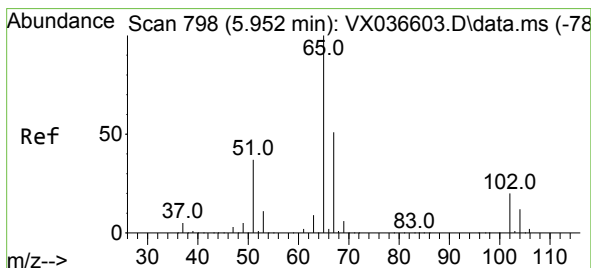
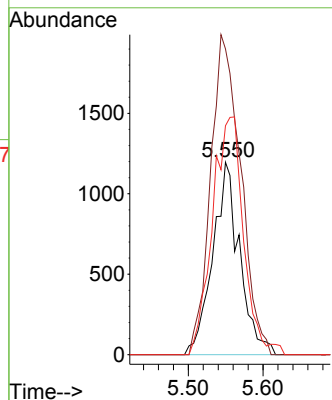
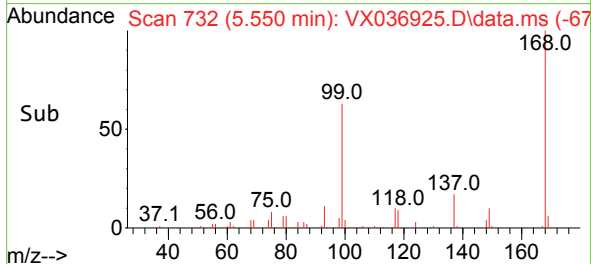


#31
Cyclohexane
Concen: 1.060 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

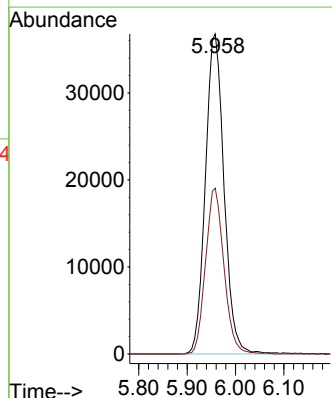
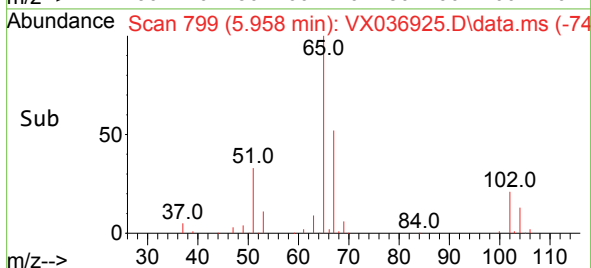
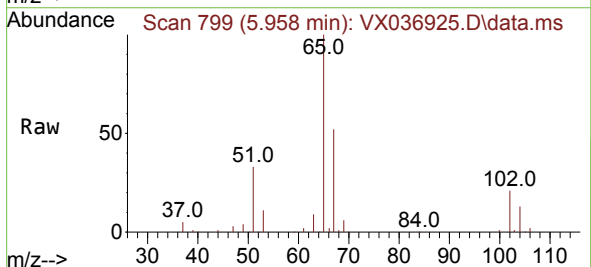


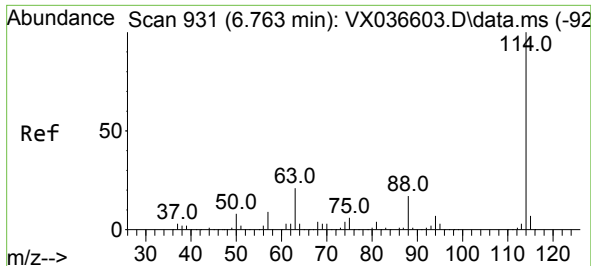
Tgt Ion: 56 Resp: 2985
Ion Ratio Lower Upper
56 100
69 158.9 23.4 35.2#
84 119.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.498 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

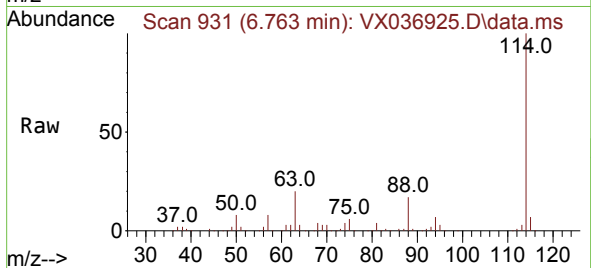
Tgt Ion: 65 Resp: 98598
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2



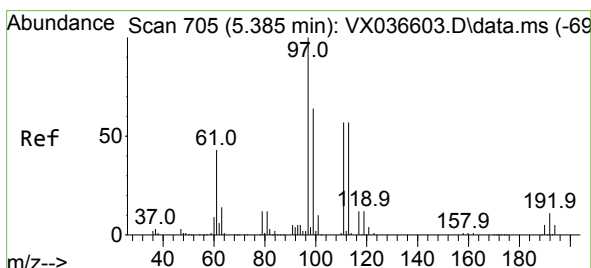
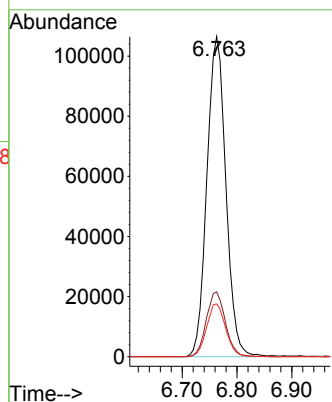
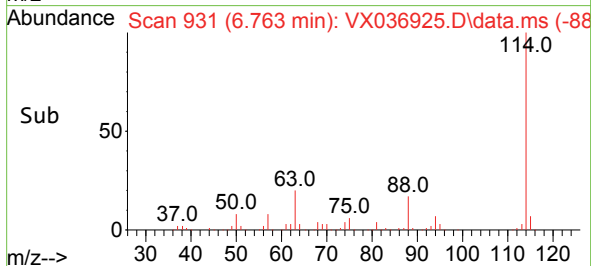


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

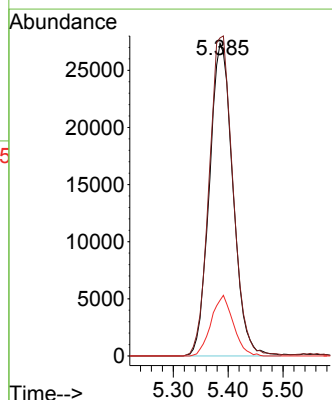
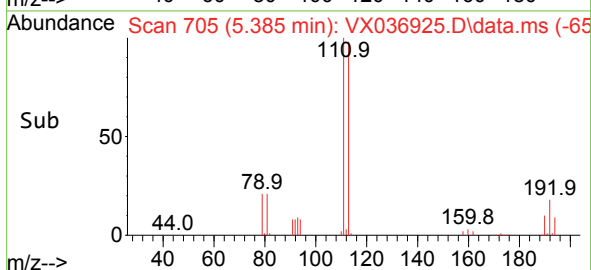
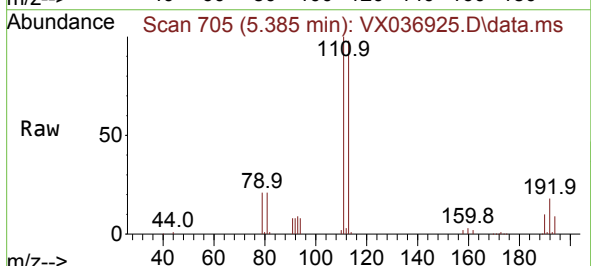


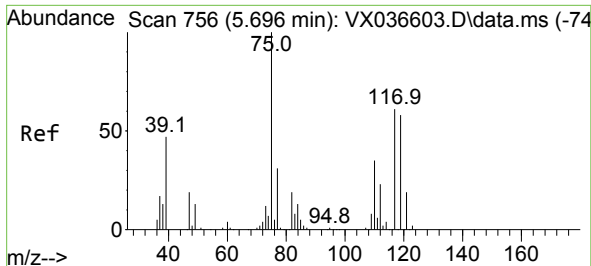
Tgt Ion:114 Resp: 255440
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.397 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

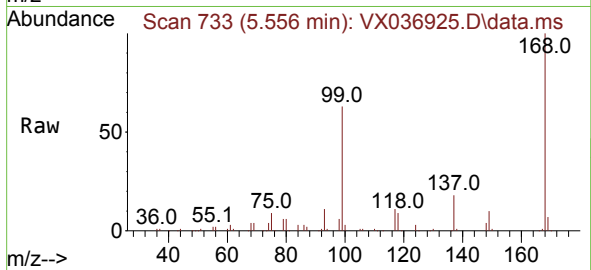
Tgt Ion:113 Resp: 81462
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.3 13.3 19.9



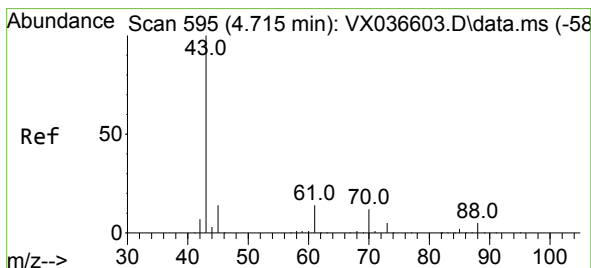
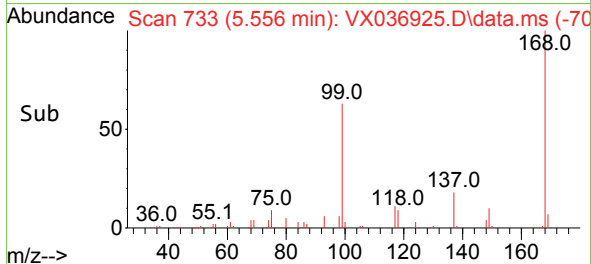
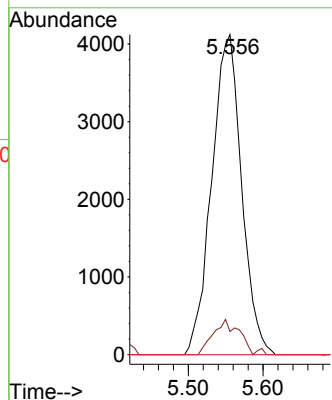


#36
1,1-Dichloropropene
Concen: 4.374 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

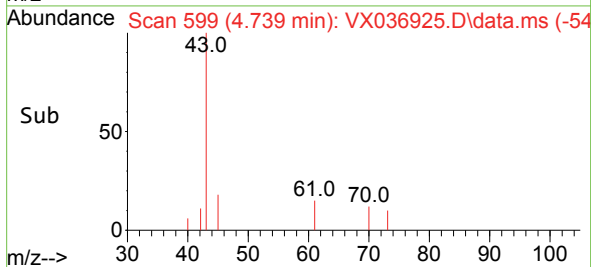
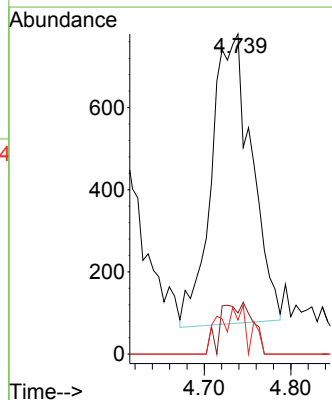
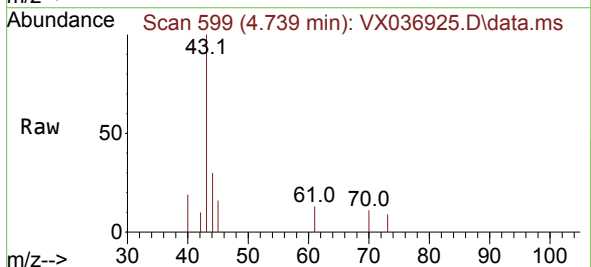


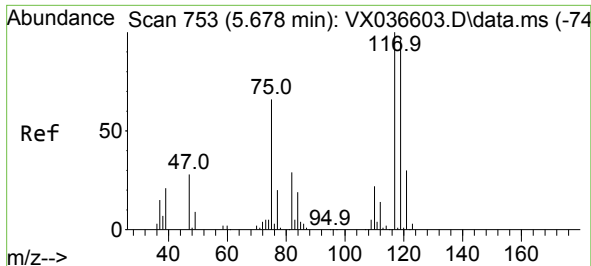
Tgt Ion: 75 Resp: 11446
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.768 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.024 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

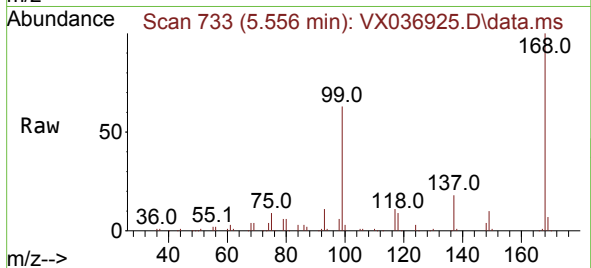
Tgt Ion: 43 Resp: 2274
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 5.1 8.3 12.5#



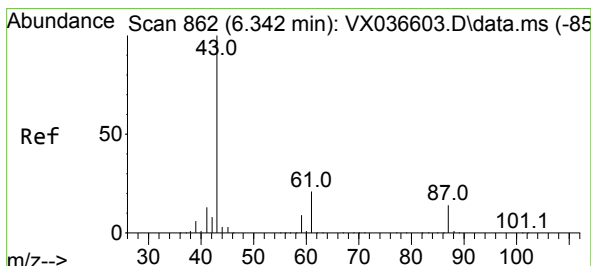
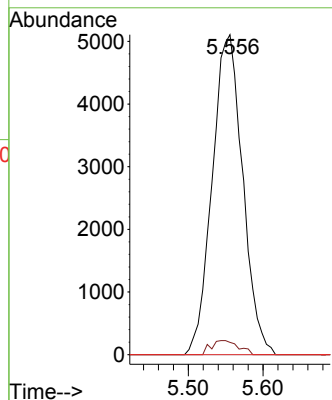
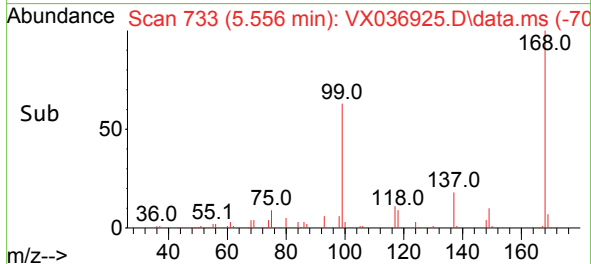


#38
Carbon Tetrachloride
Concen: 5.207 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

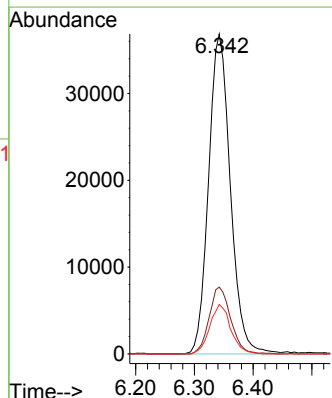
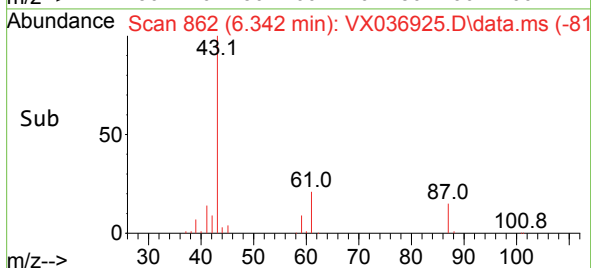
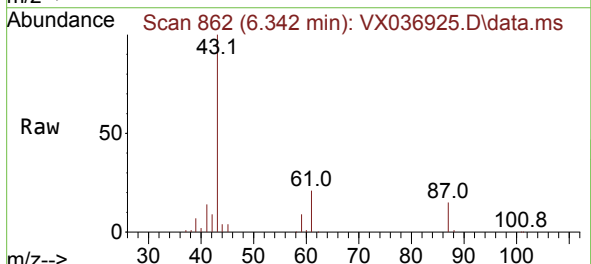


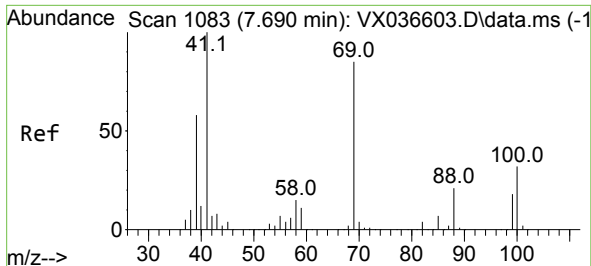
Tgt Ion:117 Resp: 14486
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 18.618 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Tgt Ion: 43 Resp: 94929
Ion Ratio Lower Upper
43 100
61 20.6 15.2 22.8
87 14.9 9.8 14.6#

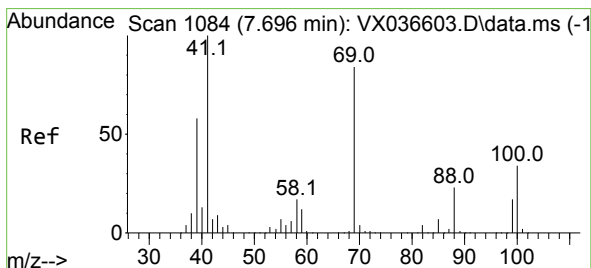
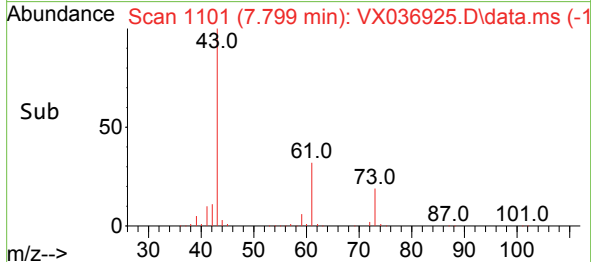
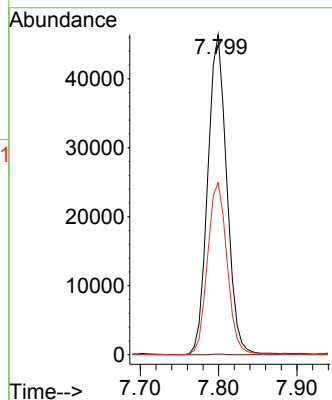
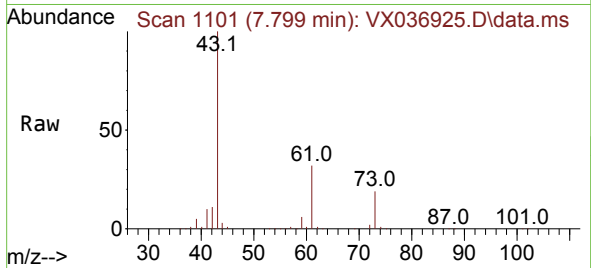




#48
Methyl methacrylate
Concen: 33.076 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

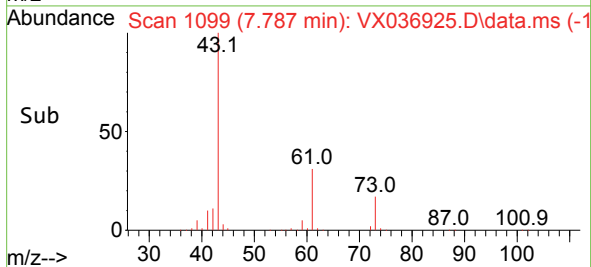
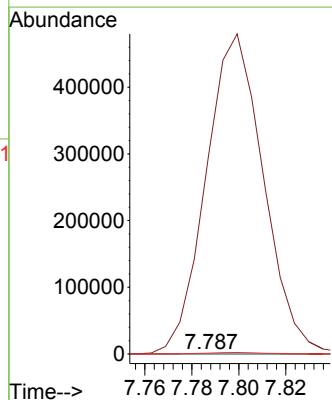
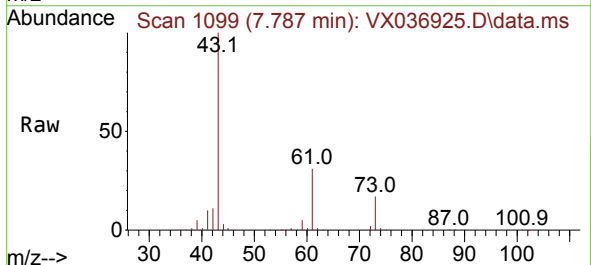
Instrument :
MSVOA_X
ClientSampleId :

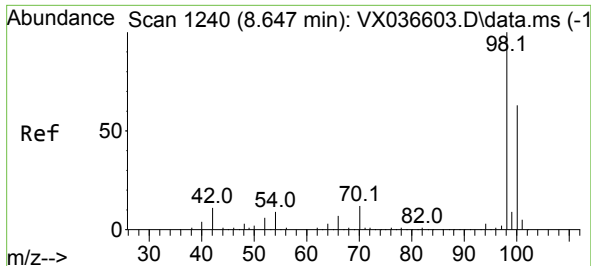
Tgt Ion: 41 Resp: 78429
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 55.1 47.7 71.5



#49
1,4-Dioxane
Concen: 2.860 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.091 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Tgt Ion: 88 Resp: 137
Ion Ratio Lower Upper
88 100
43 601136.5 0.0 0.0#
58 2680.3 60.1 90.1#

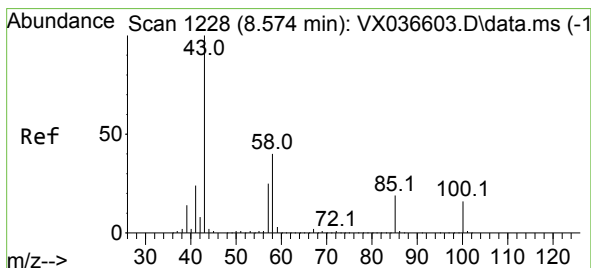
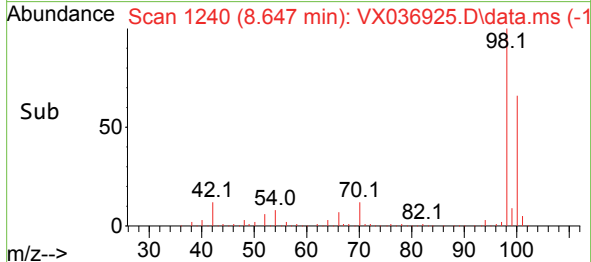
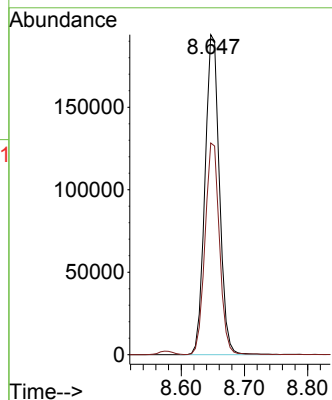
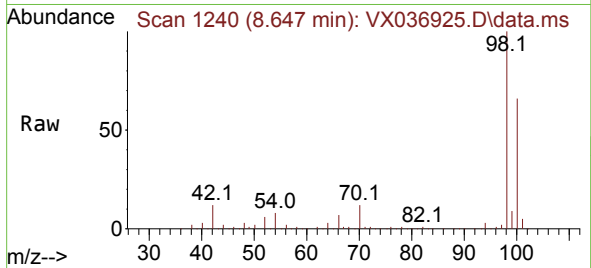




#50
Toluene-d8
Concen: 49.409 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

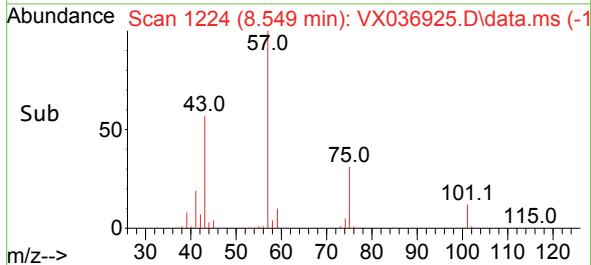
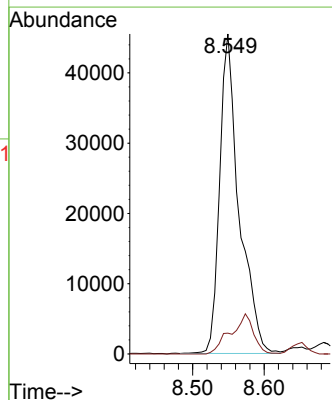
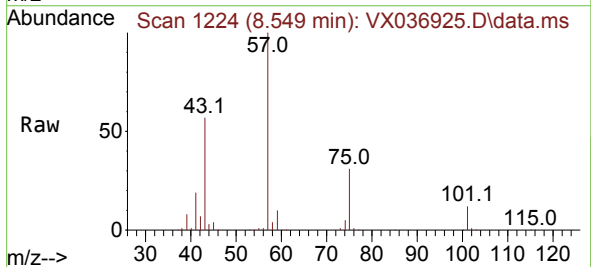
Instrument :
MSVOA_X
ClientSampleId :

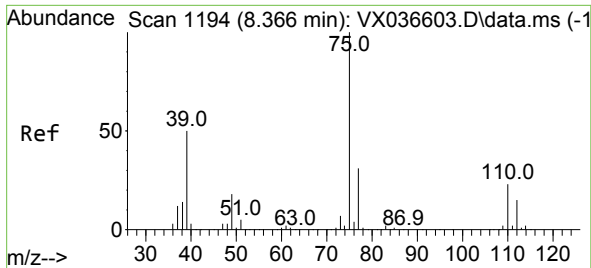
Tgt Ion: 98 Resp: 307637
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 30.435 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Tgt Ion: 43 Resp: 85873
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

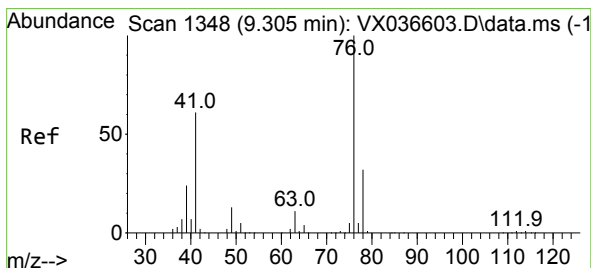
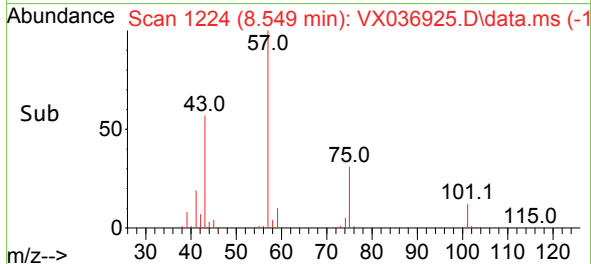
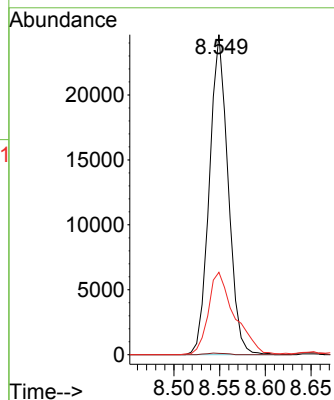
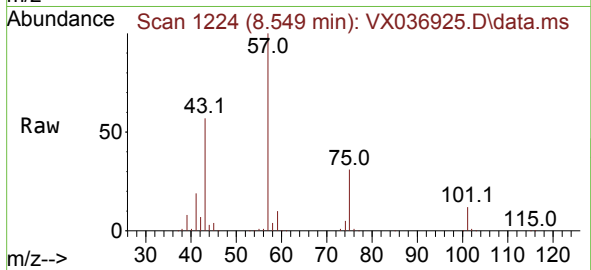




#54
 cis-1,3-Dichloropropene
 Concen: 10.044 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX036925.D
 Acq: 10 Aug 2023 20:06

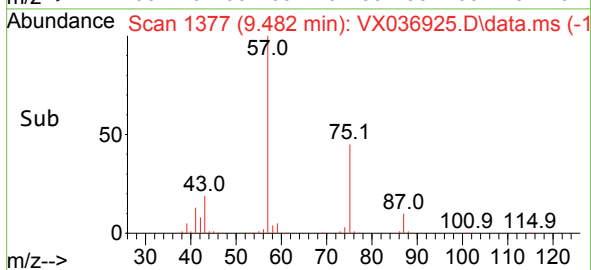
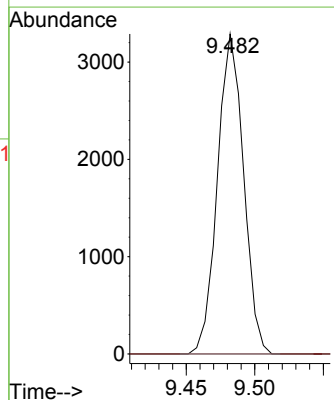
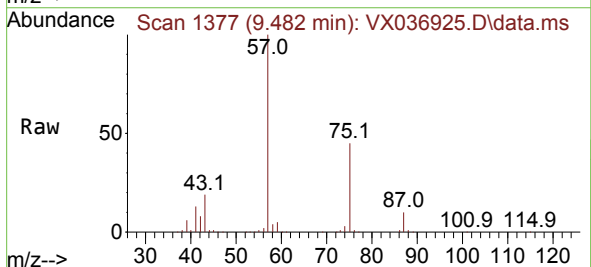
Instrument :
 MSVOA_X
 ClientSampleId :

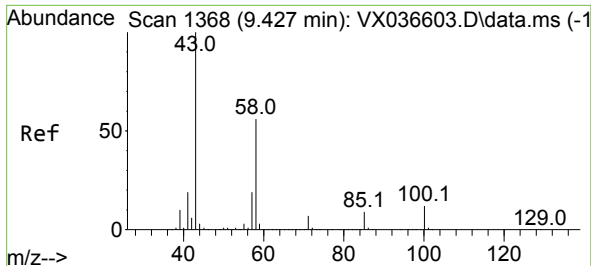
Tgt Ion: 75 Resp: 34984
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.3 37.9#
 39 25.8 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 1.304 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX036925.D
 Acq: 10 Aug 2023 20:06

Tgt Ion: 76 Resp: 4356
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

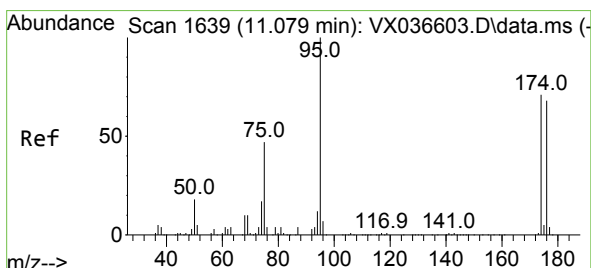
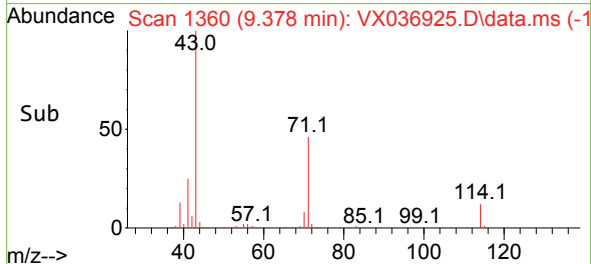
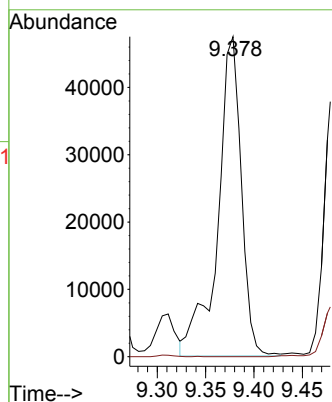
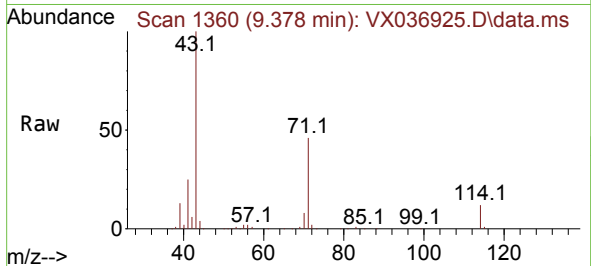




#59
2-Hexanone
Concen: 38.218 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

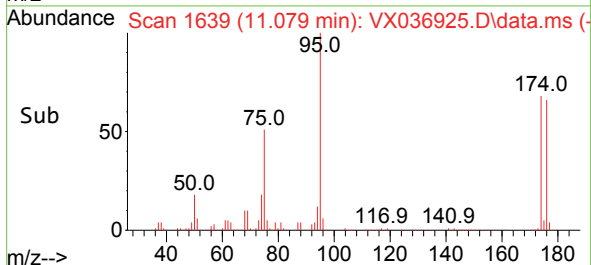
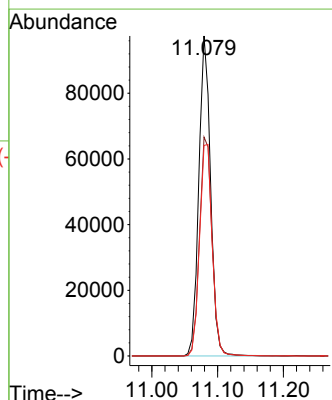
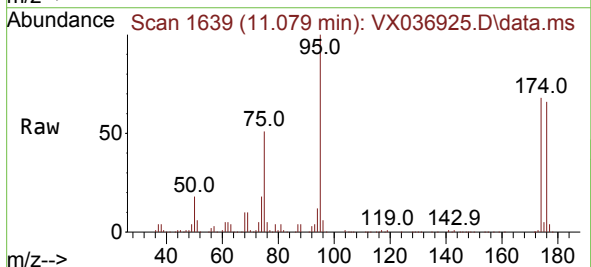
Instrument :
MSVOA_X
ClientSampleId :

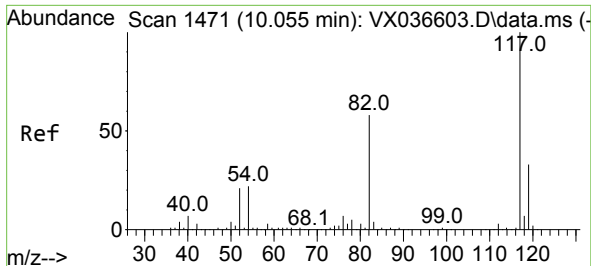
Tgt Ion: 43 Resp: 80030
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 51.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Tgt Ion: 95 Resp: 120944
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 71.4 0.0 131.0

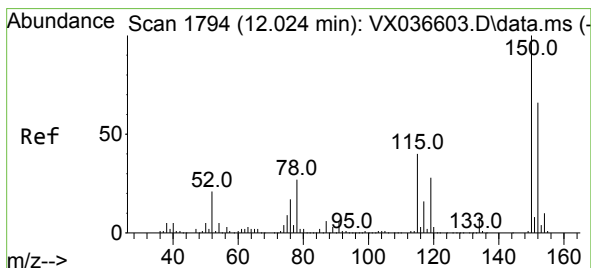
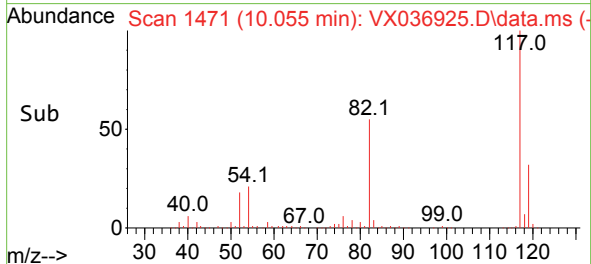
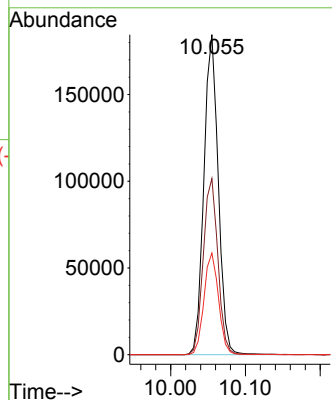
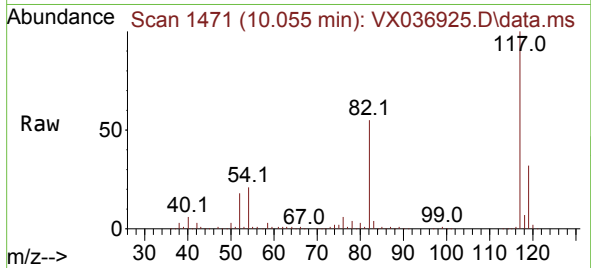




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

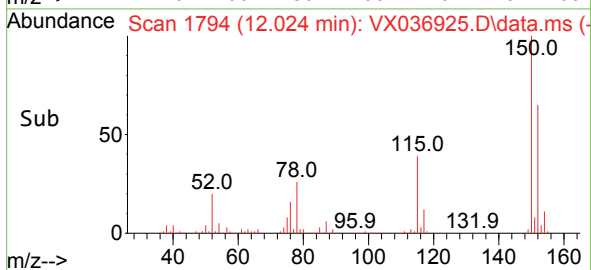
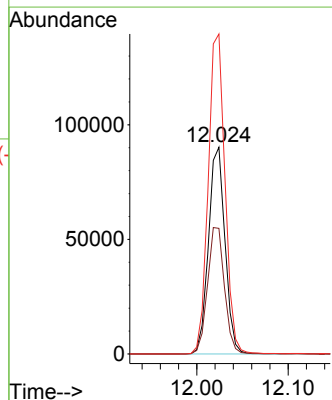
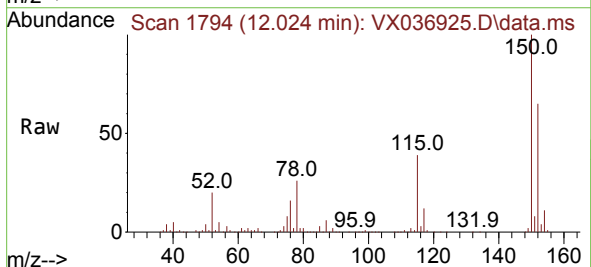
Instrument :
MSVOA_X
ClientSampleId :

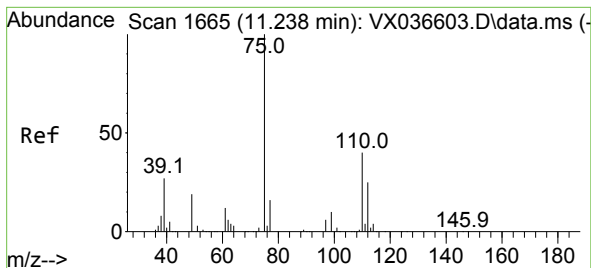
Tgt Ion:117 Resp: 246189
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036925.D
Acq: 10 Aug 2023 20:06

Tgt Ion:152 Resp: 113274
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.891 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX036925.D

Acq: 10 Aug 2023 20:06

Instrument :

MSVOA_X

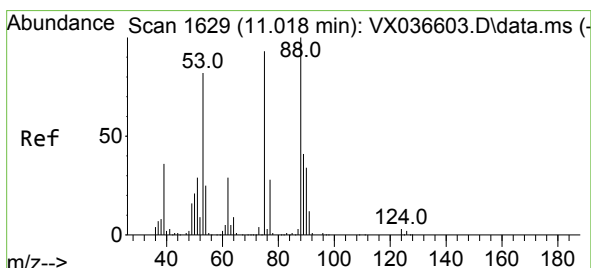
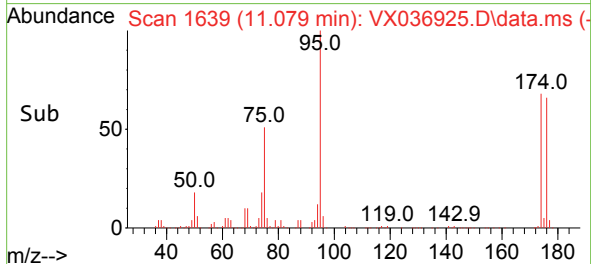
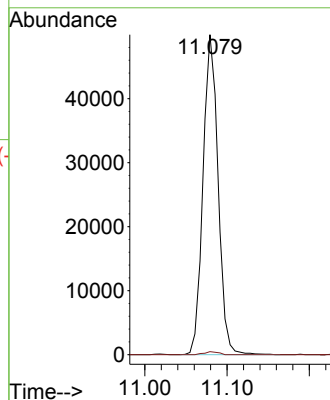
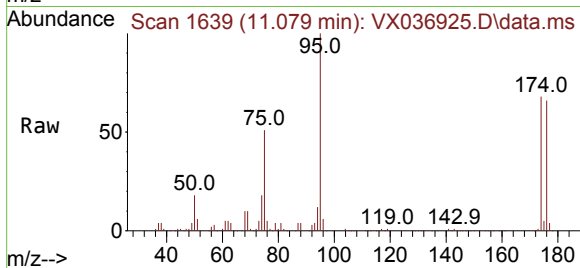
ClientSampleId :

Tgt Ion: 75 Resp: 63654

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.151 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036925.D

Acq: 10 Aug 2023 20:06

Tgt Ion: 75 Resp: 63654

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

