

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038126.D
 Acq On : 06 Oct 2023 13:24
 Operator : JC/MD
 Sample : 04704-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-4

Quant Time: Oct 07 04:19:27 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)

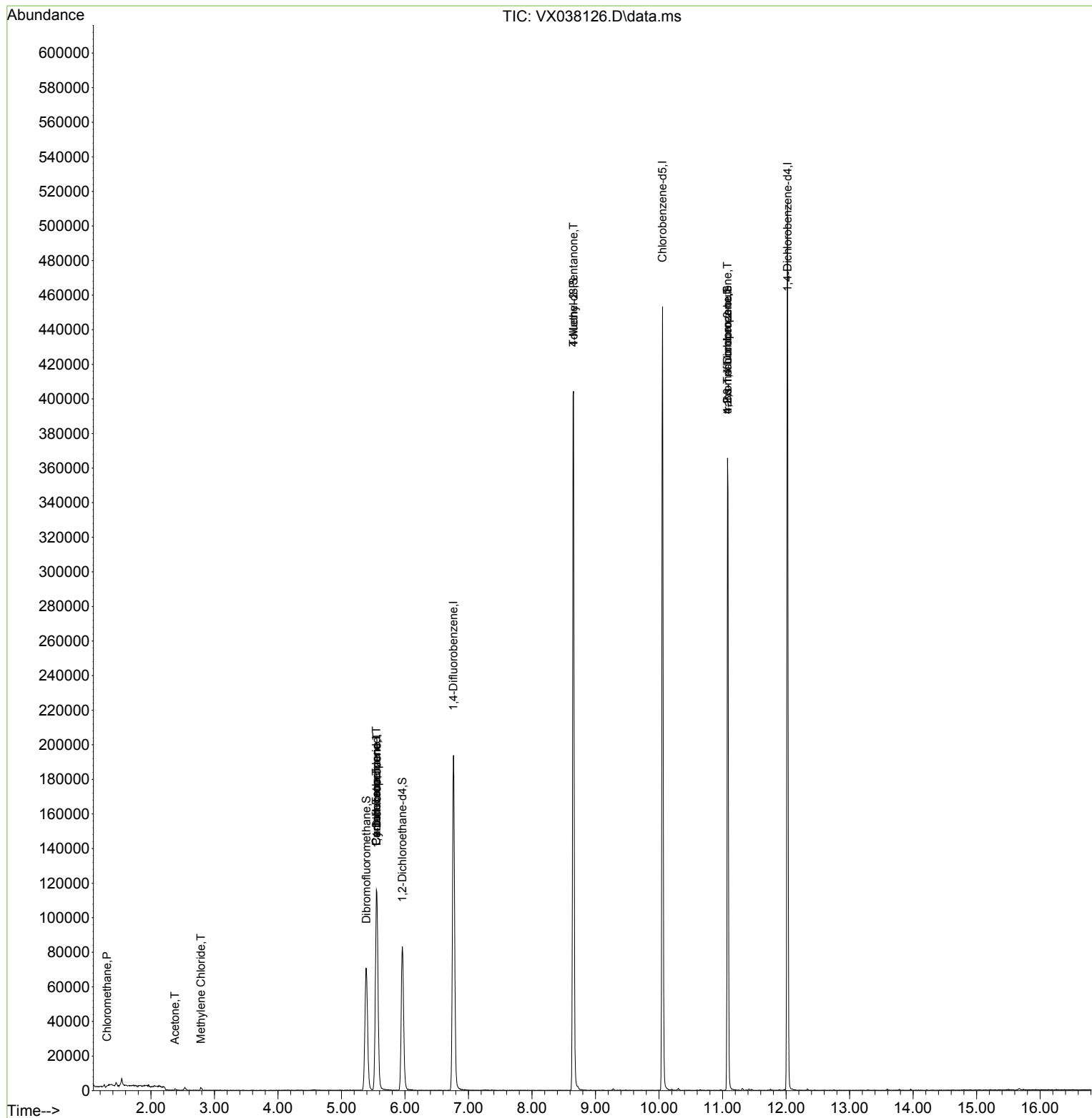
Internal Standards						
1) Pentafluorobenzene	5.550	168	108319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195912	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80161	46.010	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.020%
35) Dibromofluoromethane	5.391	113	61438	43.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.040%
50) Toluene-d8	8.653	98	245575	45.525	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.040%#
62) 4-Bromofluorobenzene	11.079	95	95004	46.456	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	334	0.313	ug/l #	83
5) Bromomethane	1.544	94	63	Below Cal	#	3
6) Chloroethane	1.678	64	112	Below Cal	#	43
16) Acetone	2.380	43	729	1.003	ug/l	96
20) Methylene Chloride	2.788	84	660	0.483	ug/l #	81
31) Cyclohexane	5.550	56	2688	1.424	ug/l #	17
36) 1,1-Dichloropropene	5.556	75	9328	4.792	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11695	6.107	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1036	0.435	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52373	22.653	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52373	64.842	ug/l #	5

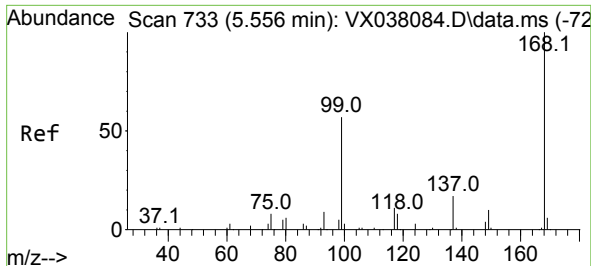
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 07 04:19:27 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

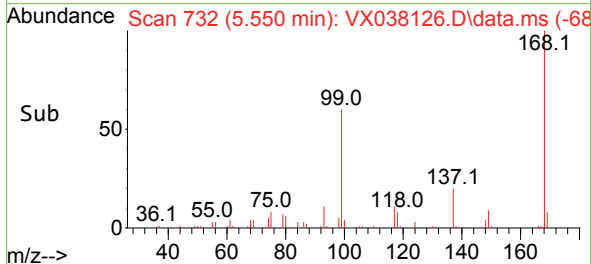
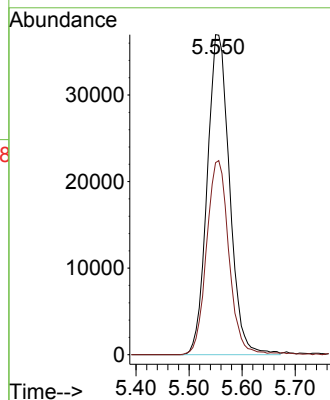
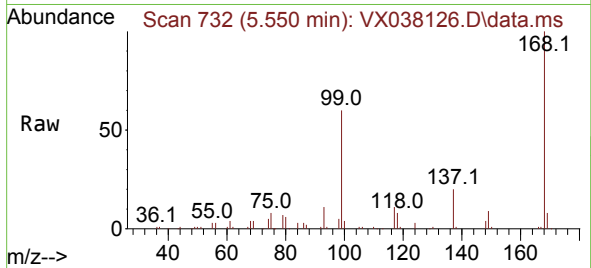




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

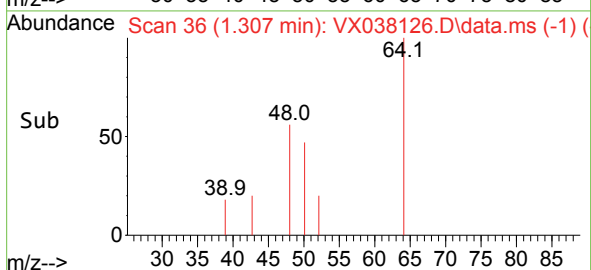
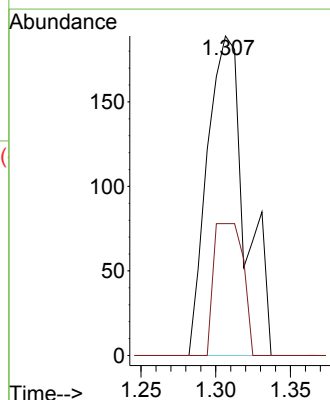
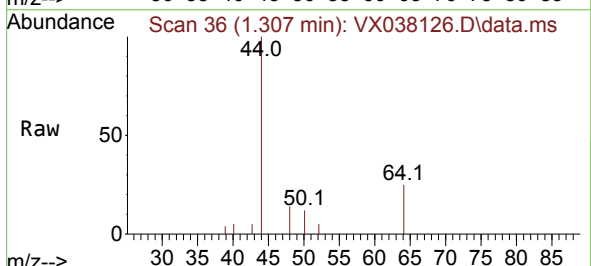
Instrument :
MSVOA_X
ClientSampleId :
TB-4

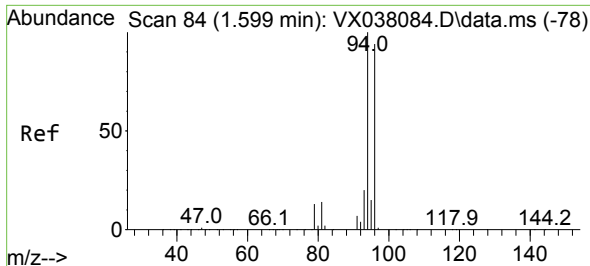
Tgt Ion:168 Resp: 108319
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#3
Chloromethane
Concen: 0.313 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

Tgt Ion: 50 Resp: 334
Ion Ratio Lower Upper
50 100
52 41.3 25.5 38.3#

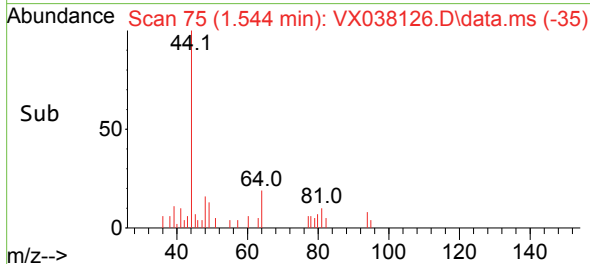
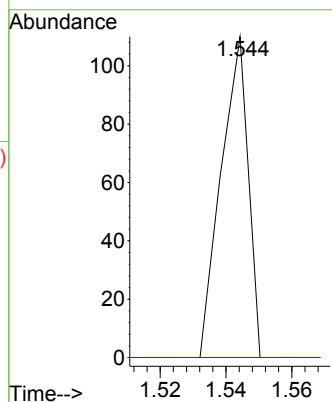
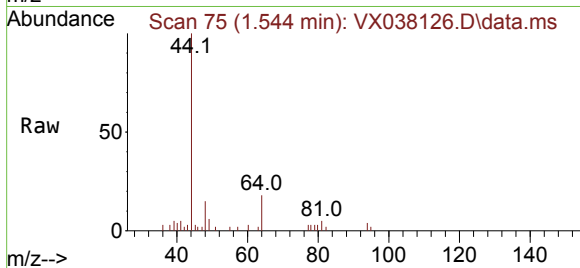




#5
Bromomethane
Concen: Below Cal
RT: 1.544 min Scan# 71
Delta R.T. -0.055 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

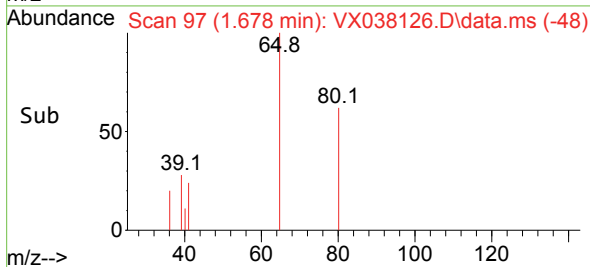
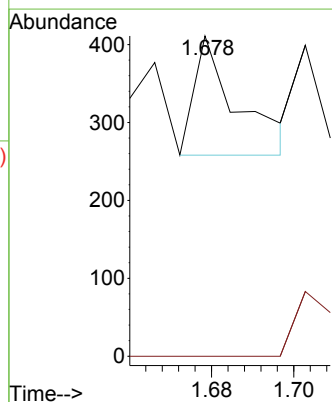
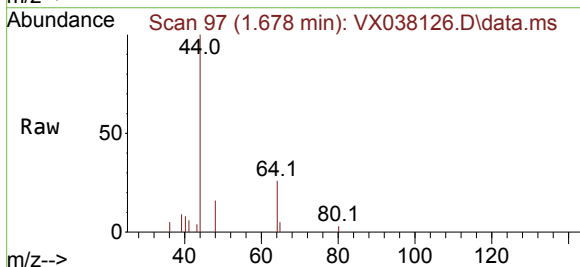
Instrument :
MSVOA_X
ClientSampleId :
TB-4

Tgt Ion: 94 Resp: 63
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

Tgt Ion: 64 Resp: 112
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#16

Acetone

Concen: 1.003 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038126.D

Acq: 06 Oct 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

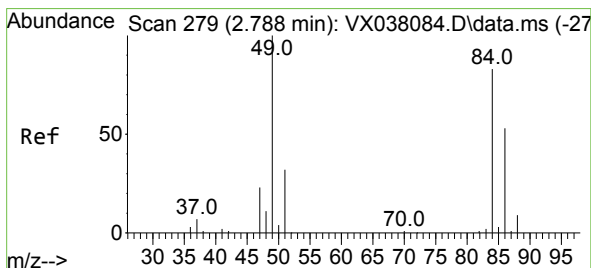
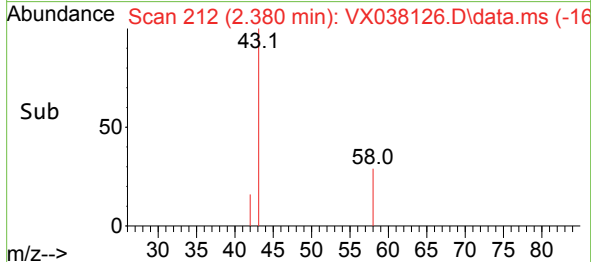
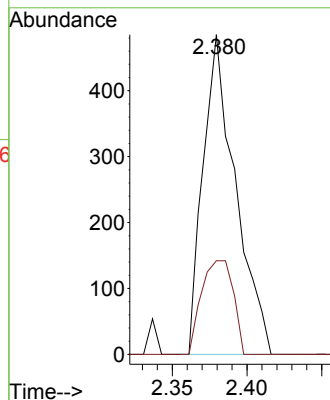
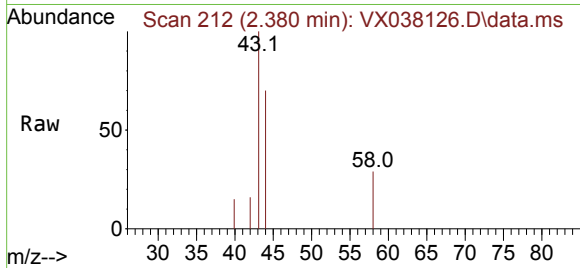
TB-4

Tgt Ion: 43 Resp: 729

Ion Ratio Lower Upper

43 100

58 29.3 21.9 32.9



#20

Methylene Chloride

Concen: 0.483 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038126.D

Acq: 06 Oct 2023 13:24

Tgt Ion: 84 Resp: 660

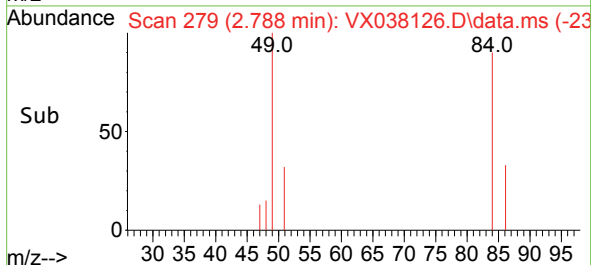
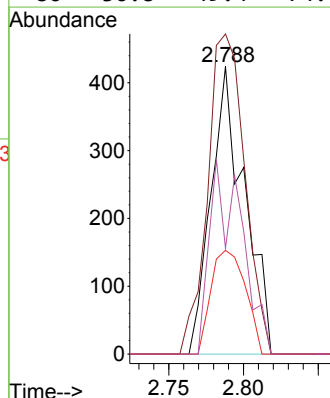
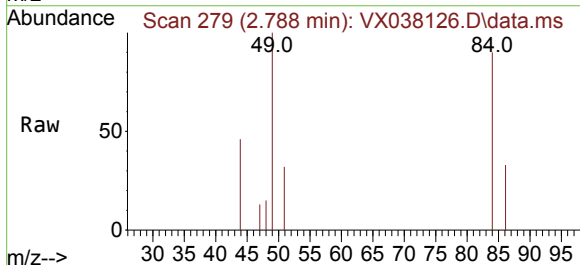
Ion Ratio Lower Upper

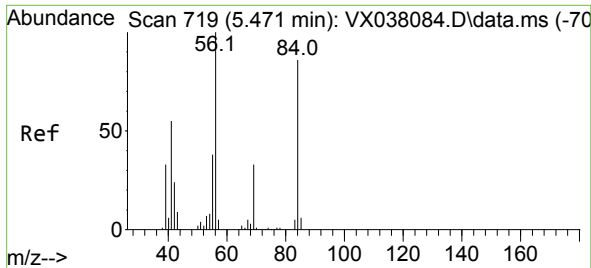
84 100

49 111.3 103.6 155.4

51 36.1 33.8 50.6

86 36.8 49.4 74.0#

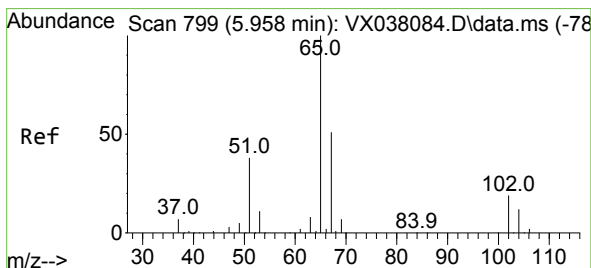
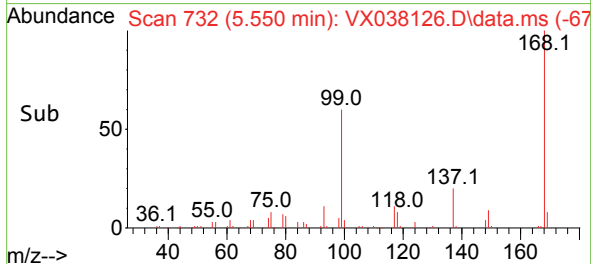
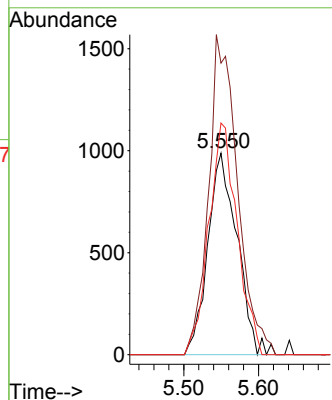
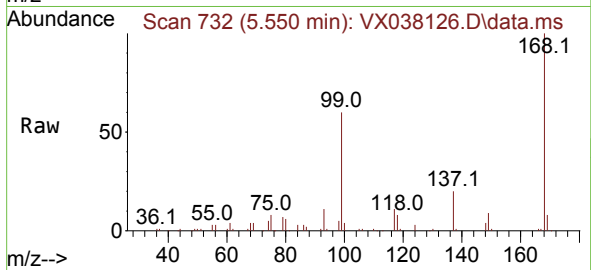




#31
Cyclohexane
Concen: 1.424 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

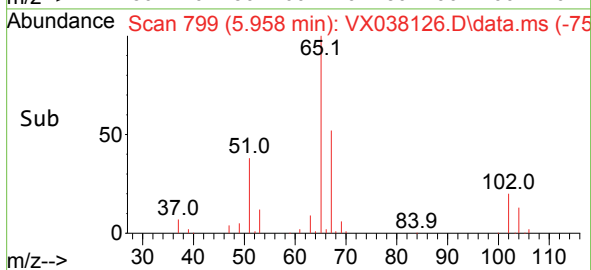
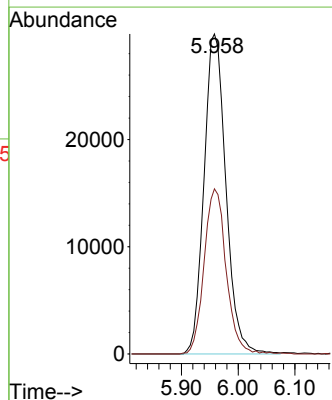
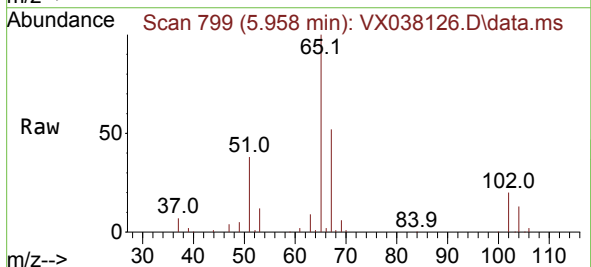
Instrument :
MSVOA_X
ClientSampleId :
TB-4

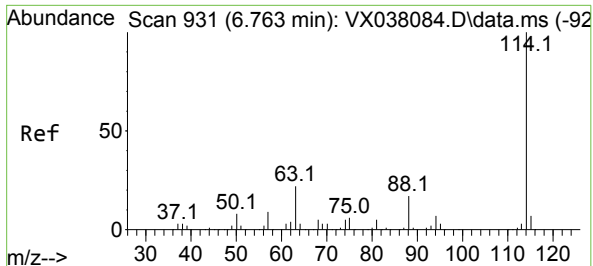
Tgt Ion: 56 Resp: 2688
Ion Ratio Lower Upper
56 100
69 144.6 23.4 35.2#
84 115.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.010 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

Tgt Ion: 65 Resp: 80161
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

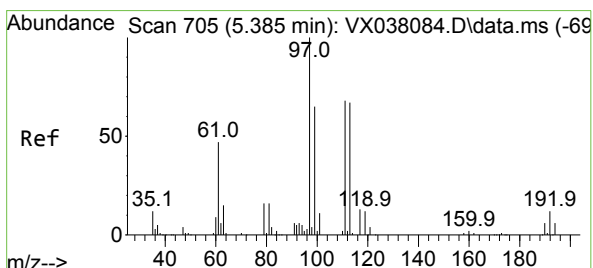
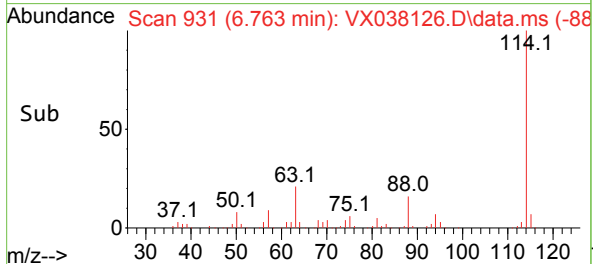
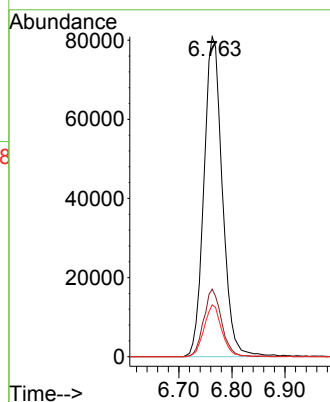
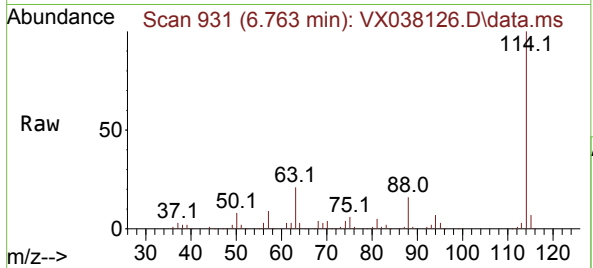




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

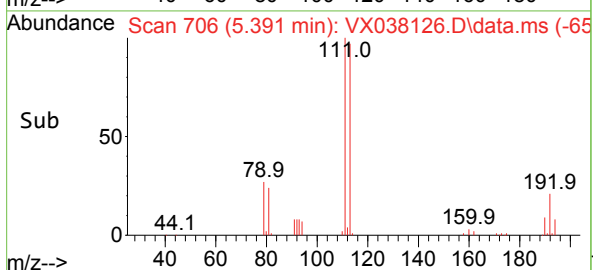
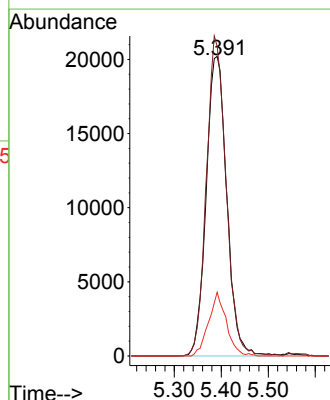
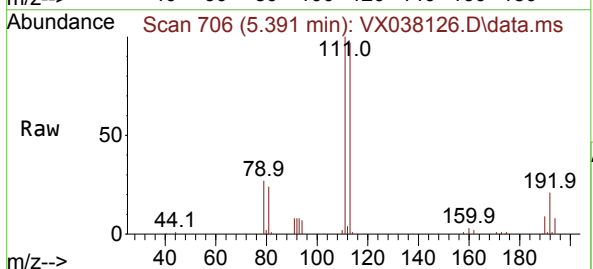
Instrument :
MSVOA_X
ClientSampleId :
TB-4

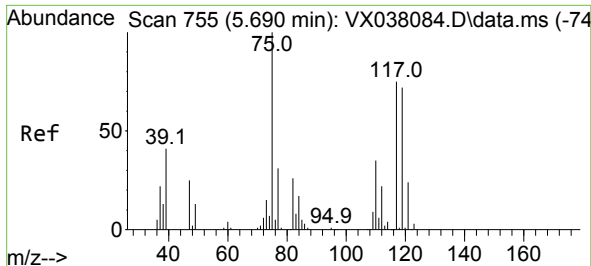
Tgt Ion:114 Resp: 195912
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.522 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

Tgt Ion:113 Resp: 61438
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.4 13.3 19.9

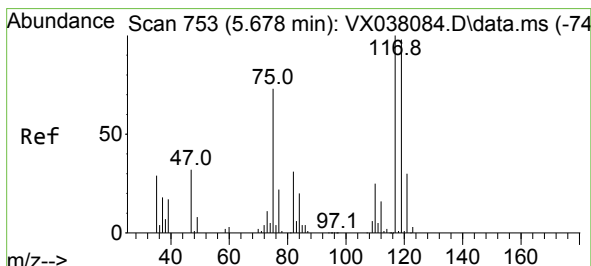
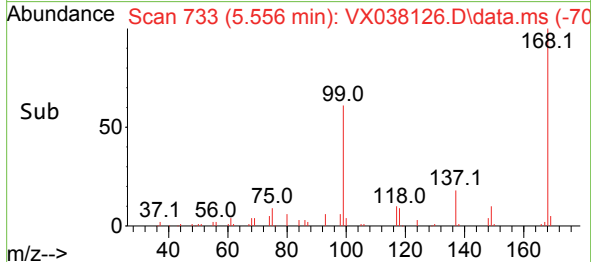
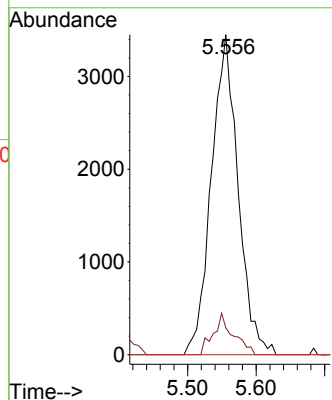
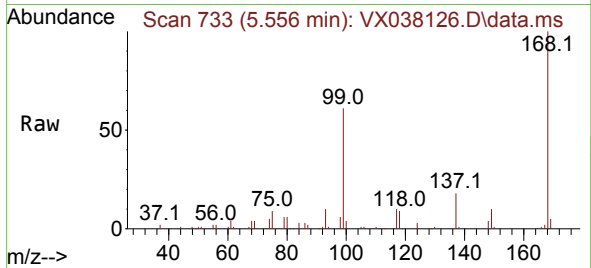




#36
1,1-Dichloropropene
Concen: 4.792 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

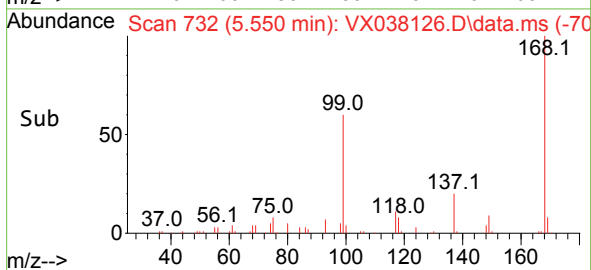
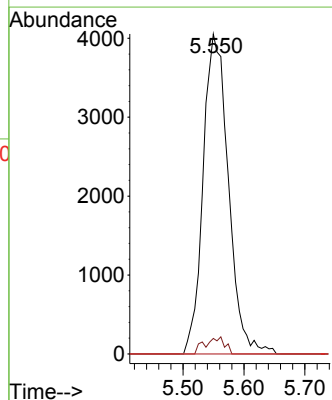
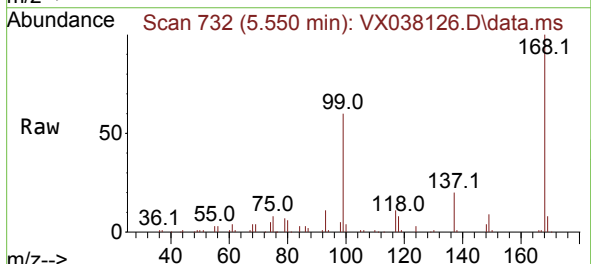
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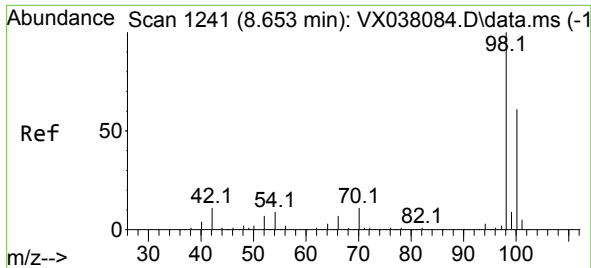
Tgt Ion: 75 Resp: 9328
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.107 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

Tgt Ion: 117 Resp: 11695
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

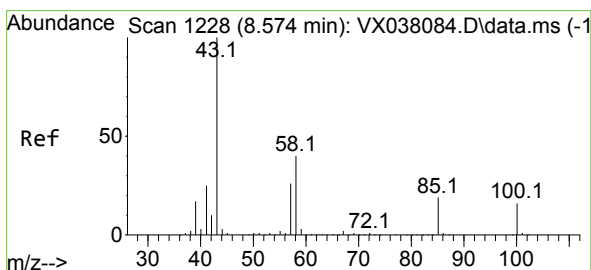
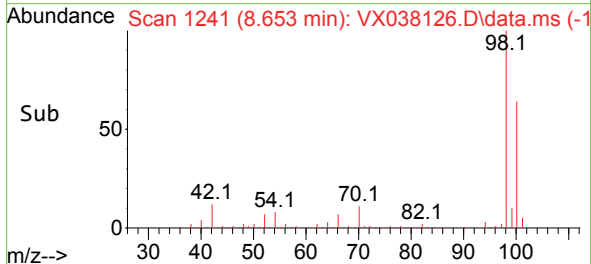
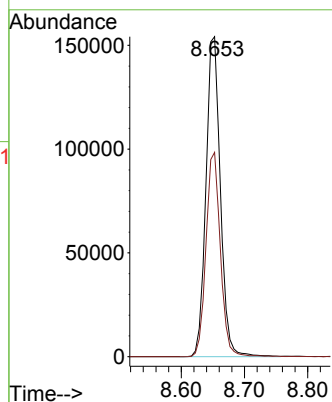
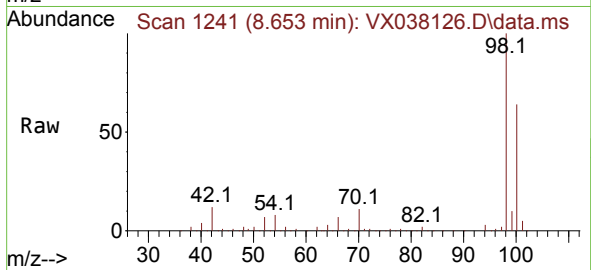




#50
Toluene-d8
Concen: 45.525 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

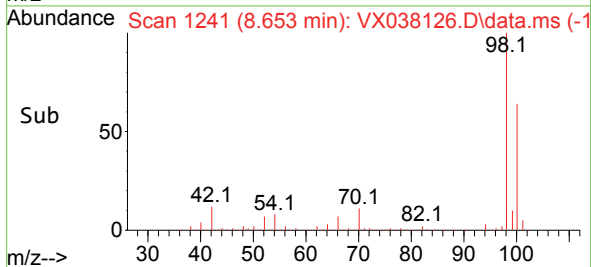
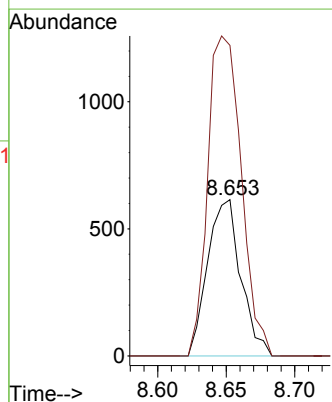
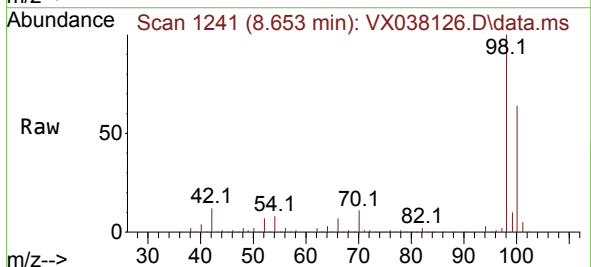
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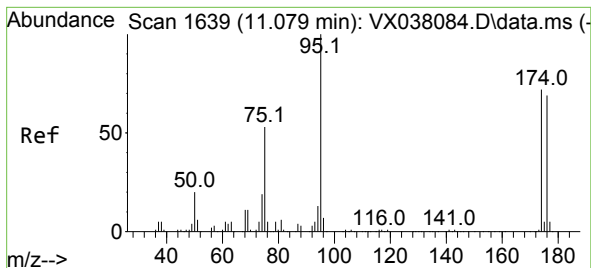
Tgt Ion: 98 Resp: 245575
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 207.2 30.4 45.6#

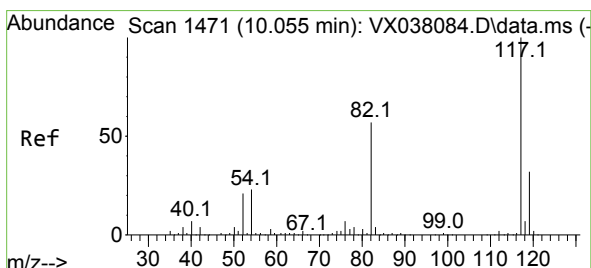
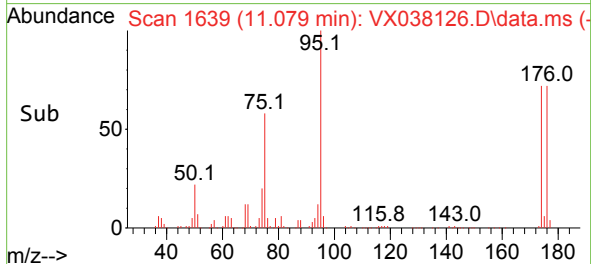
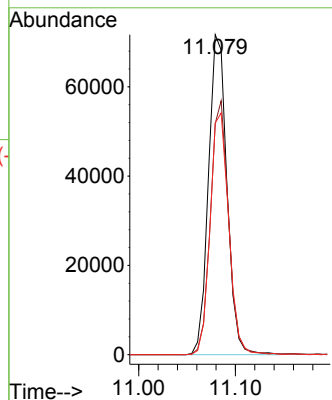
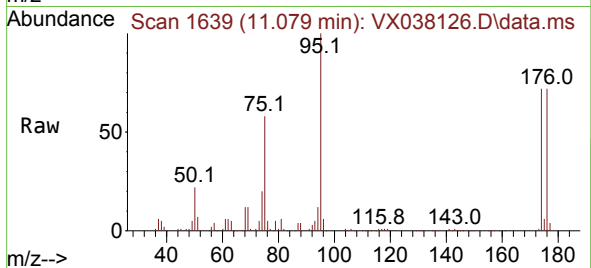




#62
4-Bromofluorobenzene
Concen: 46.456 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

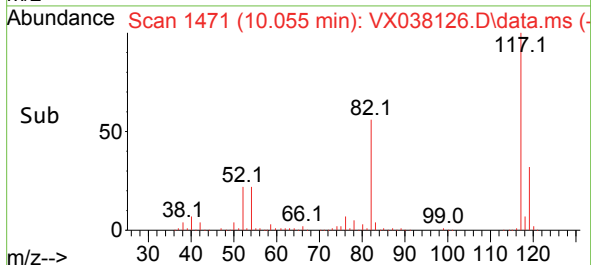
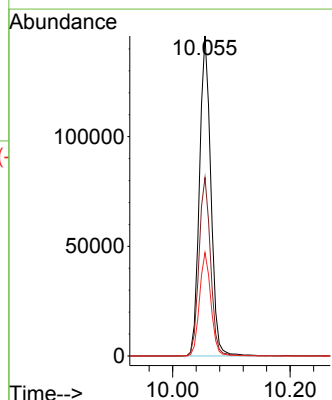
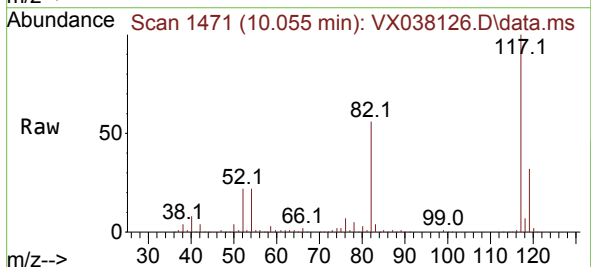
Instrument :
MSVOA_X
ClientSampleId :
TB-4

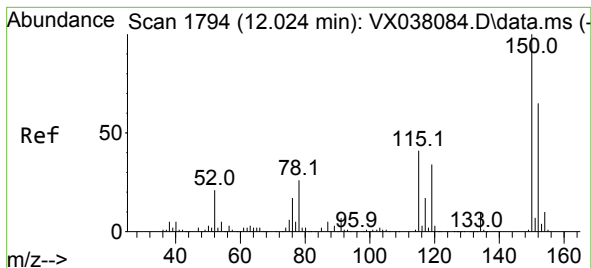
Tgt Ion: 95 Resp: 95004
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 76.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038126.D
Acq: 06 Oct 2023 13:24

Tgt Ion: 117 Resp: 196436
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.3 25.5 38.3

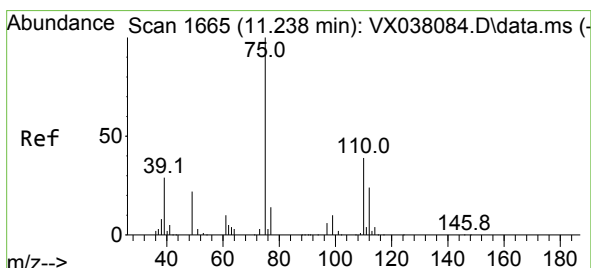
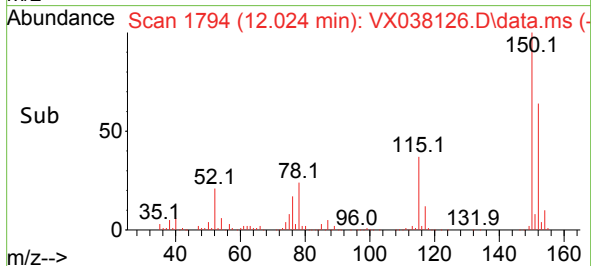
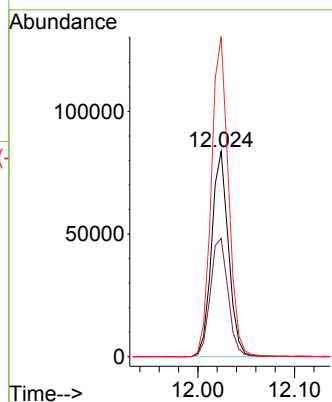
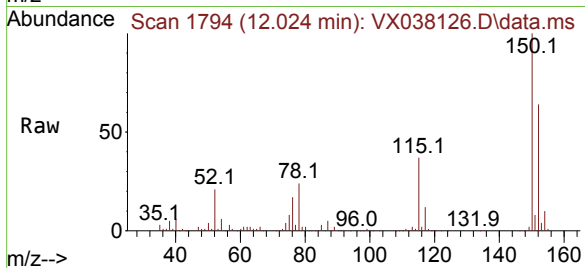




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038126.D
 Acq: 06 Oct 2023 13:24

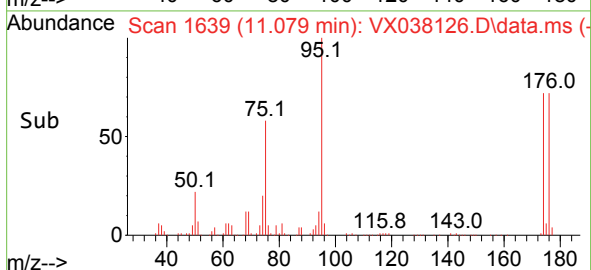
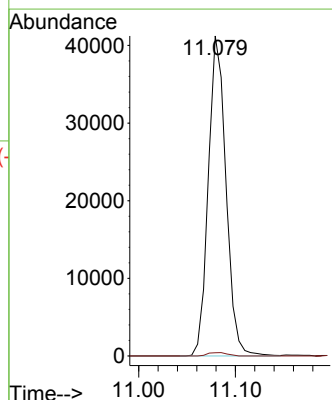
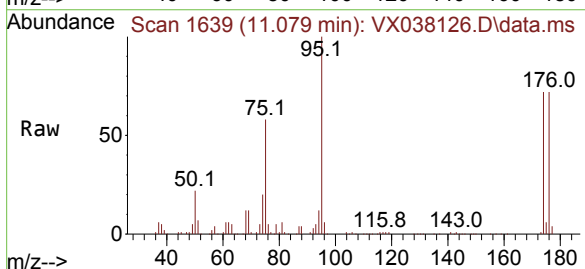
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-4

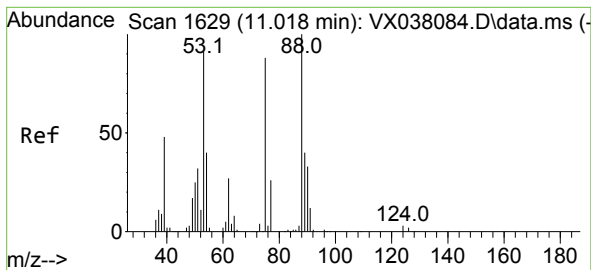
Tgt Ion:152 Resp: 101699
 Ion Ratio Lower Upper
 152 100
 115 60.7 43.3 129.9
 150 158.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.653 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038126.D
 Acq: 06 Oct 2023 13:24

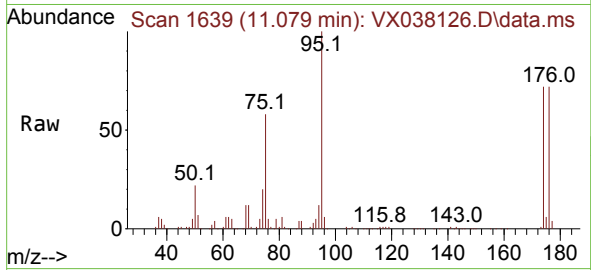
Tgt Ion: 75 Resp: 52373
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.842 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038126.D
 Acq: 06 Oct 2023 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-4



Tgt Ion: 75 Resp: 52373
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

