

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038403.D
 Acq On : 20 Oct 2023 15:30
 Operator : JC/MD
 Sample : 05003-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-102023

Quant Time: Oct 21 01:42:51 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)

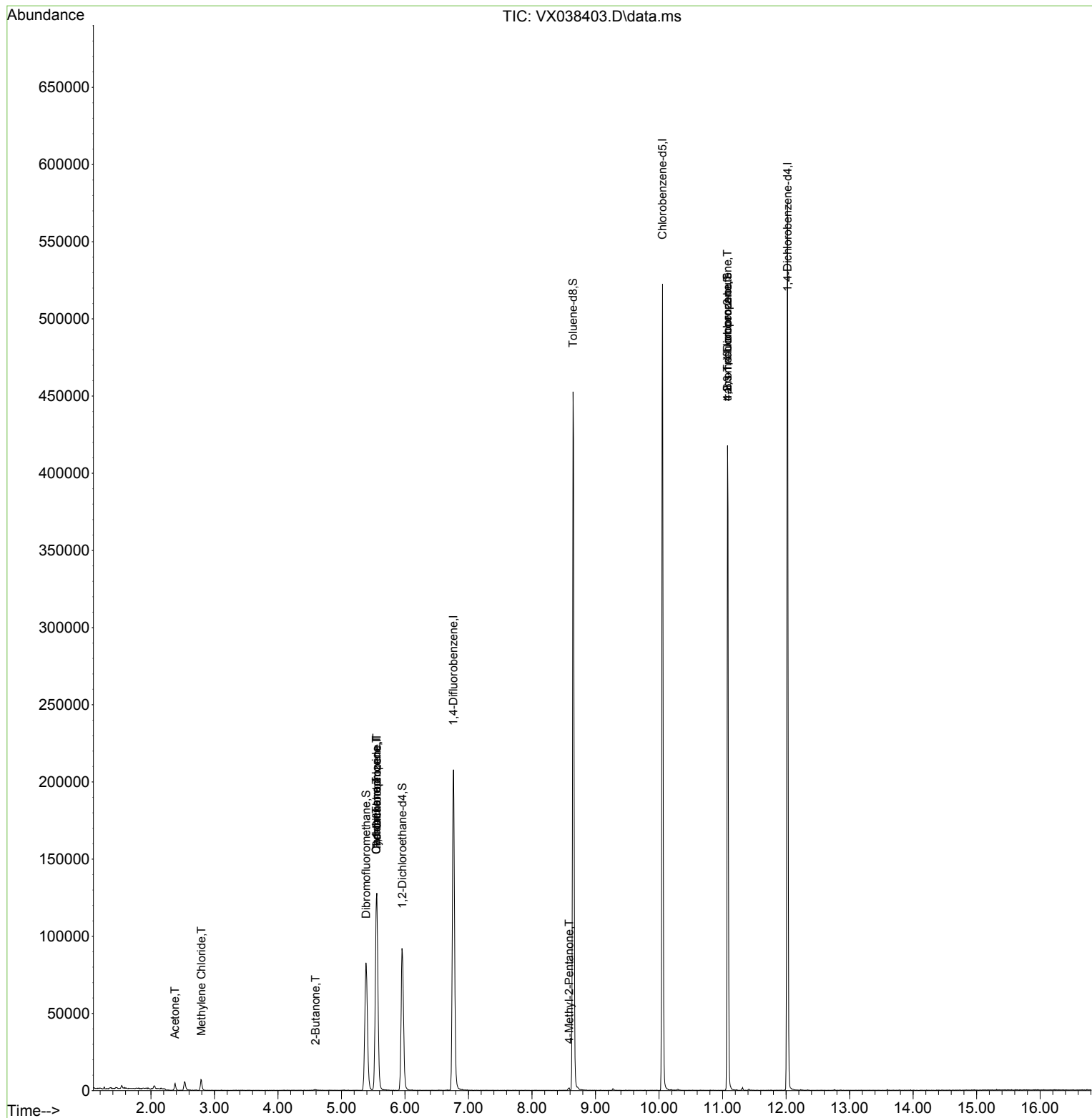
Internal Standards						
1) Pentafluorobenzene	5.556	168	121054	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	217574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86881	44.621	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.240%
35) Dibromofluoromethane	5.385	113	70251	44.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.620%
50) Toluene-d8	8.647	98	272528	45.491	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.980%#
62) 4-Bromofluorobenzene	11.079	95	105538	46.469	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	20	Below Cal	#	3
6) Chloroethane	1.874	64	22	Below Cal	#	43
16) Acetone	2.380	43	4512	5.552	ug/l #	87
20) Methylene Chloride	2.794	84	2999	1.962	ug/l #	89
25) 2-Butanone	4.593	43	798	0.609	ug/l #	51
31) Cyclohexane	5.550	56	2853	1.352	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	10071	4.658	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12684	5.964	ug/l #	16
51) 4-Methyl-2-Pentanone	8.586	43	980	0.371	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	58425	21.302	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58425	61.216	ug/l #	5

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

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EB-01-102023

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

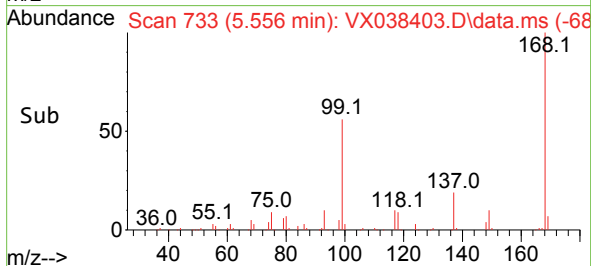
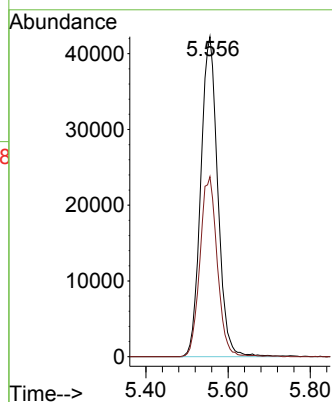
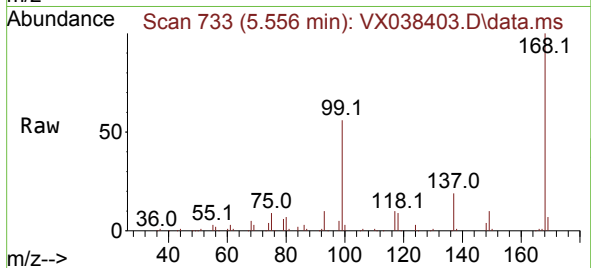




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

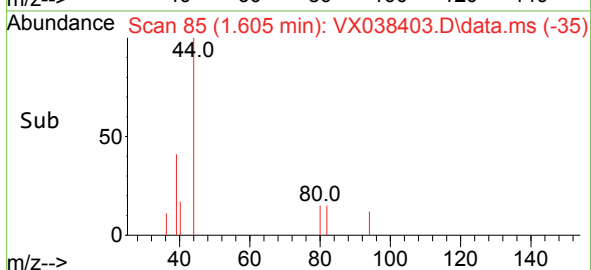
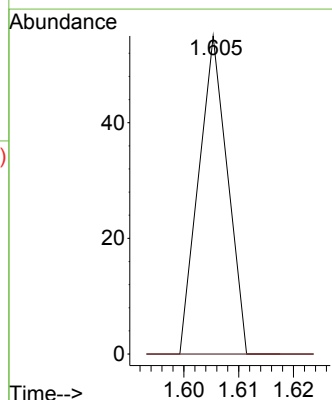
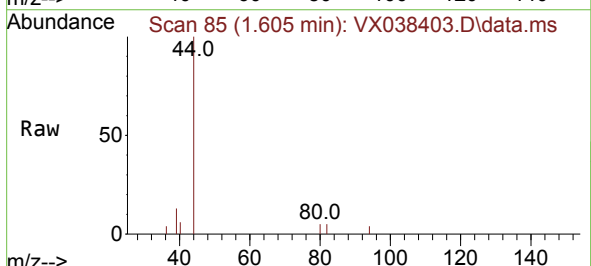
Instrument :
MSVOA_X
ClientSampleId :
EB-01-102023

Tgt Ion:168 Resp: 121054
Ion Ratio Lower Upper
168 100
99 56.3 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

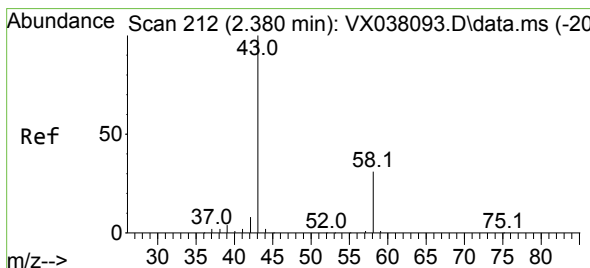
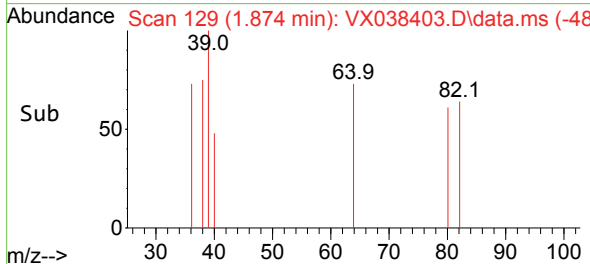
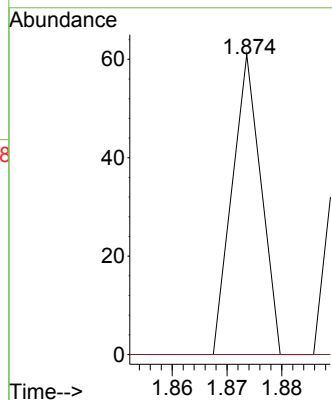
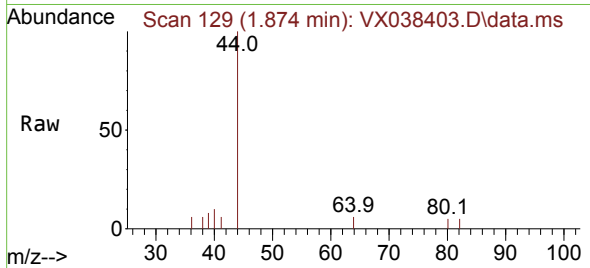




#6
Chloroethane
Concen: Below Cal
RT: 1.874 min Scan# 11
Delta R.T. 0.195 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

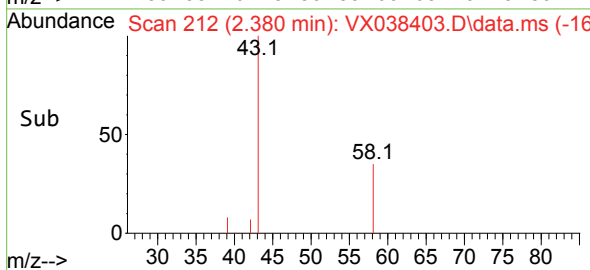
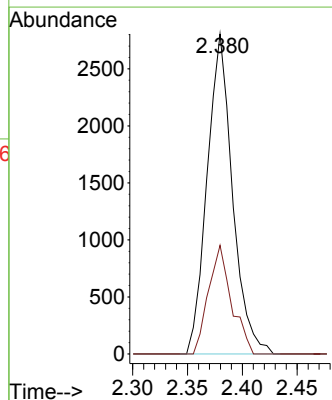
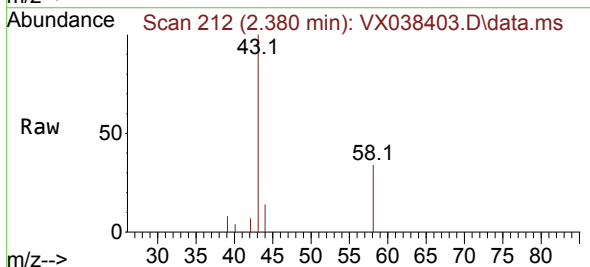
Instrument :
MSVOA_X
ClientSampleId :
EB-01-102023

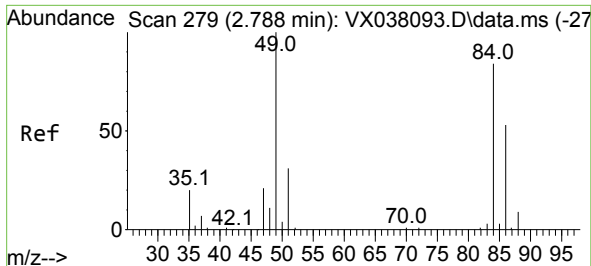
Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 5.552 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

Tgt Ion: 43 Resp: 4512
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#

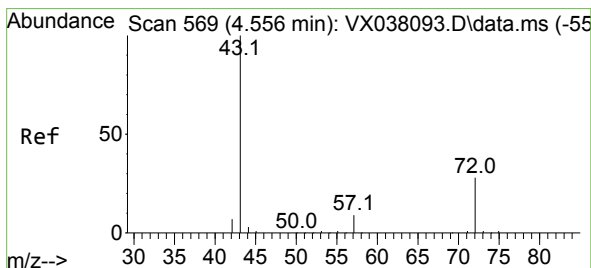
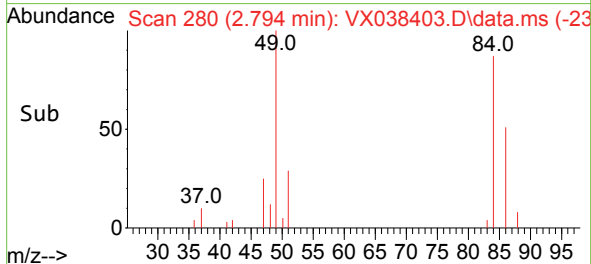
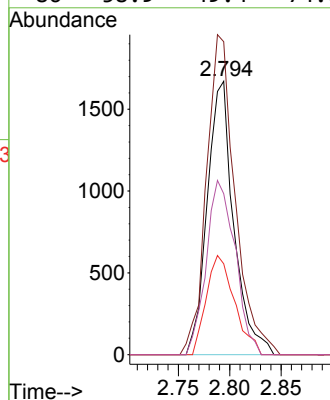
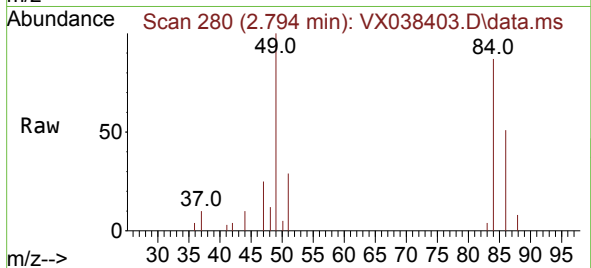




#20
Methylene Chloride
Concen: 1.962 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

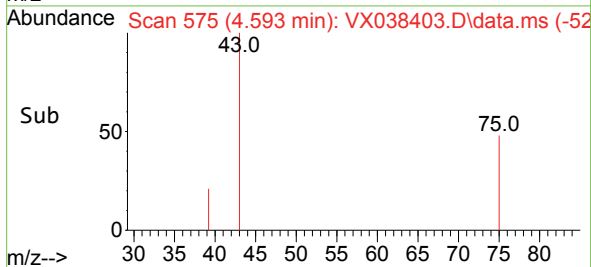
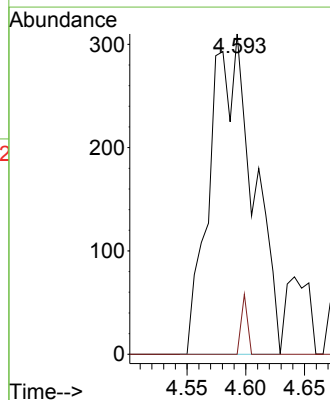
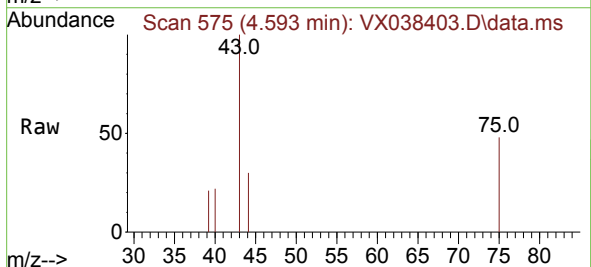
Instrument :
MSVOA_X
ClientSampleId :
EB-01-102023

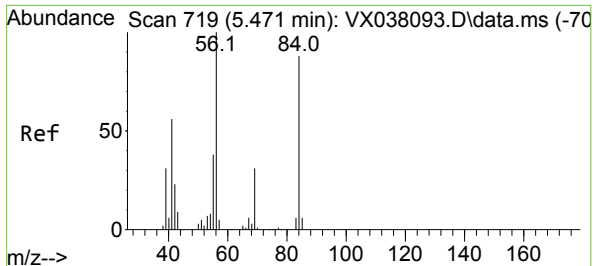
Tgt Ion: 84	Resp: 2999
Ion Ratio	Lower Upper
84 100	
49 114.5	103.6 155.4
51 33.2	33.8 50.6#
86 58.9	49.4 74.0



#25
2-Butanone
Concen: 0.609 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

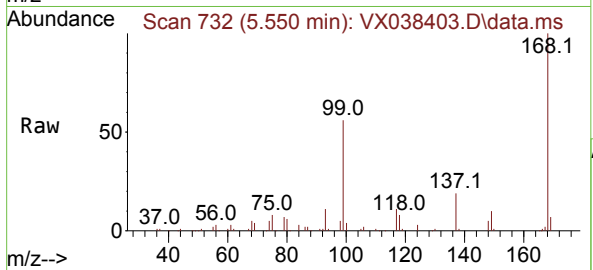
Tgt Ion: 43	Resp: 798		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	19.4	29.2#	



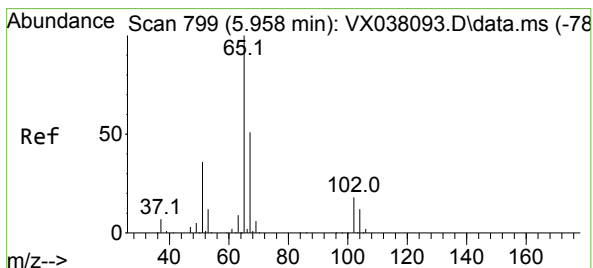
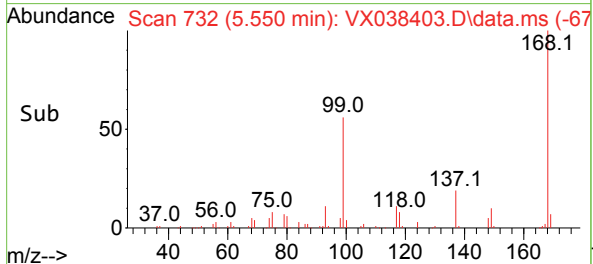
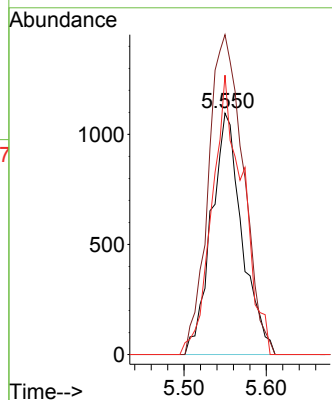


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
EB-01-102023

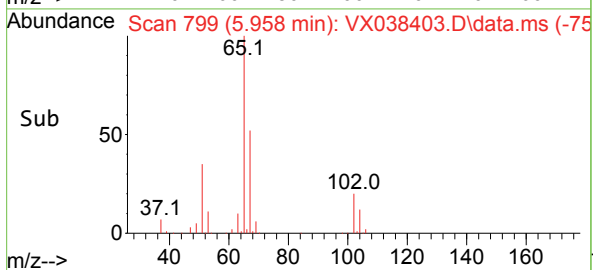
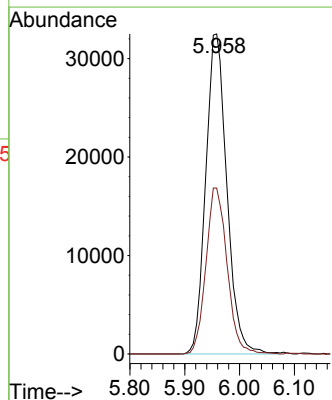
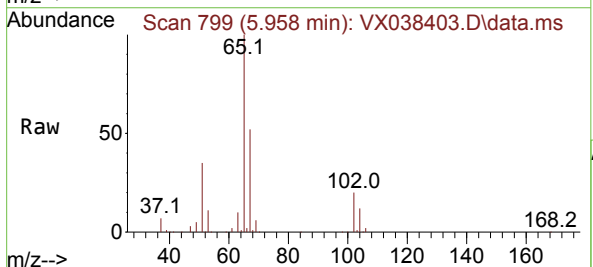


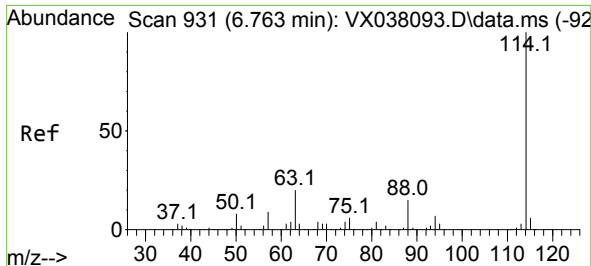
Tgt Ion: 56 Resp: 2853
Ion Ratio Lower Upper
56 100
69 132.6 23.4 35.2#
84 115.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.621 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

Tgt Ion: 65 Resp: 86881
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

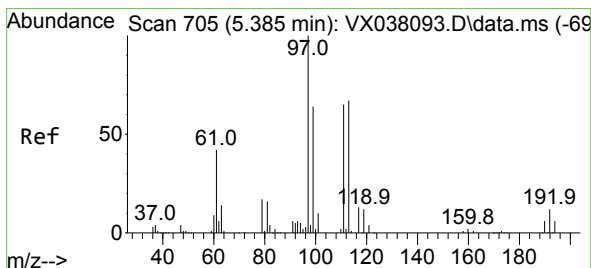
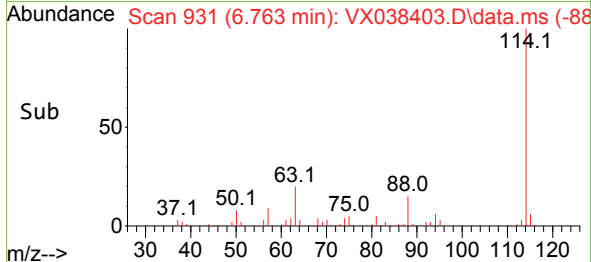
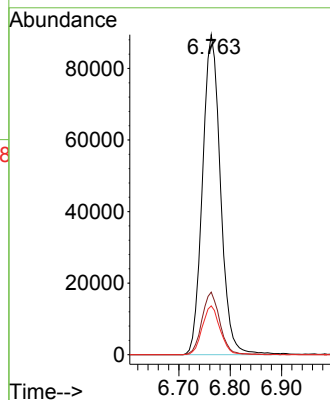
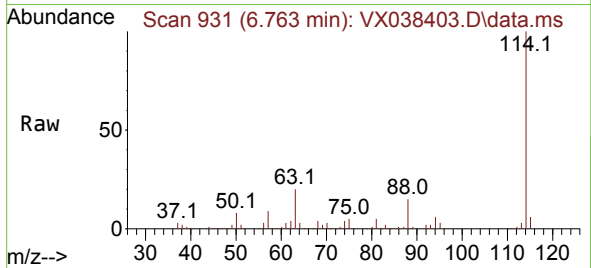




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

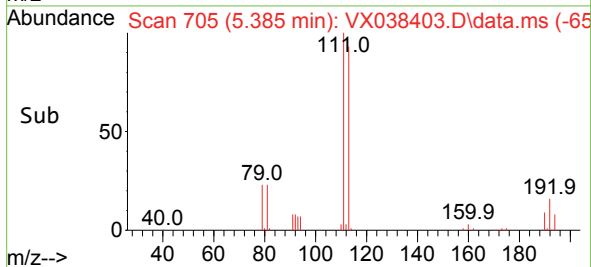
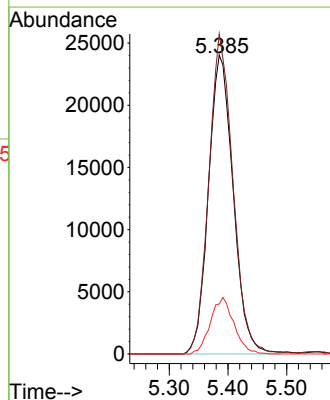
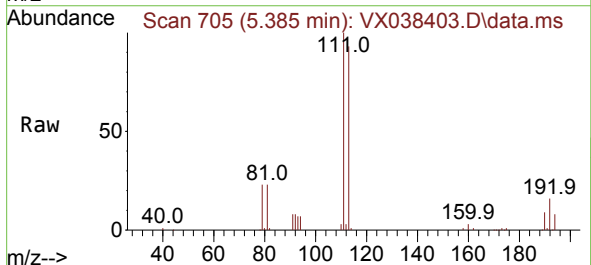
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ClientSampleId :
EB-01-102023

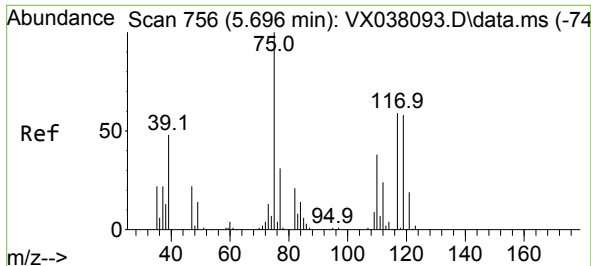
Tgt Ion:114 Resp: 217574
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.810 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

Tgt Ion:113 Resp: 70251
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 18.0 13.3 19.9

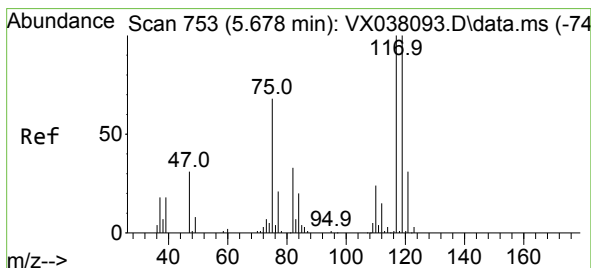
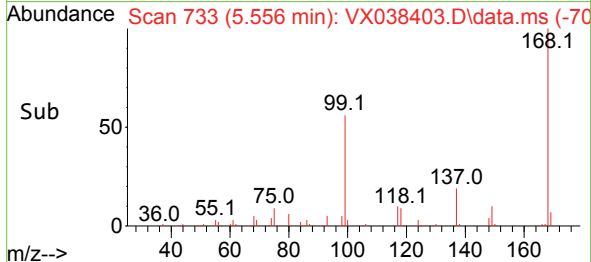
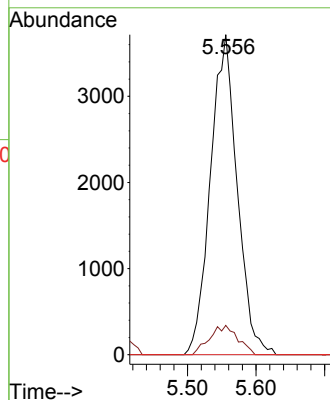
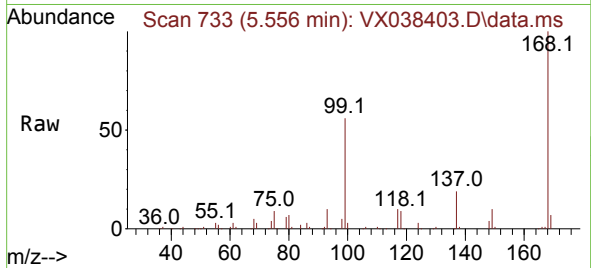




#36
1,1-Dichloropropene
Concen: 4.658 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

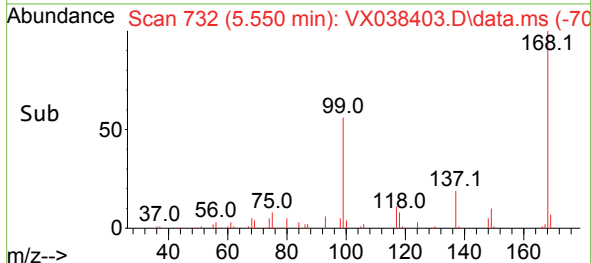
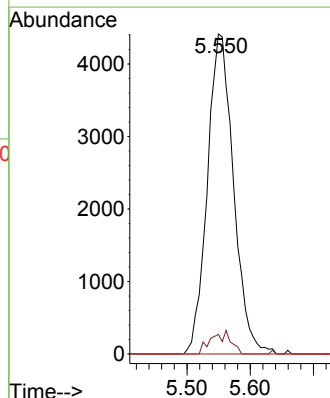
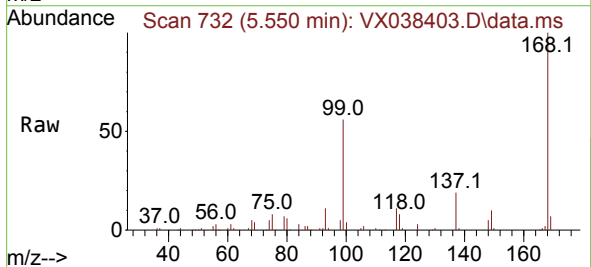
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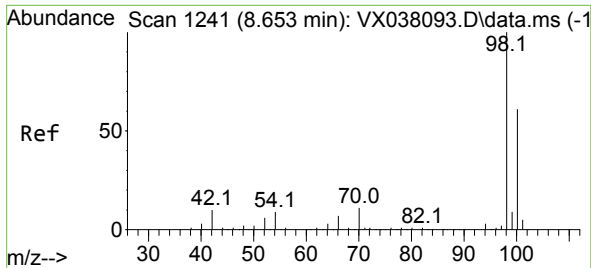
Tgt Ion: 75 Resp: 10071
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.964 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

Tgt Ion: 117 Resp: 12684
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#

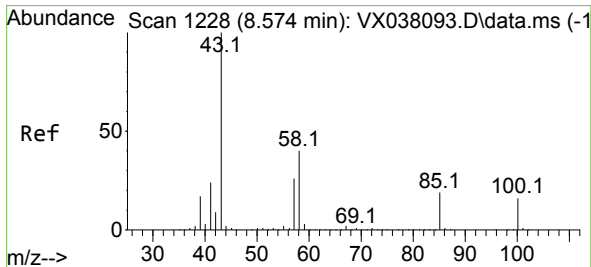
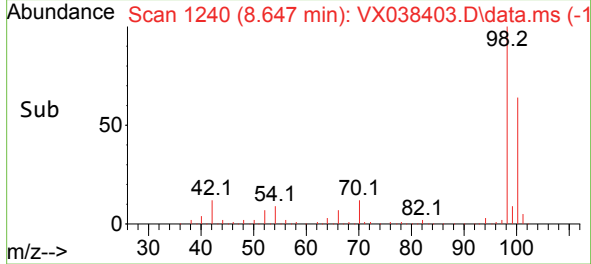
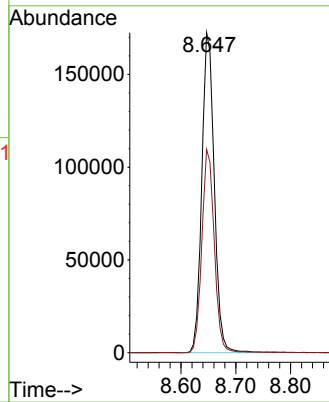
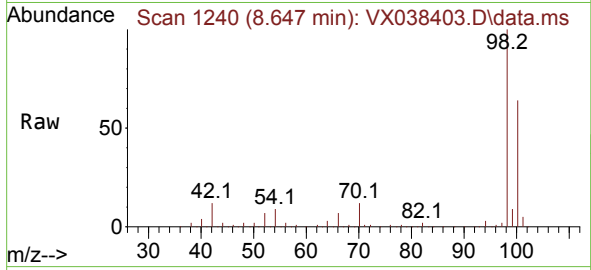




#50
Toluene-d8
Concen: 45.491 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

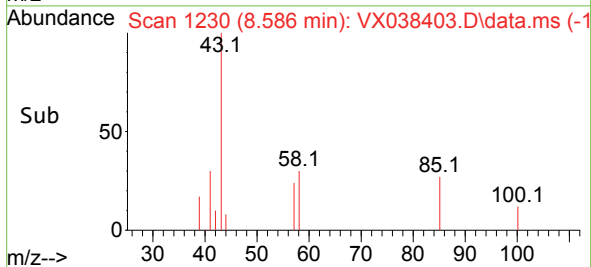
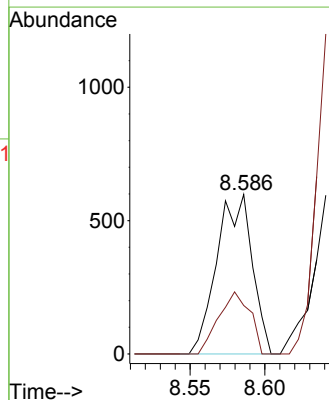
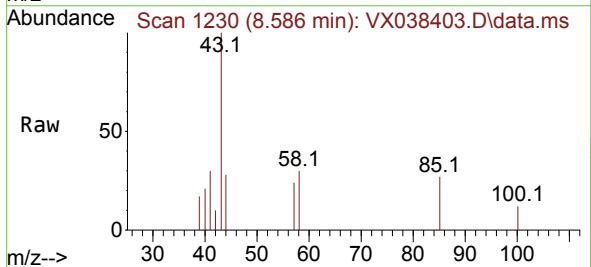
Instrument :
MSVOA_X
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EB-01-102023

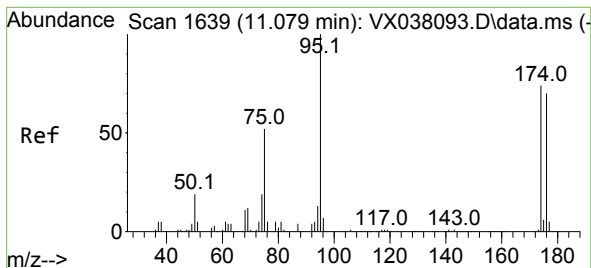
Tgt Ion: 98 Resp: 272528
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.371 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 34.5 30.4 45.6

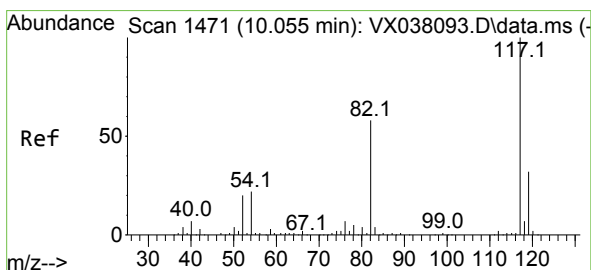
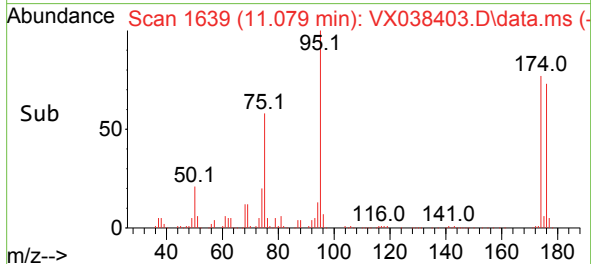
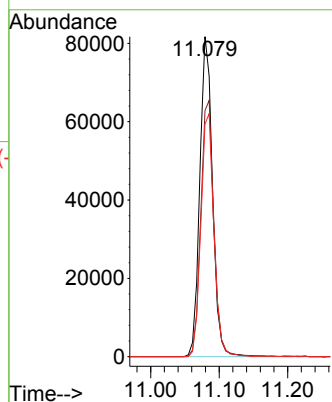
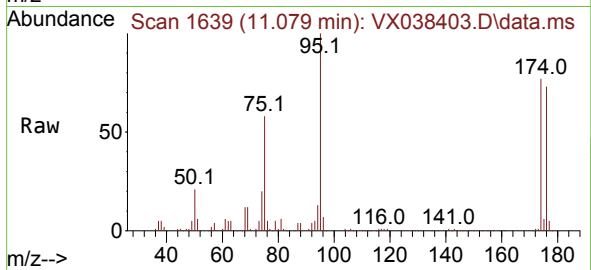




#62
4-Bromofluorobenzene
Concen: 46.469 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

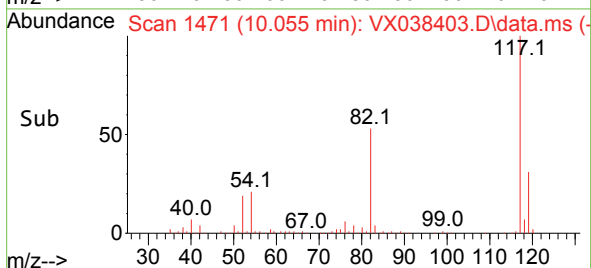
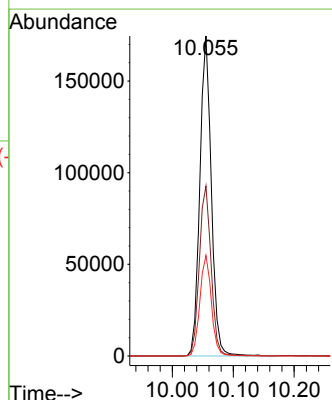
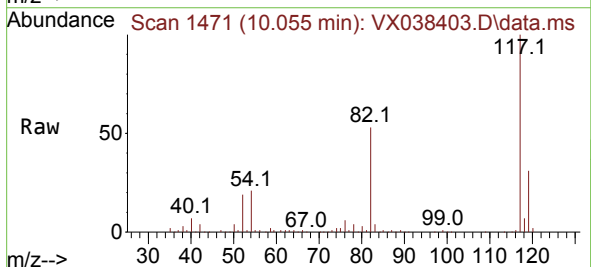
Instrument :
MSVOA_X
ClientSampleId :
EB-01-102023

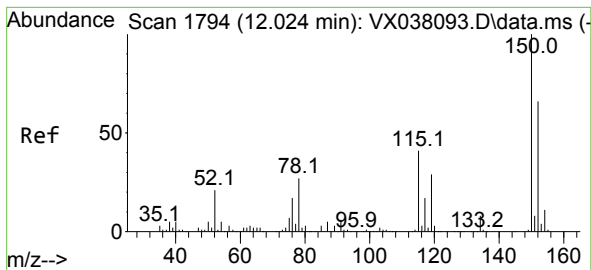
Tgt Ion: 95 Resp: 105538
Ion Ratio Lower Upper
95 100
174 82.8 0.0 135.6
176 78.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038403.D
Acq: 20 Oct 2023 15:30

Tgt Ion: 117 Resp: 228695
Ion Ratio Lower Upper
117 100
82 53.1 46.2 69.4
119 31.4 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: VX038403.D

Acq: 20 Oct 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

EB-01-102023

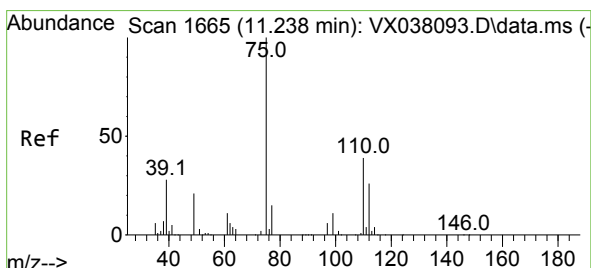
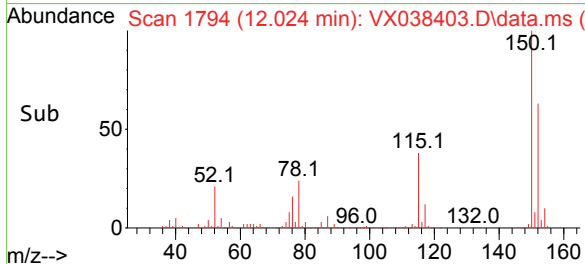
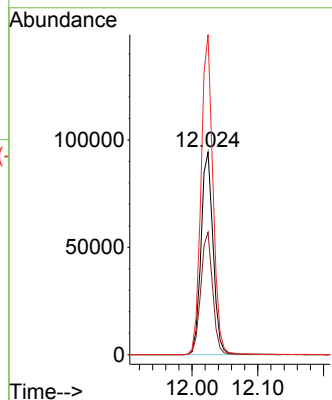
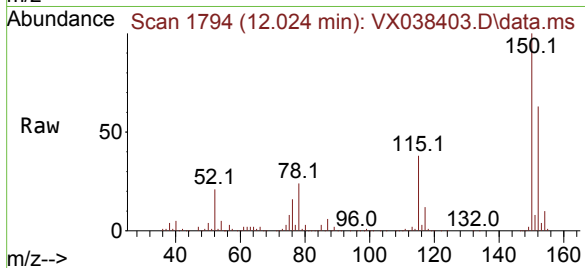
Tgt Ion:152 Resp: 120646

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 155.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.302 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038403.D

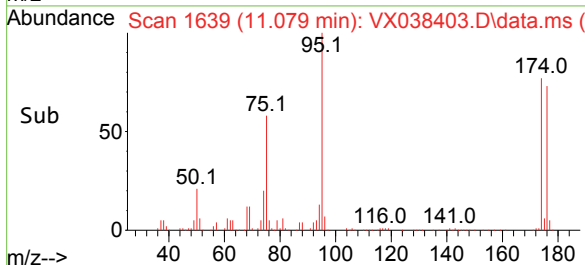
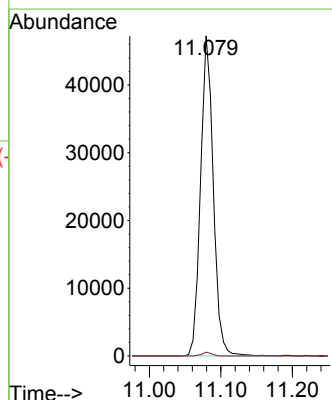
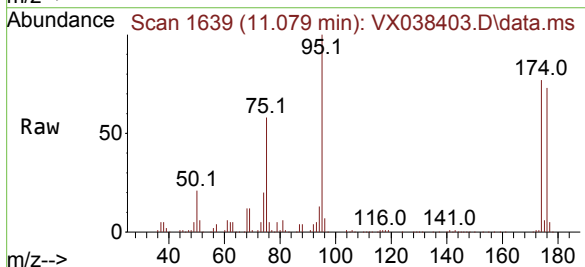
Acq: 20 Oct 2023 15:30

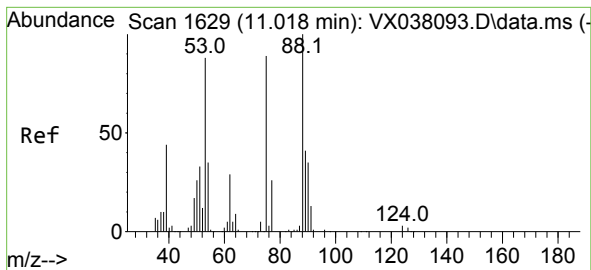
Tgt Ion: 75 Resp: 58425

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.216 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX038403.D
 Acq: 20 Oct 2023 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-102023

Tgt Ion: 75 Resp: 58425
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

