

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036679.D
 Acq On : 27 Jul 2023 16:17
 Operator : JC/MD
 Sample : 03782-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:13:44 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)

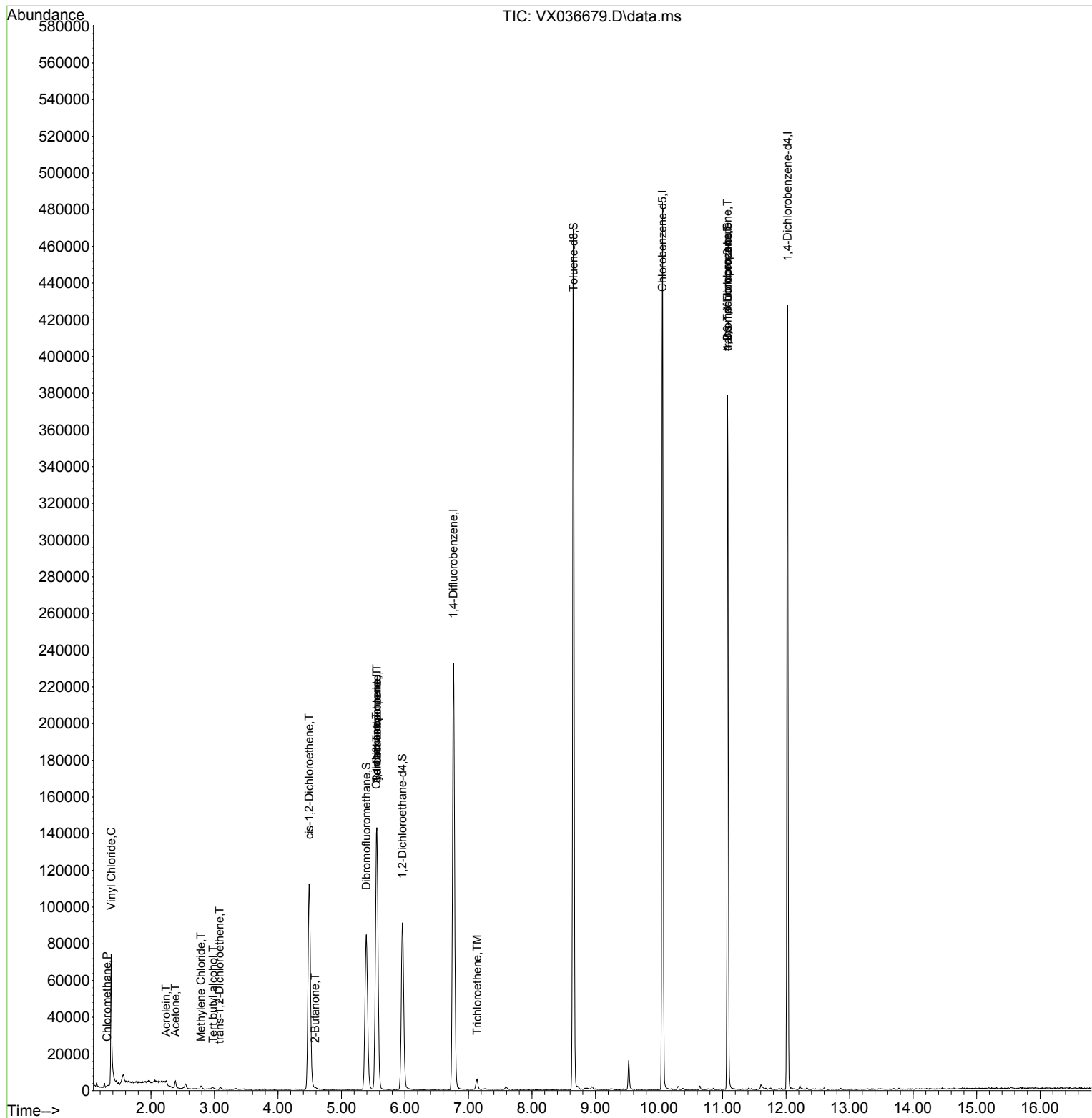
Internal Standards						
1) Pentafluorobenzene	5.556	168	132134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88567	45.300	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.600%
35) Dibromofluoromethane	5.391	113	74774	46.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	8.653	98	279316	48.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	100765	46.473	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	684	0.431	ug/l	100
4) Vinyl Chloride	1.374	62	52841	32.690	ug/l	99
11) Tert butyl alcohol	2.977	59	1221	2.638	ug/l	100
13) Acrolein	2.239	56	528	1.999	ug/l #	48
16) Acetone	2.386	43	4117	5.075	ug/l #	88
20) Methylene Chloride	2.788	84	919	0.509	ug/l	92
21) trans-1,2-Dichloroethene	3.081	96	476	0.288	ug/l #	33
25) 2-Butanone	4.586	43	271	0.206	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	71596	36.453	ug/l	83
31) Cyclohexane	5.550	56	3275	1.210	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	10688	4.425	ug/l #	52
38) Carbon Tetrachloride	5.556	117	14048	5.470	ug/l #	14
44) Trichloroethene	7.135	130	2174	1.183	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	52371	24.917	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52371	56.476	ug/l #	5

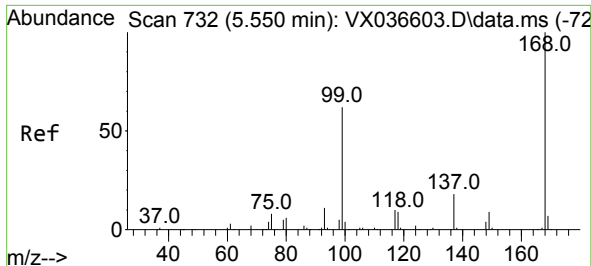
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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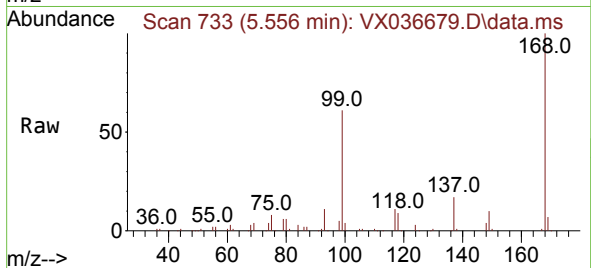
Quant Time: Jul 28 06:13:44 2023
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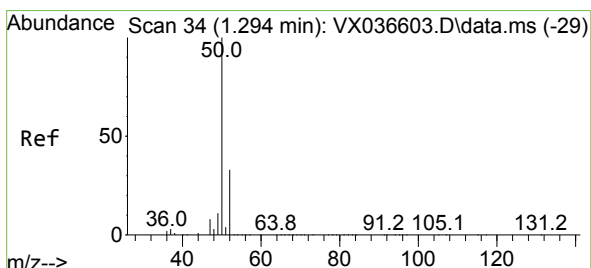
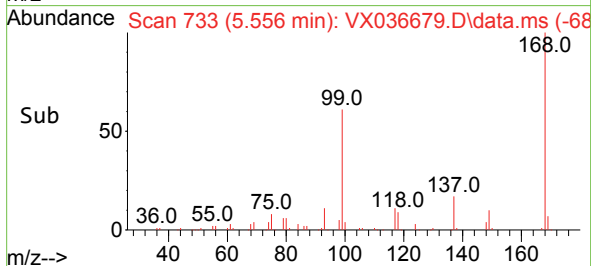
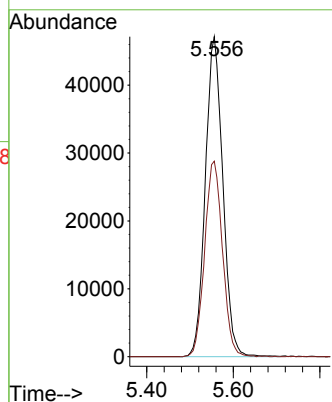


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :

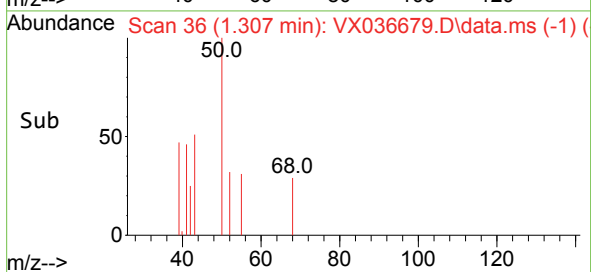
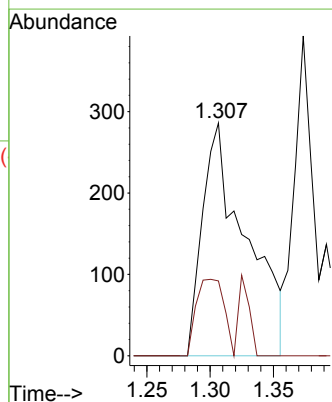
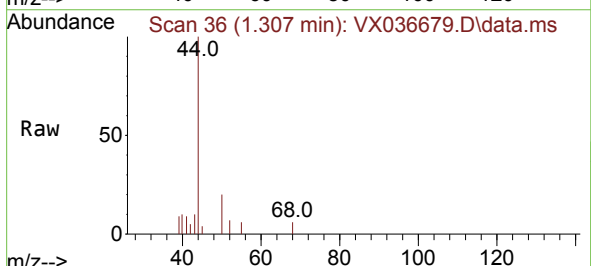


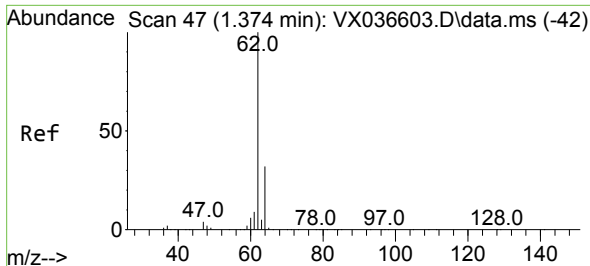
Tgt Ion:168 Resp: 132134
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0



#3
Chloromethane
Concen: 0.431 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

Tgt Ion: 50 Resp: 684
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

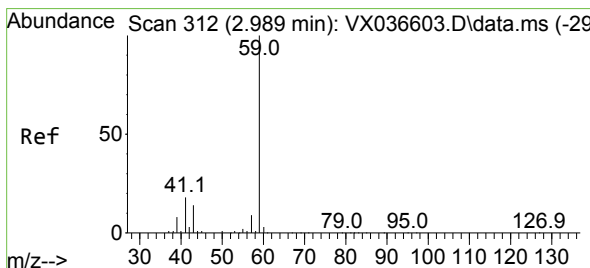
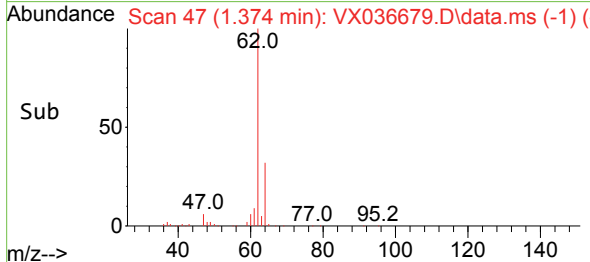
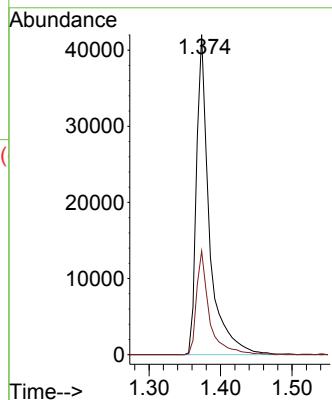
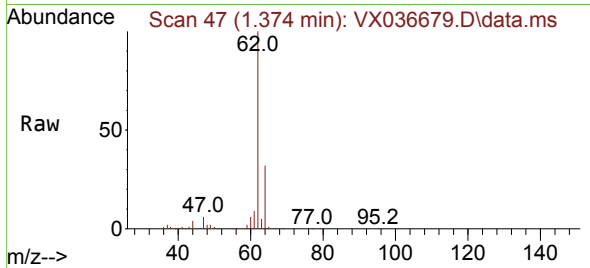




#4
 Vinyl Chloride
 Concen: 32.690 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036679.D
 Acq: 27 Jul 2023 16:17

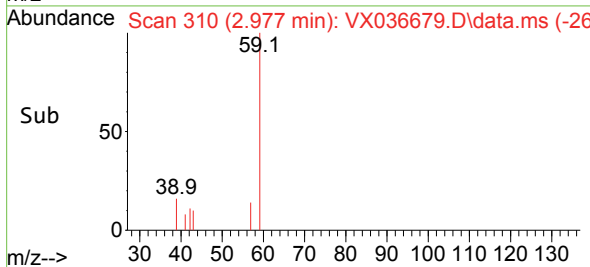
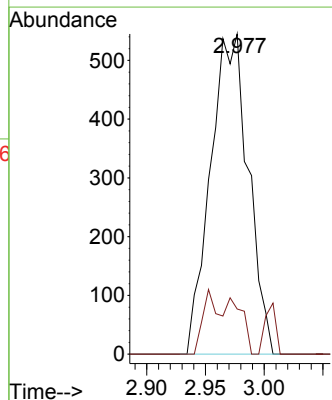
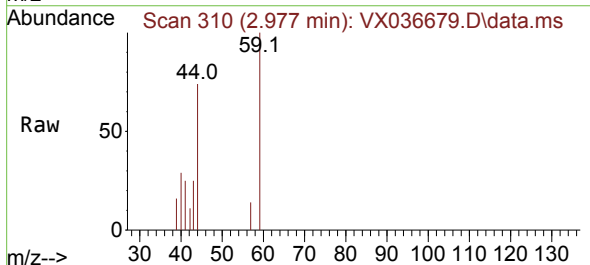
Instrument :
 MSVOA_X
 ClientSampleId :

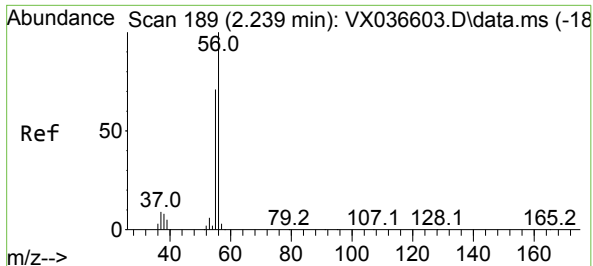
Tgt Ion: 62 Resp: 52841
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.4 38.0



#11
 Tert butyl alcohol
 Concen: 2.638 ug/l
 RT: 2.977 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VX036679.D
 Acq: 27 Jul 2023 16:17

Tgt Ion: 59 Resp: 1221
 Ion Ratio Lower Upper
 59 100
 57 7.4 6.0 9.0





#13

Acrolein

Concen: 1.999 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036679.D

Acq: 27 Jul 2023 16:17

Instrument :

MSVOA_X

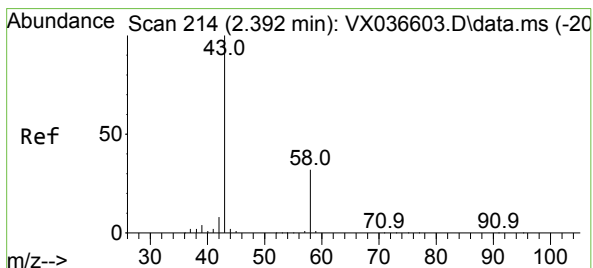
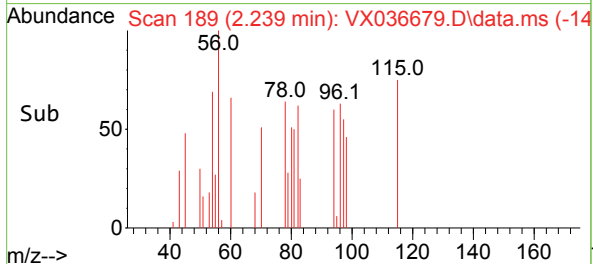
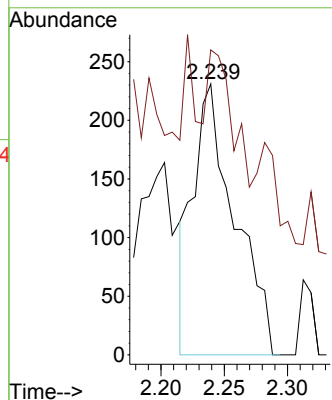
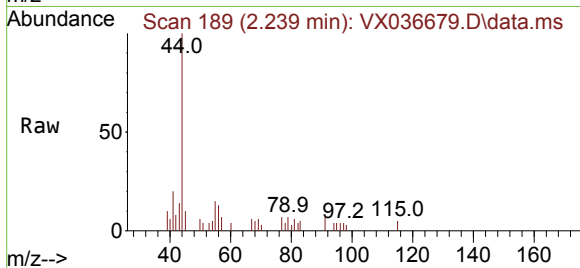
ClientSampleId :

Tgt Ion: 56 Resp: 528

Ion Ratio Lower Upper

56 100

55 28.2 57.1 85.7#



#16

Acetone

Concen: 5.075 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX036679.D

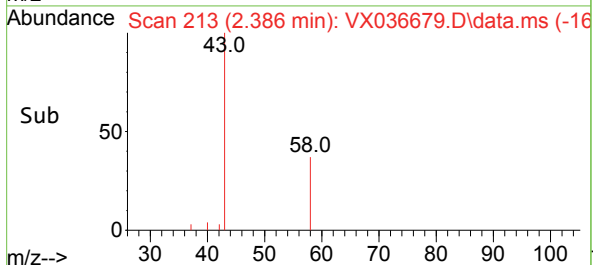
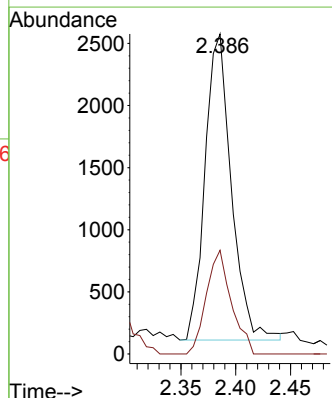
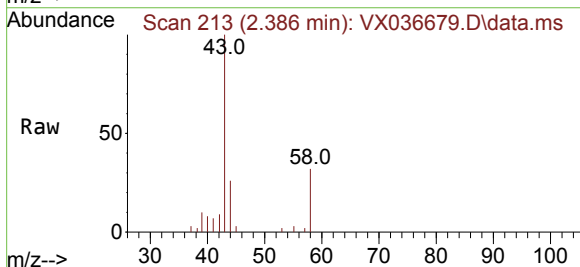
Acq: 27 Jul 2023 16:17

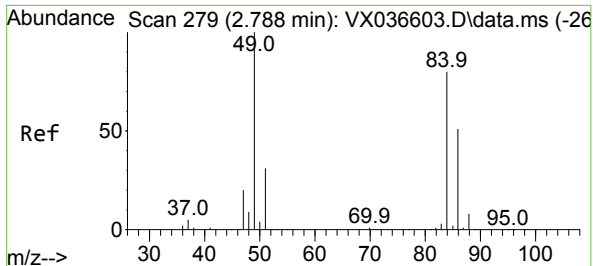
Tgt Ion: 43 Resp: 4117

Ion Ratio Lower Upper

43 100

58 33.9 21.9 32.9#





#20

Methylene Chloride

Concen: 0.509 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

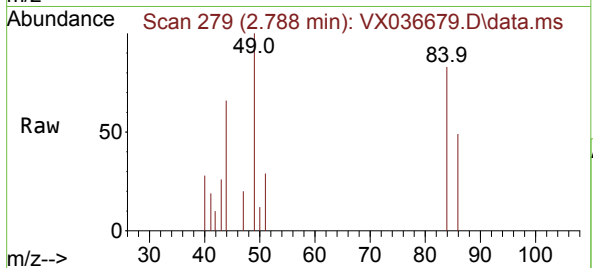
Lab File: VX036679.D

Acq: 27 Jul 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 919

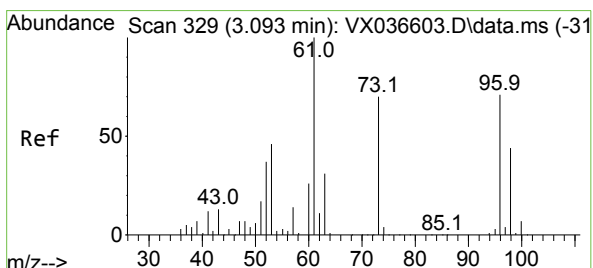
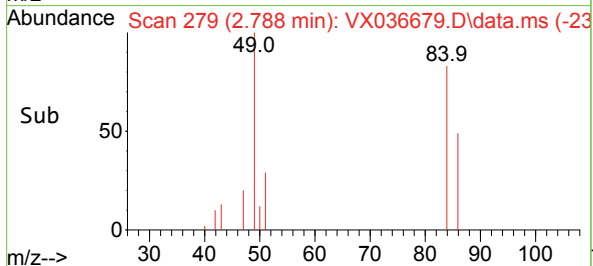
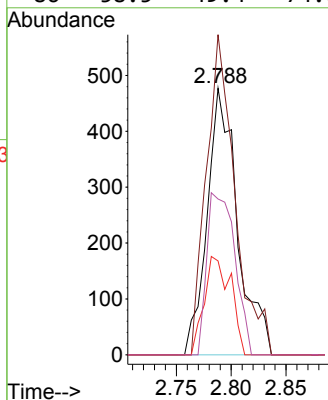
Ion Ratio Lower Upper

84 100

49 120.1 103.6 155.4

51 35.2 33.8 50.6

86 58.5 49.4 74.0



#21

trans-1,2-Dichloroethene

Concen: 0.288 ug/l

RT: 3.081 min Scan# 327

Delta R.T. -0.012 min

Lab File: VX036679.D

Acq: 27 Jul 2023 16:17

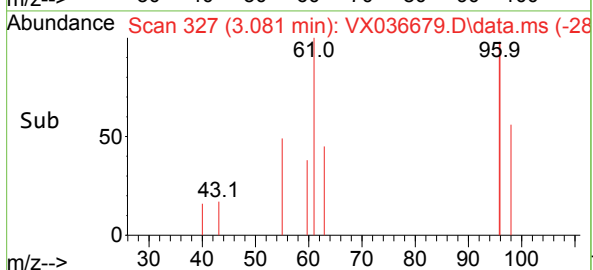
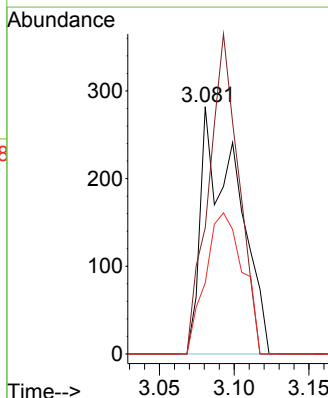
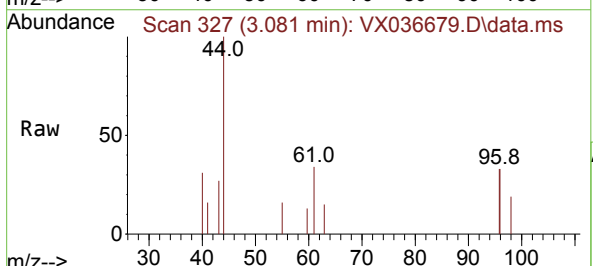
Tgt Ion: 96 Resp: 476

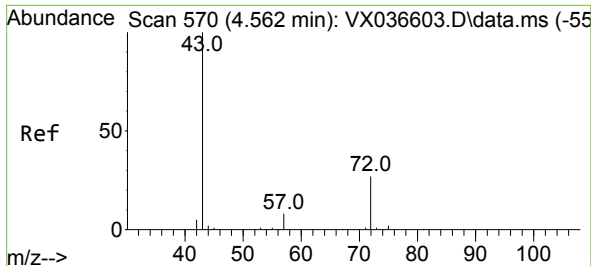
Ion Ratio Lower Upper

96 100

61 51.1 119.2 178.8#

98 28.7 48.7 73.1#

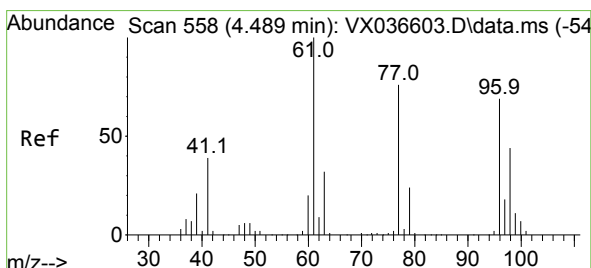
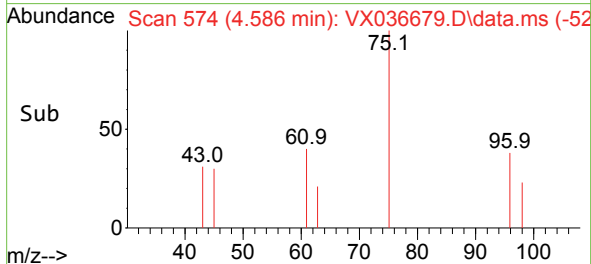
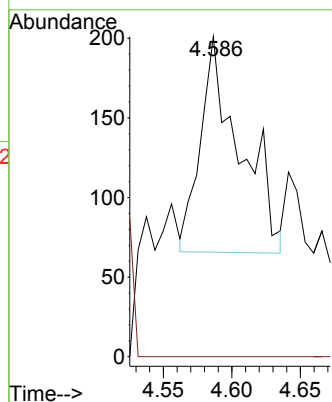
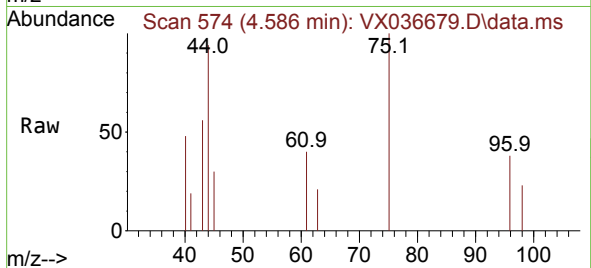




#25
2-Butanone
Concen: 0.206 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

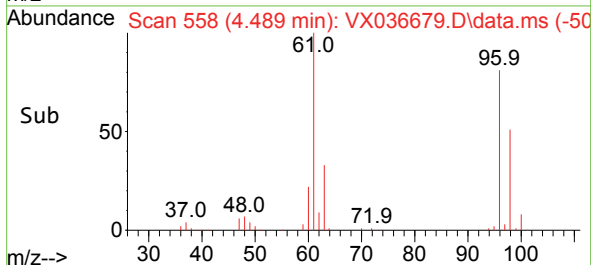
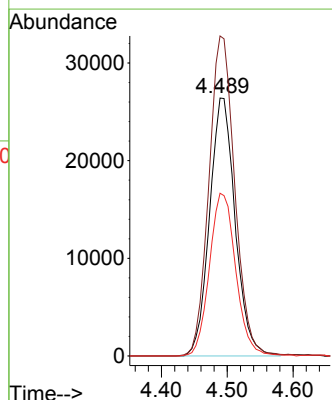
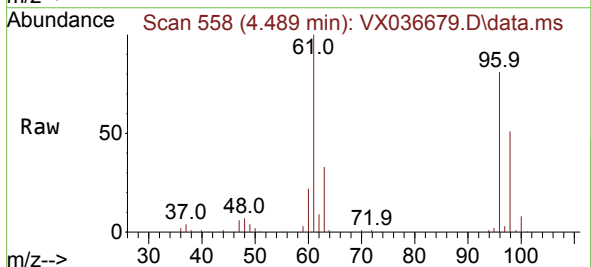
Instrument :
MSVOA_X
ClientSampleId :

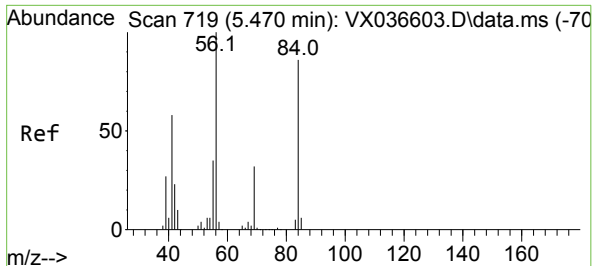
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 36.453 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

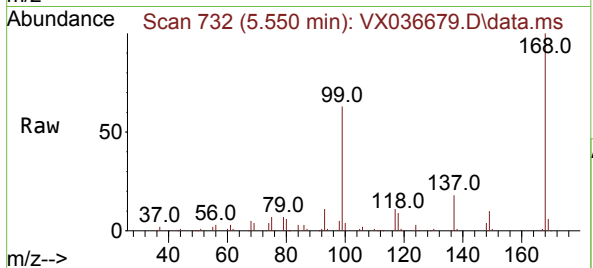
Tgt Ion: 96 Resp: 71596
Ion Ratio Lower Upper
96 100
61 125.6 0.0 312.2
98 64.8 0.0 129.0



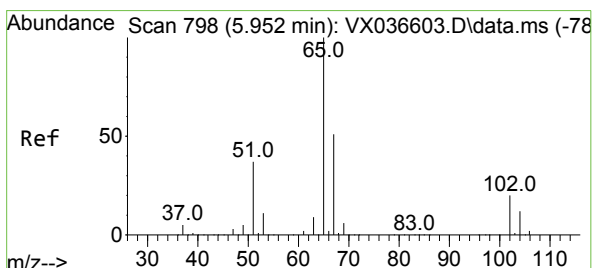
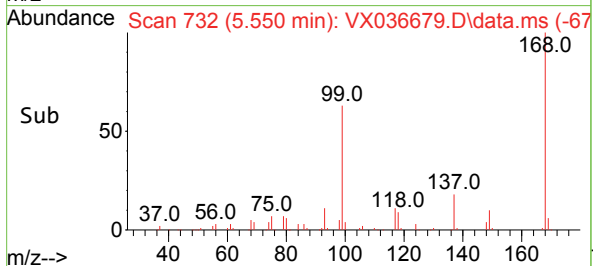
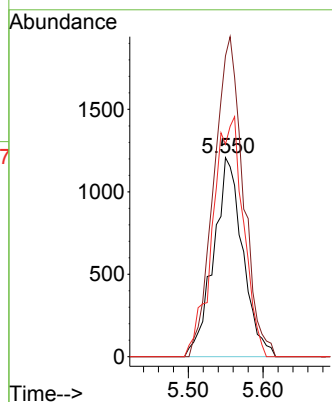


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :

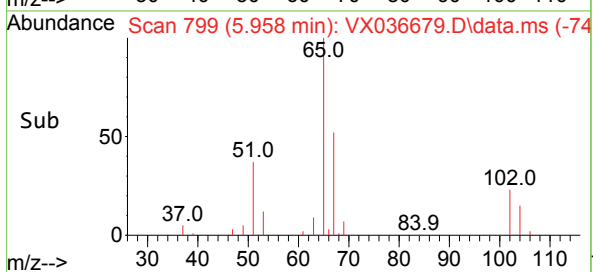
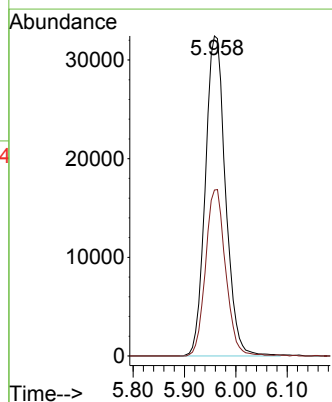
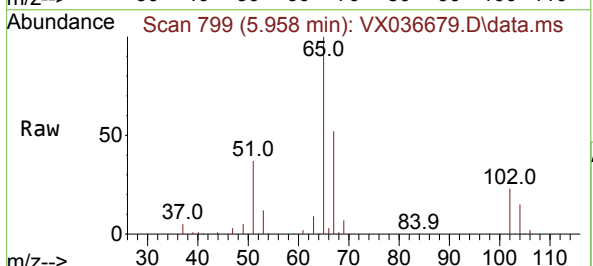


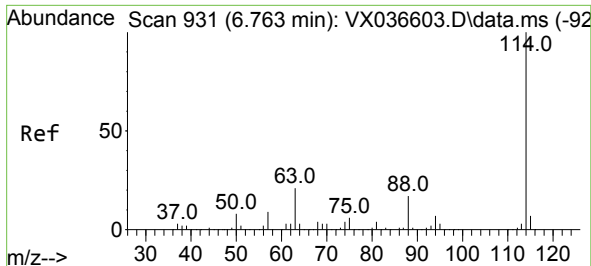
Tgt Ion: 56 Resp: 3275
Ion Ratio Lower Upper
56 100
69 151.2 23.4 35.2#
84 106.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.300 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

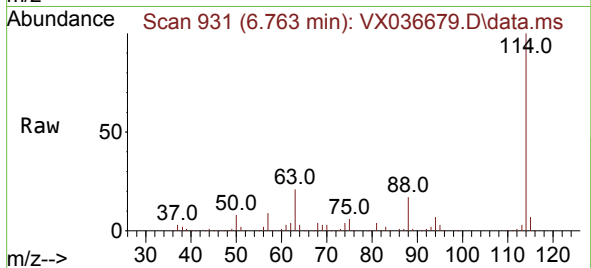
Tgt Ion: 65 Resp: 88567
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2



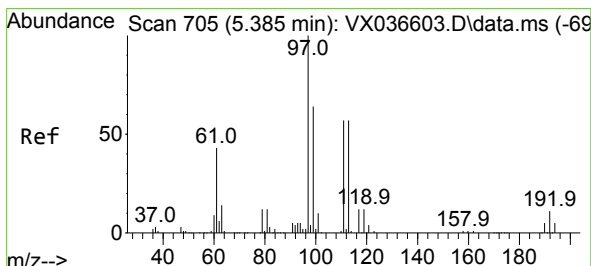
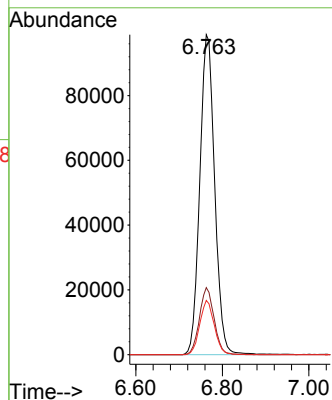
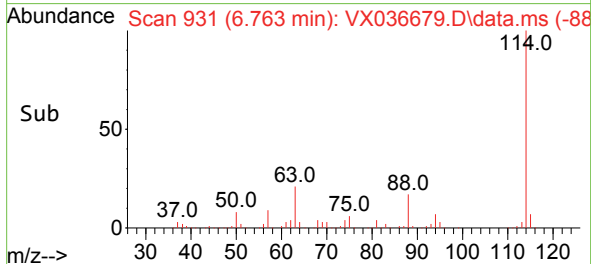


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

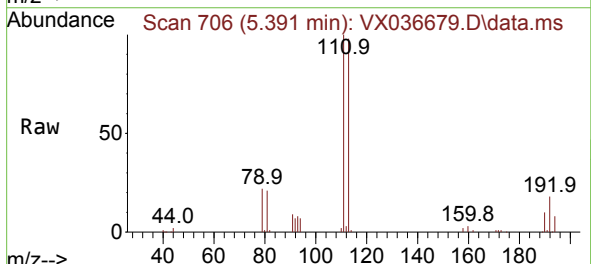
Instrument :
MSVOA_X
ClientSampleId :



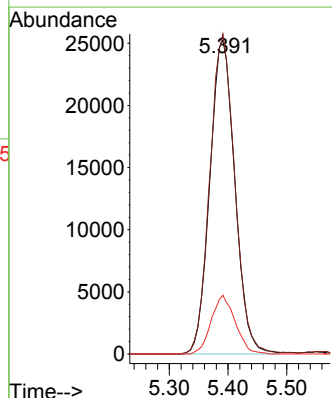
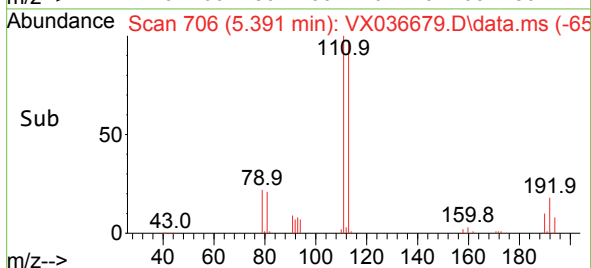
Tgt Ion:114 Resp: 235778
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.9 0.0 36.6

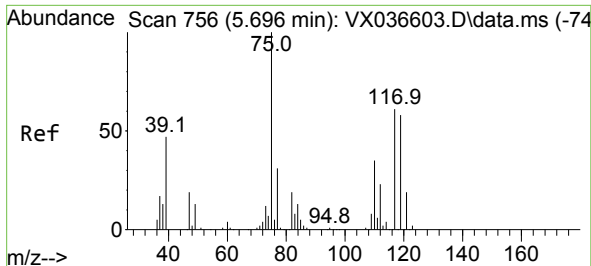


#35
Dibromofluoromethane
Concen: 46.140 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17



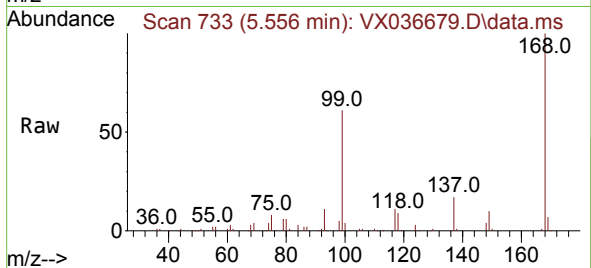
Tgt Ion:113 Resp: 74774
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 17.9 13.3 19.9



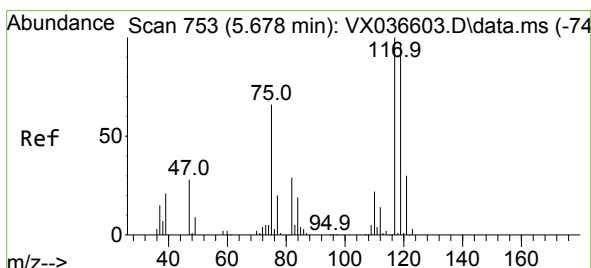
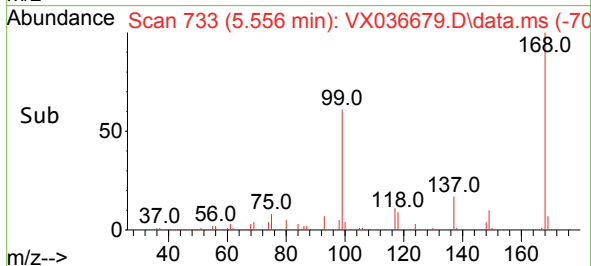
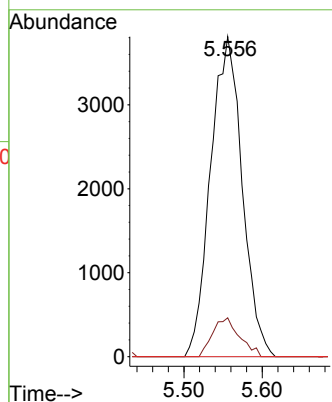


#36
1,1-Dichloropropene
Concen: 4.425 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :

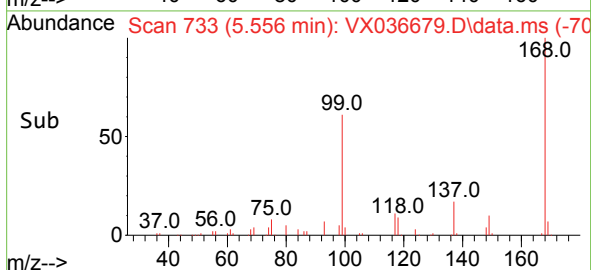
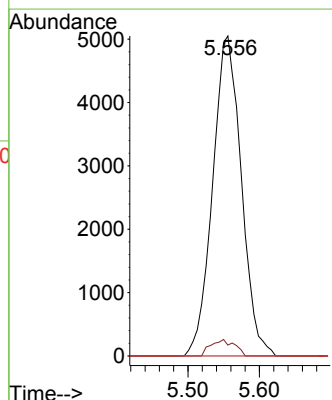
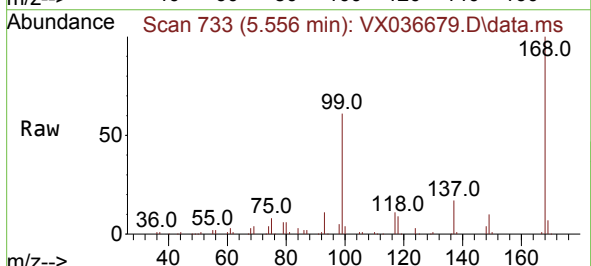


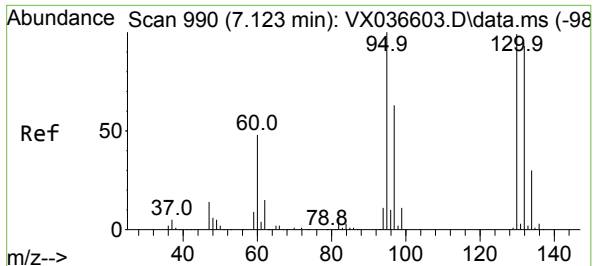
Tgt Ion: 75 Resp: 10688
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.470 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

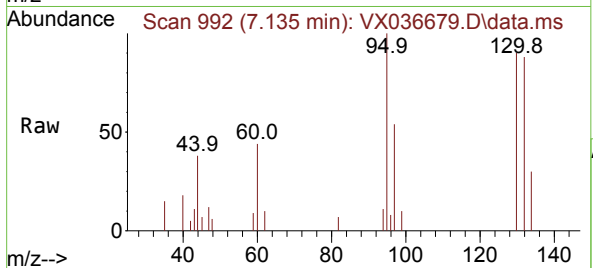
Tgt Ion: 117 Resp: 14048
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#



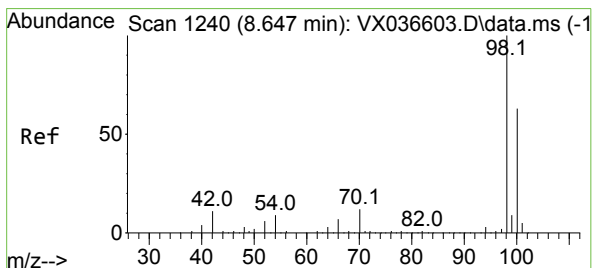
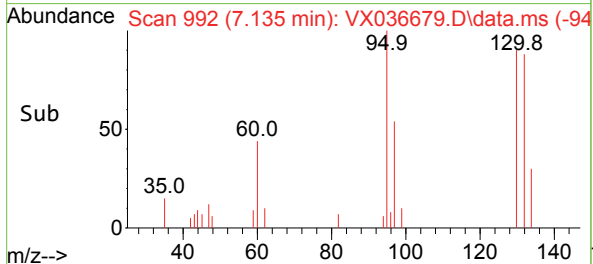
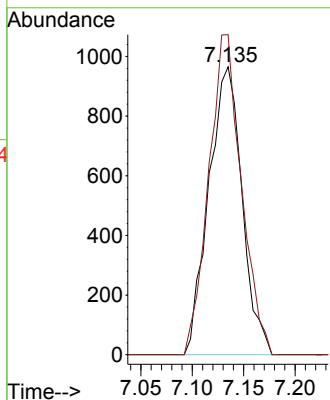


#44
Trichloroethene
Concen: 1.183 ug/l
RT: 7.135 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :

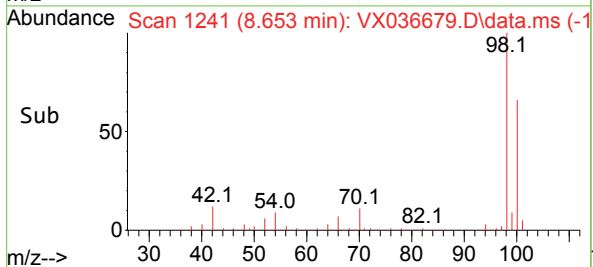
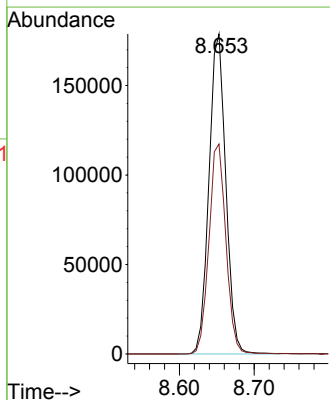
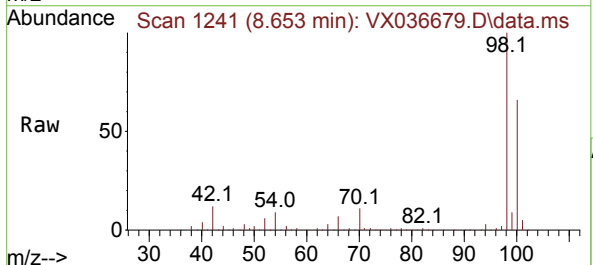


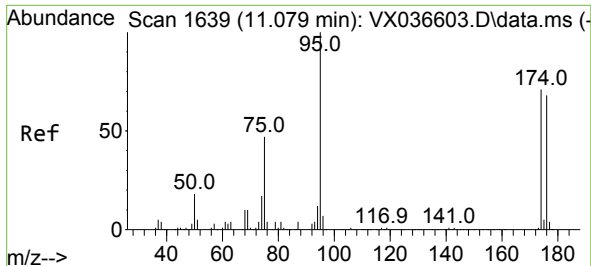
Tgt Ion:130 Resp: 2174
Ion Ratio Lower Upper
130 100
95 111.2 0.0 204.4



#50
Toluene-d8
Concen: 48.602 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

Tgt Ion: 98 Resp: 279316
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

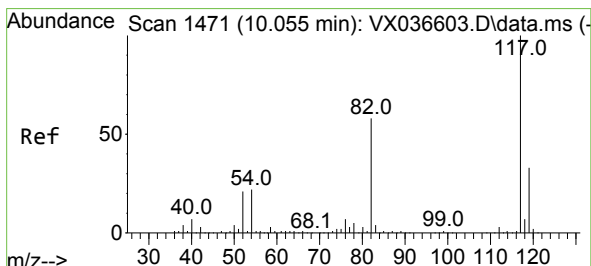
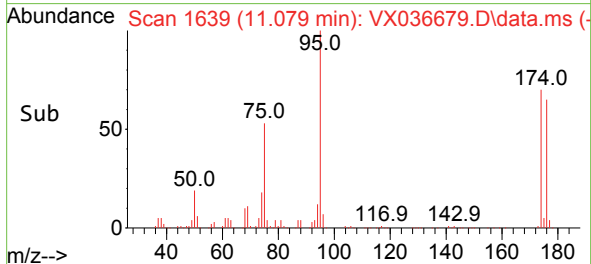
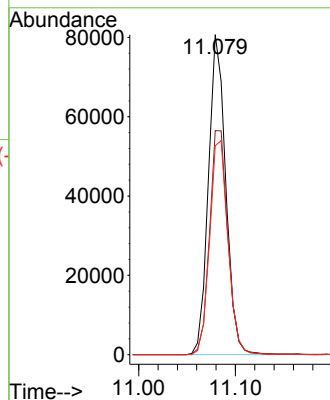
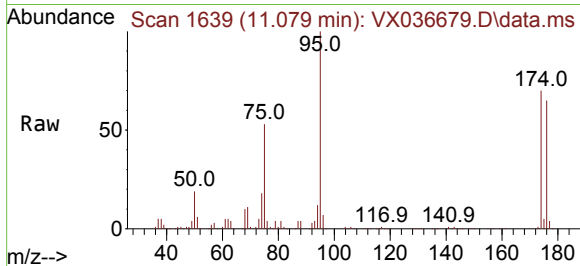




#62
4-Bromofluorobenzene
Concen: 46.473 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

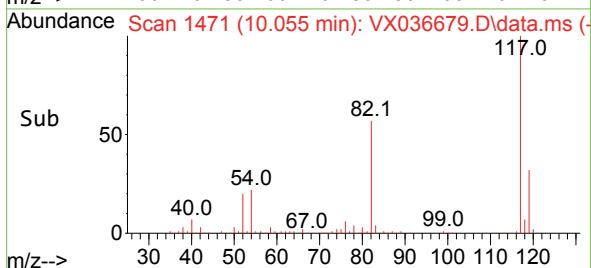
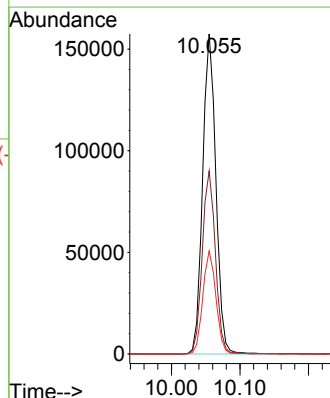
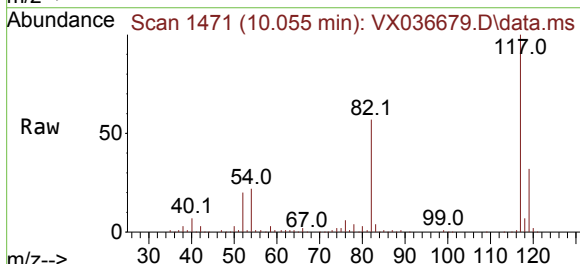
Instrument :
MSVOA_X
ClientSampleId :

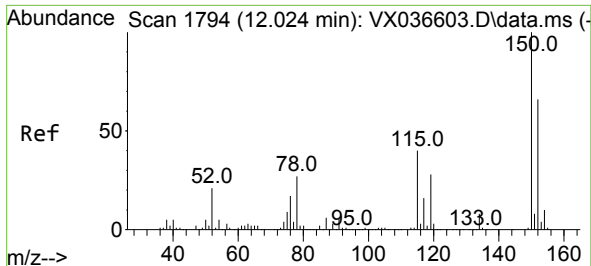
Tgt Ion: 95 Resp: 100765
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

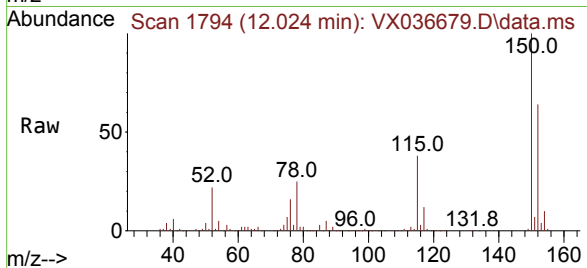
Tgt Ion: 117 Resp: 212041
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.2 25.5 38.3



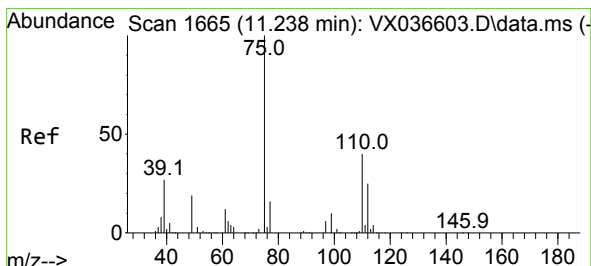
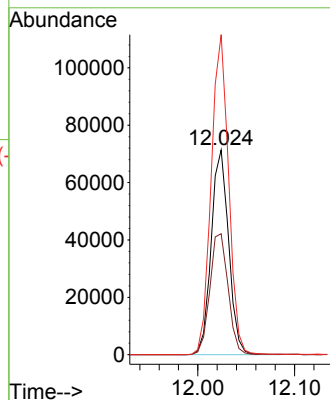
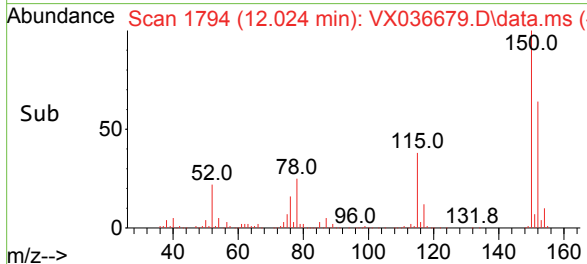


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :

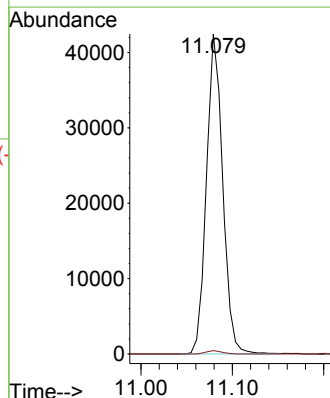
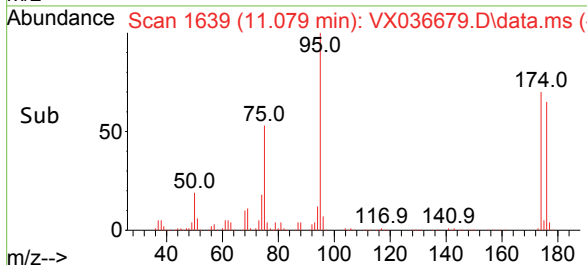
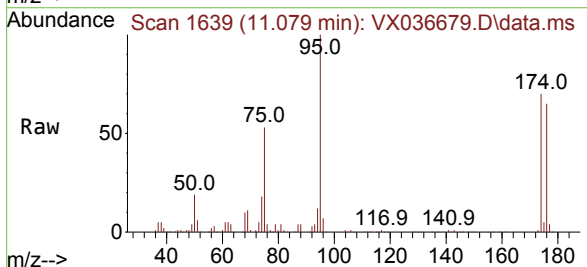


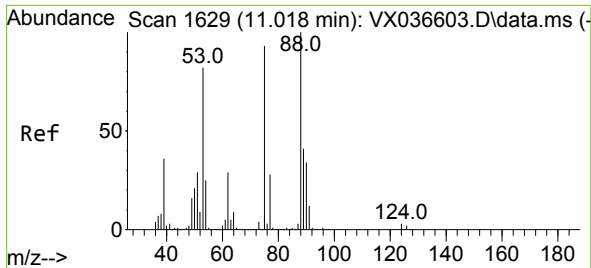
Tgt Ion:152 Resp: 89358
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 156.2 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036679.D
Acq: 27 Jul 2023 16:17

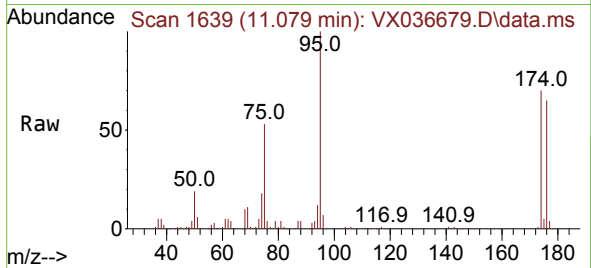
Tgt Ion: 75 Resp: 52371
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.476 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036679.D
 Acq: 27 Jul 2023 16:17

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52371
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

