

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038431.D
 Acq On : 23 Oct 2023 14:41
 Operator : JC/MD
 Sample : 05007-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:02:34 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)

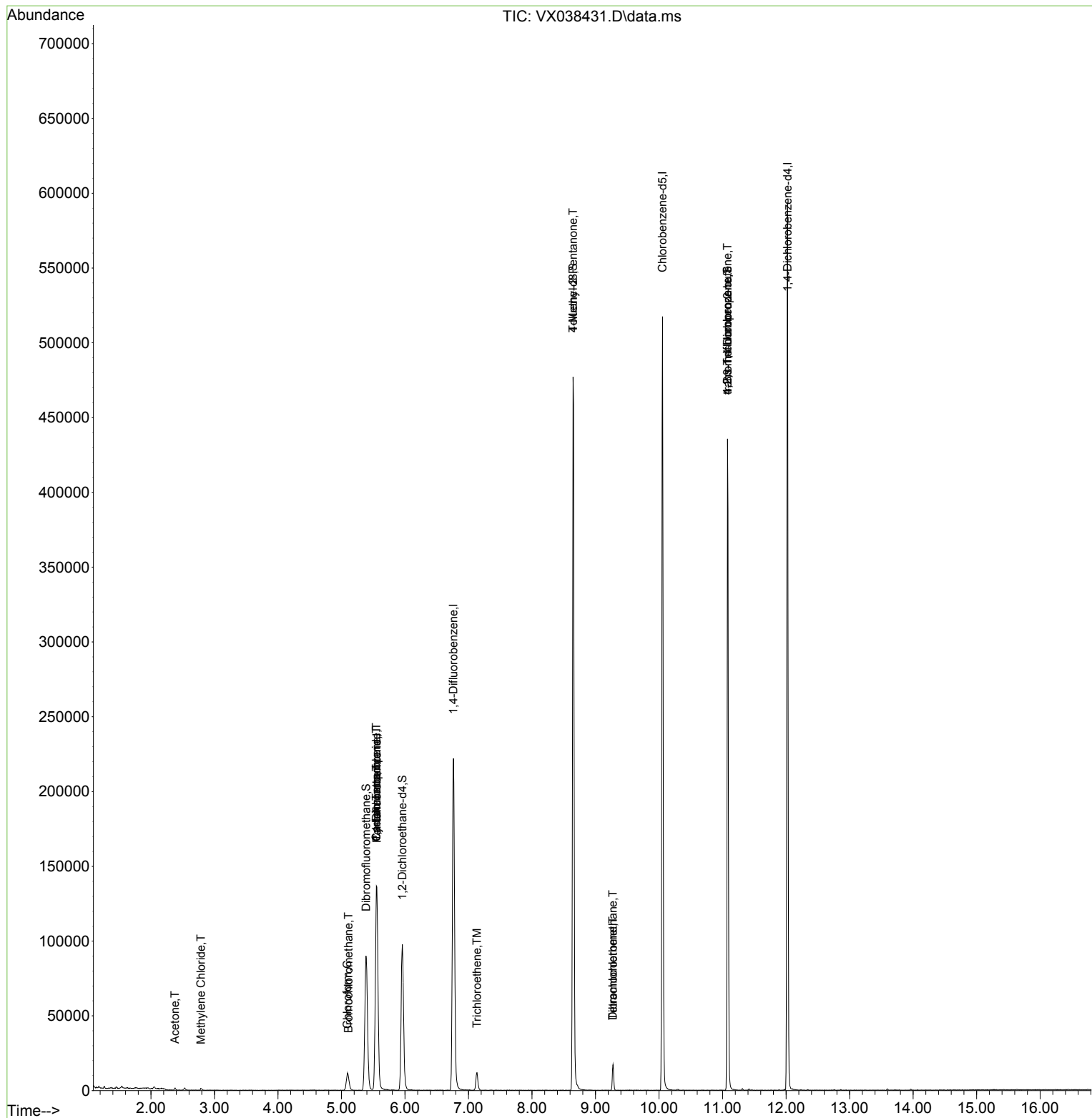
Internal Standards						
1) Pentafluorobenzene	5.556	168	130905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93895	44.595	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.180%
35) Dibromofluoromethane	5.385	113	78523	46.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.647	98	293117	45.405	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.800%#
62) 4-Bromofluorobenzene	11.079	95	110713	45.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	23	Below Cal	#	3
6) Chloroethane	1.636	64	45	Below Cal	#	43
16) Acetone	2.379	43	1202	1.368	ug/l	93
20) Methylene Chloride	2.788	84	610	0.369	ug/l #	77
28) Bromochloromethane	5.111	49	1126	0.915	ug/l #	16
30) Chloroform	5.092	83	13743	4.612	ug/l	97
31) Cyclohexane	5.550	56	3108	1.362	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10703	4.594	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13582	5.926	ug/l #	16
44) Trichloroethene	7.135	130	4830	2.834	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1240	0.435	ug/l #	1
60) Dibromochloromethane	9.274	129	2894	1.629	ug/l #	11
64) Tetrachloroethene	9.274	164	3029	1.966	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	59979	21.337	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59979	61.310	ug/l #	5

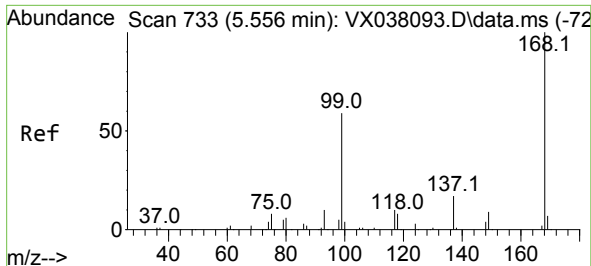
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
Data File : VX038431.D
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Operator : JC/MD
Sample : 05007-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

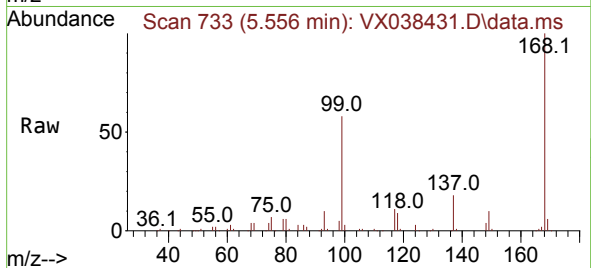
Quant Time: Oct 24 00:02:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



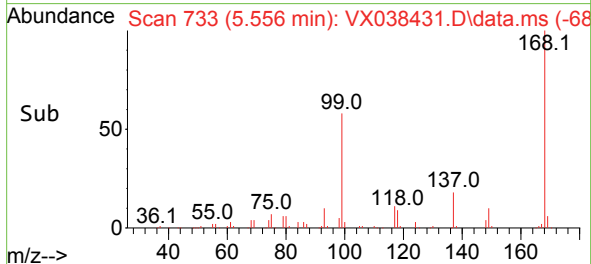
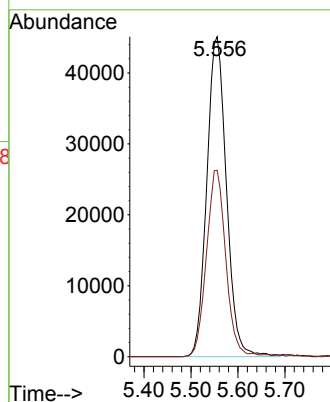


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :

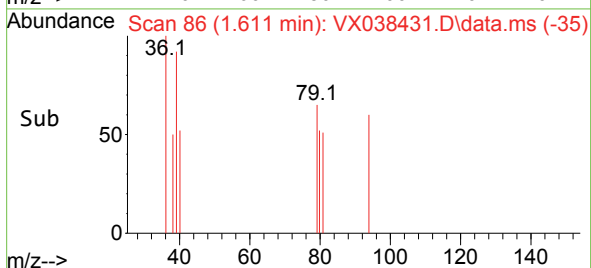
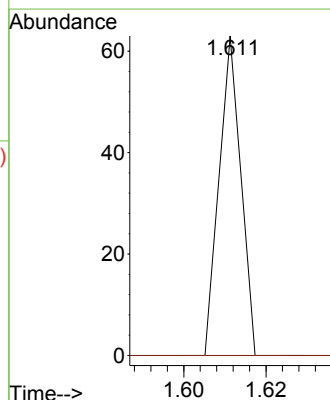
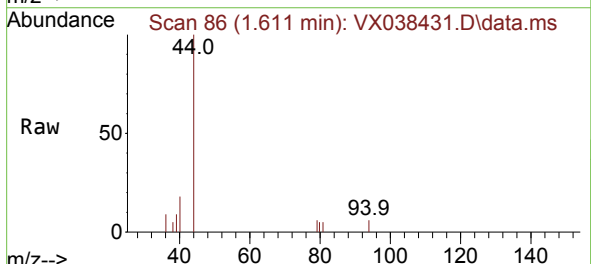


Tgt Ion:168 Resp: 130905
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

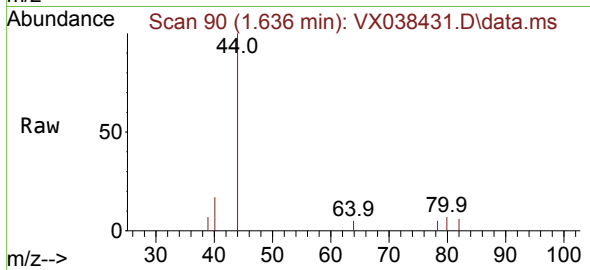
Tgt Ion: 94 Resp: 23
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



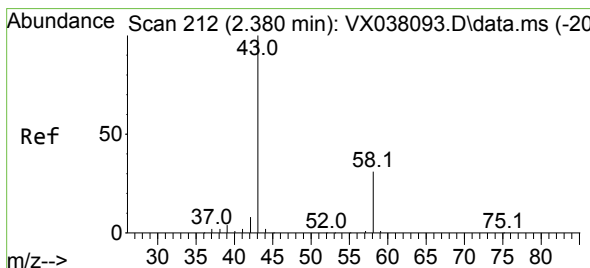
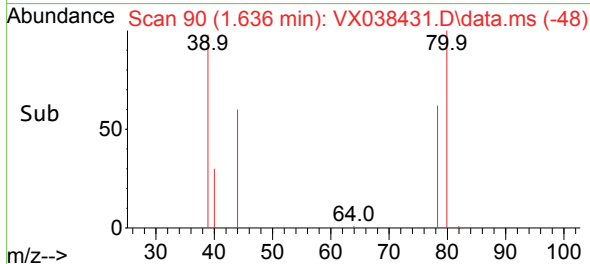
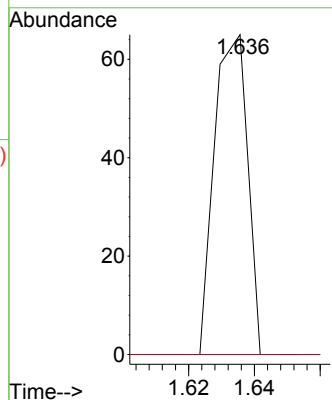


#6
Chloroethane
Concen: Below Cal
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :

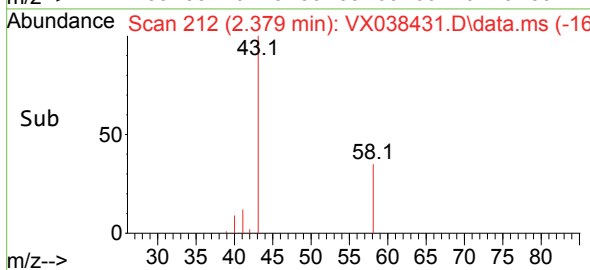
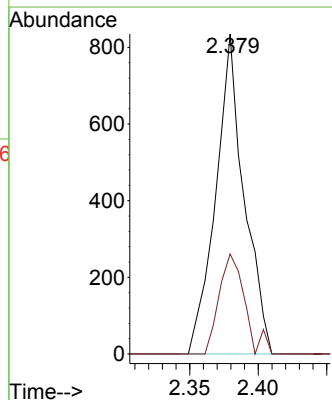
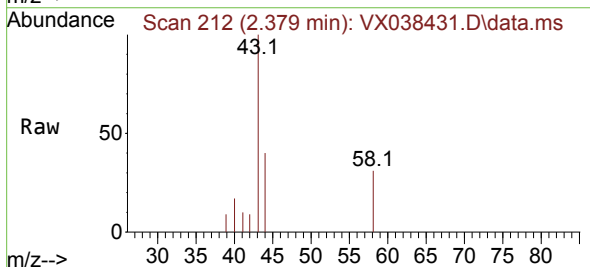


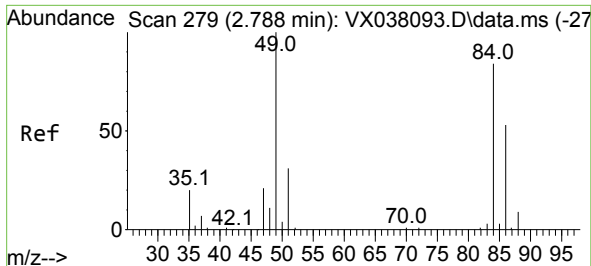
Tgt Ion: 64 Resp: 45
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.368 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





#20

Methylene Chloride

Concen: 0.369 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

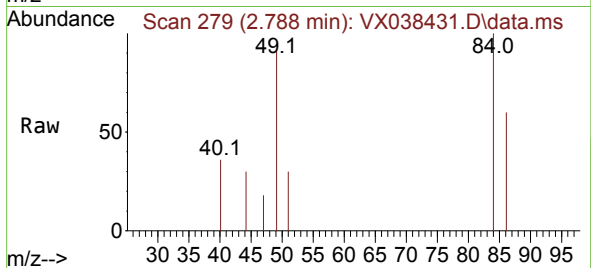
Lab File: VX038431.D

Acq: 23 Oct 2023 14:41

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 610

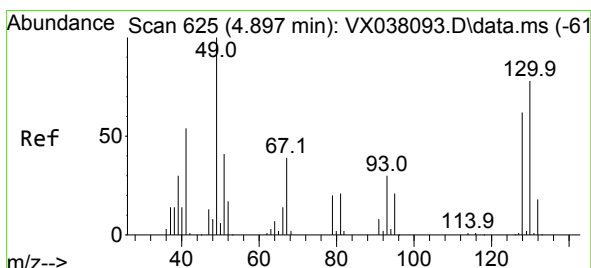
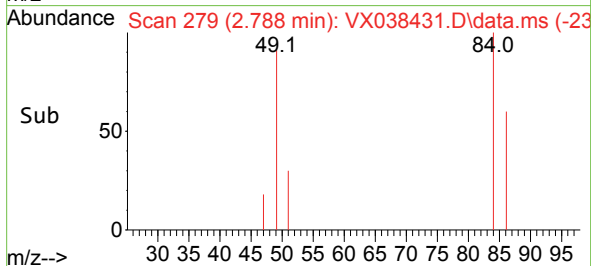
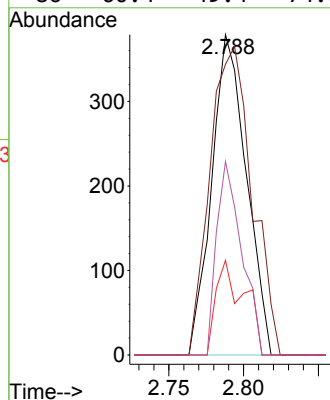
Ion Ratio Lower Upper

84 100

49 90.8 103.6 155.4#

51 29.6 33.8 50.6#

86 60.4 49.4 74.0



#28

Bromochloromethane

Concen: 0.915 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.214 min

Lab File: VX038431.D

Acq: 23 Oct 2023 14:41

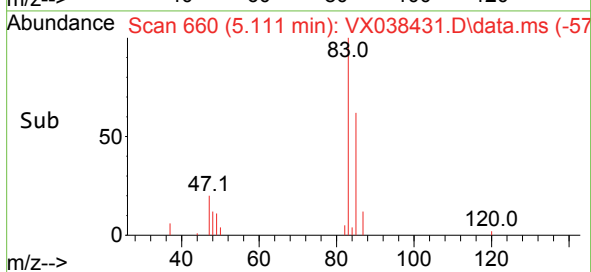
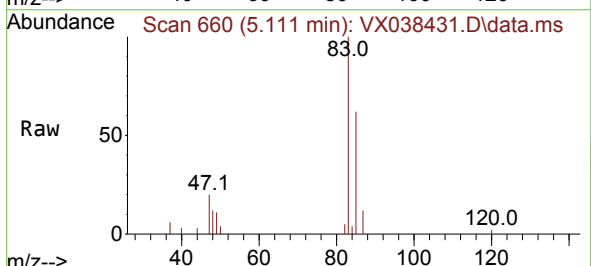
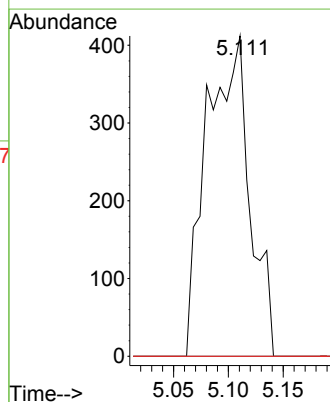
Tgt Ion: 49 Resp: 1126

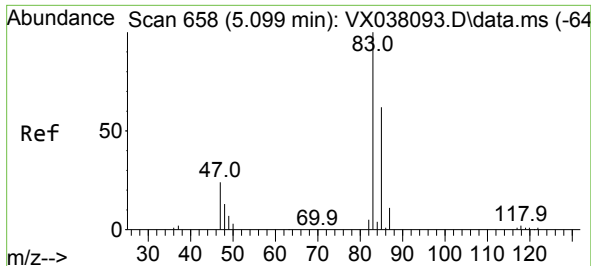
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 57.5 86.3#

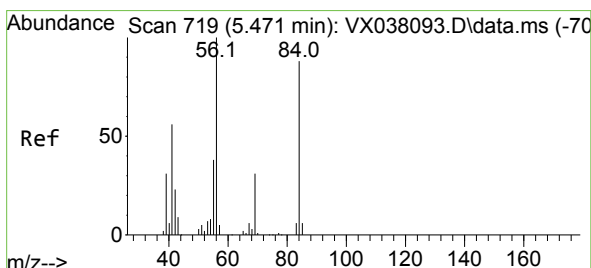
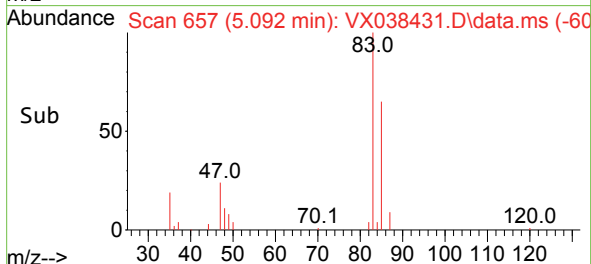
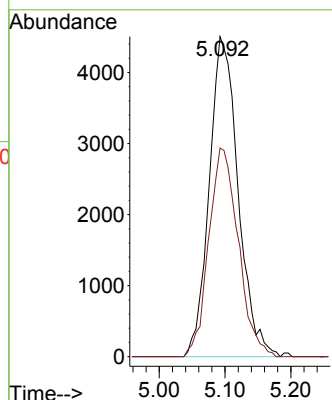
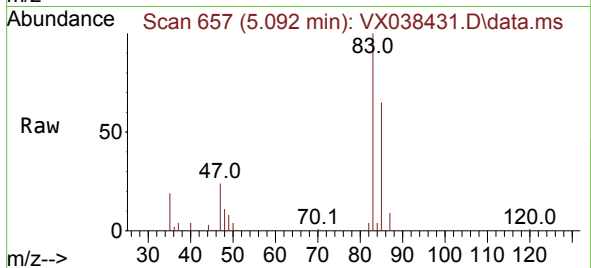




#30
Chloroform
Concen: 4.612 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

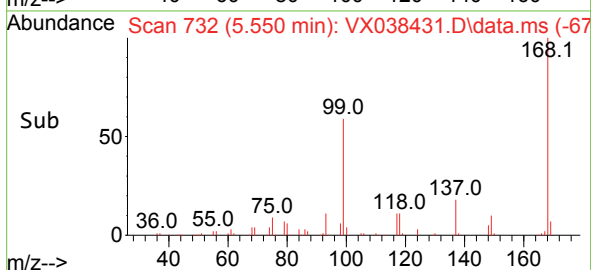
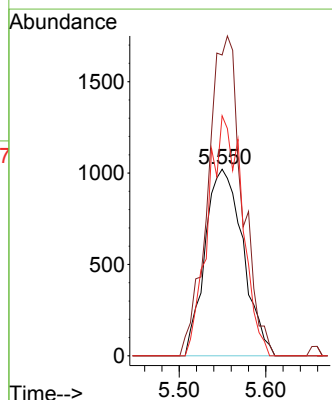
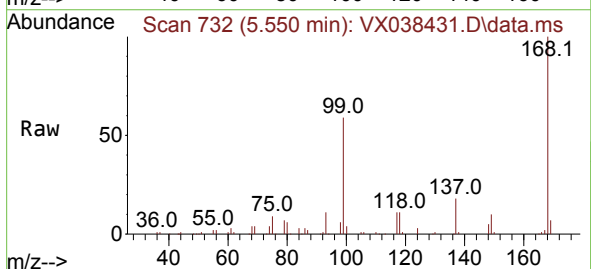
Instrument :
MSVOA_X
ClientSampleId :

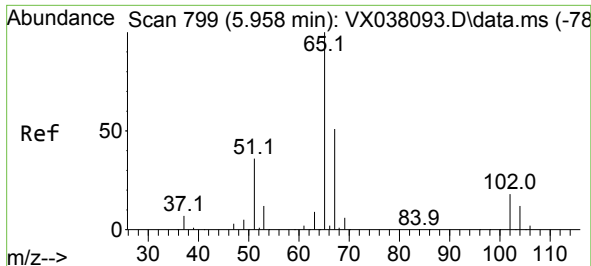
Tgt Ion: 83 Resp: 13743
Ion Ratio Lower Upper
83 100
85 65.2 50.3 75.5



#31
Cyclohexane
Concen: 1.362 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

Tgt Ion: 56 Resp: 3108
Ion Ratio Lower Upper
56 100
69 161.2 23.4 35.2#
84 128.6 65.9 98.9#

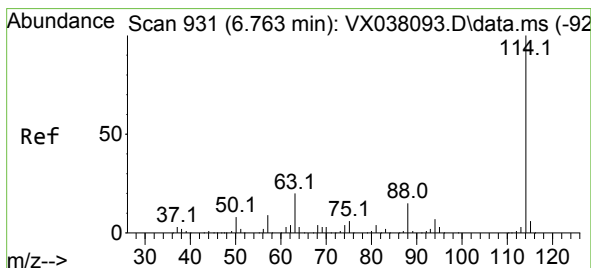
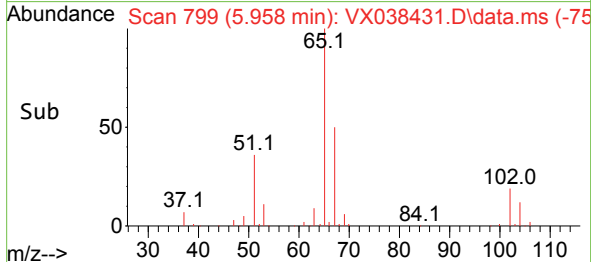
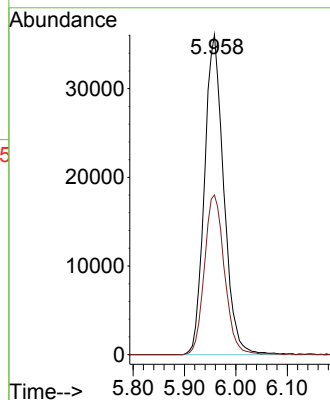
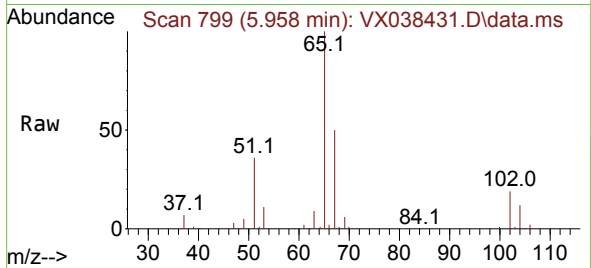




#33
 1,2-Dichloroethane-d4
 Concen: 44.595 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038431.D
 Acq: 23 Oct 2023 14:41

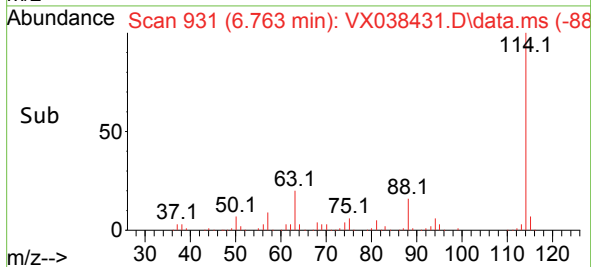
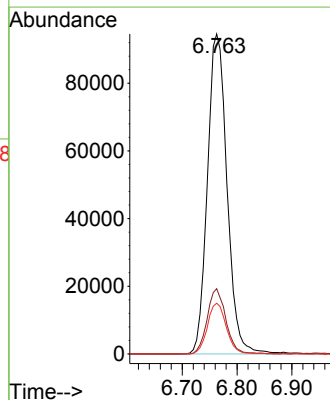
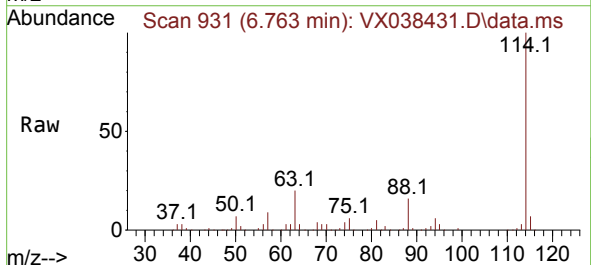
Instrument :
 MSVOA_X
 ClientSampleId :

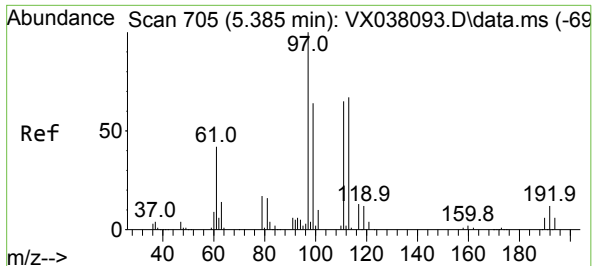
Tgt Ion: 65 Resp: 93895
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038431.D
 Acq: 23 Oct 2023 14:41

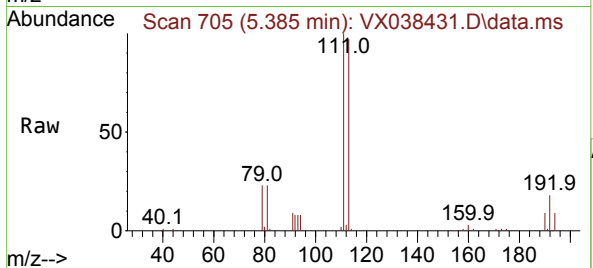
Tgt Ion:114 Resp: 234457
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.0
 88 15.8 0.0 36.6



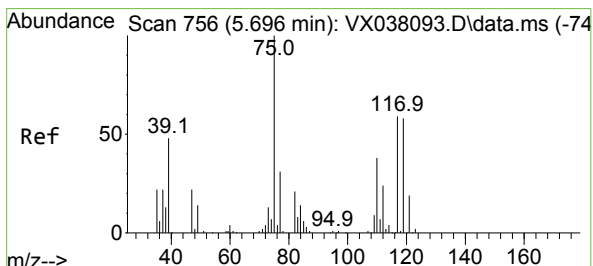
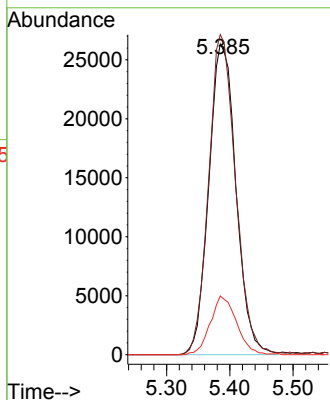
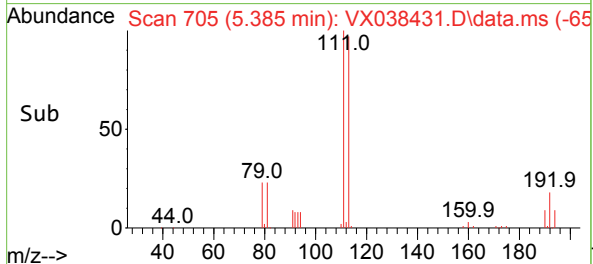


#35
Dibromofluoromethane
Concen: 46.480 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :

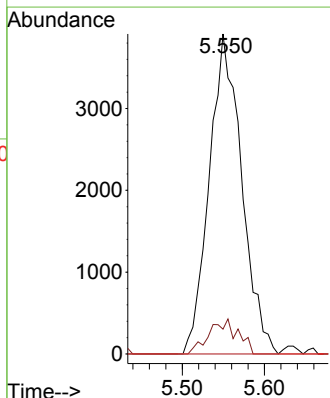
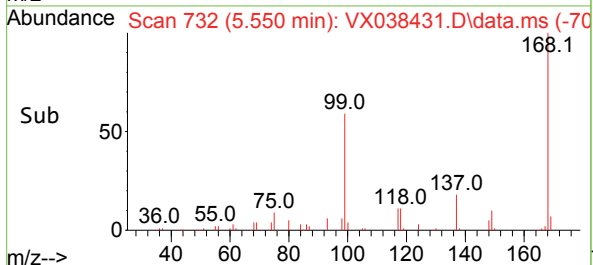
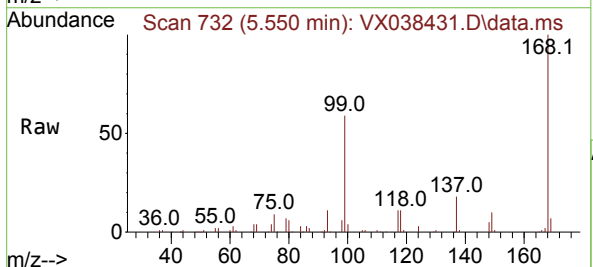


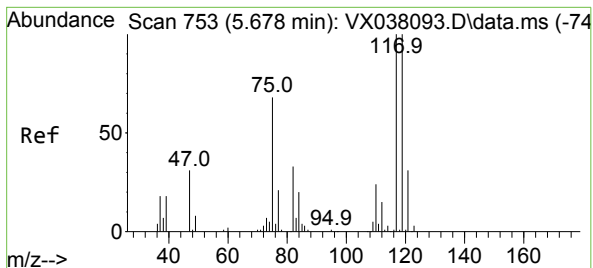
Tgt Ion:113 Resp: 78523
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.594 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

Tgt Ion: 75 Resp: 10703
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.926 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

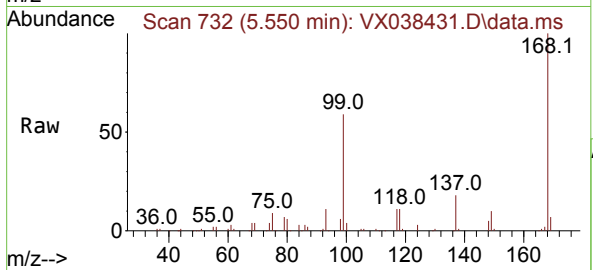
Lab File: VX038431.D

Acq: 23 Oct 2023 14:41

Instrument :

MSVOA_X

ClientSampleId :



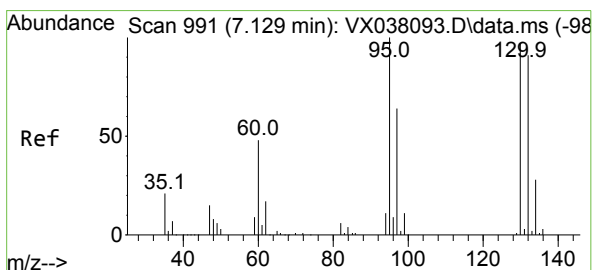
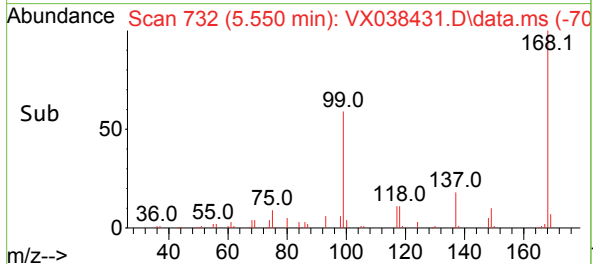
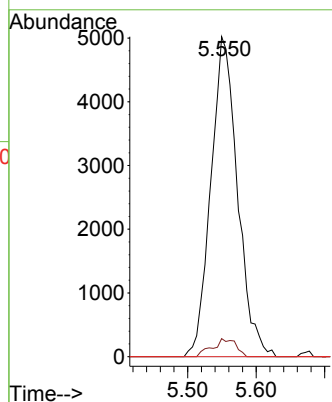
Tgt Ion:117 Resp: 13582

Ion Ratio Lower Upper

117 100

119 5.6 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 2.834 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX038431.D

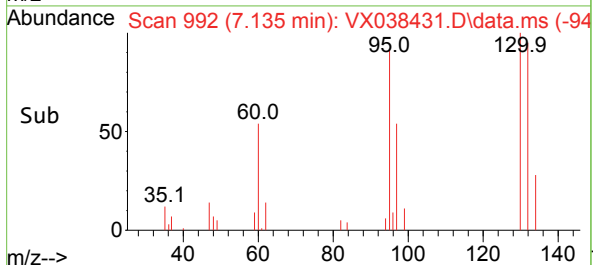
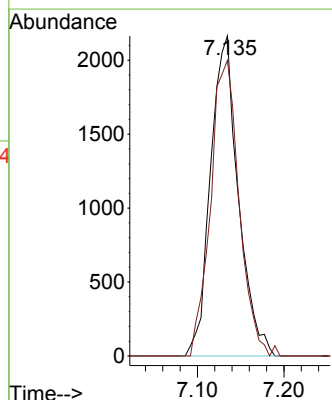
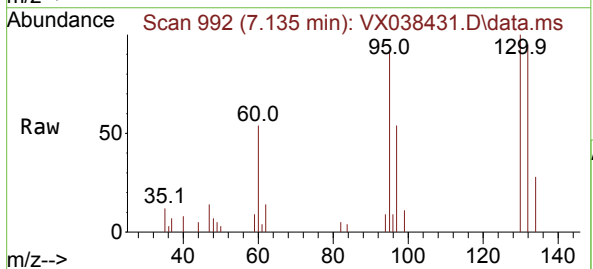
Acq: 23 Oct 2023 14:41

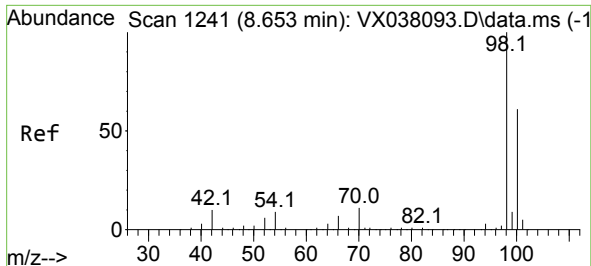
Tgt Ion:130 Resp: 4830

Ion Ratio Lower Upper

130 100

95 92.3 0.0 204.4

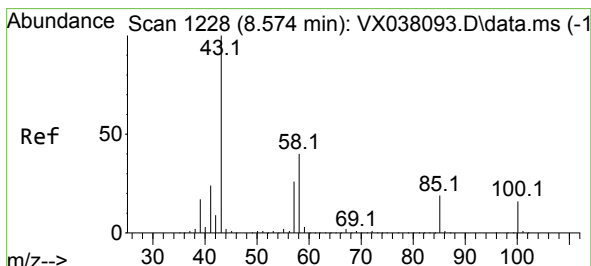
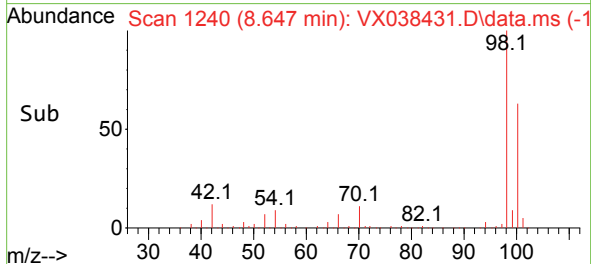
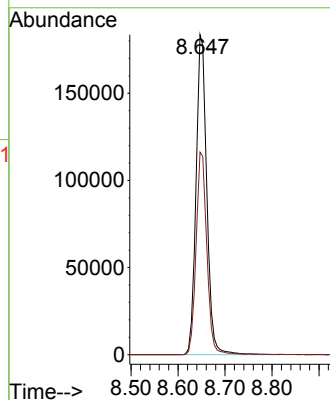
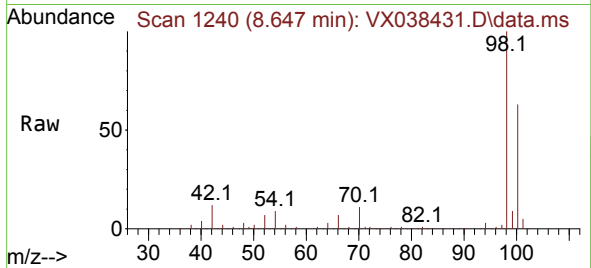




#50
Toluene-d8
Concen: 45.405 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

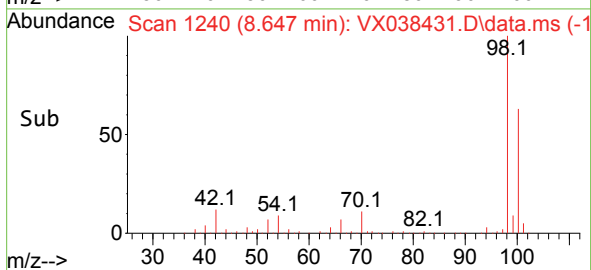
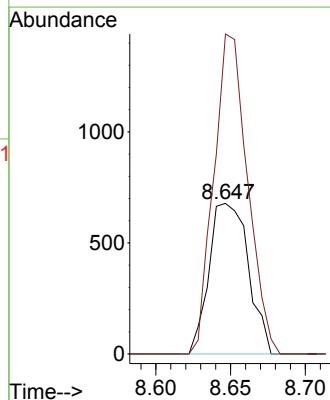
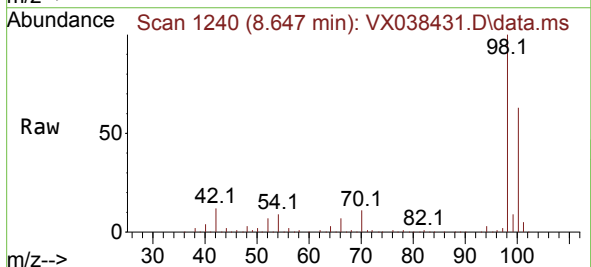
Instrument :
MSVOA_X
ClientSampleId :

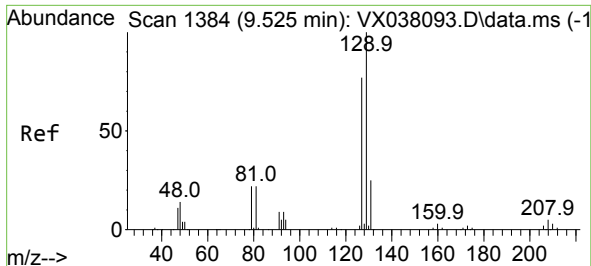
Tgt Ion: 98 Resp: 293117
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 182.7 30.4 45.6#

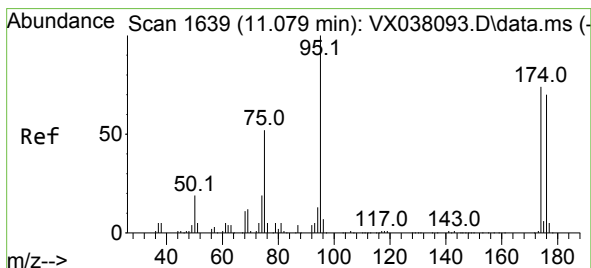
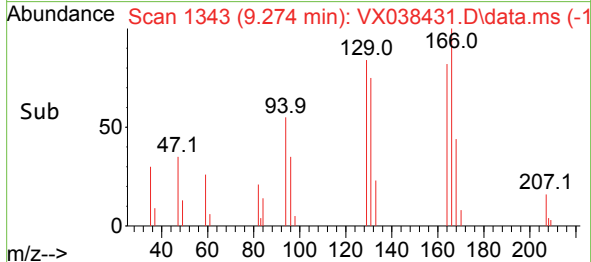
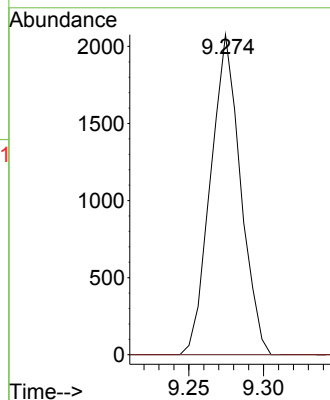
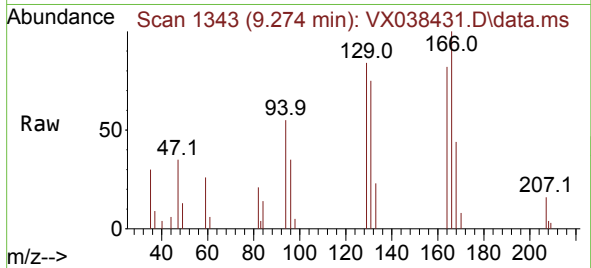




#60
Dibromochloromethane
Concen: 1.629 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.251 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

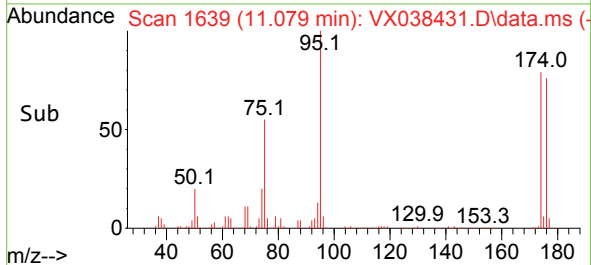
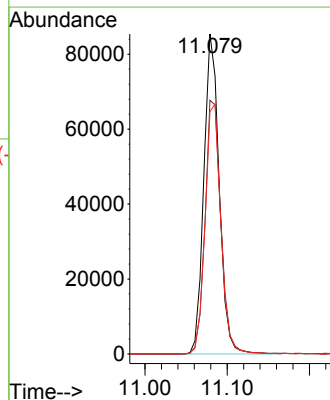
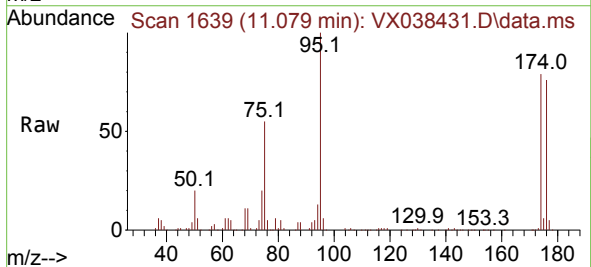
Instrument :
MSVOA_X
ClientSampleId :

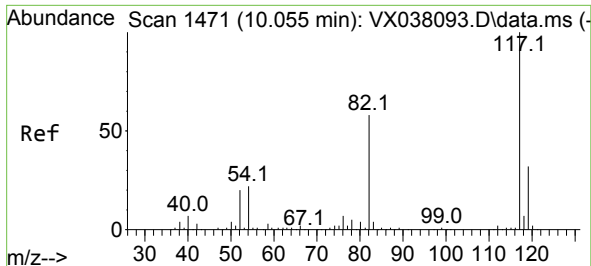
Tgt Ion:129 Resp: 2894
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

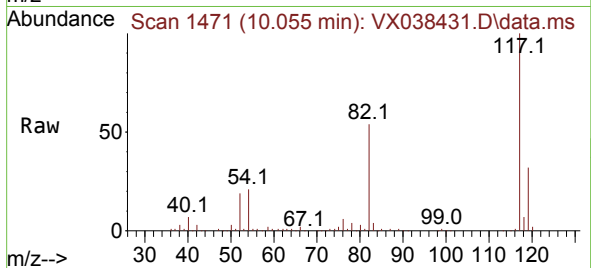
Tgt Ion: 95 Resp: 110713
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 80.2 0.0 131.0



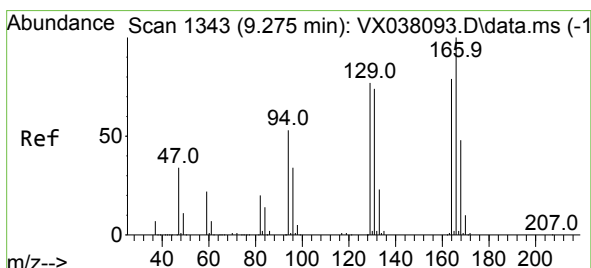
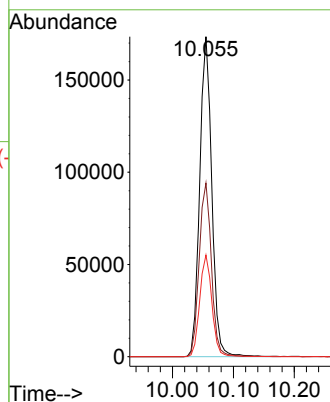
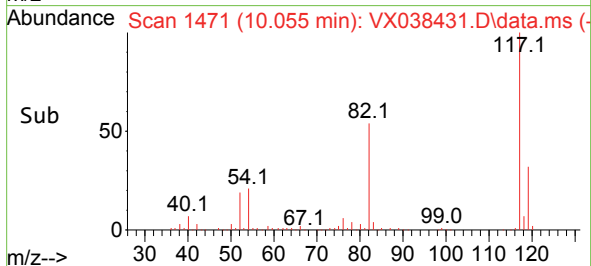


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

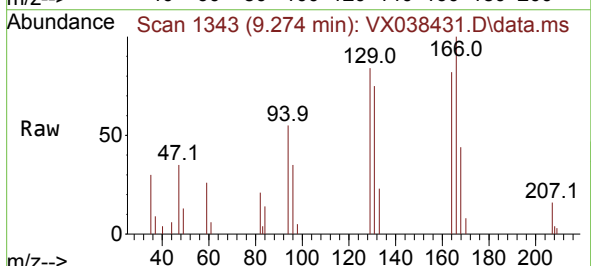
Instrument :
MSVOA_X
ClientSampleId :



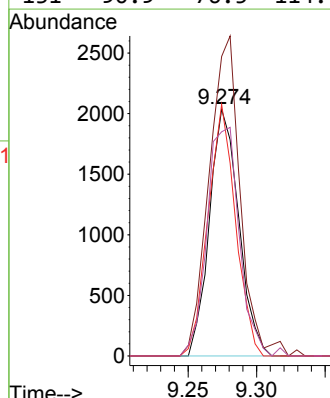
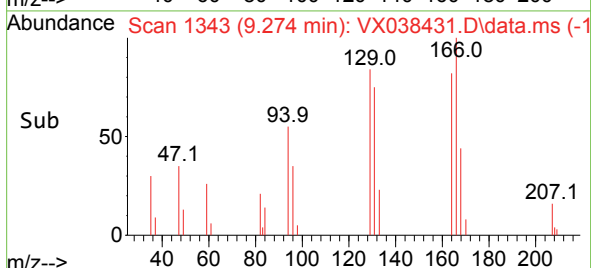
Tgt Ion:117 Resp: 238012
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.8 25.5 38.3

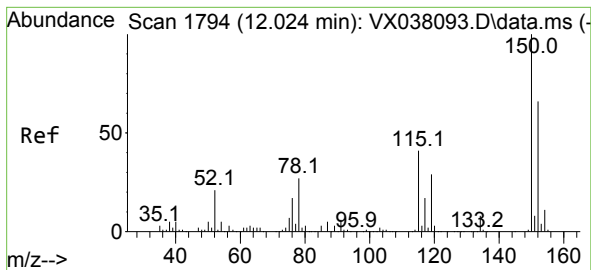


#64
Tetrachloroethene
Concen: 1.966 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41



Tgt Ion:164 Resp: 3029
Ion Ratio Lower Upper
164 100
166 121.4 102.7 154.1
129 102.0 80.4 120.6
131 90.9 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038431.D

Acq: 23 Oct 2023 14:41

Instrument :

MSVOA_X

ClientSampleId :

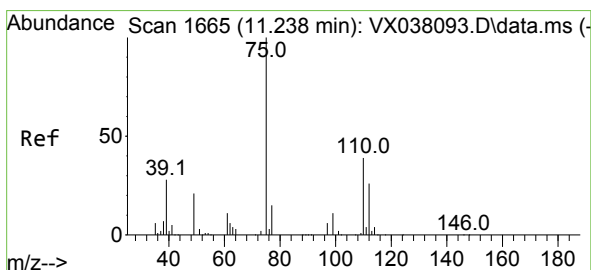
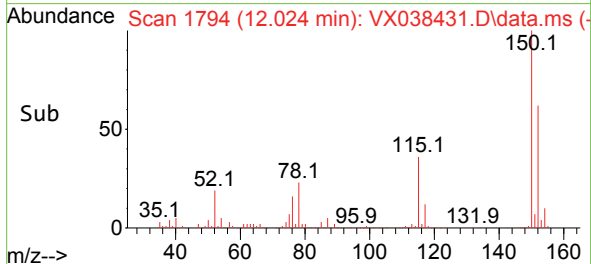
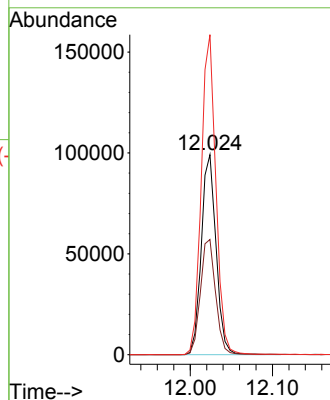
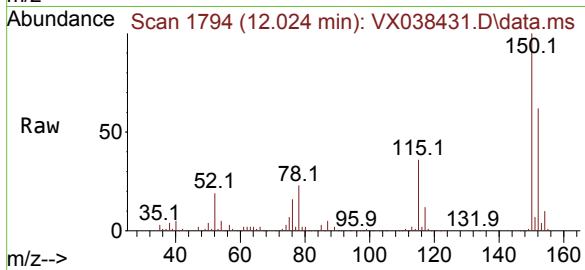
Tgt Ion:152 Resp: 123650

Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 159.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.337 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038431.D

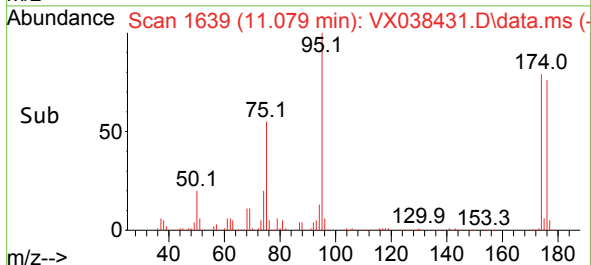
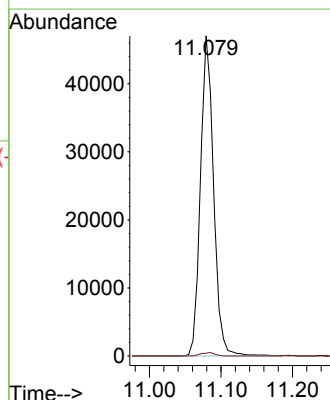
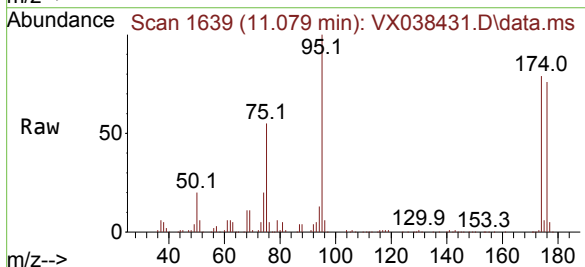
Acq: 23 Oct 2023 14:41

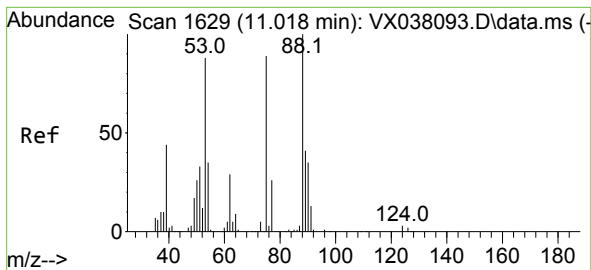
Tgt Ion: 75 Resp: 59979

Ion Ratio Lower Upper

75 100

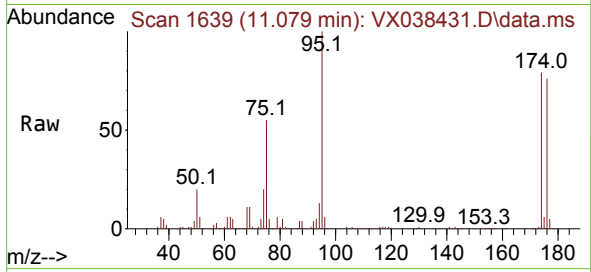
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.310 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038431.D
 Acq: 23 Oct 2023 14:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 59979
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

