

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038131.D
 Acq On : 06 Oct 2023 15:21
 Operator : JC/MD
 Sample : 04796-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 04:21:14 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)

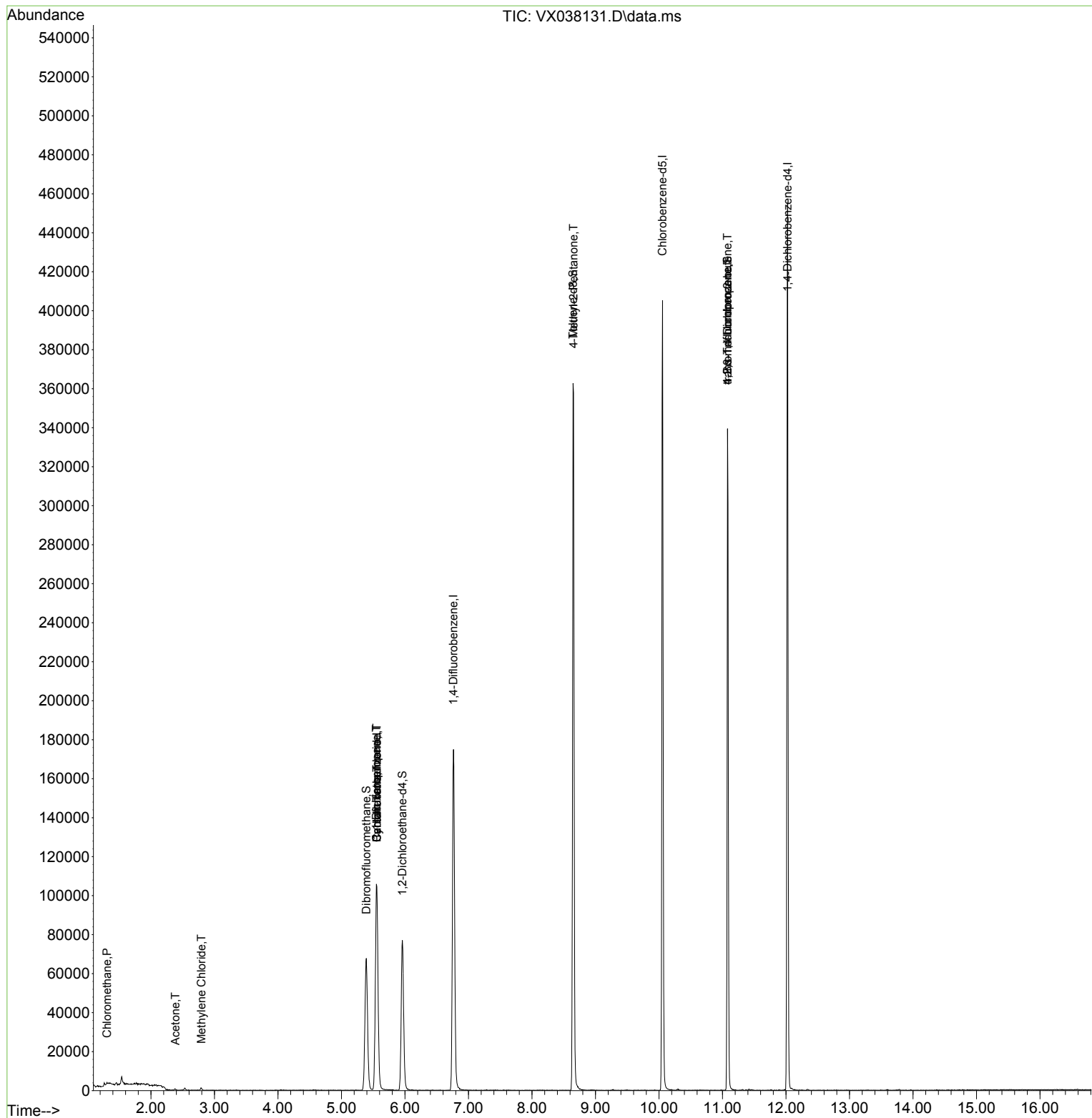
Internal Standards						
1) Pentafluorobenzene	5.556	168	99994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74437	46.282	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.560%
35) Dibromofluoromethane	5.391	113	56980	44.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.060%
50) Toluene-d8	8.647	98	225536	45.608	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.220%#
62) 4-Bromofluorobenzene	11.079	95	83339	44.453	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	275	0.280	ug/l	100
5) Bromomethane	1.612	94	24	Below Cal	#	3
6) Chloroethane	1.679	64	210	Below Cal	#	43
16) Acetone	2.386	43	724	1.079	ug/l	# 47
20) Methylene Chloride	2.794	84	502	0.398	ug/l	# 79
31) Cyclohexane	5.556	56	2312	1.327	ug/l	# 16
36) 1,1-Dichloropropene	5.550	75	8437	4.728	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	10601	6.039	ug/l	# 13
51) 4-Methyl-2-Pentanone	8.653	43	986	0.452	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	46482	22.520	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	46482	64.486	ug/l	# 5

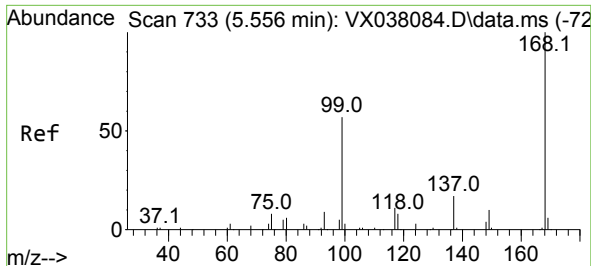
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
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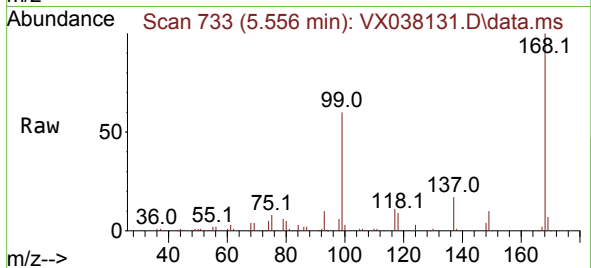
Quant Time: Oct 07 04:21:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



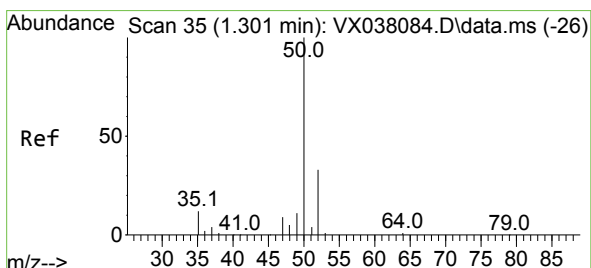
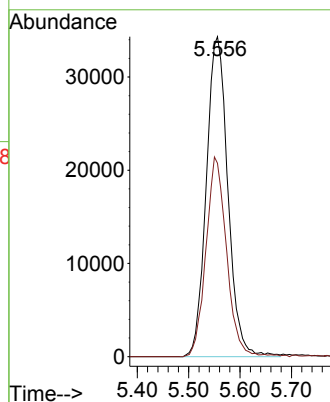
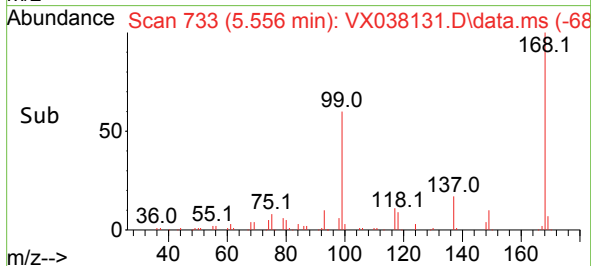


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

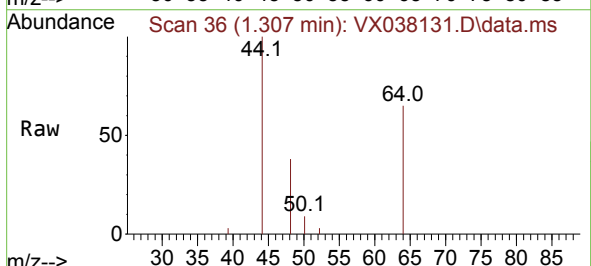
Instrument :
MSVOA_X
ClientSampleId :



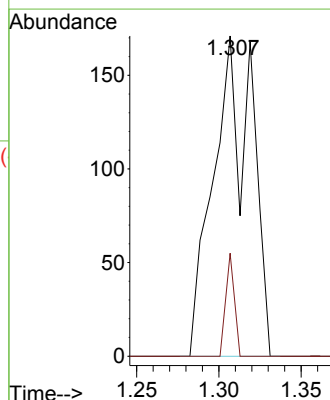
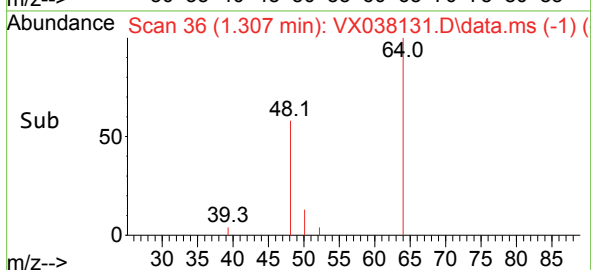
Tgt Ion:168 Resp: 99994
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0

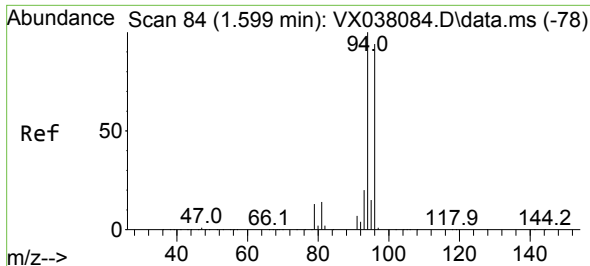


#3
Chloromethane
Concen: 0.280 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21



Tgt Ion: 50 Resp: 275
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

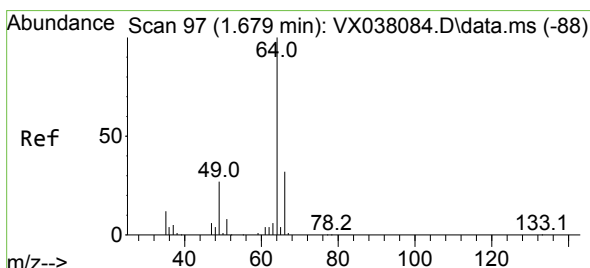
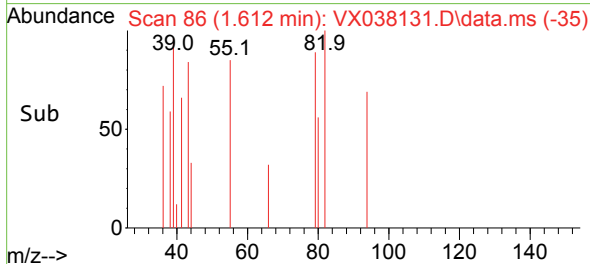
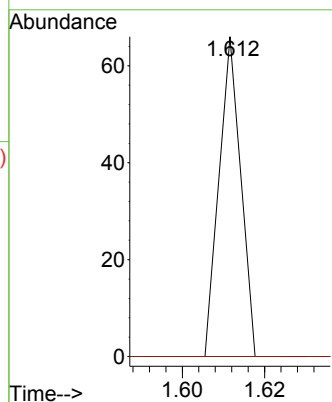
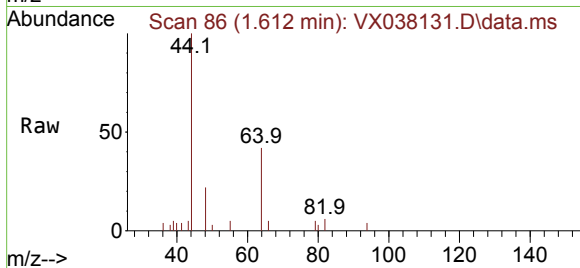




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

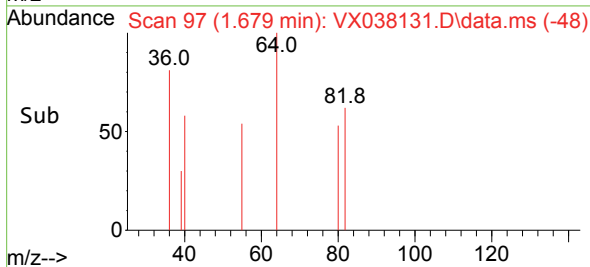
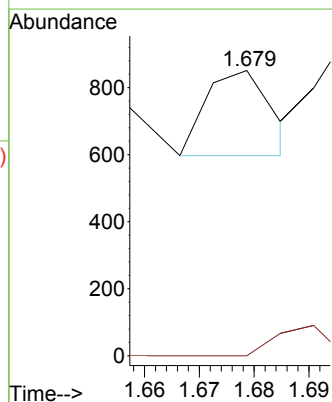
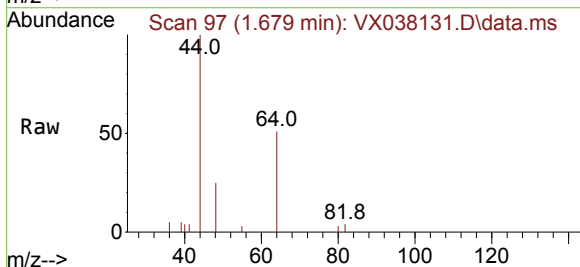
Instrument :
MSVOA_X
ClientSampleId :

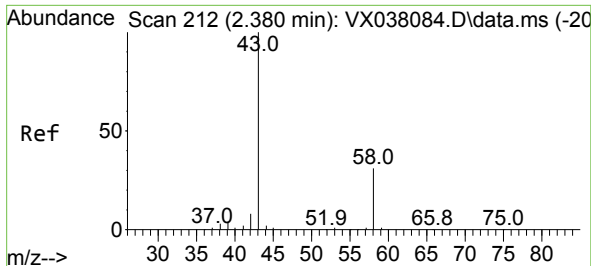
Tgt Ion: 94 Resp: 24
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

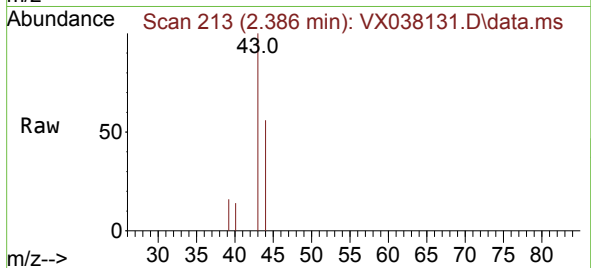
Tgt Ion: 64 Resp: 210
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



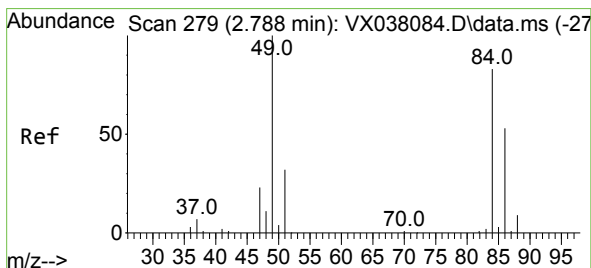
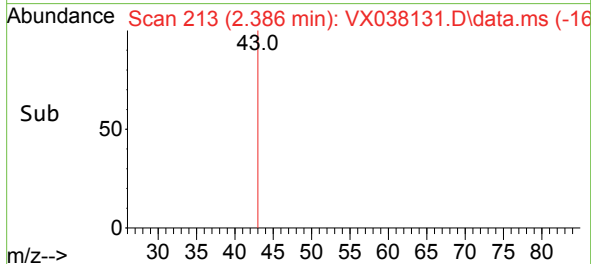
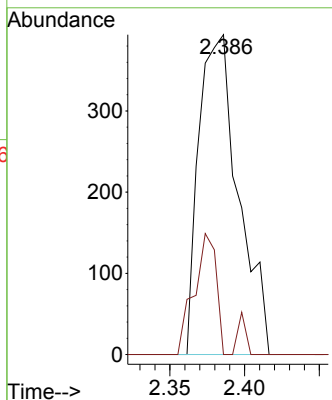


#16
Acetone
Concen: 1.079 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

Instrument :
MSVOA_X
ClientSampleId :

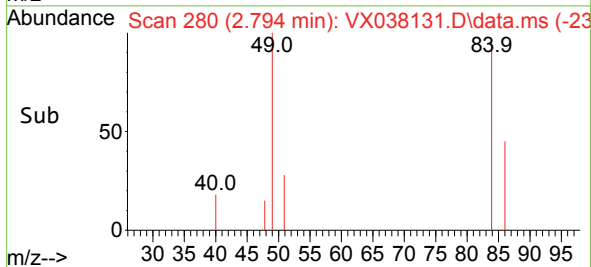
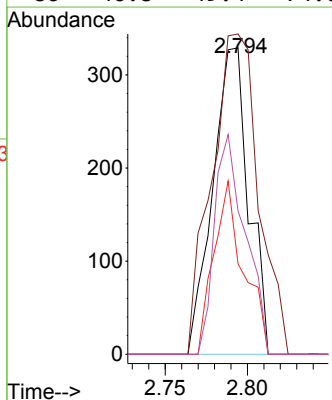
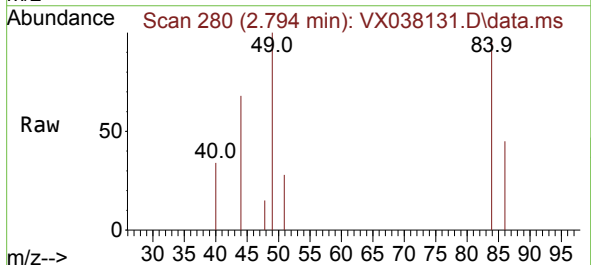


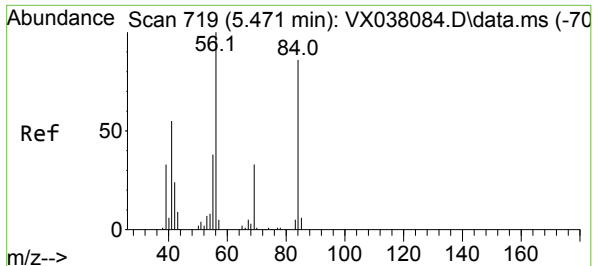
Tgt Ion: 43 Resp: 724
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.398 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

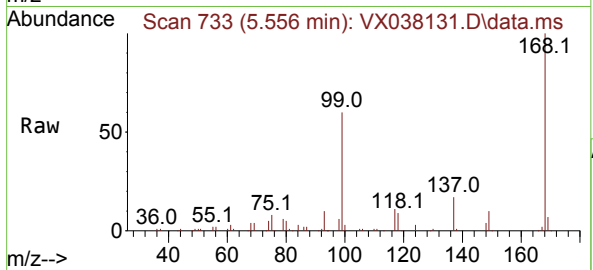
Tgt Ion: 84 Resp: 502
Ion Ratio Lower Upper
84 100
49 104.6 103.6 155.4
51 29.5 33.8 50.6#
86 46.8 49.4 74.0#



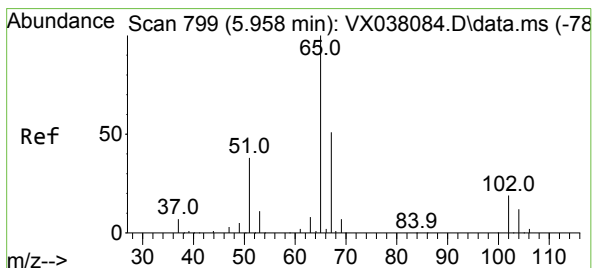
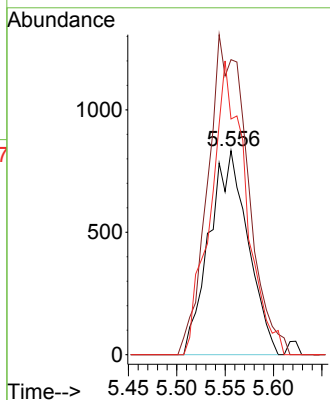
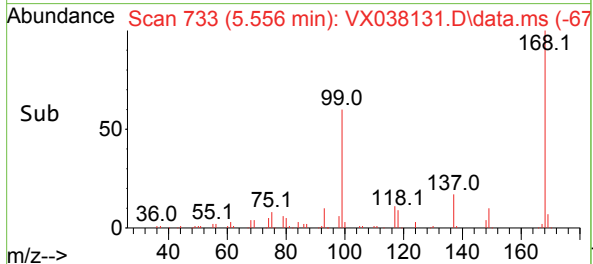


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

Instrument :
MSVOA_X
ClientSampleId :

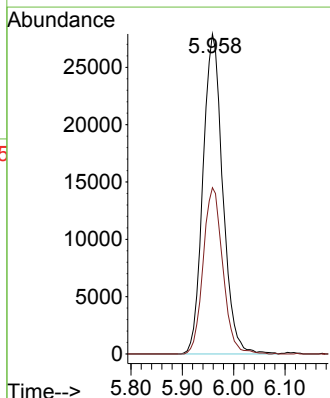
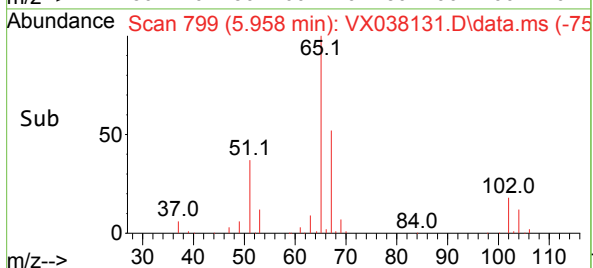
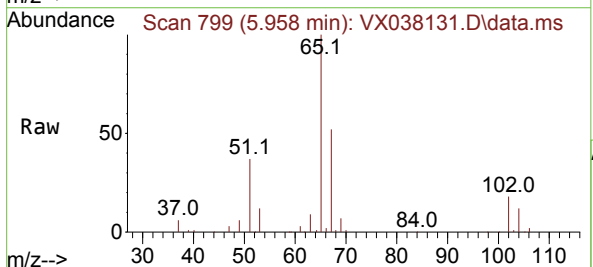


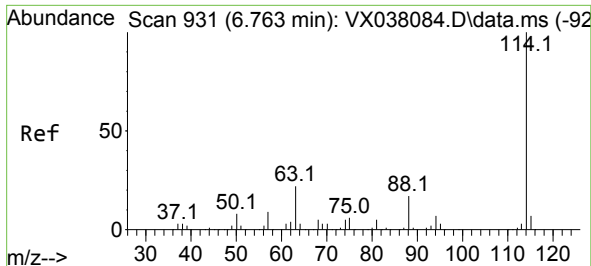
Tgt Ion: 56 Resp: 2312
Ion Ratio Lower Upper
56 100
69 144.7 23.4 35.2#
84 115.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.282 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

Tgt Ion: 65 Resp: 74437
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

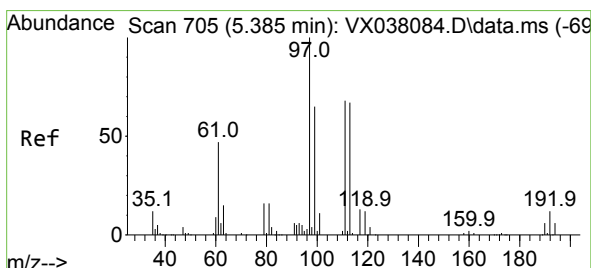
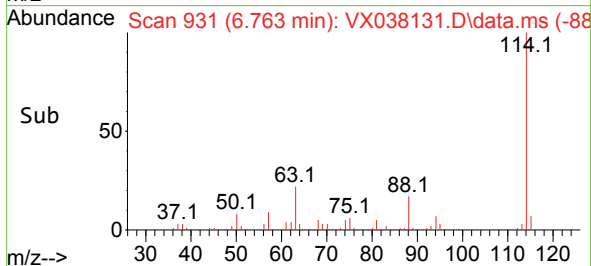
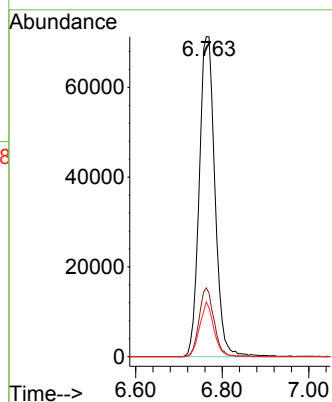
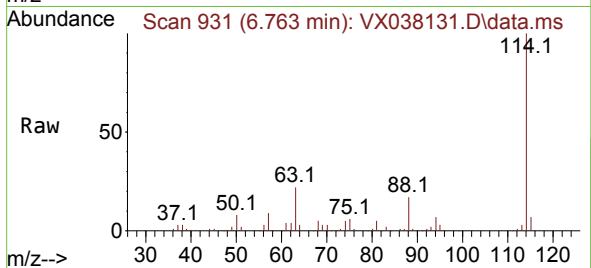




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

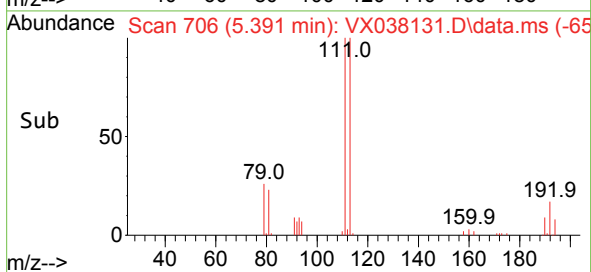
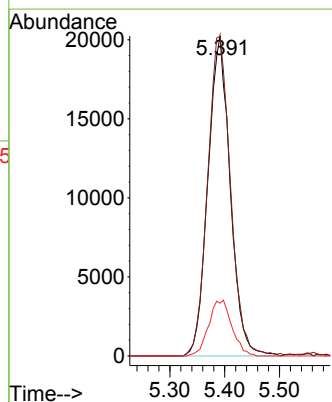
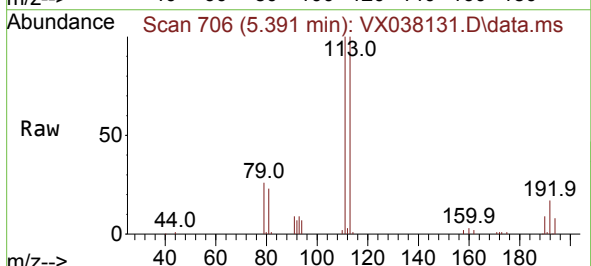
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MSVOA_X
ClientSampleId :

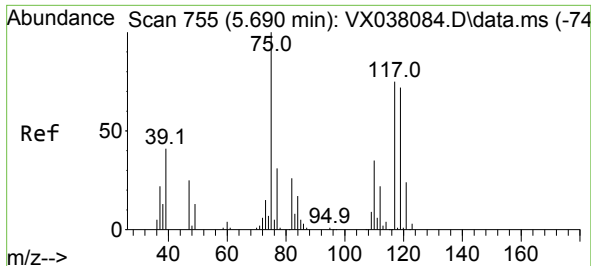
Tgt Ion:114 Resp: 179598
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.030 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

Tgt Ion:113 Resp: 56980
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.3 13.3 19.9

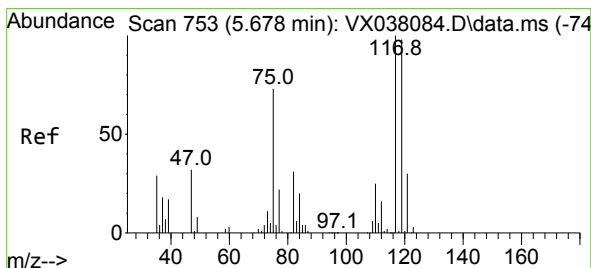
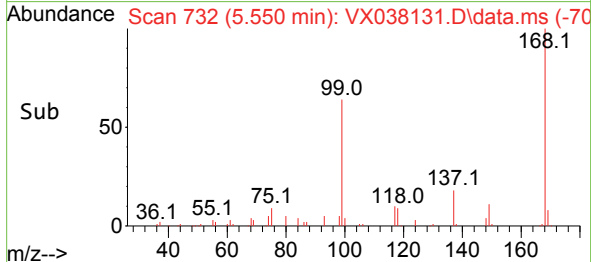
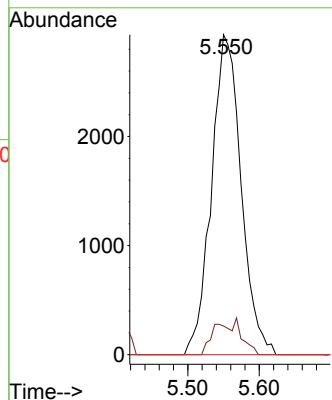
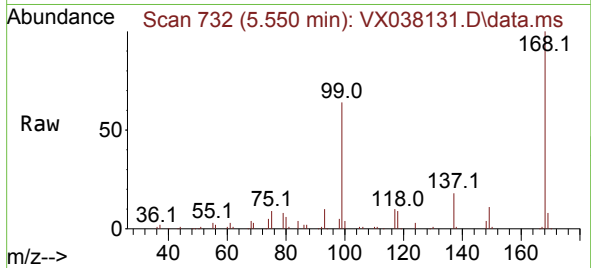




#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

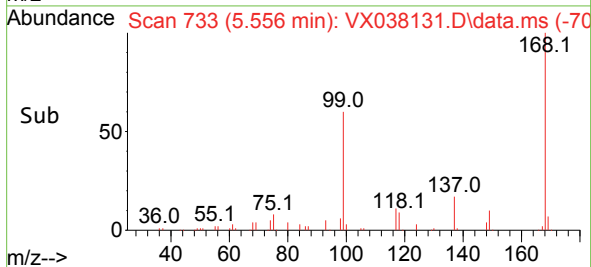
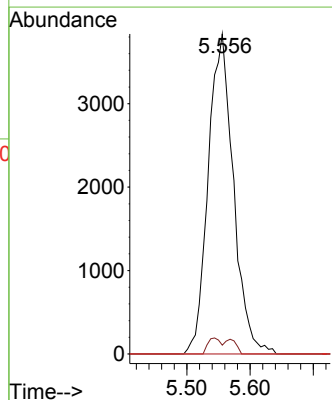
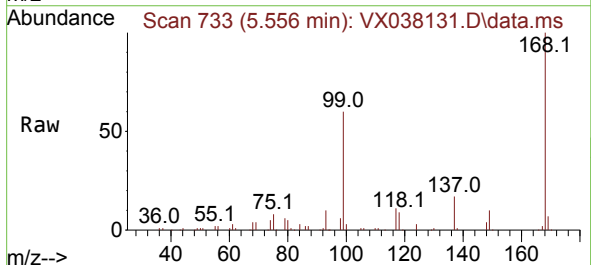
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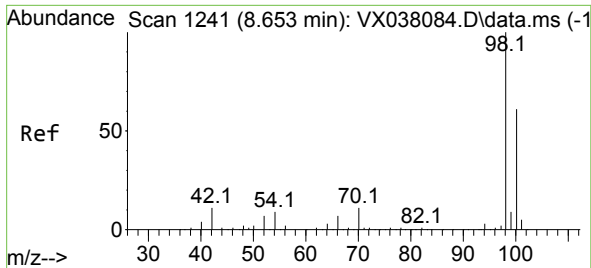
Tgt Ion: 75 Resp: 8437
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.039 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

Tgt Ion: 117 Resp: 10601
Ion Ratio Lower Upper
117 100
119 2.7 78.2 117.2#
121 0.0 24.4 36.6#

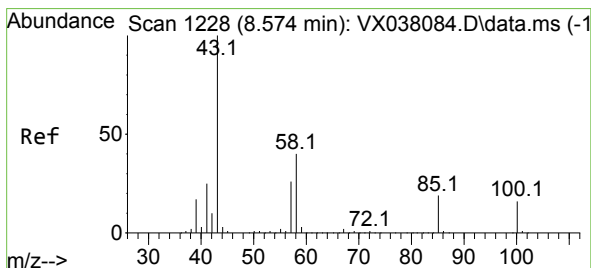
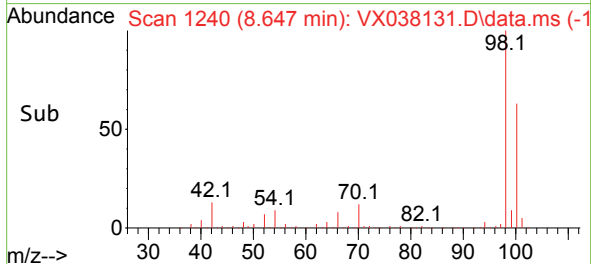
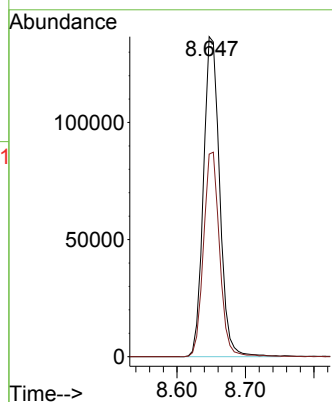
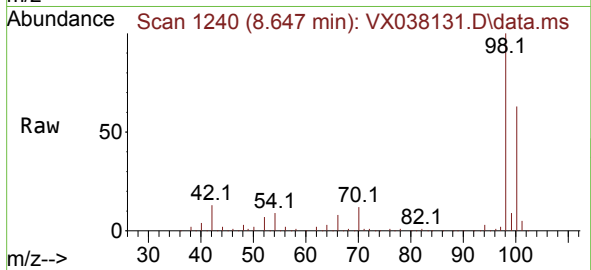




#50
Toluene-d8
Concen: 45.608 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

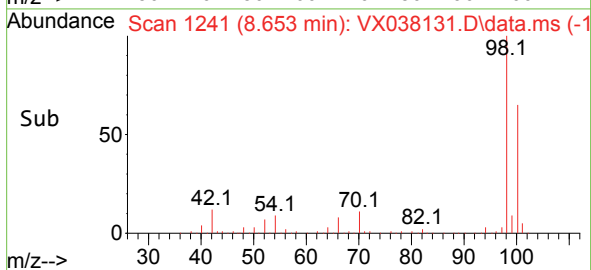
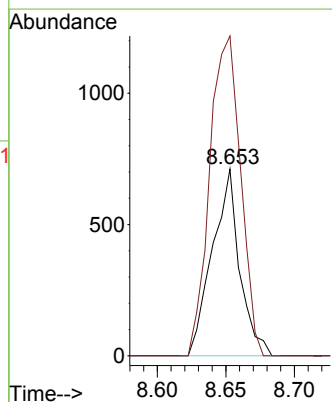
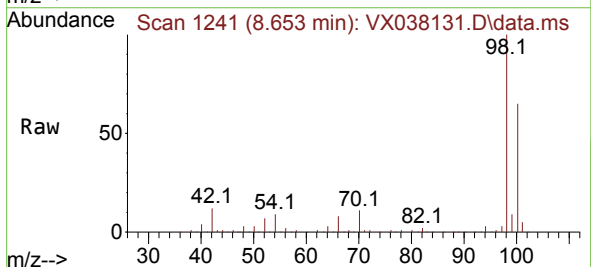
Instrument :
MSVOA_X
ClientSampleId :

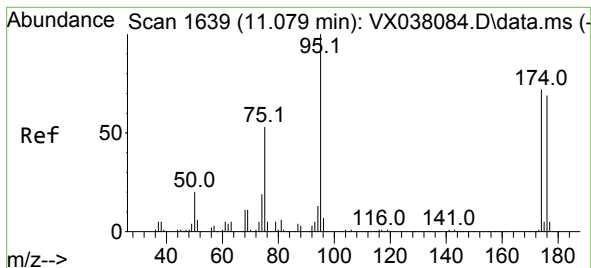
Tgt Ion: 98 Resp: 225536
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
58 193.5 30.4 45.6#

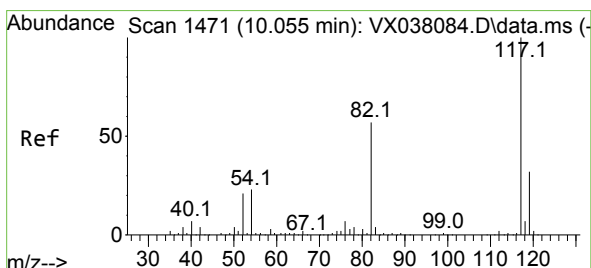
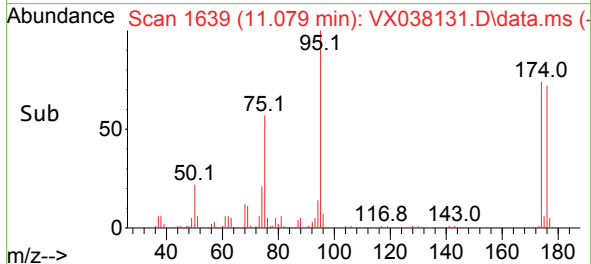
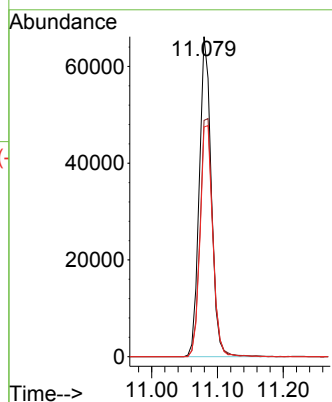
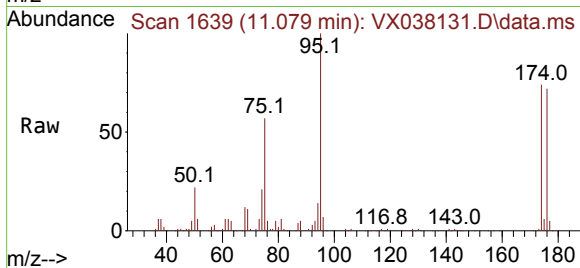




#62
4-Bromofluorobenzene
Concen: 44.453 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

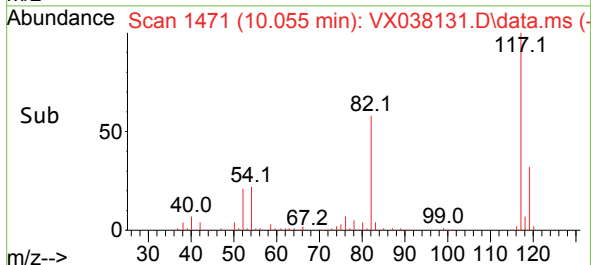
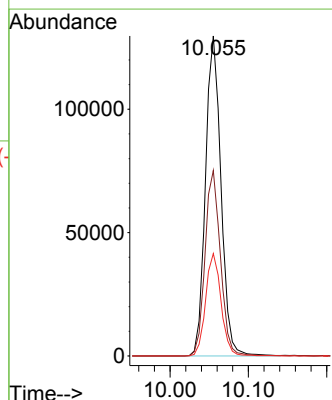
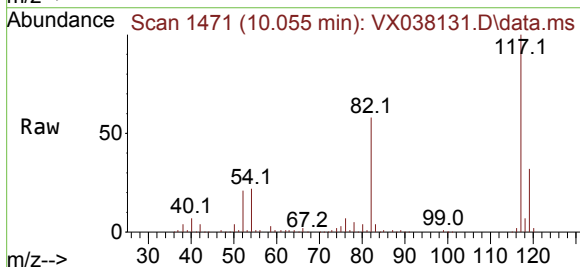
Instrument :
MSVOA_X
ClientSampleId :

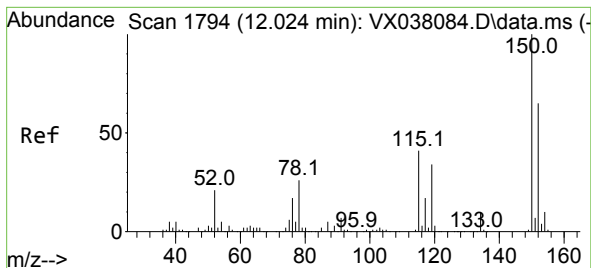
Tgt Ion: 95 Resp: 83339
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 76.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038131.D
Acq: 06 Oct 2023 15:21

Tgt Ion: 117 Resp: 178101
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.0 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: VX038131.D

Acq: 06 Oct 2023 15:21

Instrument :

MSVOA_X

ClientSampleId :

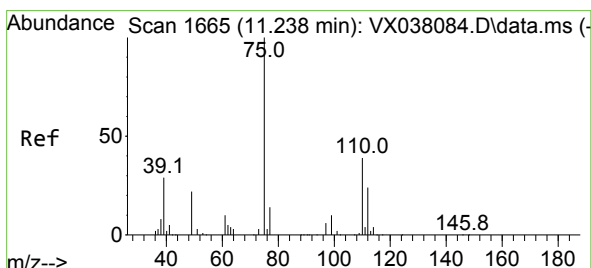
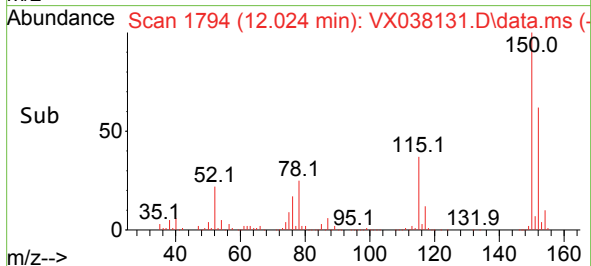
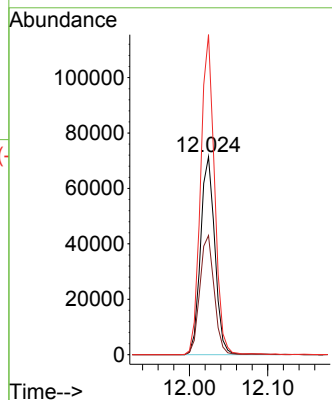
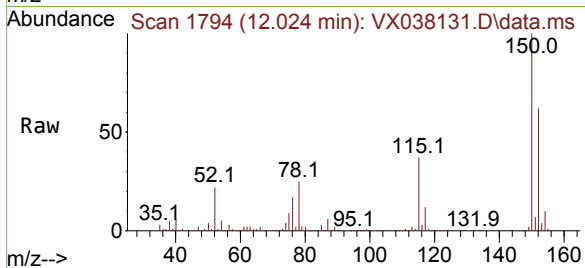
Tgt Ion:152 Resp: 90791

Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 156.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.520 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038131.D

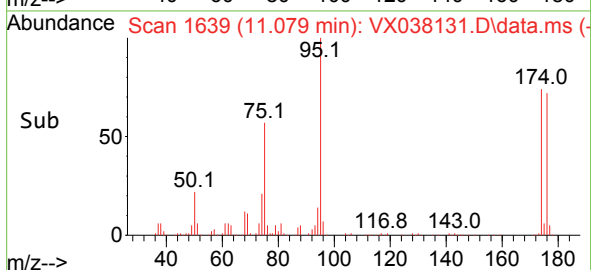
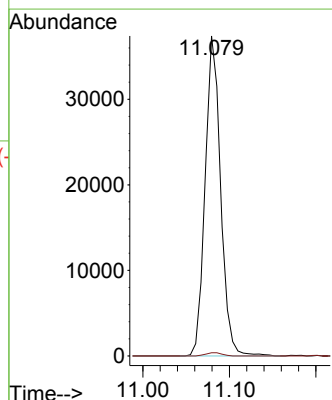
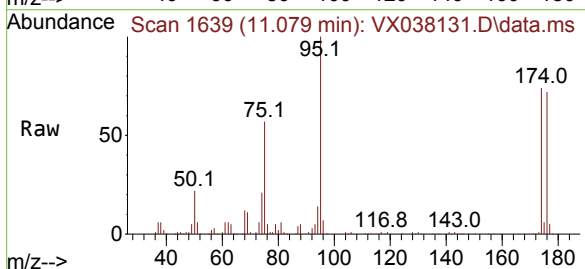
Acq: 06 Oct 2023 15:21

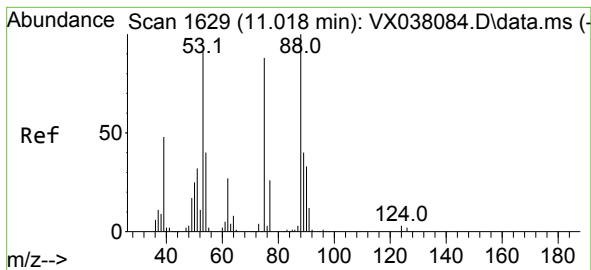
Tgt Ion: 75 Resp: 46482

Ion Ratio Lower Upper

75 100

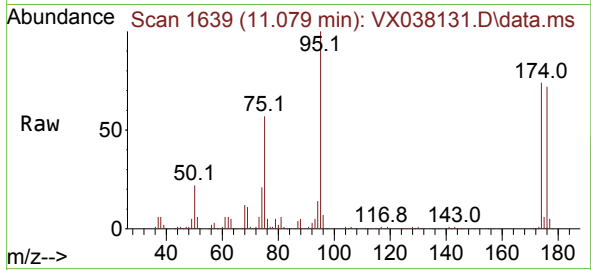
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.486 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038131.D
 Acq: 06 Oct 2023 15:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 46482
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

