

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038457.D
 Acq On : 24 Oct 2023 15:54
 Operator : JC/MD
 Sample : 04975-04
 Misc : 1.11g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 06:09:39 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)

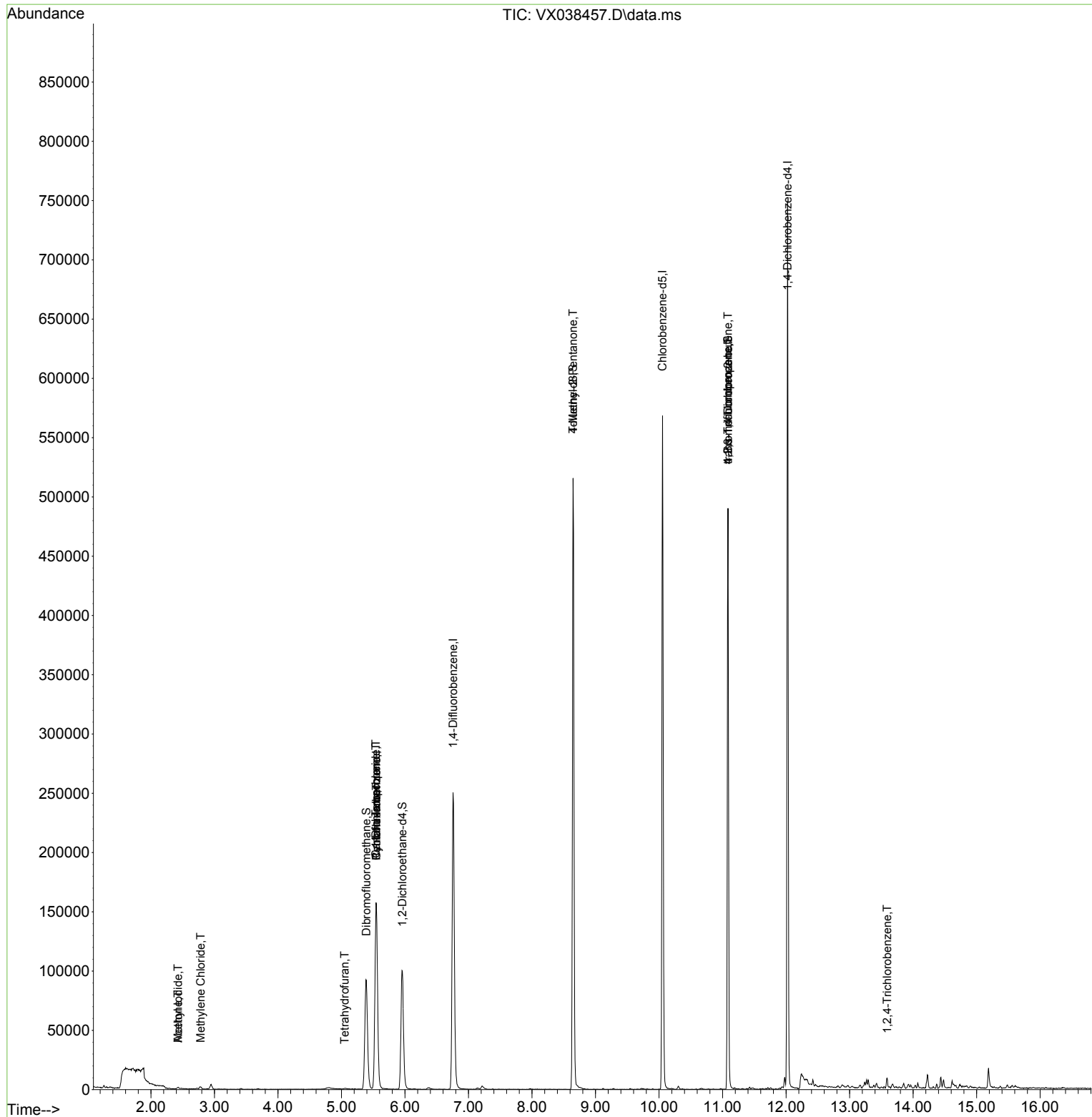
Internal Standards						
1) Pentafluorobenzene	5.550	168	154669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	271878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99622	40.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.080%
35) Dibromofluoromethane	5.391	113	83029	42.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.760%
50) Toluene-d8	8.647	98	329691	44.041	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.080%#
62) 4-Bromofluorobenzene	11.085	95	129554	45.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.300%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	577	Below Cal	#	72
6) Chloroethane	1.654	64	187	Below Cal	#	22
10) Methyl Iodide	2.428	142	1458	0.697	ug/l #	82
11) Tert butyl alcohol	2.947	59	2284	Below Cal	#	78
16) Acetone	2.428	43	653	0.629	ug/l #	83
20) Methylene Chloride	2.782	84	1053	0.539	ug/l #	76
29) Tetrahydrofuran	5.050	42	504	0.462	ug/l #	57
31) Cyclohexane	5.550	56	3333	1.237	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11779	4.360	ug/l #	50
38) Carbon Tetrachloride	5.544	117	16047	6.038	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1419	0.430	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	68039	19.440	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	68039	56.218	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1782	0.546	ug/l	95

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

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Misc : 1.11g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

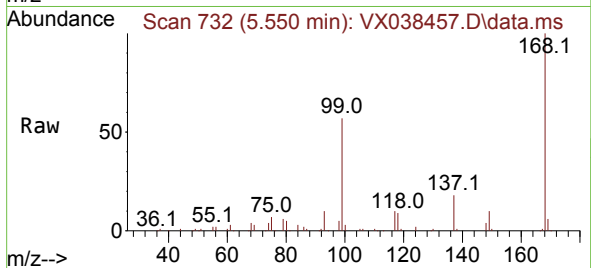
Quant Time: Oct 25 06:09:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



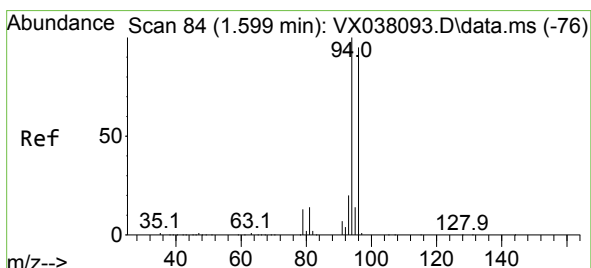
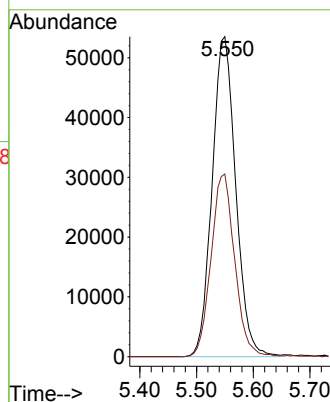
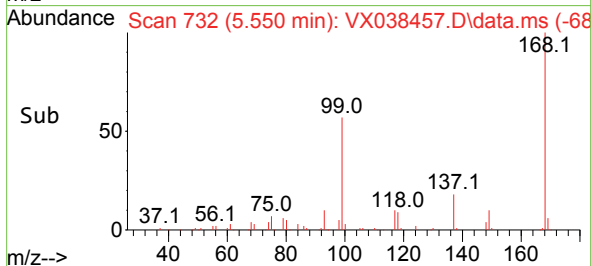


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Instrument :
MSVOA_X
ClientSampleId :

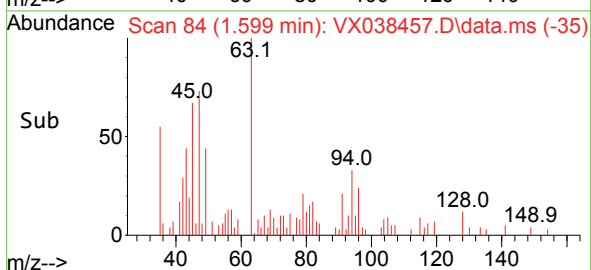
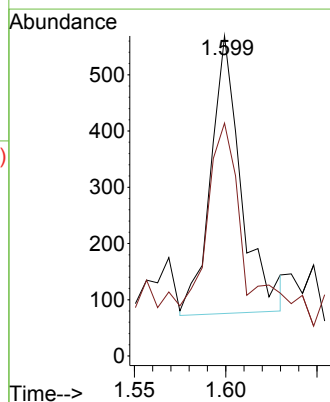
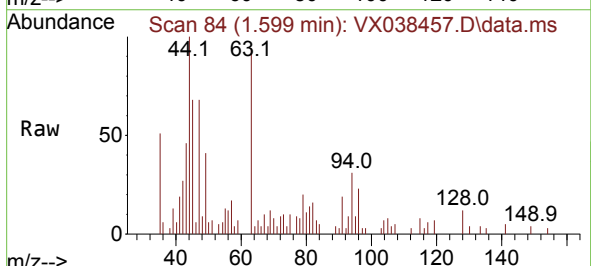


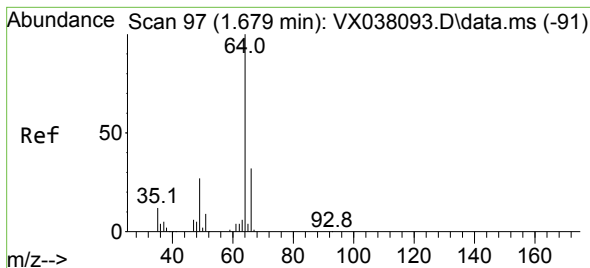
Tgt Ion:168 Resp: 154669
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Tgt Ion: 94 Resp: 577
Ion Ratio Lower Upper
94 100
96 66.5 74.6 111.8#

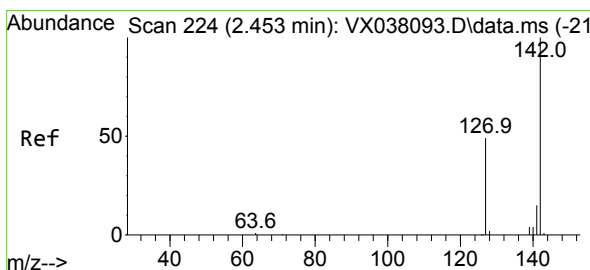
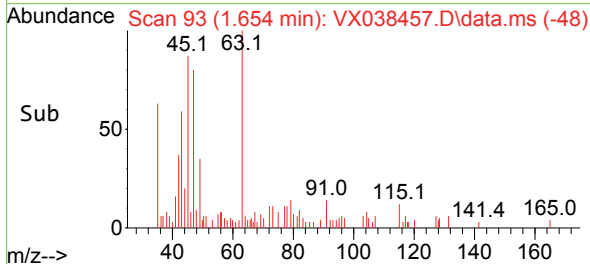
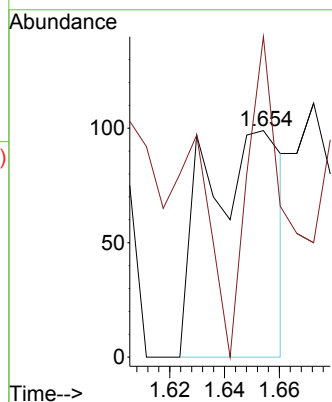
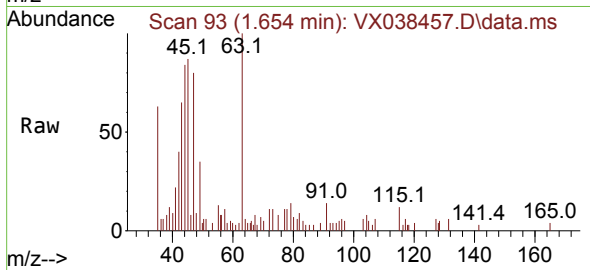




#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

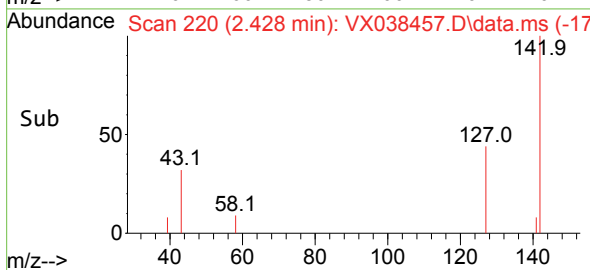
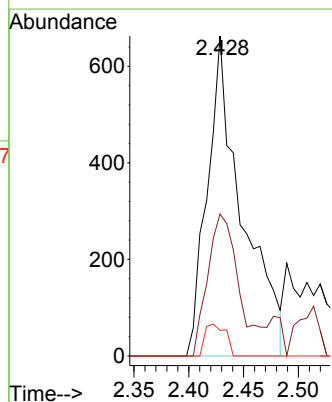
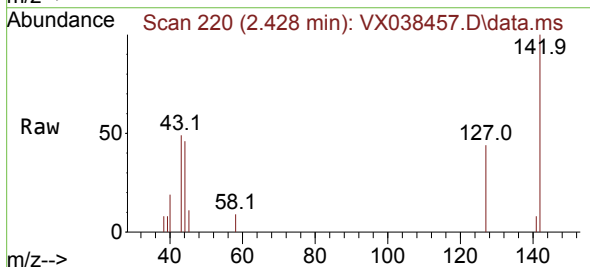
Instrument :
MSVOA_X
ClientSampleId :

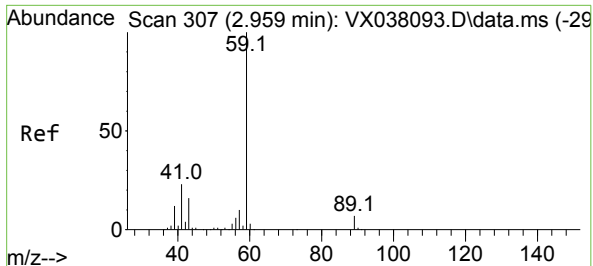
Tgt Ion: 64 Resp: 187
Ion Ratio Lower Upper
64 100
66 74.7 25.1 37.7#



#10
Methyl Iodide
Concen: 0.697 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.025 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

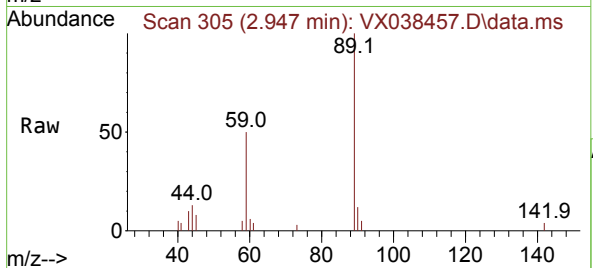
Tgt Ion: 142 Resp: 1458
Ion Ratio Lower Upper
142 100
127 39.5 41.6 62.4#
141 5.9 11.6 17.4#



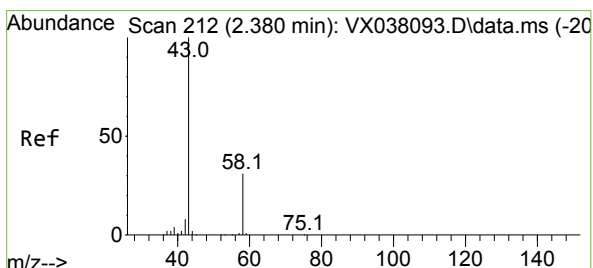
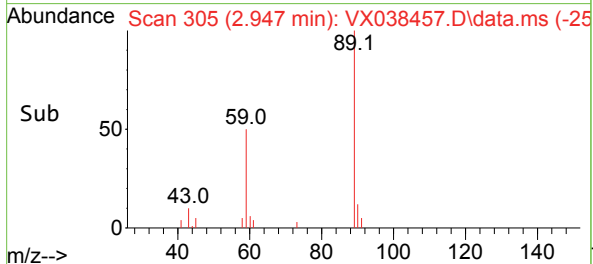
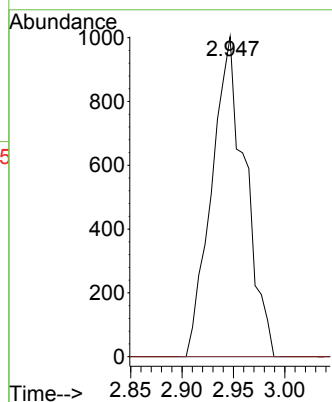


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Instrument :
MSVOA_X
ClientSampleId :

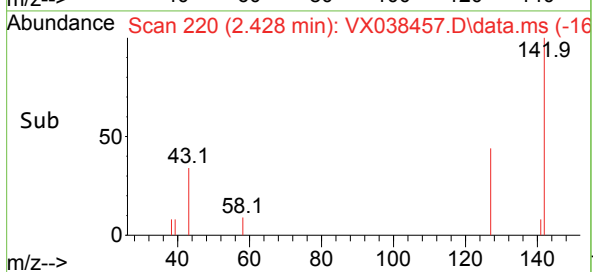
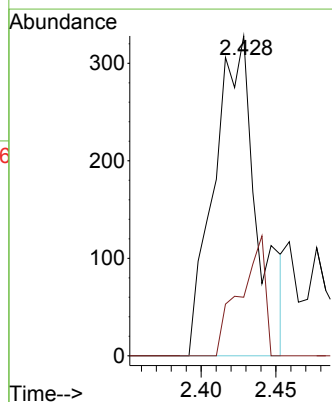
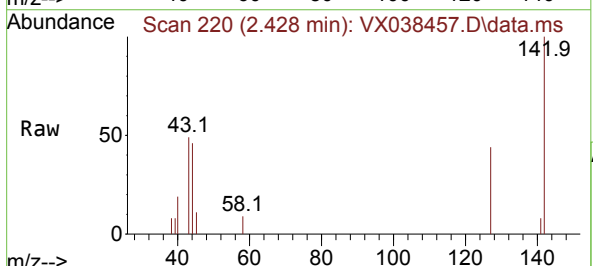


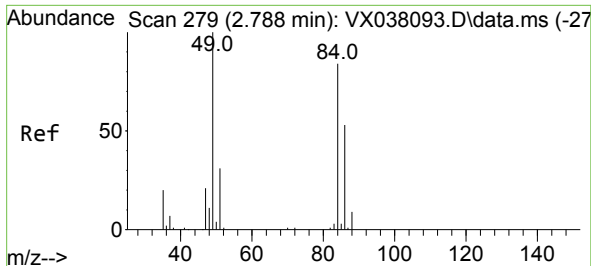
Tgt Ion: 59 Resp: 2284
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 0.629 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.048 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

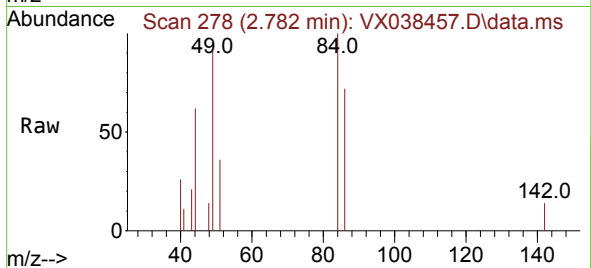
Tgt Ion: 43 Resp: 653
Ion Ratio Lower Upper
43 100
58 18.3 21.9 32.9#



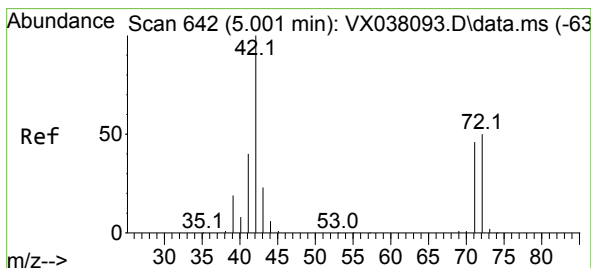
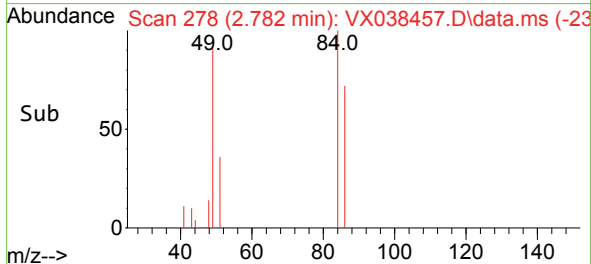
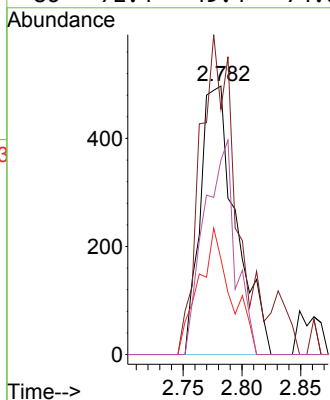


#20
Methylene Chloride
Concen: 0.539 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Instrument :
MSVOA_X
ClientSampleId :

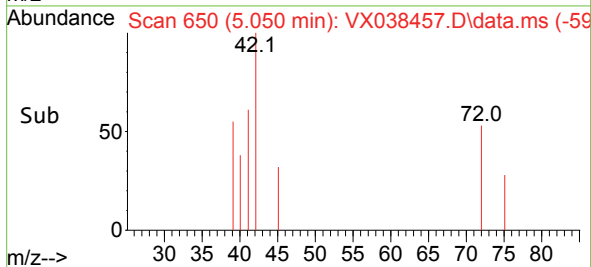
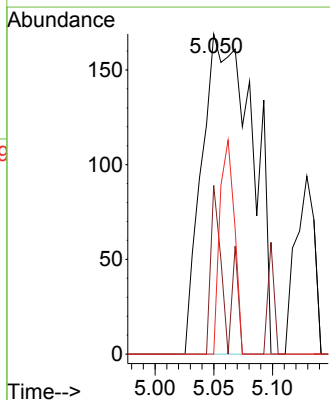
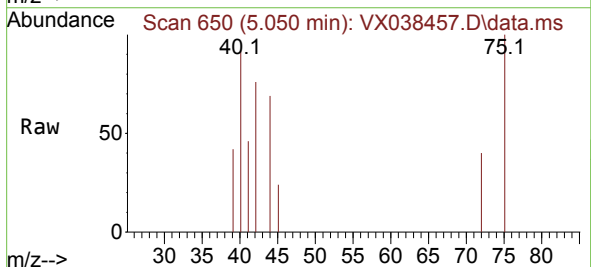


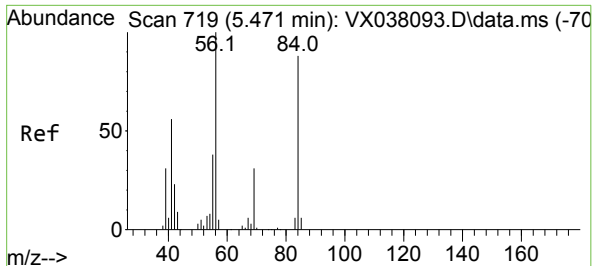
Tgt Ion: 84	Resp: 1053
Ion Ratio	Lower Upper
84 100	
49 91.3	103.6 155.4#
51 35.6	33.8 50.6
86 72.4	49.4 74.0



#29
Tetrahydrofuran
Concen: 0.462 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.049 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

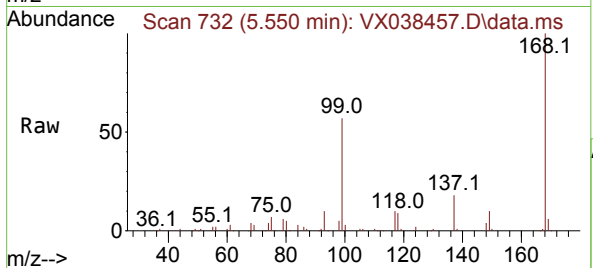
Tgt Ion: 42	Resp: 504
Ion Ratio	Lower Upper
42 100	
72 10.1	34.2 51.4#
71 19.4	32.2 48.2#



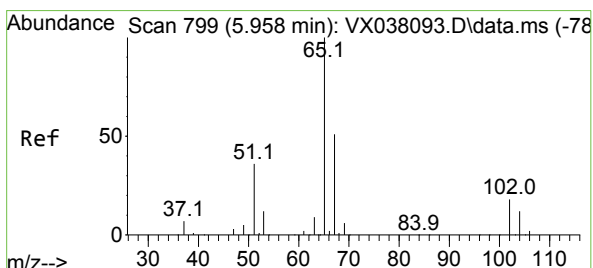
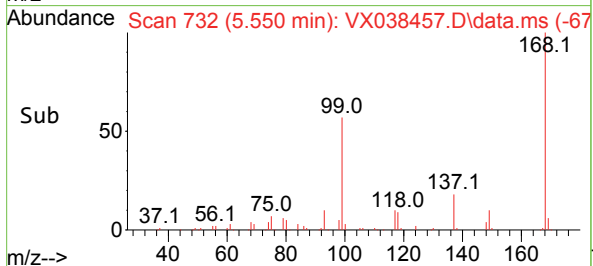
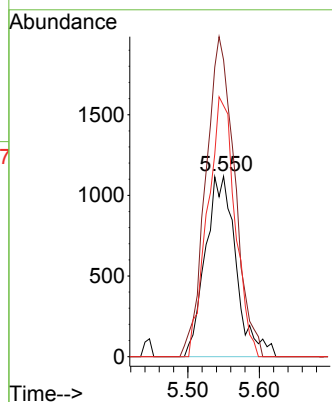


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Instrument :
MSVOA_X
ClientSampleId :

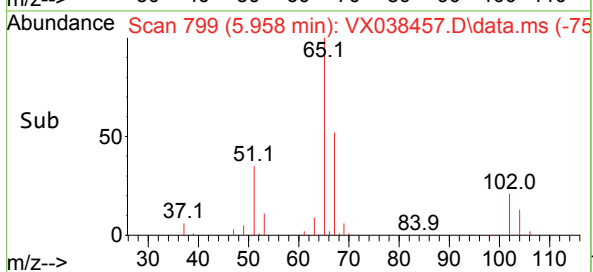
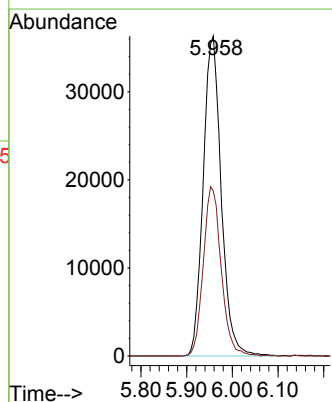
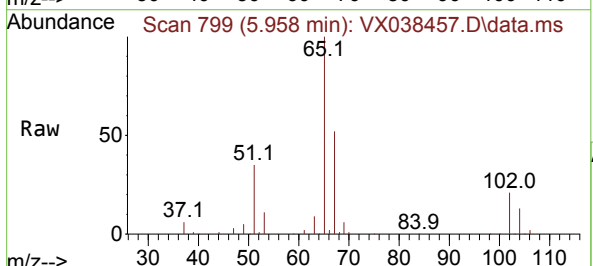


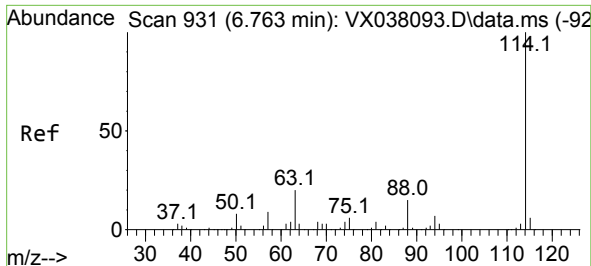
Tgt Ion: 56 Resp: 3333
Ion Ratio Lower Upper
56 100
69 164.6 23.4 35.2#
84 139.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 40.045 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Tgt Ion: 65 Resp: 99622
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

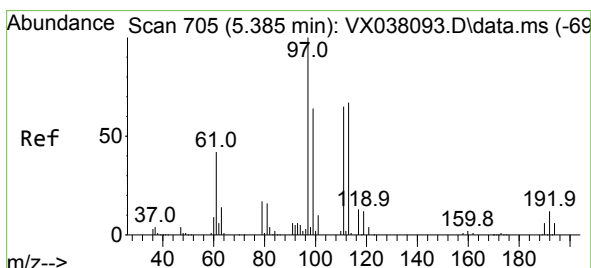
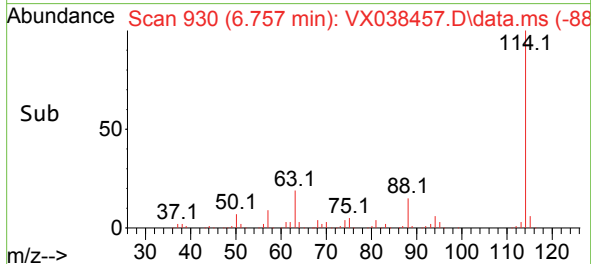
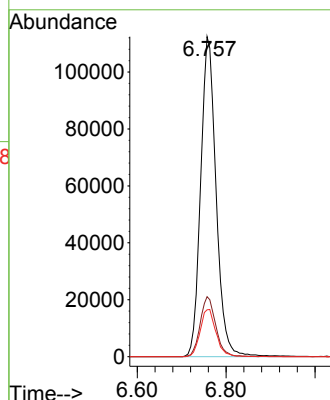
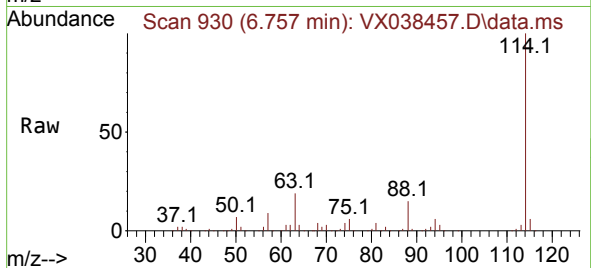




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

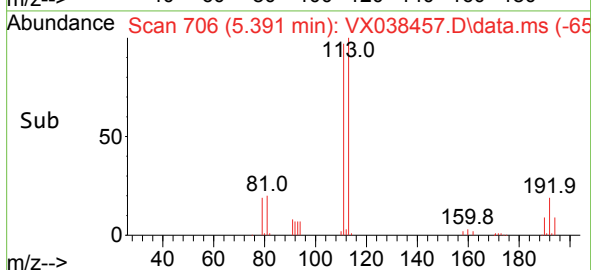
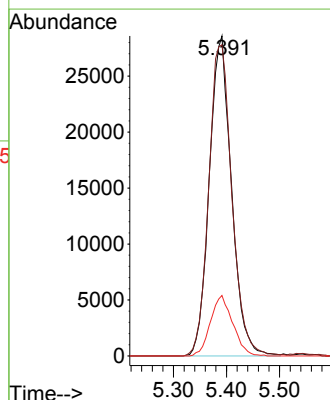
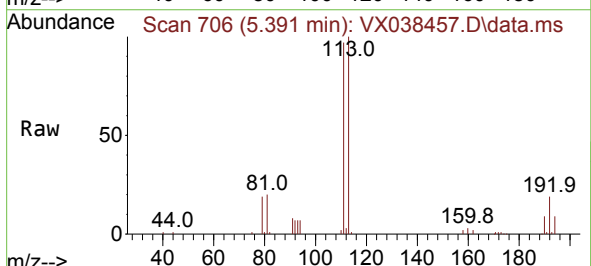
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MSVOA_X
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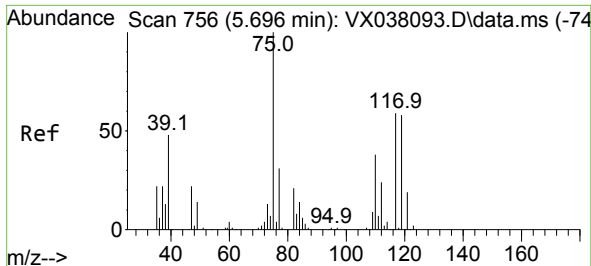
Tgt Ion:114 Resp: 271878
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.382 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Tgt Ion:113 Resp: 83029
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 19.1 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.360 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX038457.D

Acq: 24 Oct 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

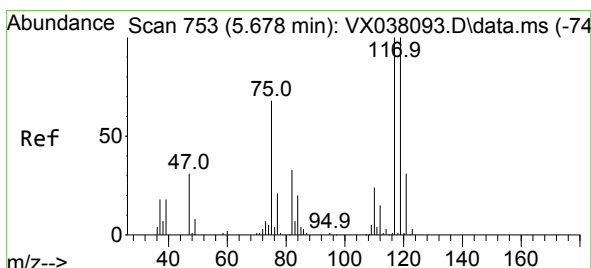
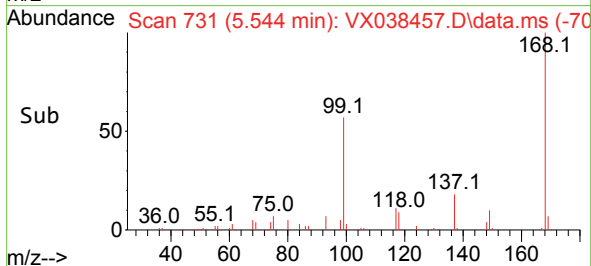
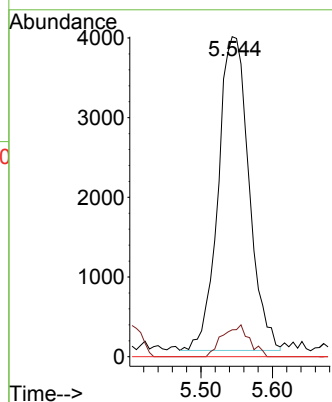
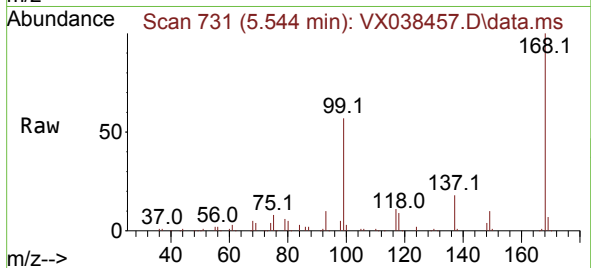
Tgt Ion: 75 Resp: 11779

Ion Ratio Lower Upper

75 100

110 8.9 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.038 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX038457.D

Acq: 24 Oct 2023 15:54

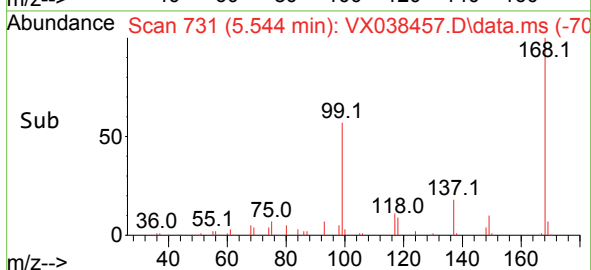
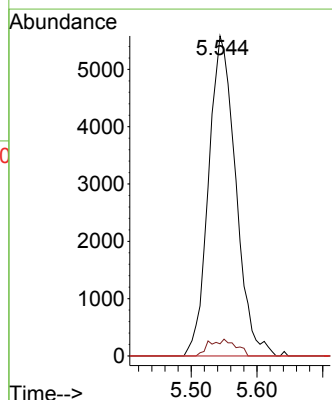
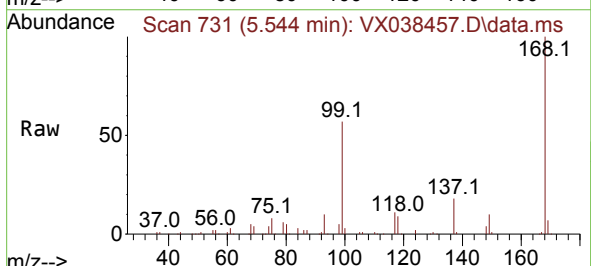
Tgt Ion: 117 Resp: 16047

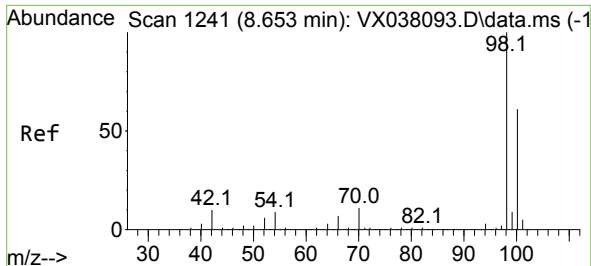
Ion Ratio Lower Upper

117 100

119 3.8 78.2 117.2#

121 0.0 24.4 36.6#

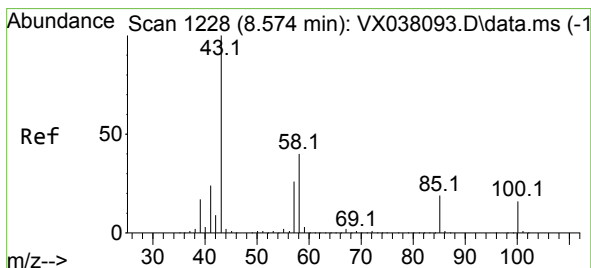
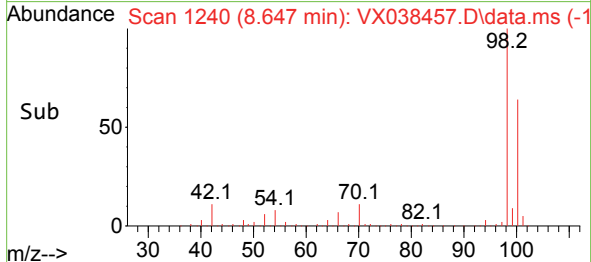
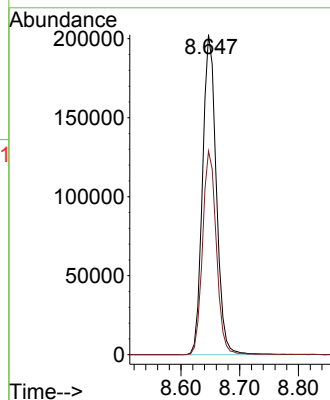
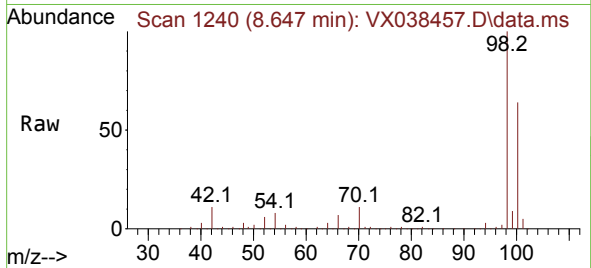




#50
Toluene-d8
Concen: 44.041 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

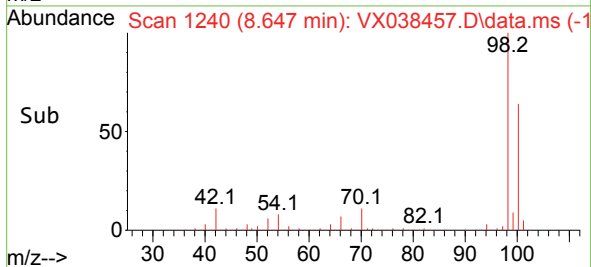
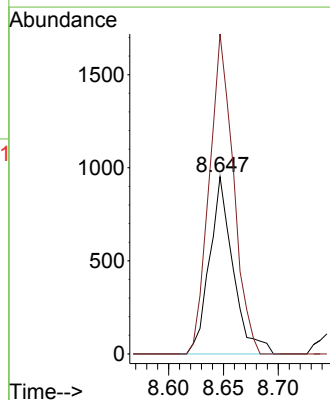
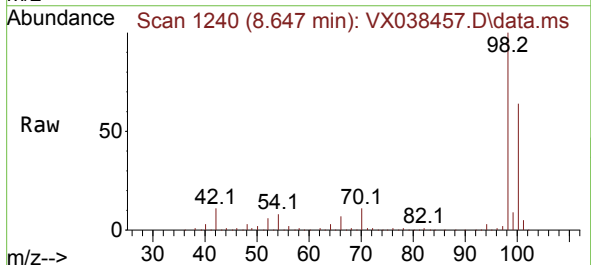
Instrument :
MSVOA_X
ClientSampleId :

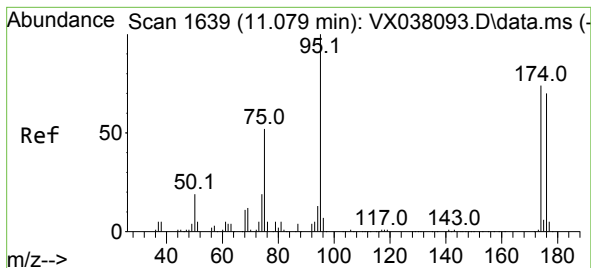
Tgt Ion: 98 Resp: 329691
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Tgt Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
58 185.7 30.4 45.6#

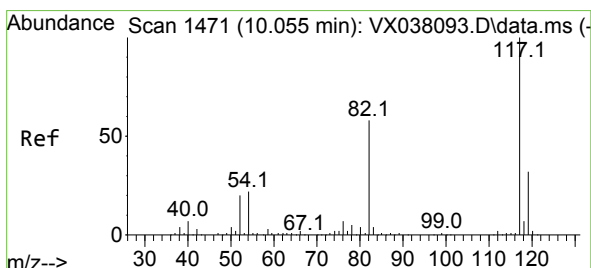
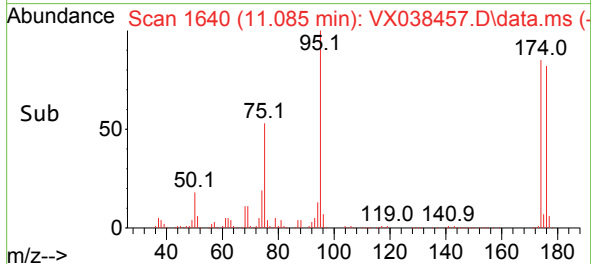
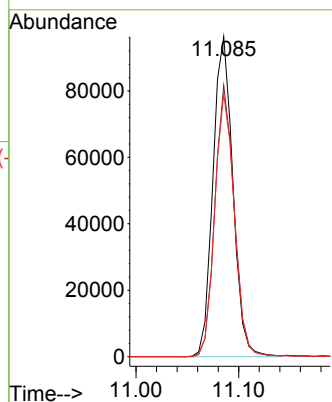
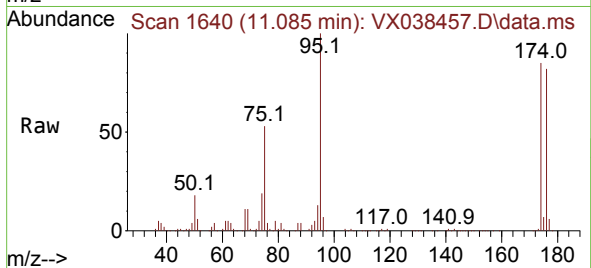




#62
4-Bromofluorobenzene
Concen: 45.649 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

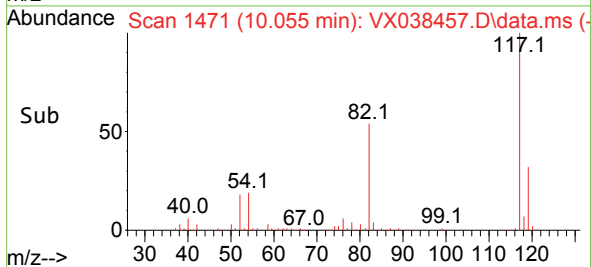
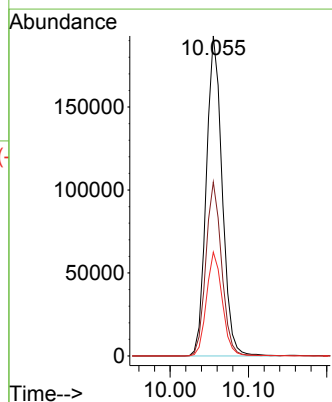
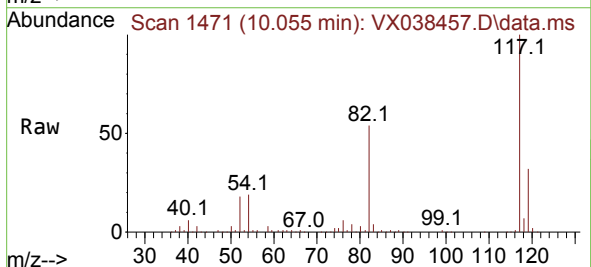
Instrument :
MSVOA_X
ClientSampleId :

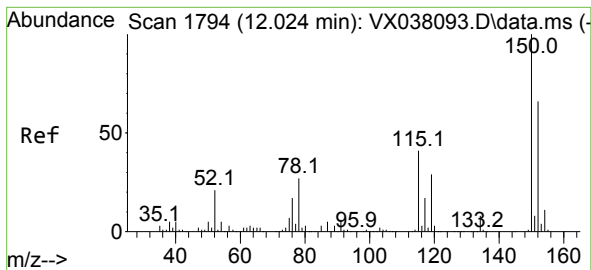
Tgt Ion: 95 Resp: 129554
Ion Ratio Lower Upper
95 100
174 82.8 0.0 135.6
176 81.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Tgt Ion: 117 Resp: 270793
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038457.D

Acq: 24 Oct 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

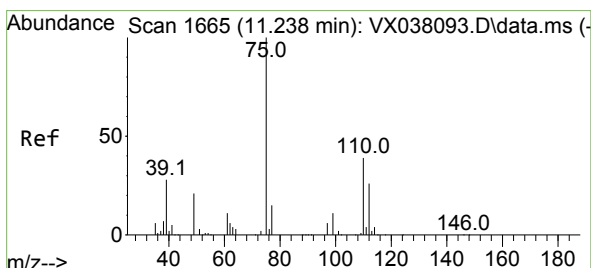
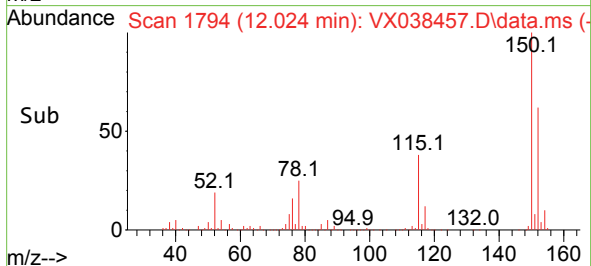
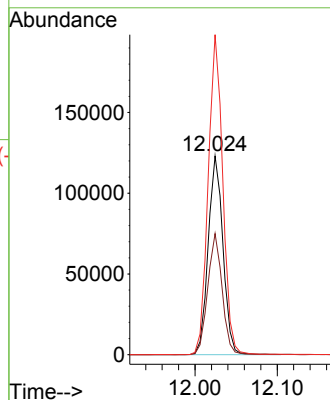
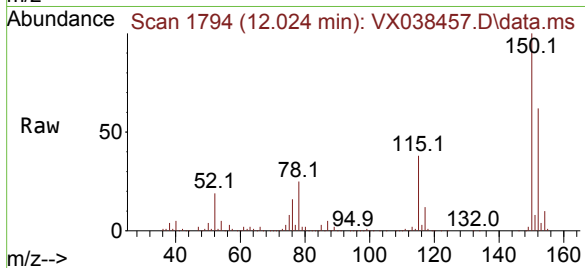
Tgt Ion:152 Resp: 153955

Ion Ratio Lower Upper

152 100

115 59.5 43.3 129.9

150 158.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 19.440 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.153 min

Lab File: VX038457.D

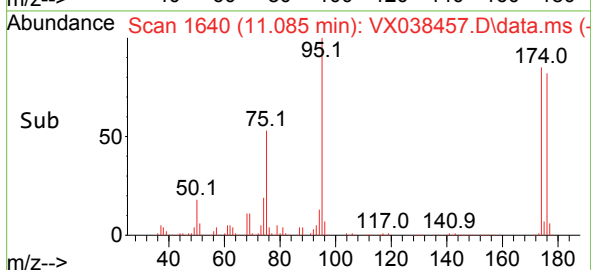
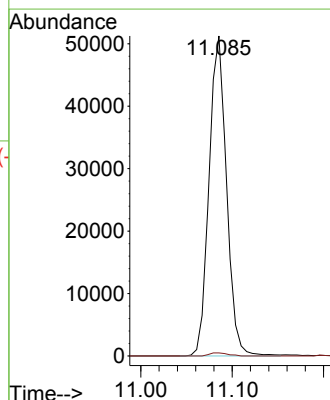
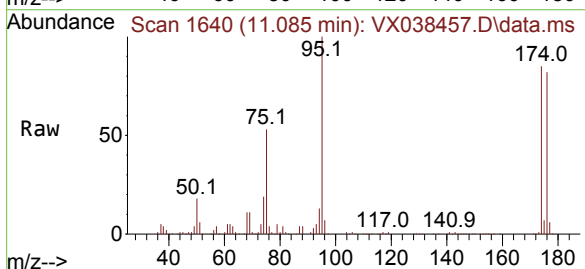
Acq: 24 Oct 2023 15:54

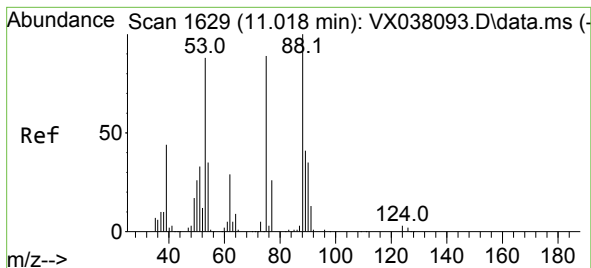
Tgt Ion: 75 Resp: 68039

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

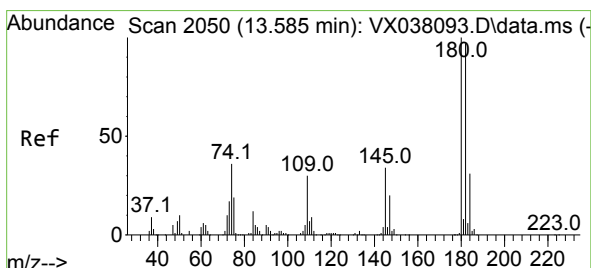
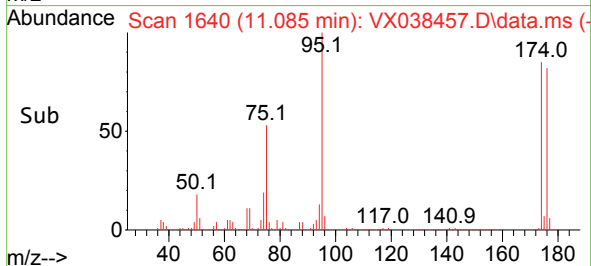
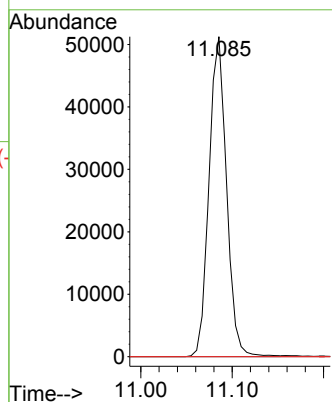
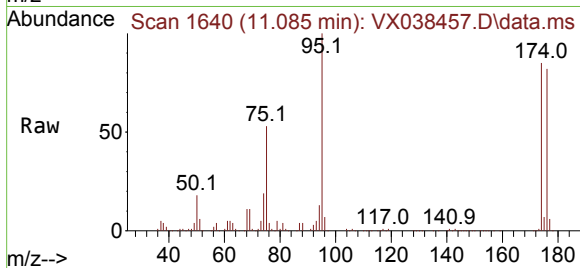




#81
trans-1,4-Dichloro-2-butene
Concen: 56.218 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 68039
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: 0.546 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038457.D
Acq: 24 Oct 2023 15:54

Tgt Ion:180 Resp: 1782
Ion Ratio Lower Upper
180 100
182 92.1 48.3 144.8
145 39.9 18.0 54.0

