

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038135.D
 Acq On : 06 Oct 2023 16:54
 Operator : JC/MD
 Sample : 04794-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 04:22:38 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)

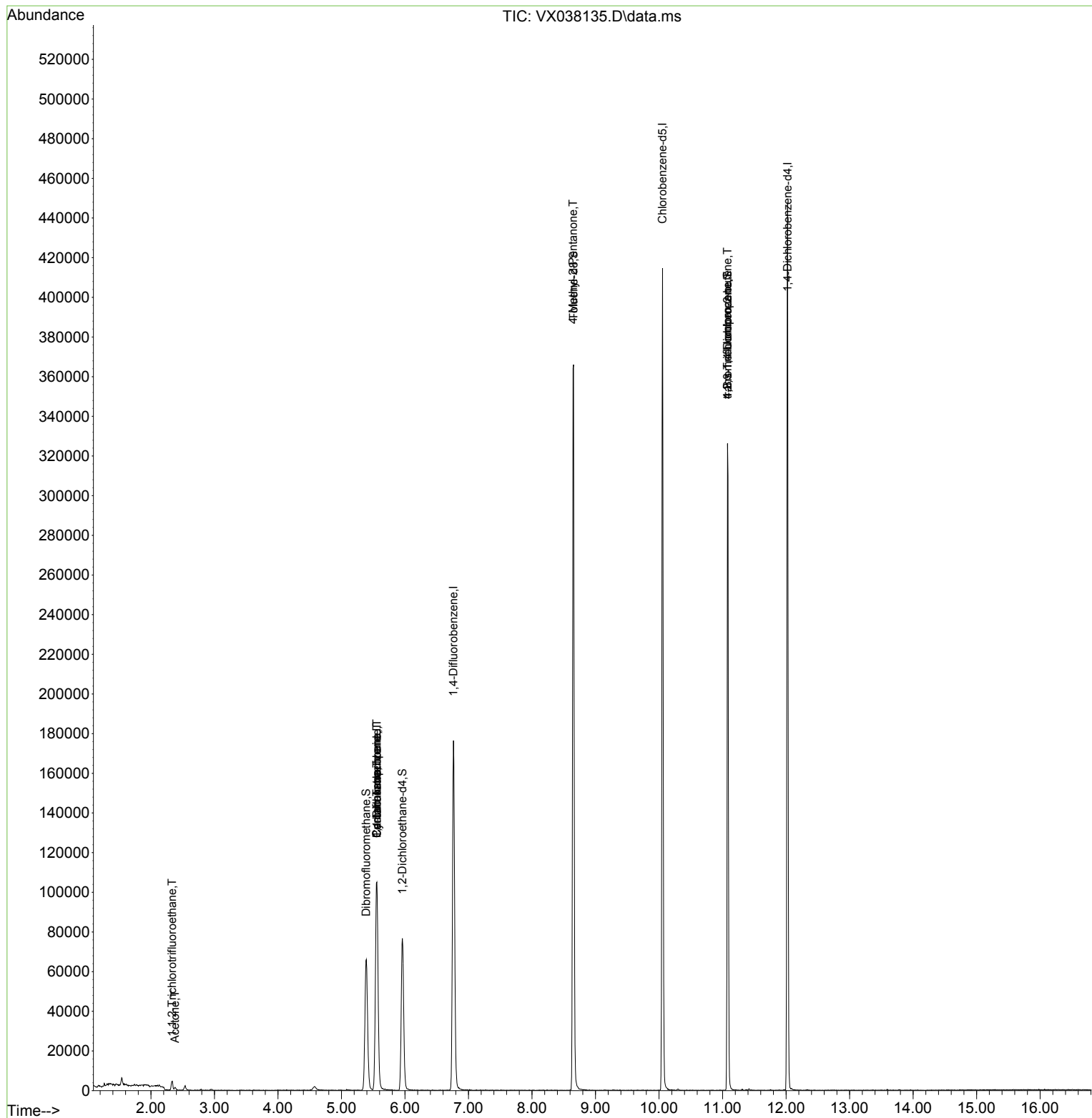
Internal Standards						
1) Pentafluorobenzene	5.556	168	100196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74171	46.024	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.040%
35) Dibromofluoromethane	5.385	113	56752	43.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.140%
50) Toluene-d8	8.653	98	228094	45.828	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.660%#
62) 4-Bromofluorobenzene	11.079	95	83667	44.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	29	Below Cal	#	3
6) Chloroethane	1.703	64	206	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	1843	1.956	ug/l	94
11) Tert butyl alcohol	2.928	59	249	Below Cal	#	78
16) Acetone	2.379	43	1483	2.205	ug/l	# 78
31) Cyclohexane	5.556	56	2459	1.408	ug/l	# 23
36) 1,1-Dichloropropene	5.556	75	8394	4.673	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	10762	6.091	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1019	0.464	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	46998	23.047	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	46998	65.901	ug/l	# 5

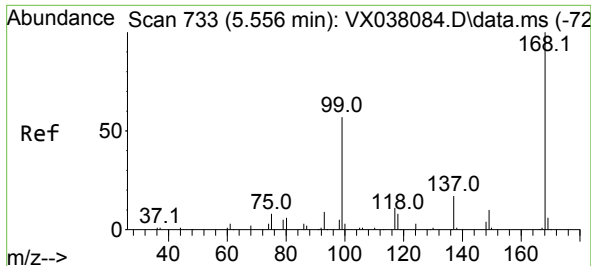
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 07 04:22:38 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

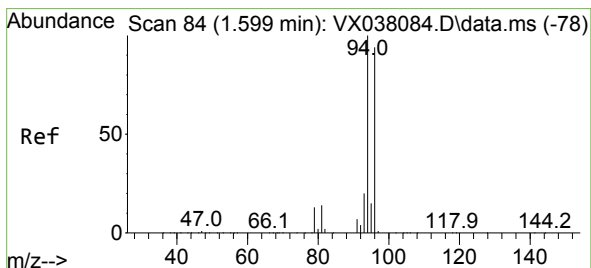
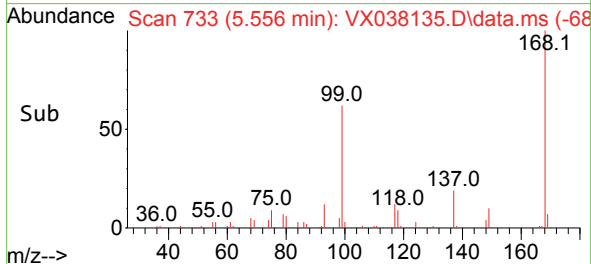
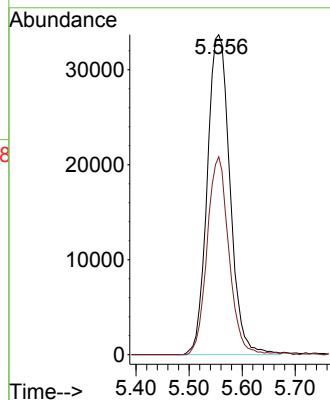
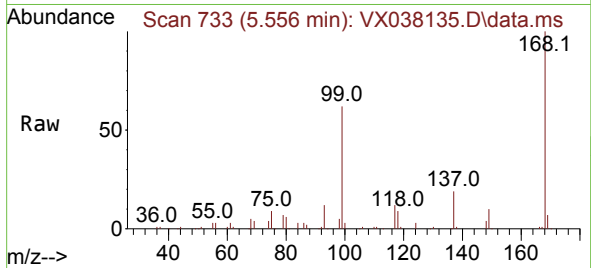




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

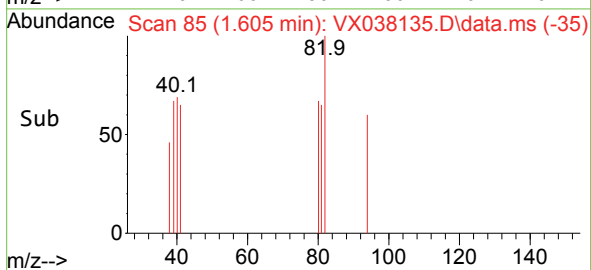
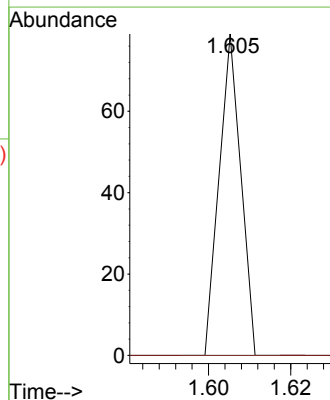
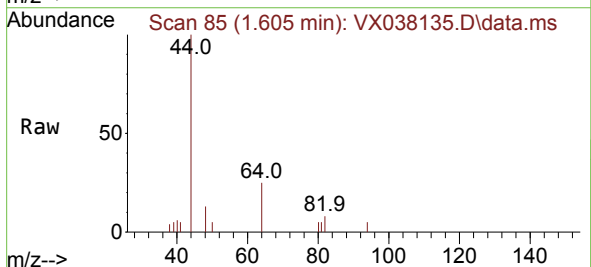
Instrument :
MSVOA_X
ClientSampleId :

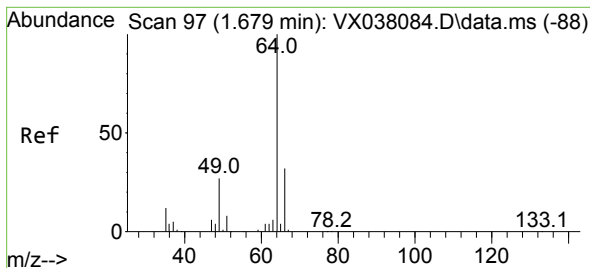
Tgt Ion:168 Resp: 100196
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

Tgt Ion: 94 Resp: 29
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.703 min Scan# 101

Delta R.T. 0.024 min

Lab File: VX038135.D

Acq: 06 Oct 2023 16:54

Instrument :

MSVOA_X

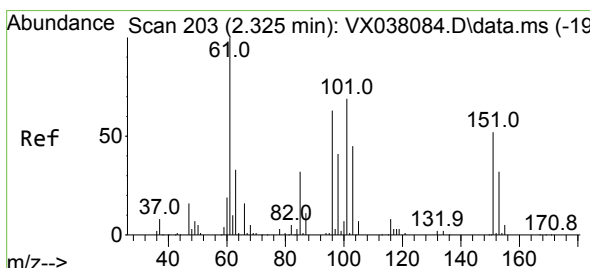
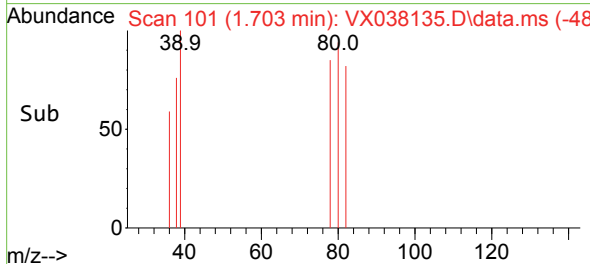
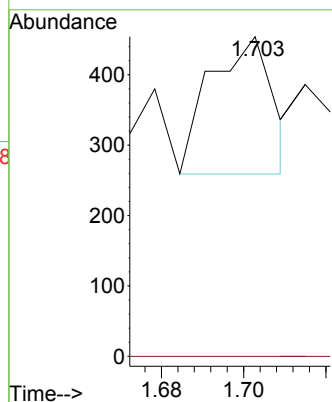
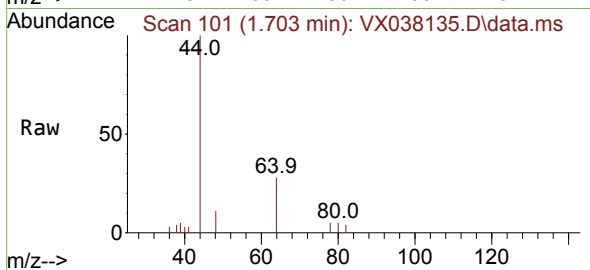
ClientSampleId :

Tgt Ion: 64 Resp: 206

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.956 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX038135.D

Acq: 06 Oct 2023 16:54

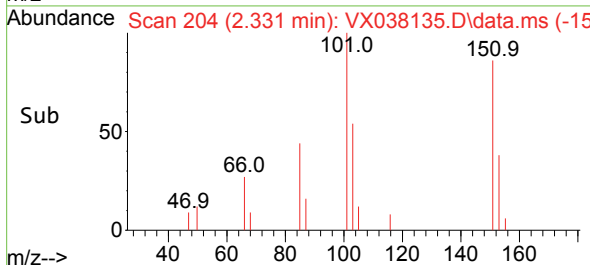
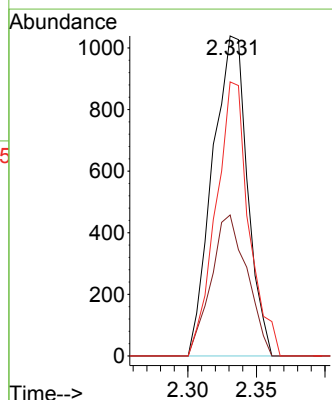
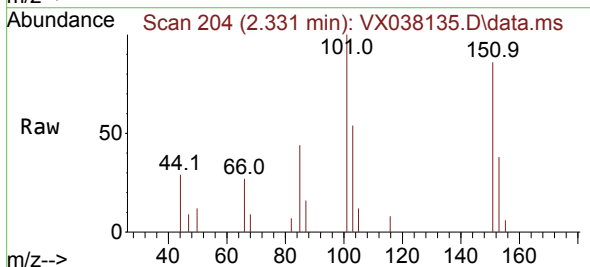
Tgt Ion: 101 Resp: 1843

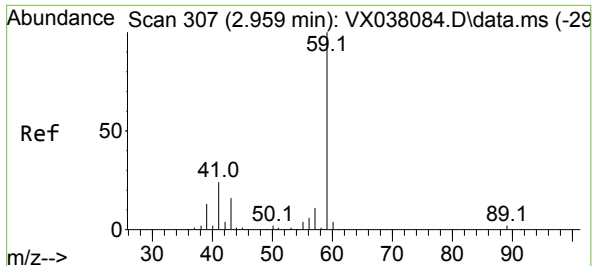
Ion Ratio Lower Upper

101 100

85 45.3 37.0 55.6

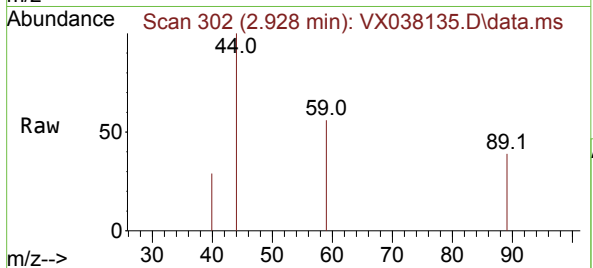
151 81.0 58.6 87.8



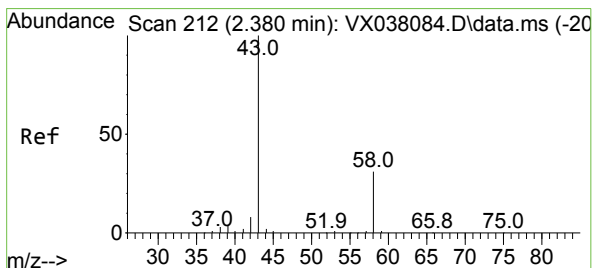
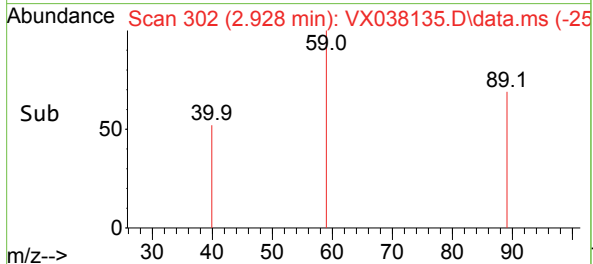
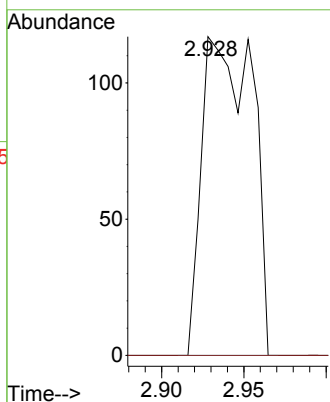


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.928 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

Instrument :
MSVOA_X
ClientSampleId :

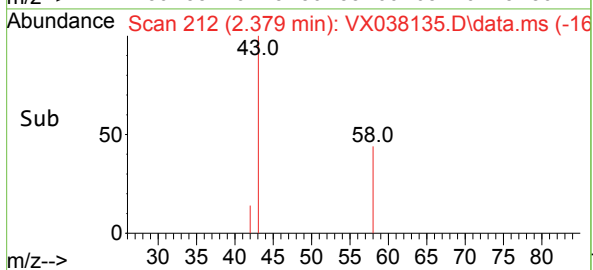
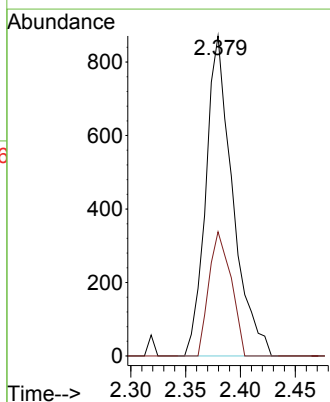
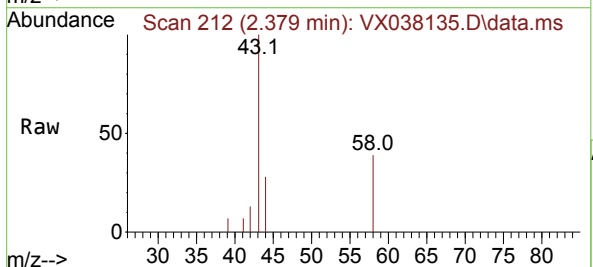


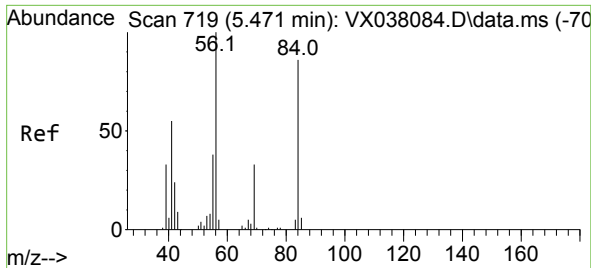
Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 2.205 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

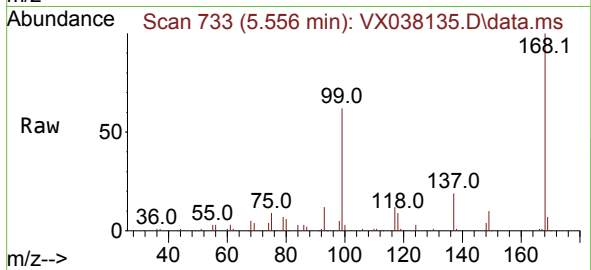
Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
58 38.8 21.9 32.9#



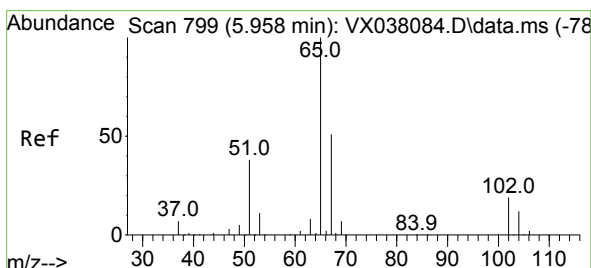
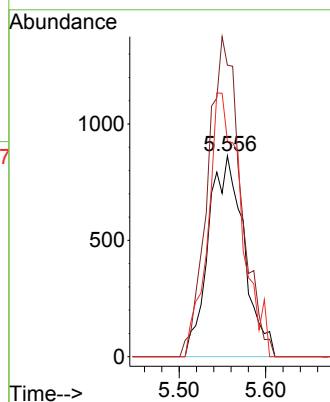
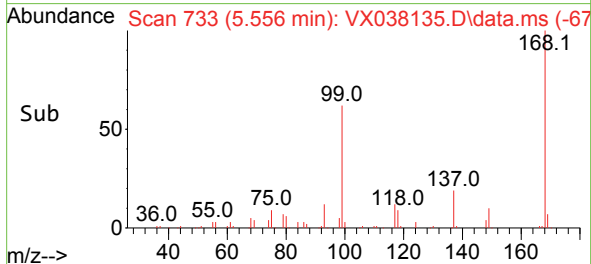


#31
Cyclohexane
Concen: 1.408 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

Instrument :
MSVOA_X
ClientSampleId :

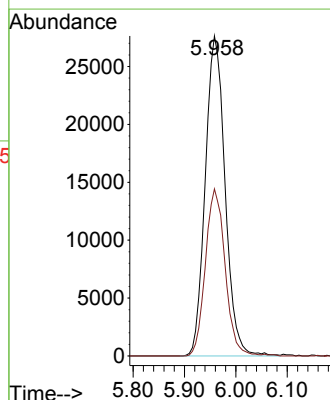
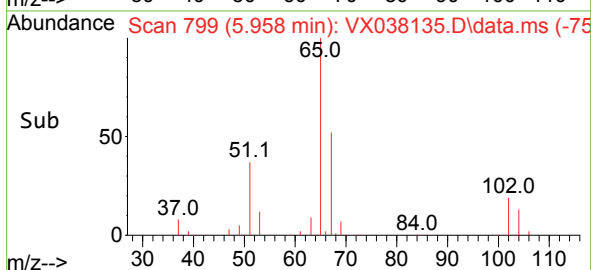
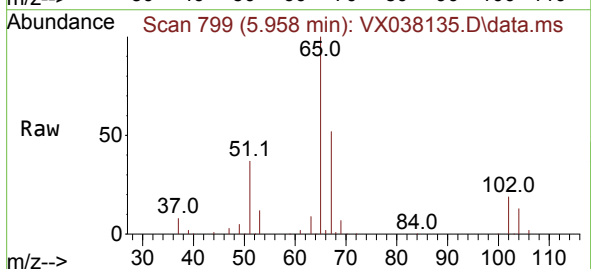


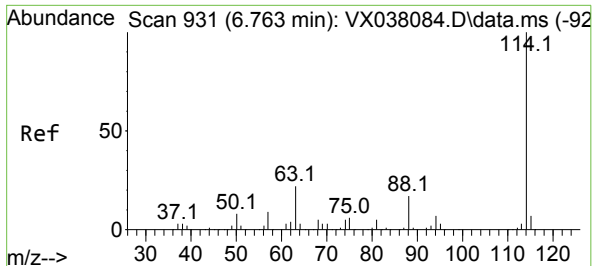
Tgt Ion: 56 Resp: 2459
Ion Ratio Lower Upper
56 100
69 145.2 23.4 35.2#
84 107.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.024 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

Tgt Ion: 65 Resp: 74171
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

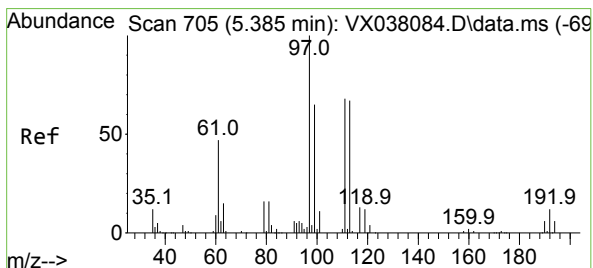
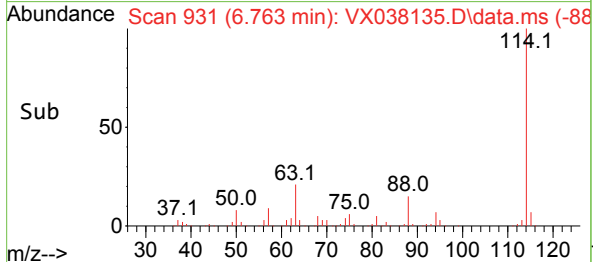
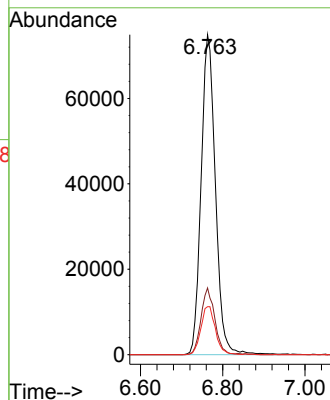
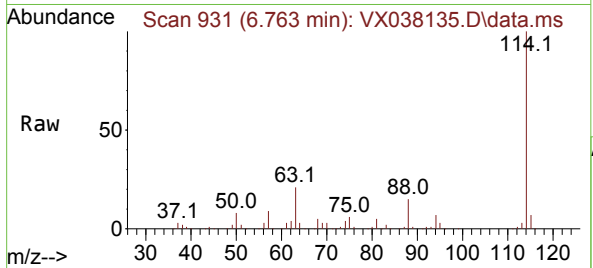




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

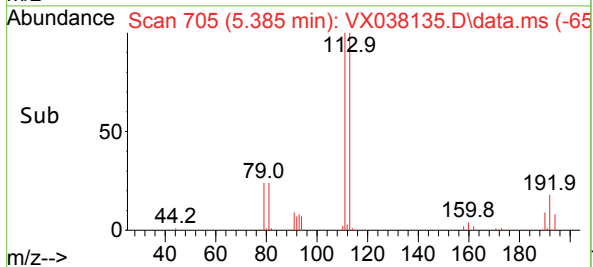
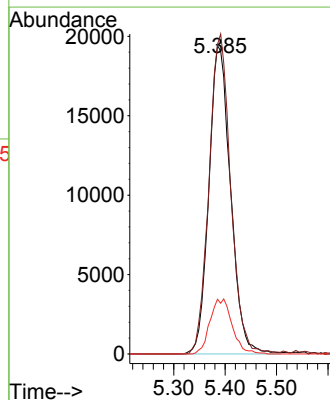
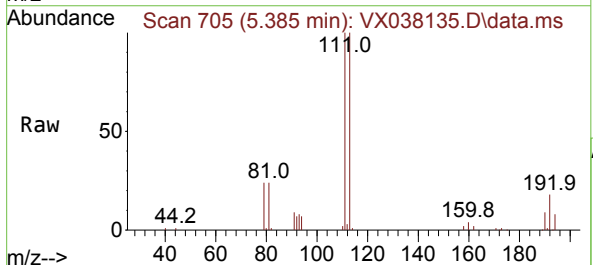
Instrument :
MSVOA_X
ClientSampleId :

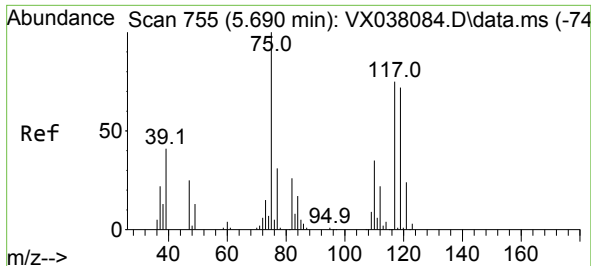
Tgt Ion:114 Resp: 180761
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.572 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

Tgt Ion:113 Resp: 56752
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.3 13.3 19.9

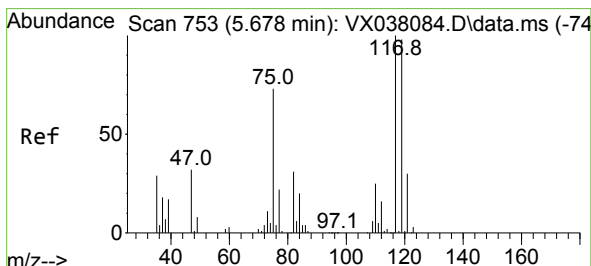
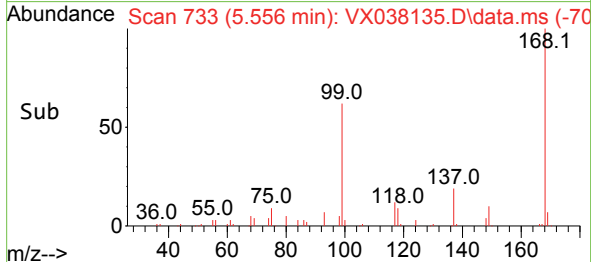
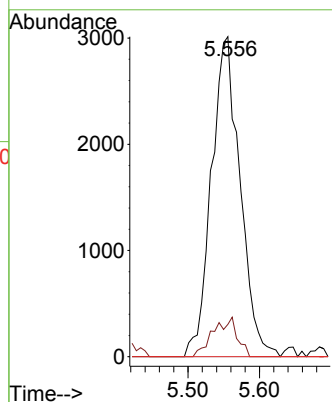
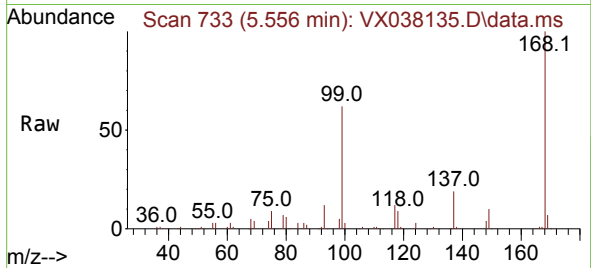




#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

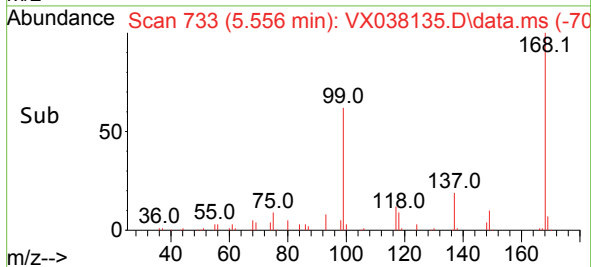
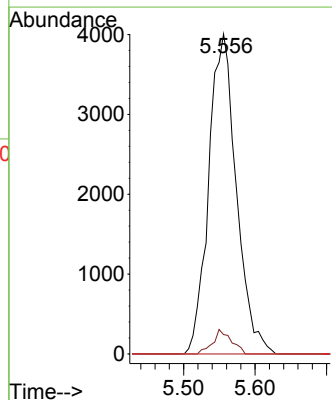
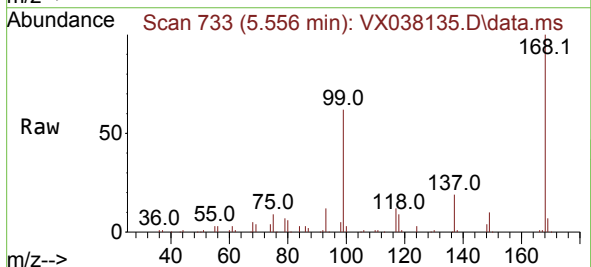
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ClientSampleId :

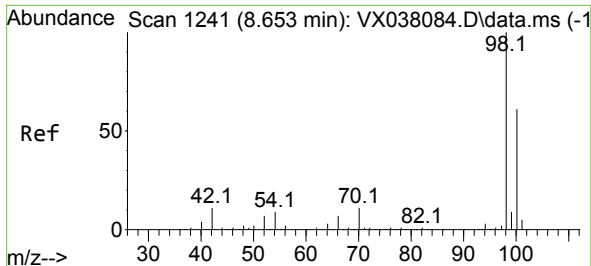
Tgt Ion: 75 Resp: 8394
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.091 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

Tgt Ion: 117 Resp: 10762
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#

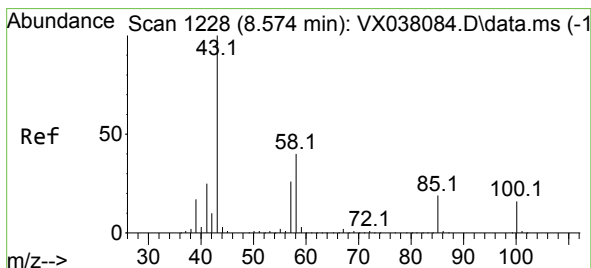
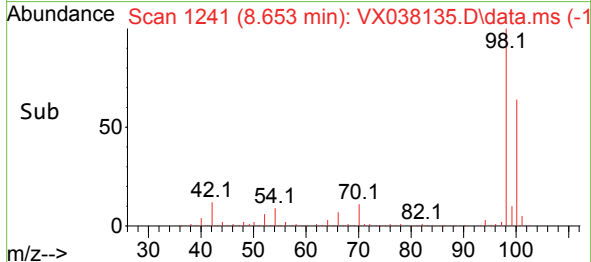
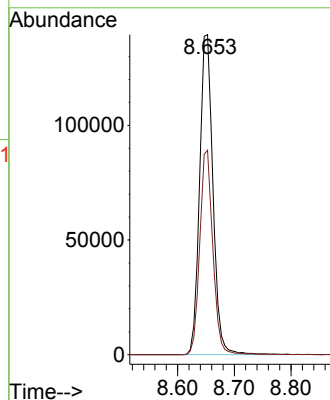
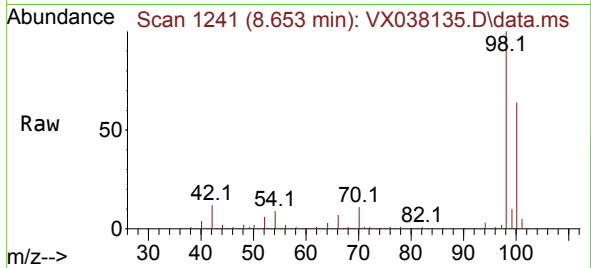




#50
Toluene-d8
Concen: 45.828 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

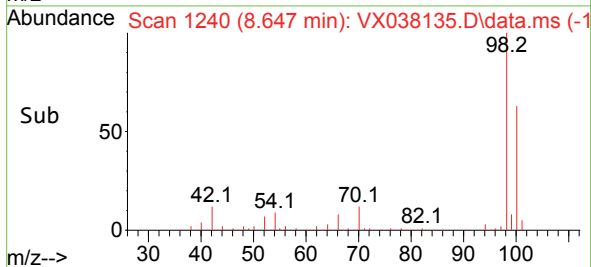
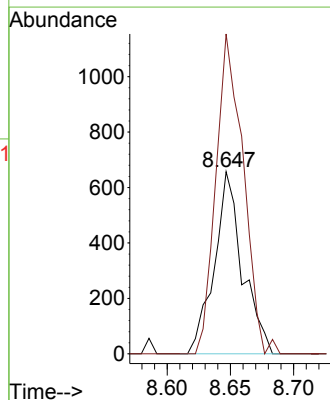
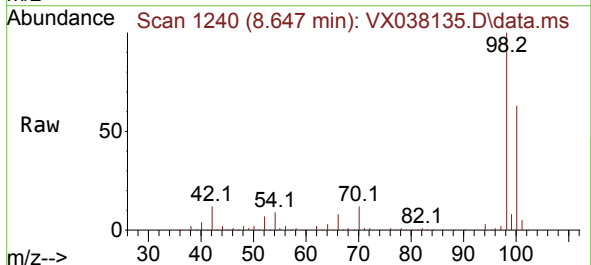
Instrument :
MSVOA_X
ClientSampleId :

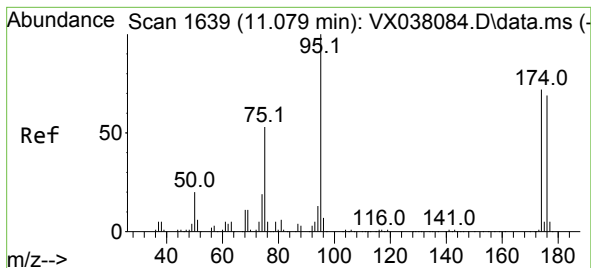
Tgt Ion: 98 Resp: 228094
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
58 170.2 30.4 45.6#

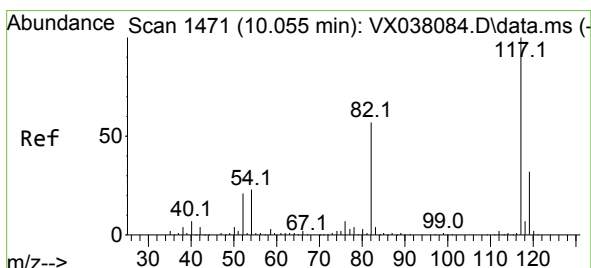
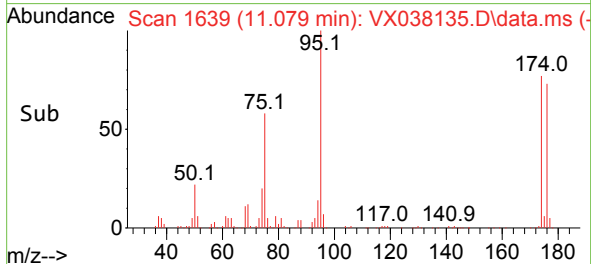
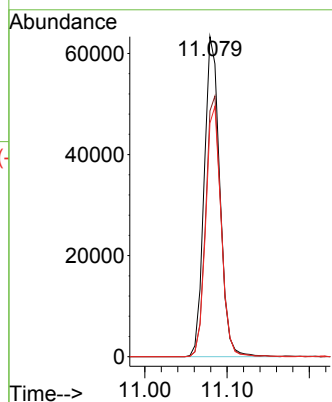
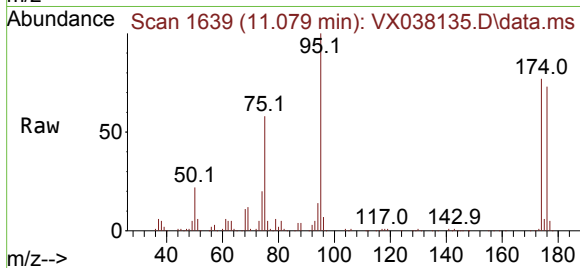




#62
4-Bromofluorobenzene
Concen: 44.341 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

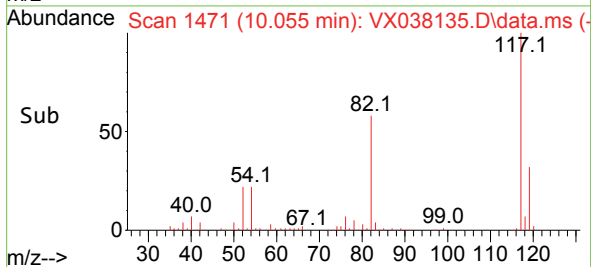
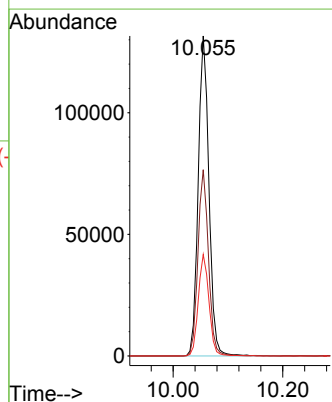
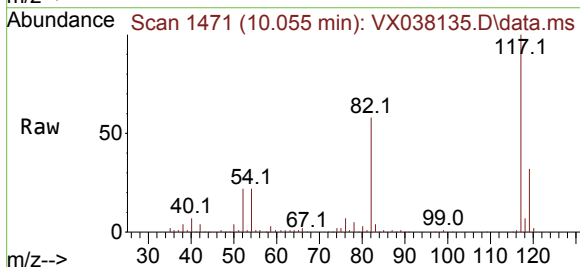
Instrument :
MSVOA_X
ClientSampleId :

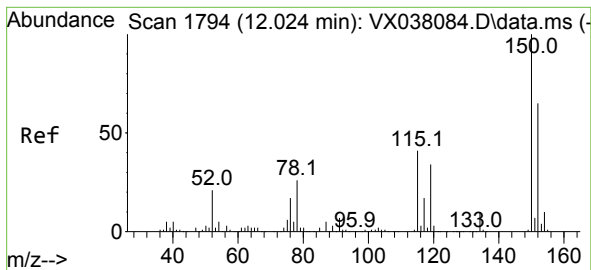
Tgt Ion: 95 Resp: 83667
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 77.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038135.D
Acq: 06 Oct 2023 16:54

Tgt Ion: 117 Resp: 179592
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.7 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: VX038135.D

Acq: 06 Oct 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

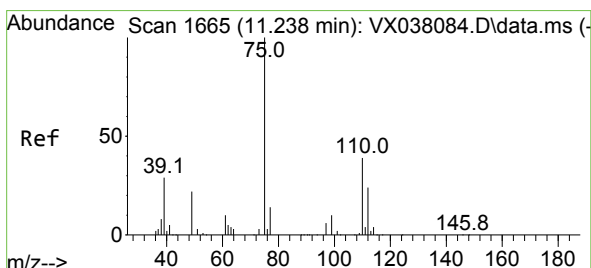
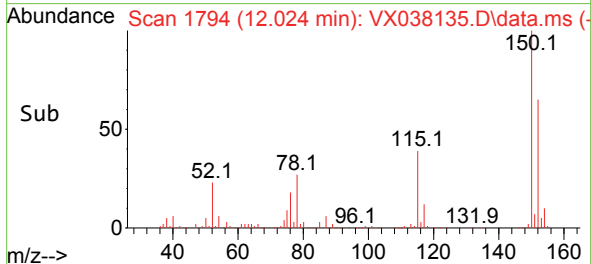
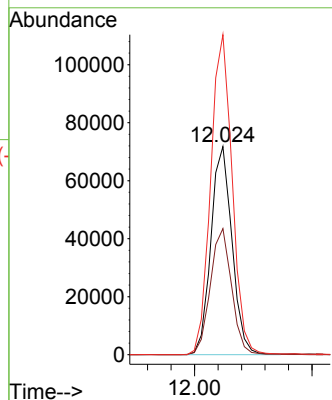
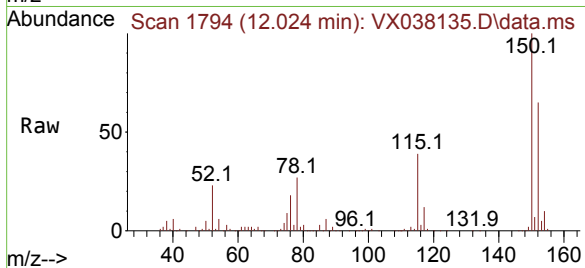
Tgt Ion:152 Resp: 89700

Ion Ratio Lower Upper

152 100

115 61.1 43.3 129.9

150 156.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.047 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038135.D

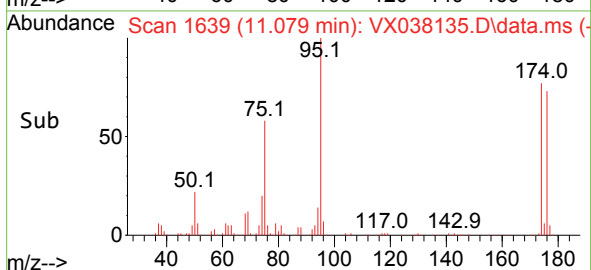
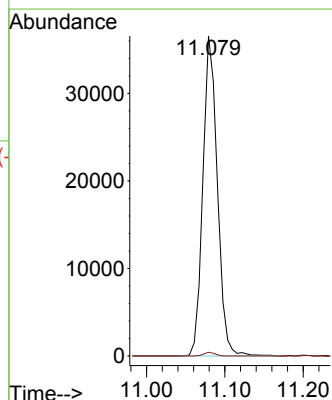
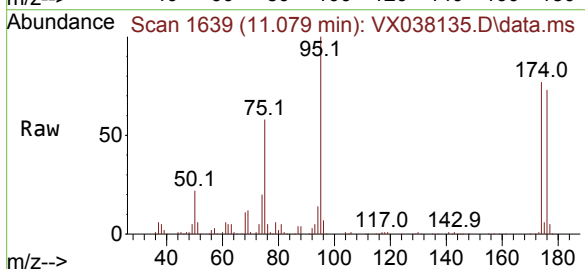
Acq: 06 Oct 2023 16:54

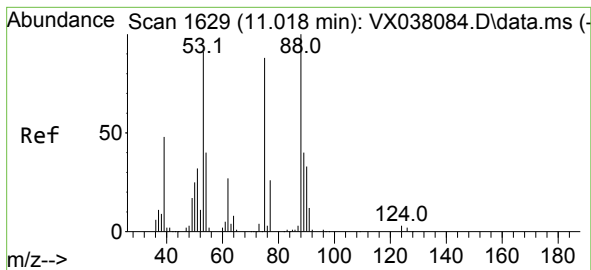
Tgt Ion: 75 Resp: 46998

Ion Ratio Lower Upper

75 100

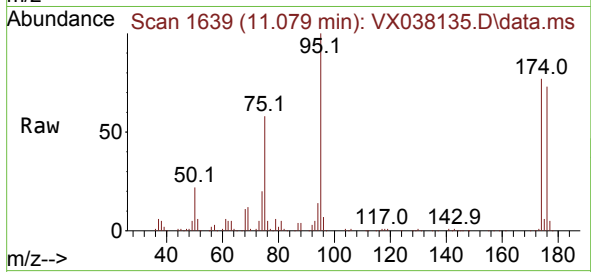
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.901 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038135.D
 Acq: 06 Oct 2023 16:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 46998
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

