

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038459.D
 Acq On : 24 Oct 2023 16:41
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 06:10:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

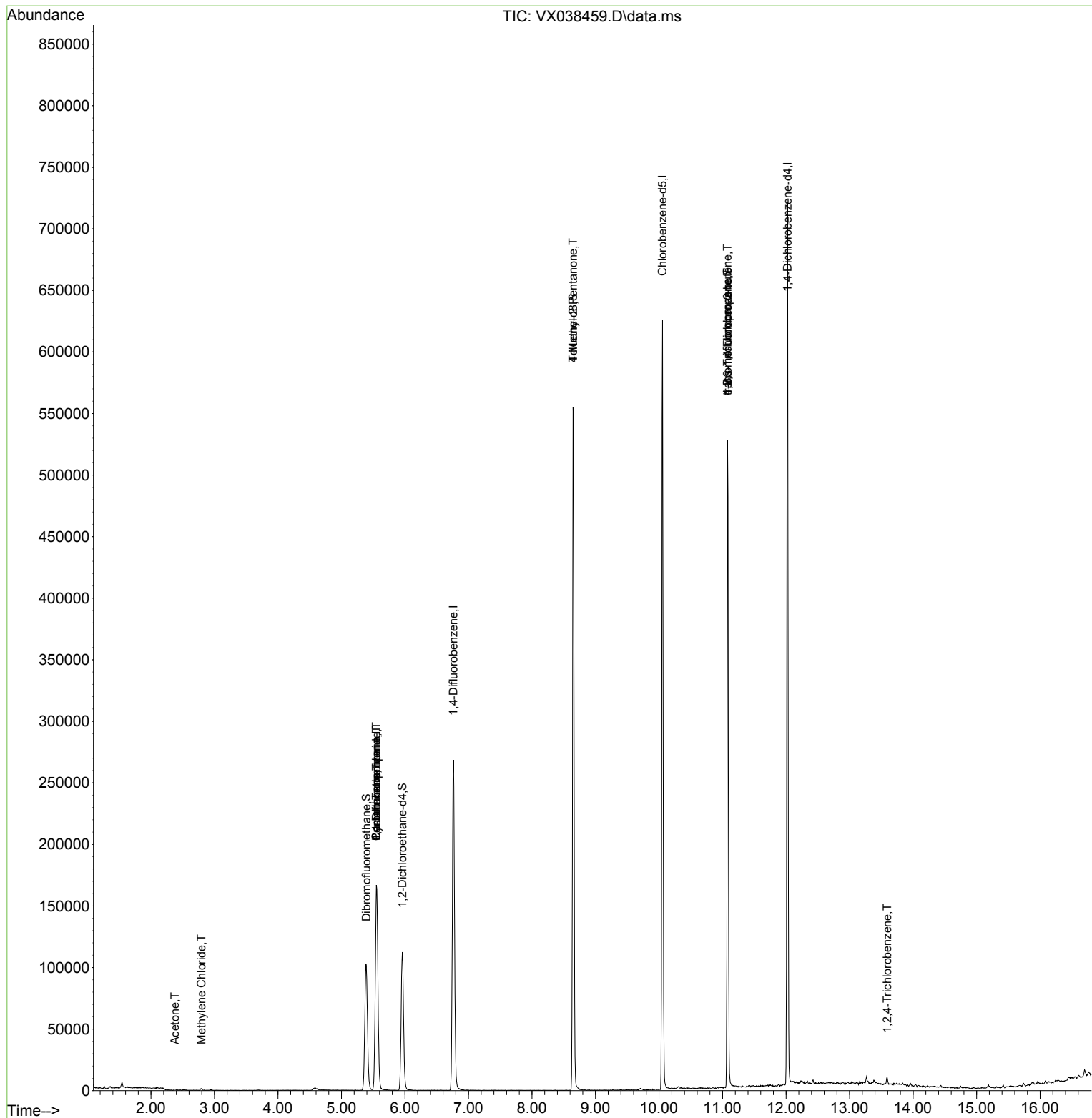
Internal Standards						
1) Pentafluorobenzene	5.550	168	161594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	284888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107126	41.216	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.440%
35) Dibromofluoromethane	5.391	113	89404	43.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.100%
50) Toluene-d8	8.647	98	344268	43.888	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.780%#
62) 4-Bromofluorobenzene	11.079	95	137835	46.349	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.700%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	183	Below Cal	#	3
6) Chloroethane	1.636	64	59	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	377	Below Cal	#	78
16) Acetone	2.380	43	798	0.736	ug/l #	63
20) Methylene Chloride	2.794	84	704	0.345	ug/l #	89
31) Cyclohexane	5.550	56	3315	1.177	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13049	4.610	ug/l #	48
38) Carbon Tetrachloride	5.550	117	16756	6.017	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1461	0.422	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	70887	20.423	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	70887	58.856	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1469	0.454	ug/l	95

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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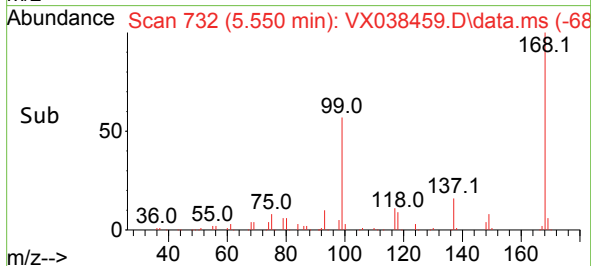
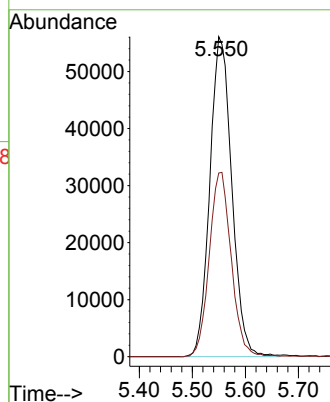
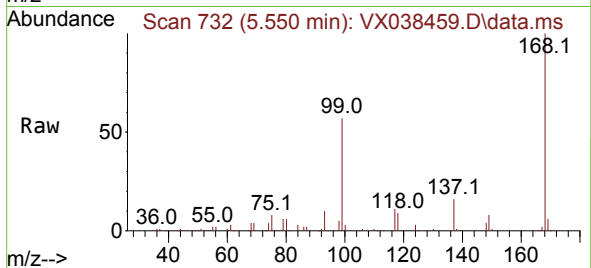




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

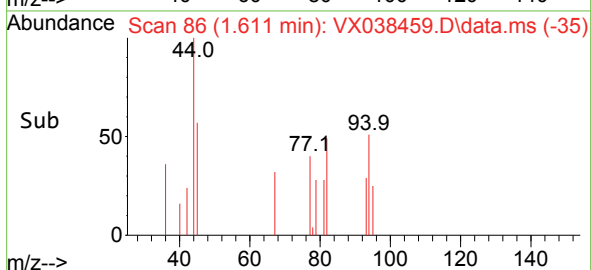
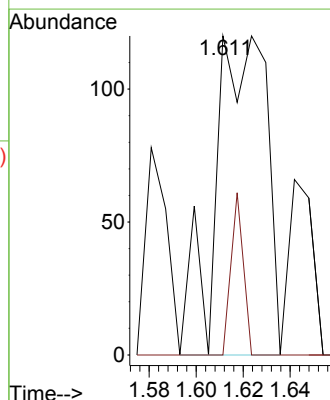
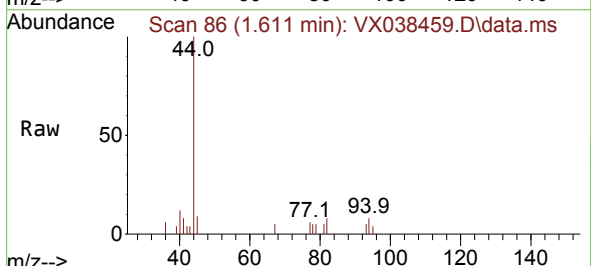
Instrument :
MSVOA_X
ClientSampleId :

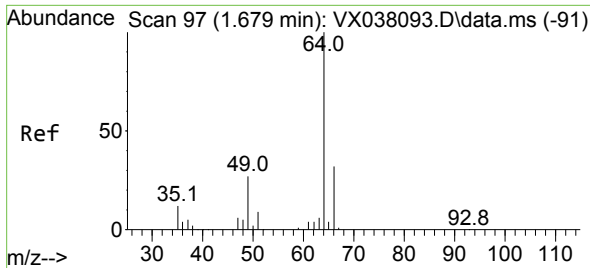
Tgt Ion:168 Resp: 161594
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

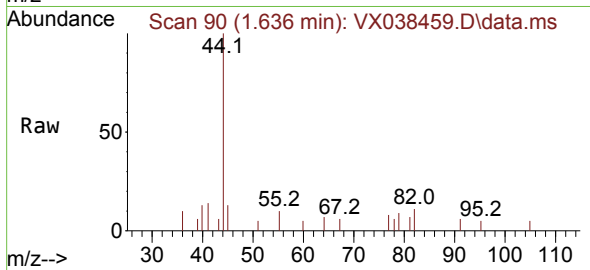
Tgt Ion: 94 Resp: 183
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



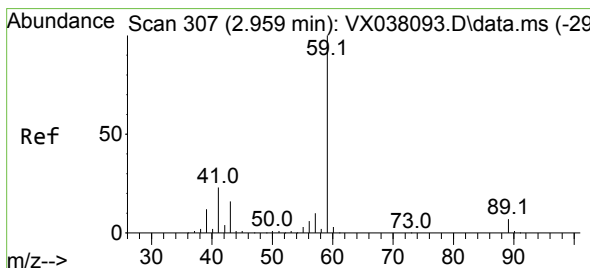
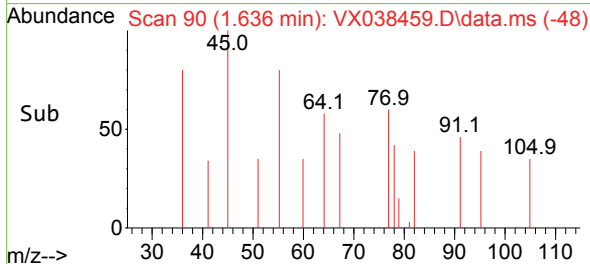
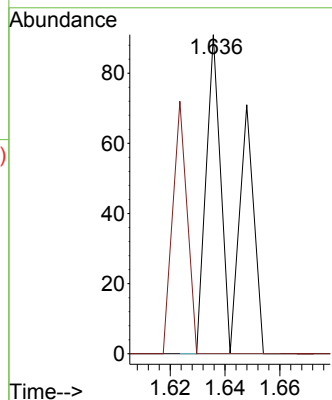


#6
Chloroethane
Concen: Below Cal
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :

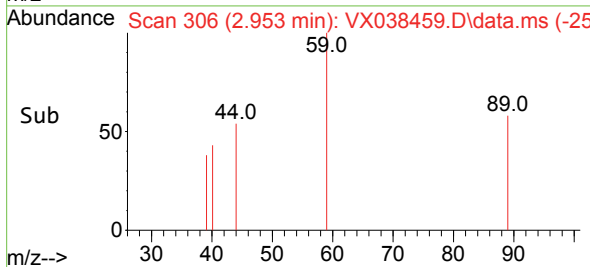
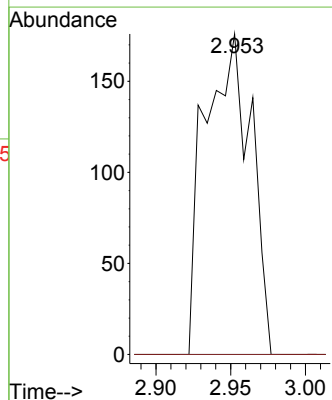
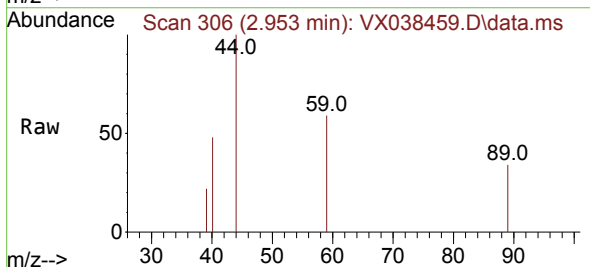


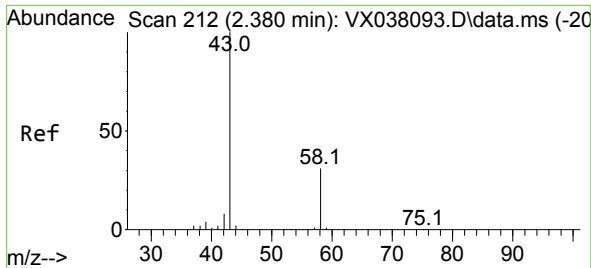
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

Tgt Ion: 59 Resp: 377
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

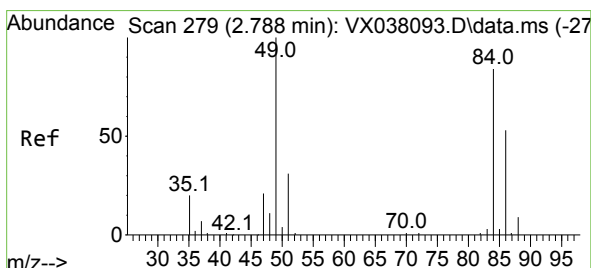
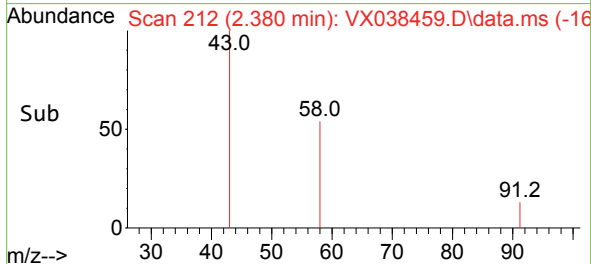
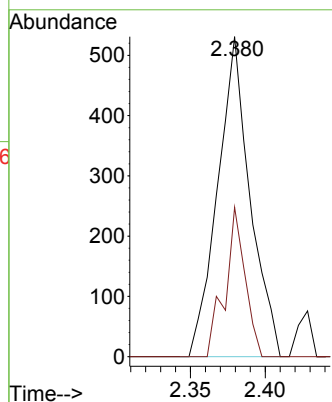
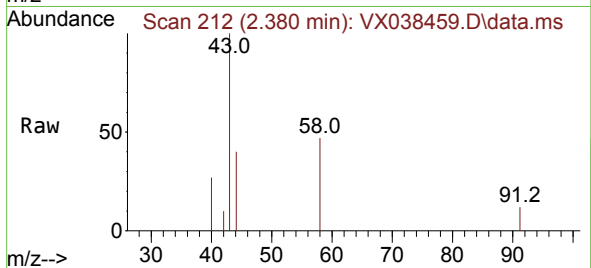




#16
Acetone
Concen: 0.736 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

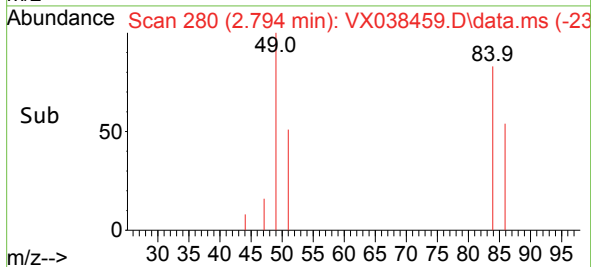
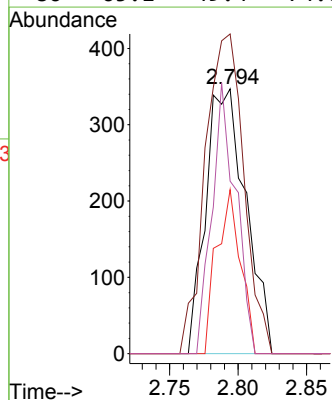
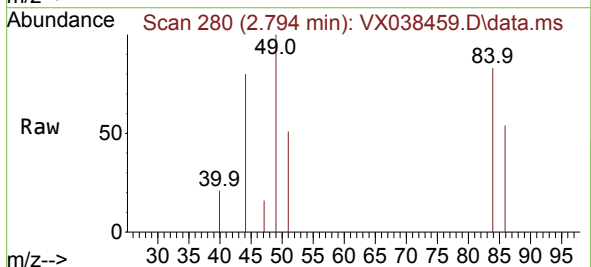
Instrument :
MSVOA_X
ClientSampleId :

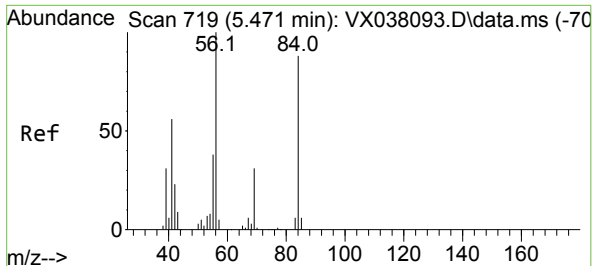
Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
58 46.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.345 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

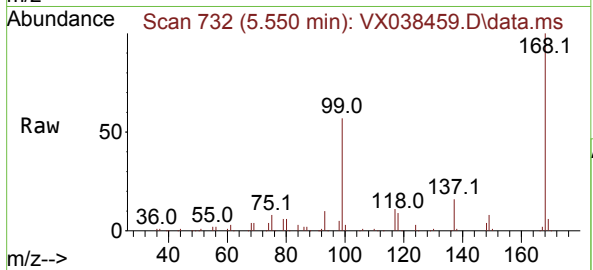
Tgt Ion: 84 Resp: 704
Ion Ratio Lower Upper
84 100
49 120.7 103.6 155.4
51 62.0 33.8 50.6#
86 65.1 49.4 74.0



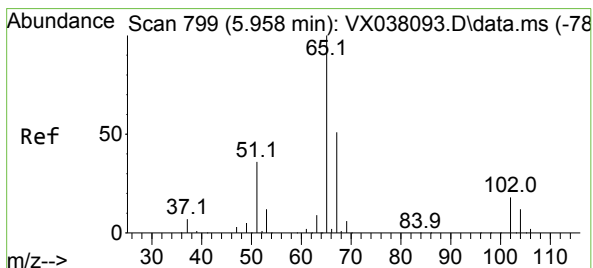
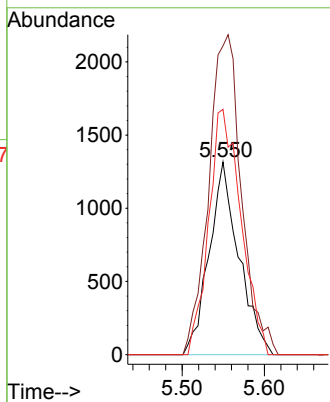
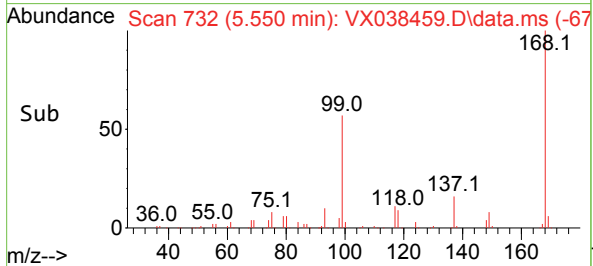


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :

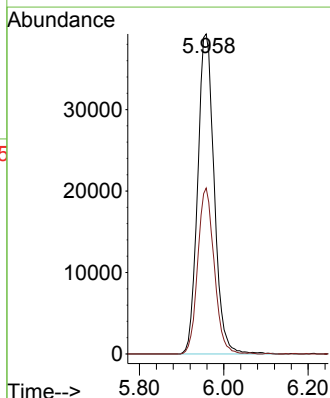
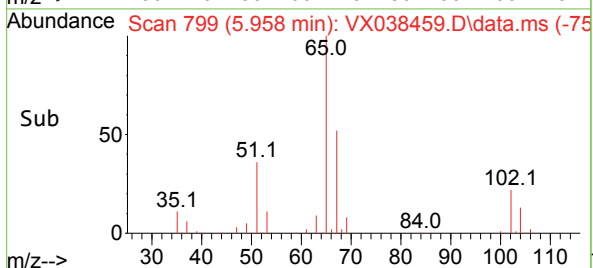
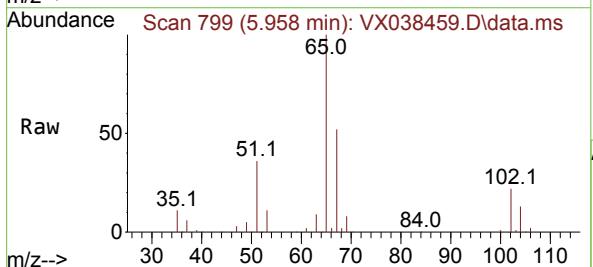


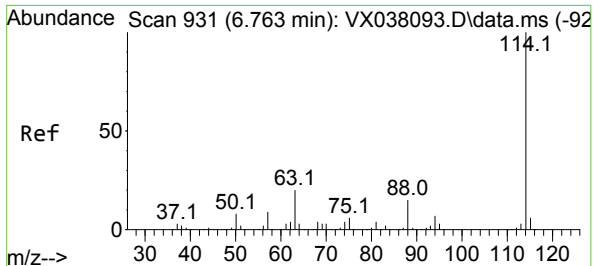
Tgt Ion: 56 Resp: 3315
Ion Ratio Lower Upper
56 100
69 160.3 23.4 35.2#
84 127.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.216 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

Tgt Ion: 65 Resp: 107126
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

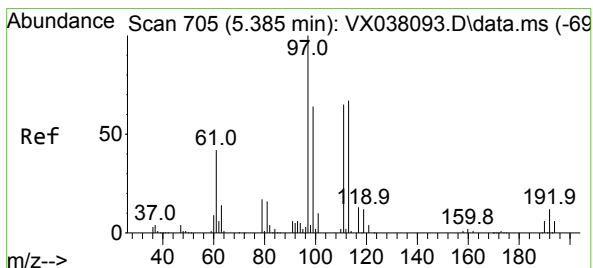
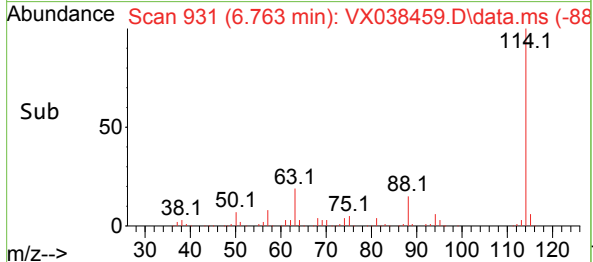
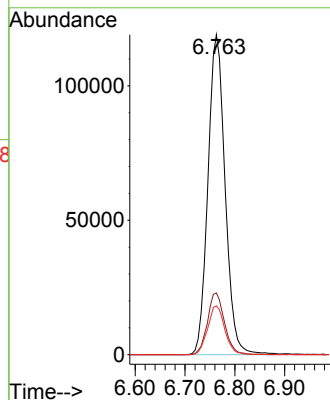
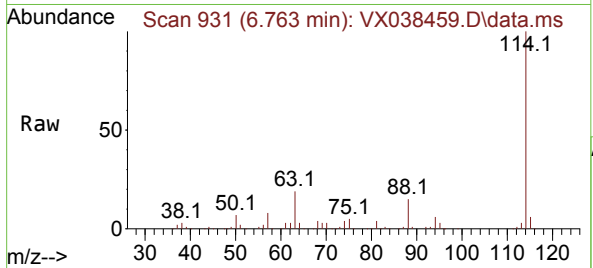




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

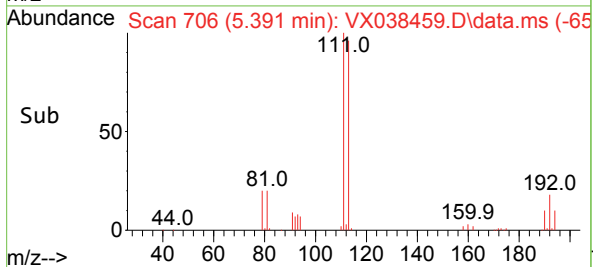
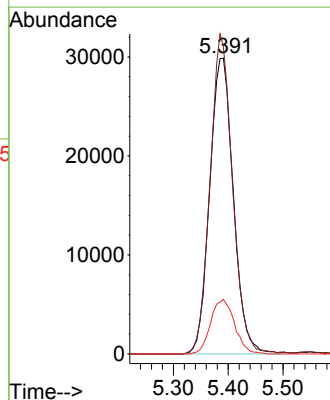
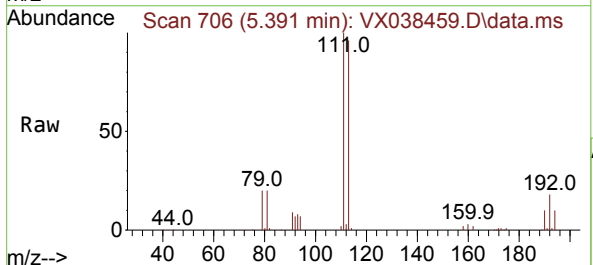
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MSVOA_X
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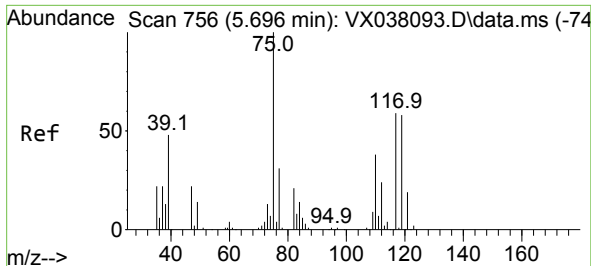
Tgt Ion:114 Resp: 284888
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.552 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

Tgt Ion:113 Resp: 89404
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.7 13.3 19.9

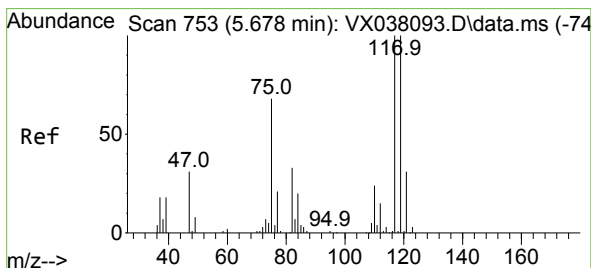
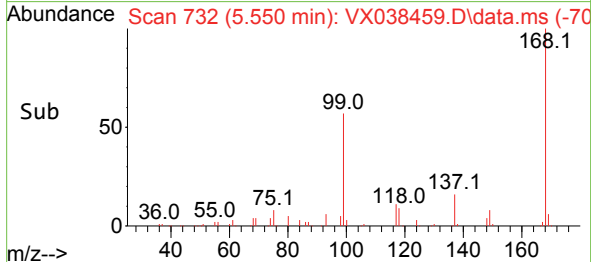
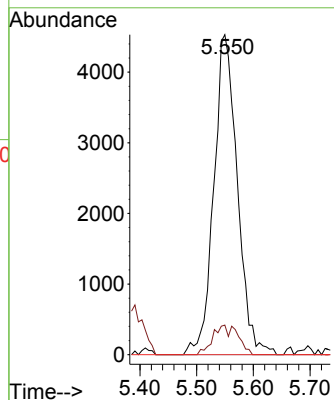
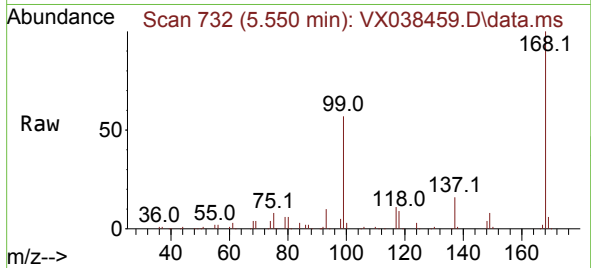




#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

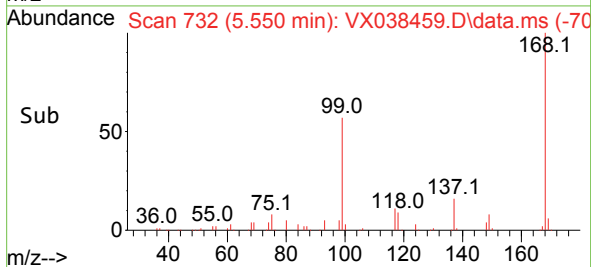
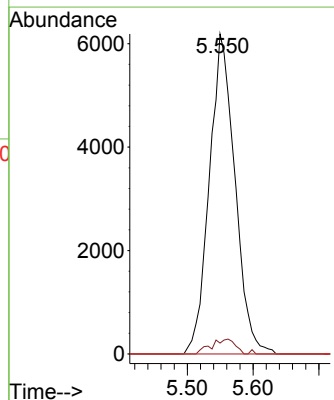
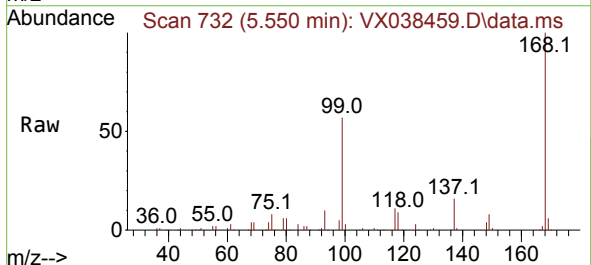
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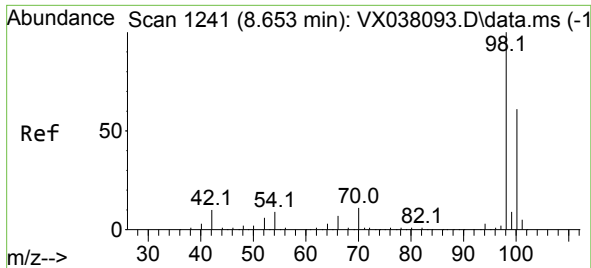
Tgt Ion: 75 Resp: 13049
Ion Ratio Lower Upper
75 100
110 6.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.017 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

Tgt Ion: 117 Resp: 16756
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#

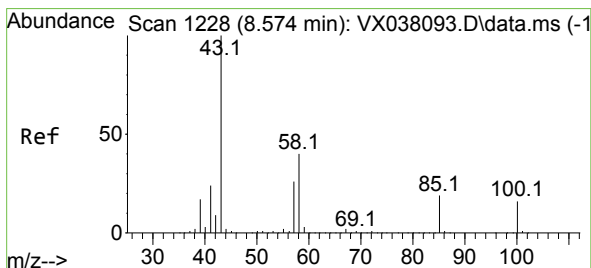
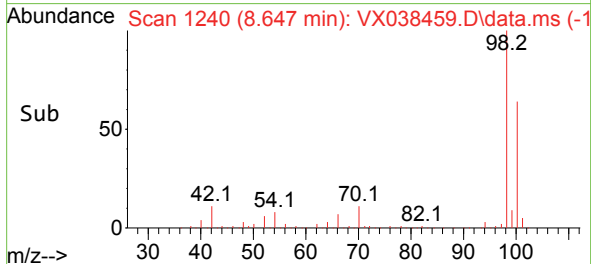
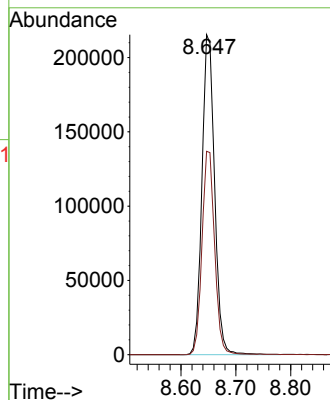
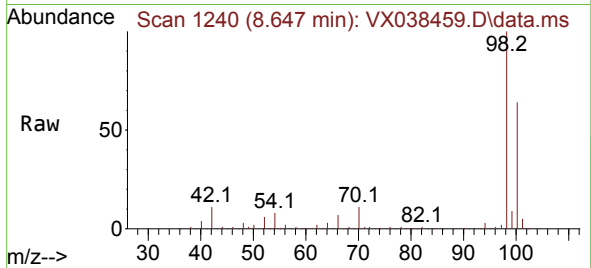




#50
Toluene-d8
Concen: 43.888 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

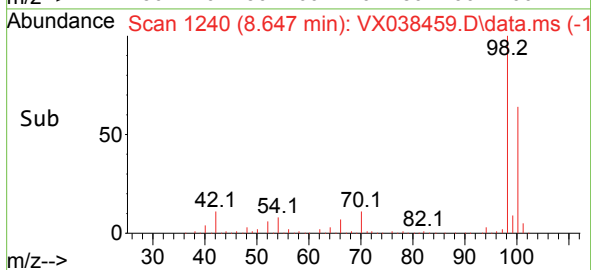
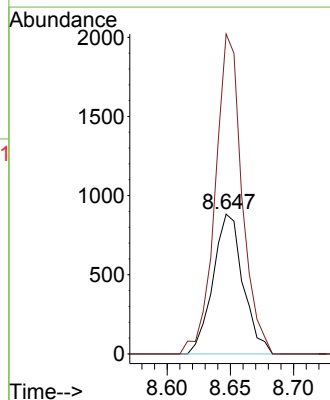
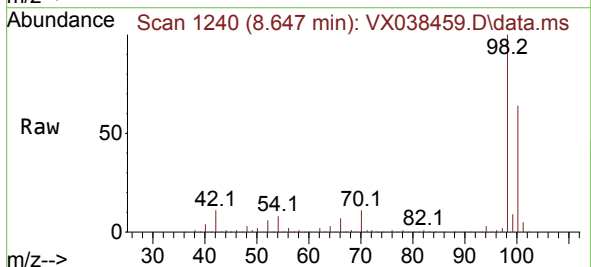
Instrument :
MSVOA_X
ClientSampleId :

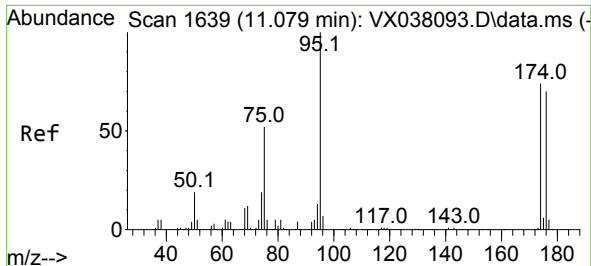
Tgt Ion: 98 Resp: 344268
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.422 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 204.0 30.4 45.6#

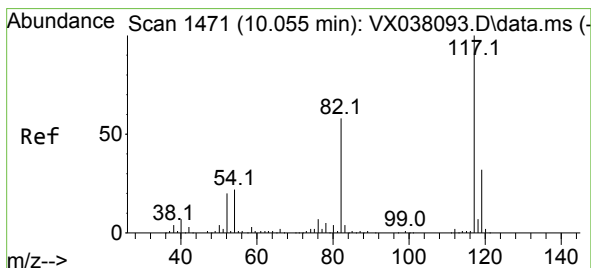
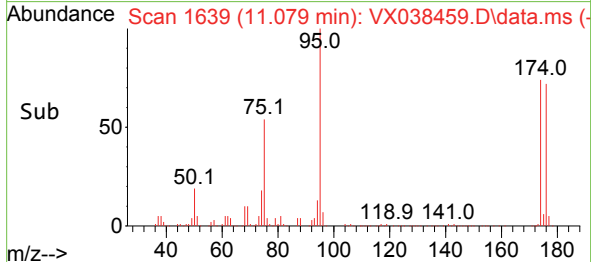
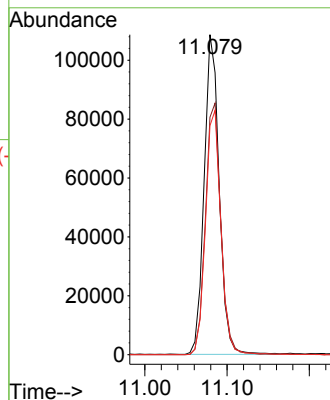
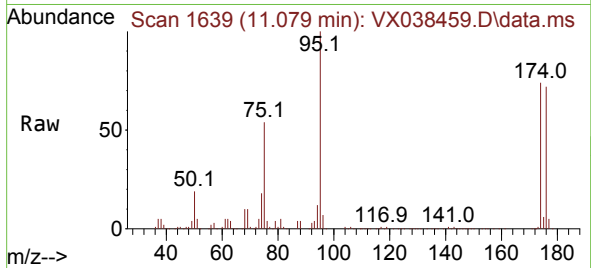




#62
4-Bromofluorobenzene
Concen: 46.349 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

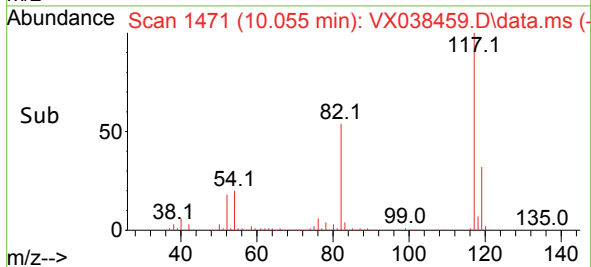
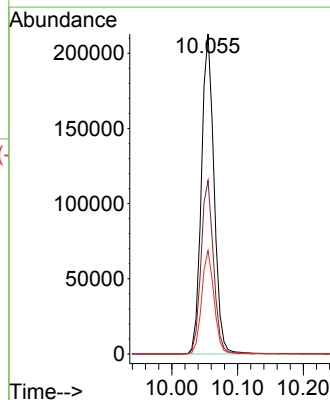
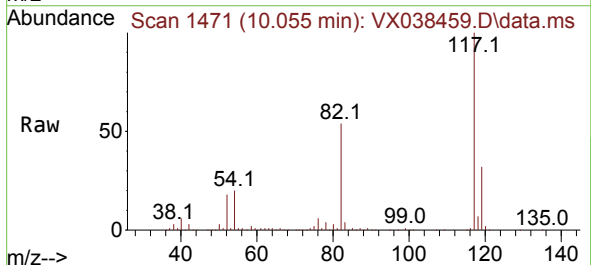
Instrument :
MSVOA_X
ClientSampleId :

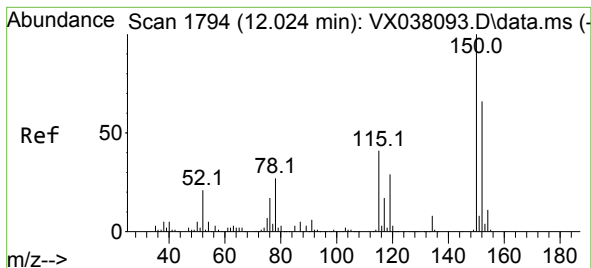
Tgt Ion: 95 Resp: 137835
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 78.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038459.D
Acq: 24 Oct 2023 16:41

Tgt Ion: 117 Resp: 285132
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.3 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: VX038459.D

Acq: 24 Oct 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

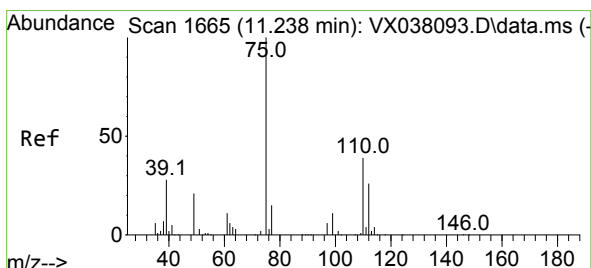
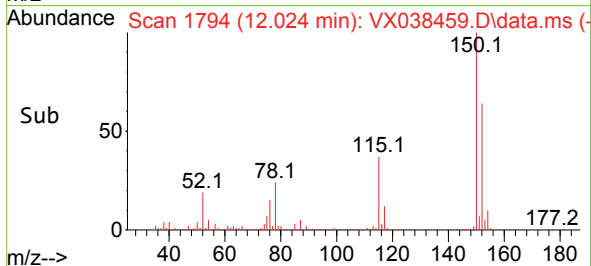
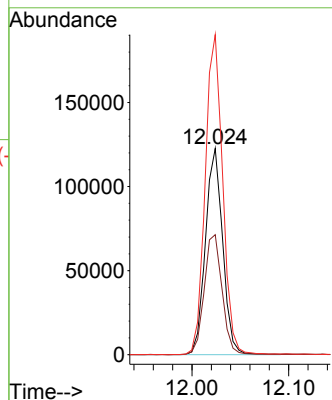
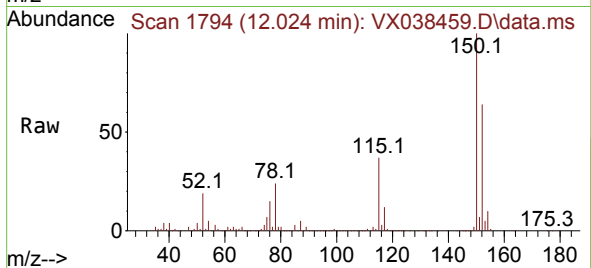
Tgt Ion:152 Resp: 152681

Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.423 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038459.D

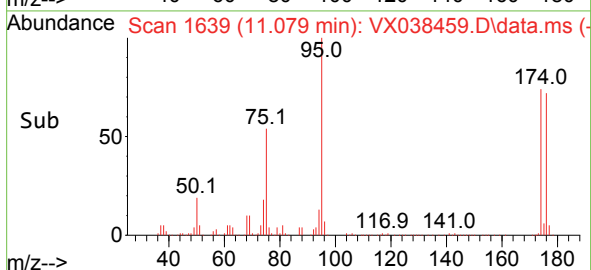
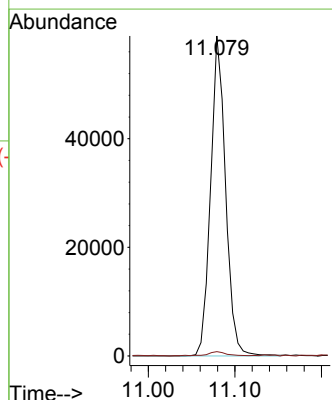
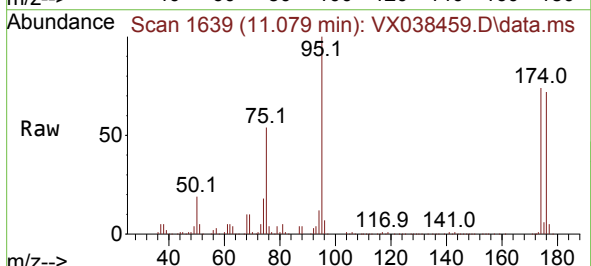
Acq: 24 Oct 2023 16:41

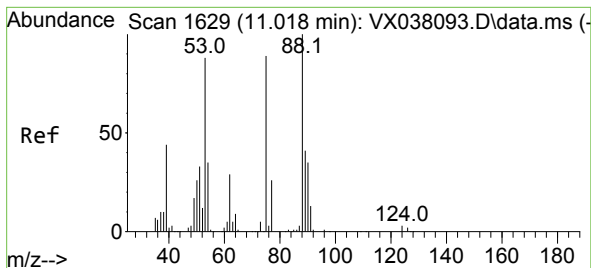
Tgt Ion: 75 Resp: 70887

Ion Ratio Lower Upper

75 100

77 1.8 19.1 57.5#

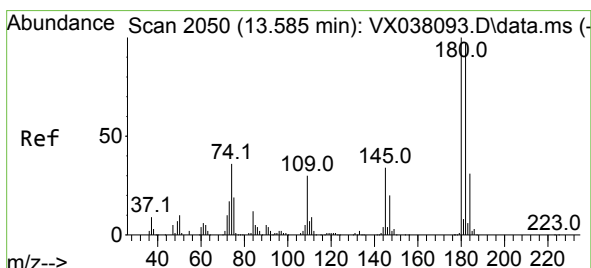
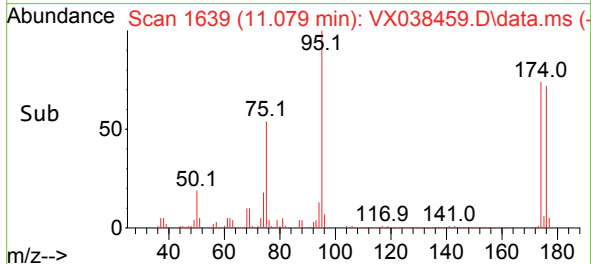
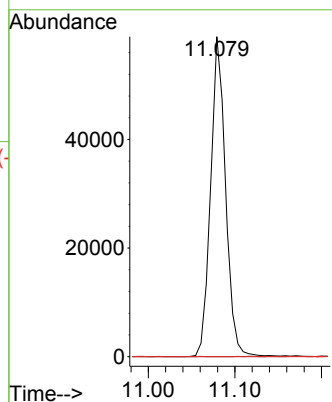
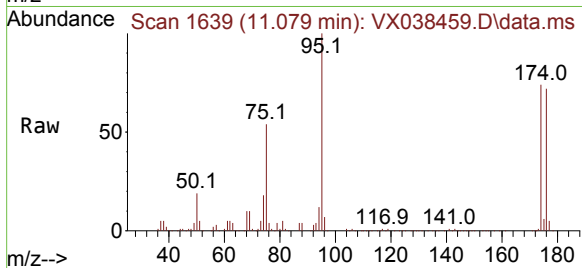




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.856 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038459.D
 Acq: 24 Oct 2023 16:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 70887
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.454 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038459.D
 Acq: 24 Oct 2023 16:41

Tgt Ion:180 Resp: 1469
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.3 144.8
 145 44.0 18.0 54.0

