

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038426.D
 Acq On : 23 Oct 2023 12:45
 Operator : JC/MD
 Sample : 04985-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:00:44 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)

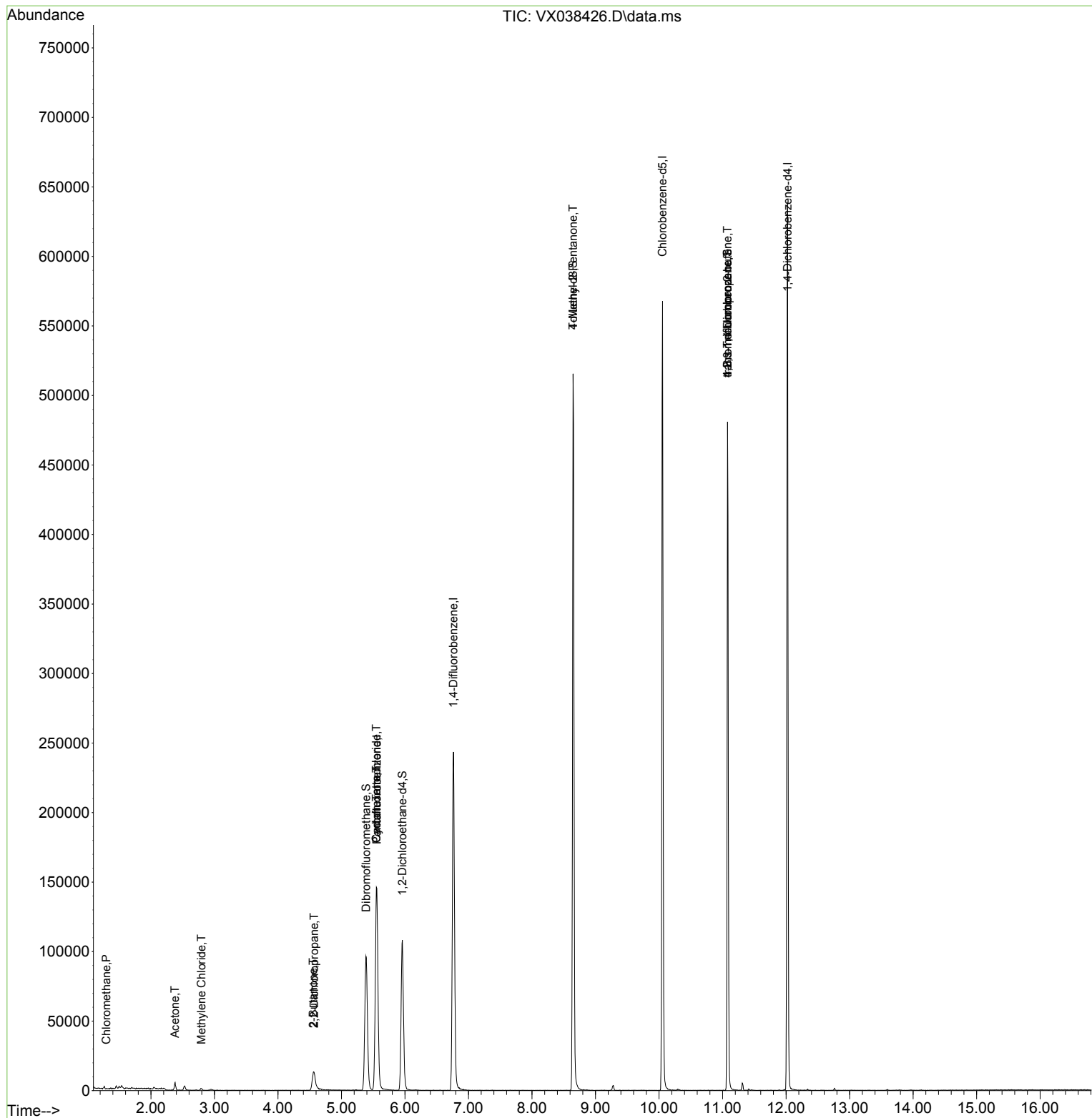
Internal Standards						
1) Pentafluorobenzene	5.556	168	141667	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	252700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100758	44.219	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.440%
35) Dibromofluoromethane	5.385	113	83313	45.755	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.500%
50) Toluene-d8	8.647	98	315462	45.338	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.680%#
62) 4-Bromofluorobenzene	11.079	95	119853	45.436	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	316	0.227	ug/l	# 43
5) Bromomethane	1.581	94	26	Below Cal	#	3
6) Chloroethane	1.697	64	53	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	878	Below Cal	#	78
16) Acetone	2.379	43	5237	5.507	ug/l	# 82
20) Methylene Chloride	2.794	84	691	0.386	ug/l	# 81
25) 2-Butanone	4.556	43	831	0.542	ug/l	# 51
26) 2,2-Dichloropropane	4.568	77	1155	0.502	ug/l	# 54
31) Cyclohexane	5.550	56	3537	1.433	ug/l	# 11
38) Carbon Tetrachloride	5.550	117	14515	5.876	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1495	0.487	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	65462	21.162	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	65462	60.840	ug/l	# 5

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

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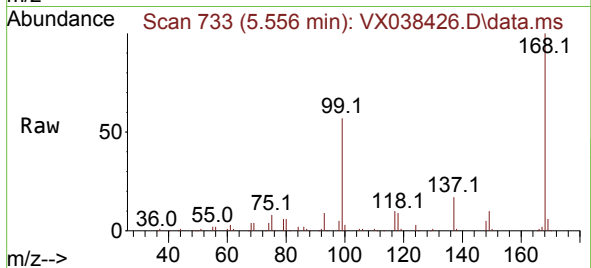
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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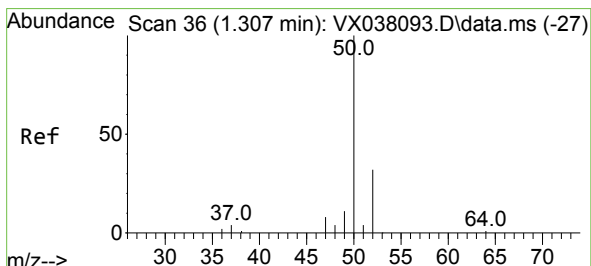
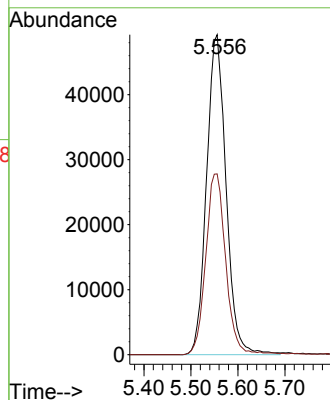
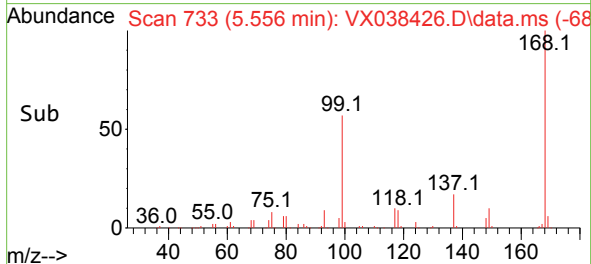


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :

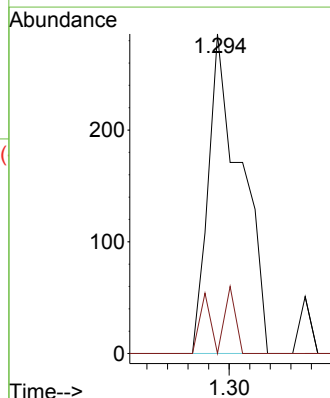
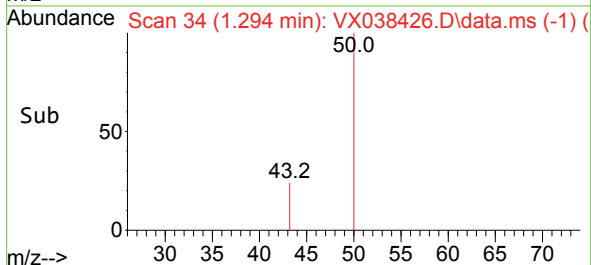
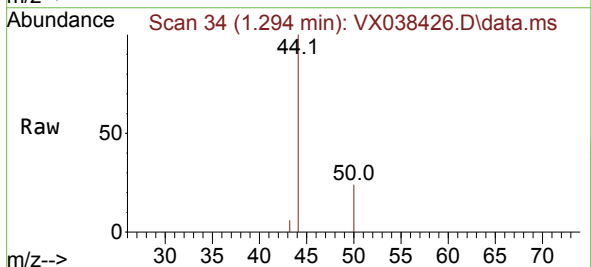


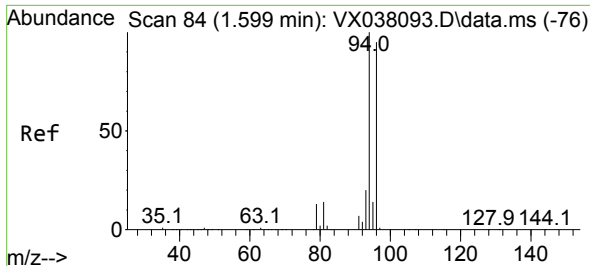
Tgt Ion:168 Resp: 141667
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

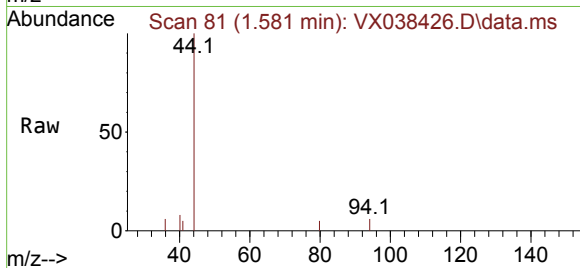
Tgt Ion: 50 Resp: 316
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



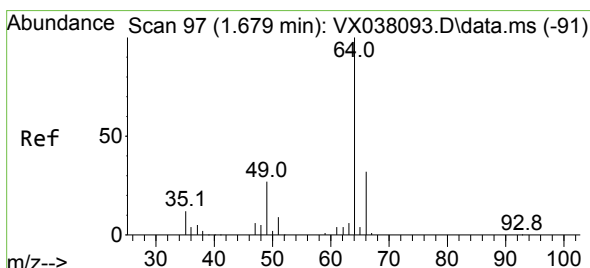
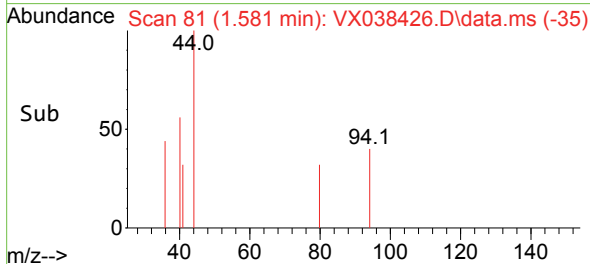
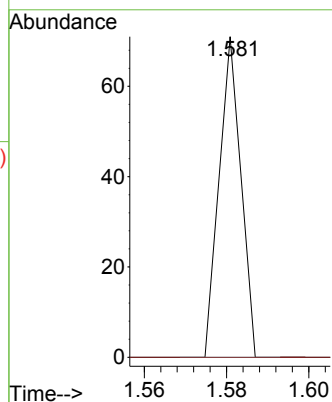


#5
 Bromomethane
 Concen: Below Cal
 RT: 1.581 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: VX038426.D
 Acq: 23 Oct 2023 12:45

Instrument :
 MSVOA_X
 ClientSampleId :

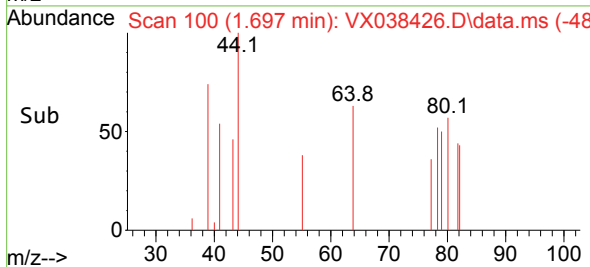
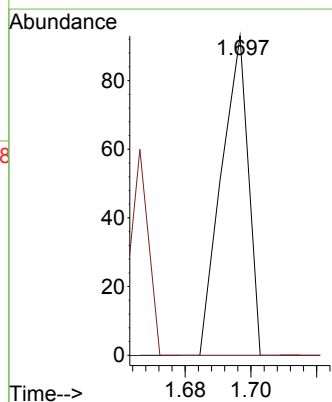
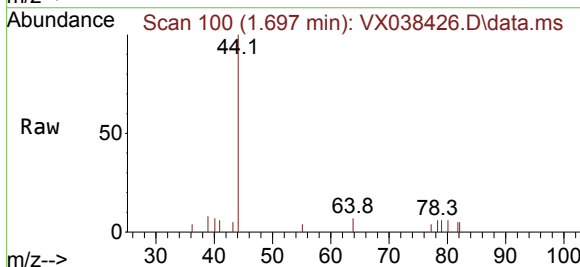


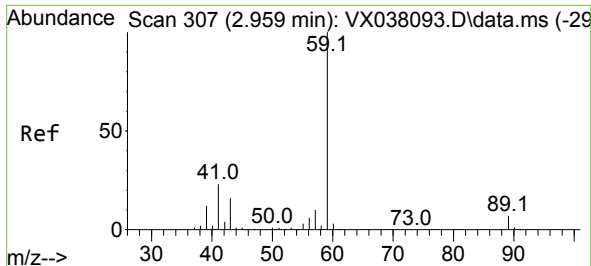
Tgt Ion: 94 Resp: 26
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.6 111.8#



#6
 Chloroethane
 Concen: Below Cal
 RT: 1.697 min Scan# 100
 Delta R.T. 0.018 min
 Lab File: VX038426.D
 Acq: 23 Oct 2023 12:45

Tgt Ion: 64 Resp: 53
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#

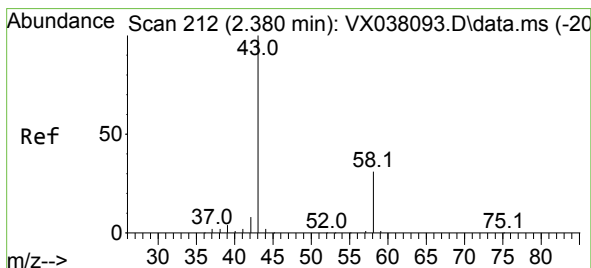
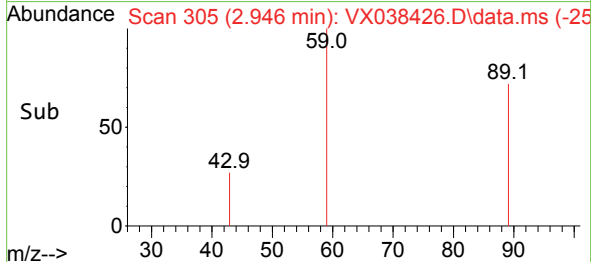
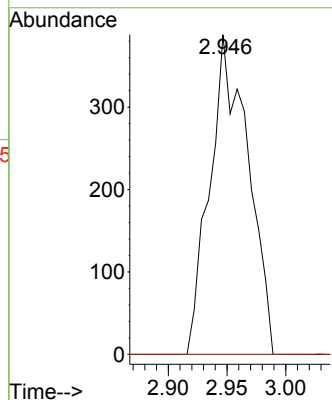
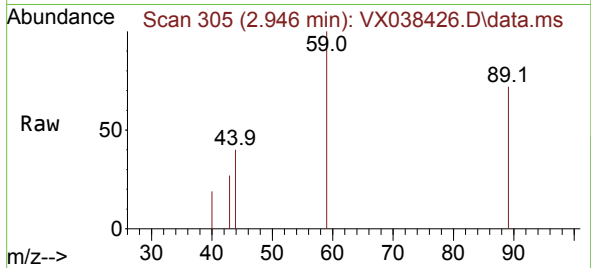




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 307
Delta R.T. -0.013 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

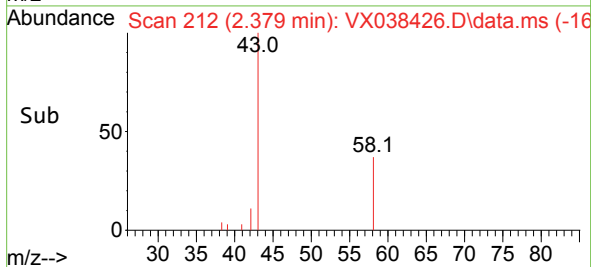
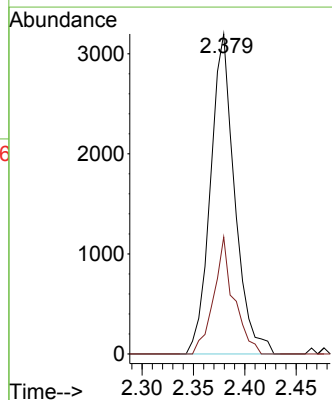
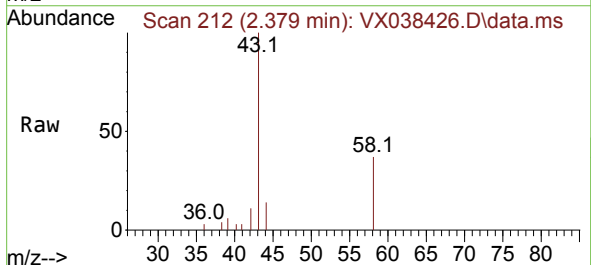
Instrument :
MSVOA_X
ClientSampleId :

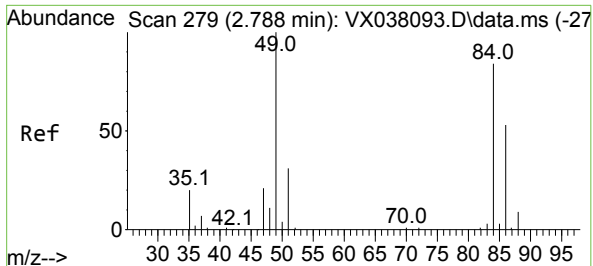
Tgt Ion: 59 Resp: 878
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 5.507 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

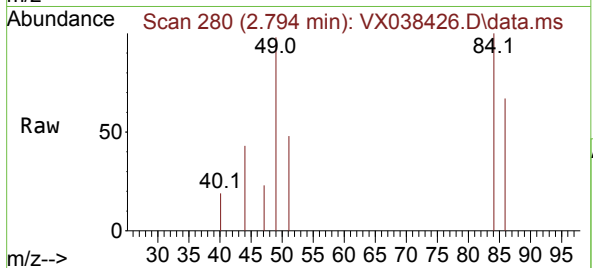
Tgt Ion: 43 Resp: 5237
Ion Ratio Lower Upper
43 100
58 36.6 21.9 32.9#



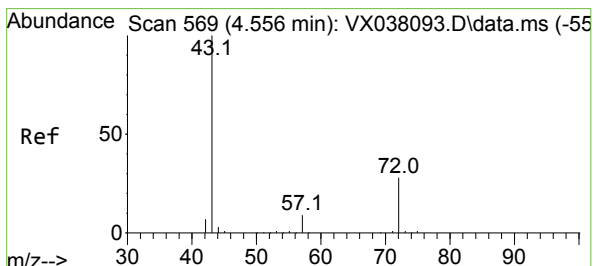
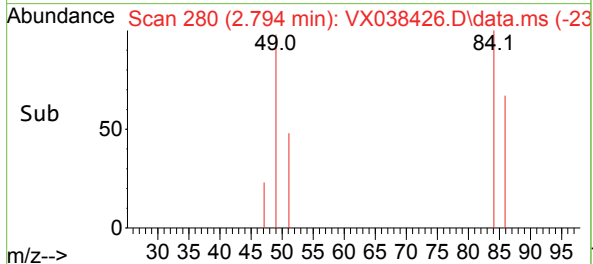
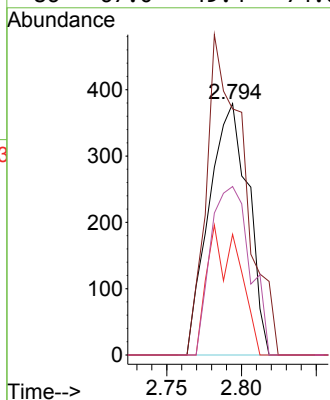


#20
Methylene Chloride
Concen: 0.386 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :

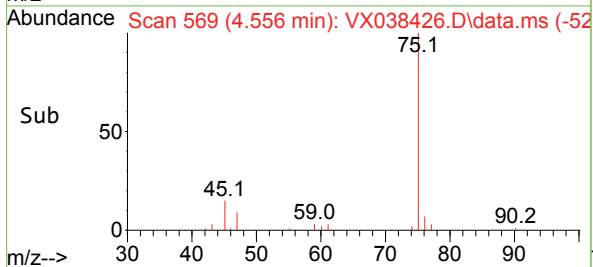
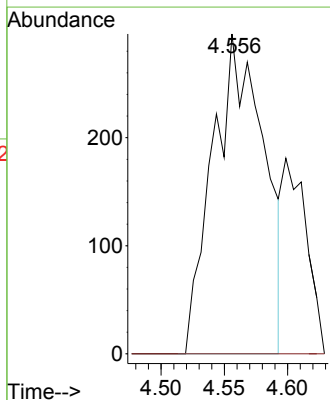
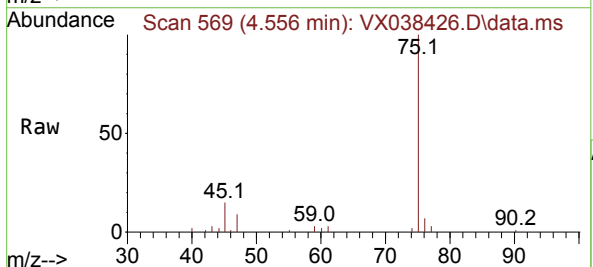


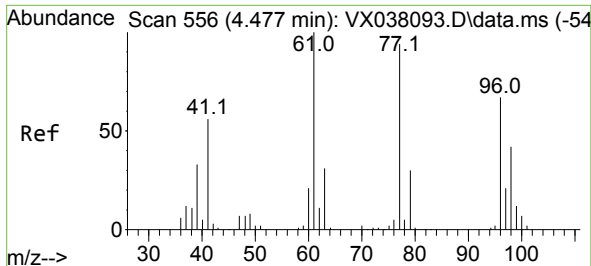
Tgt Ion: 84	Resp: 691
Ion Ratio	Lower Upper
84 100	
49 97.9	103.6 155.4#
51 48.0	33.8 50.6
86 67.0	49.4 74.0



#25
2-Butanone
Concen: 0.542 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

Tgt Ion: 43	Resp: 831		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	19.4	29.2#	

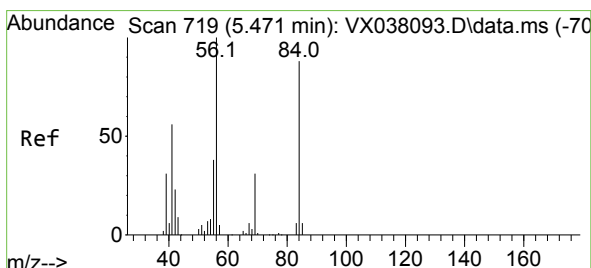
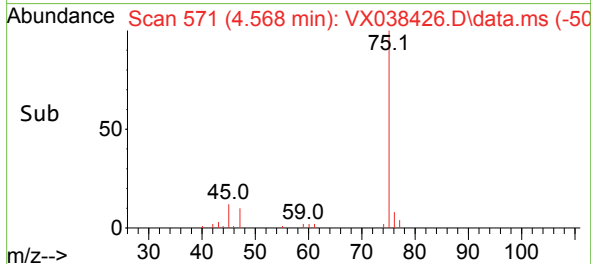
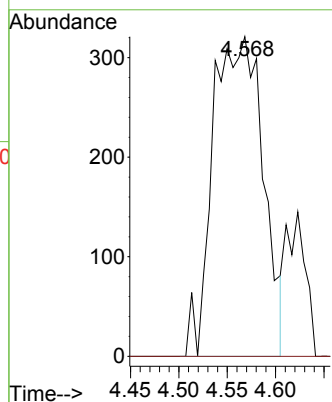
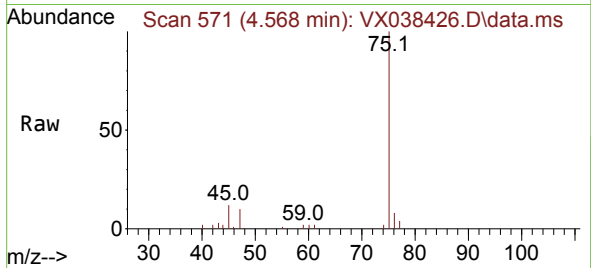




#26
2,2-Dichloropropane
Concen: 0.502 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.091 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

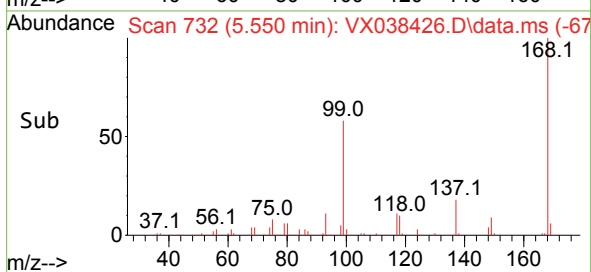
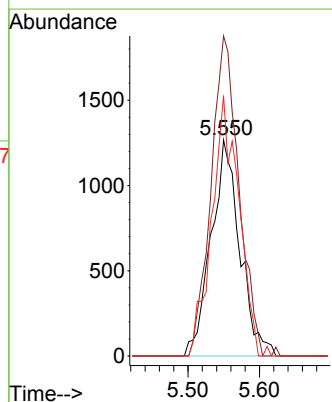
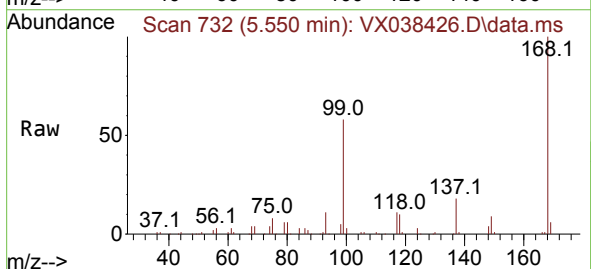
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MSVOA_X
ClientSampleId :

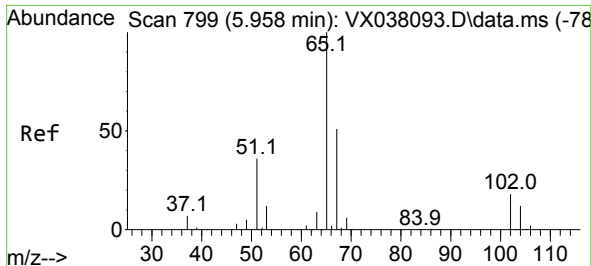
Tgt Ion: 77 Resp: 1155
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.433 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

Tgt Ion: 56 Resp: 3537
Ion Ratio Lower Upper
56 100
69 148.1 23.4 35.2#
84 120.5 65.9 98.9#

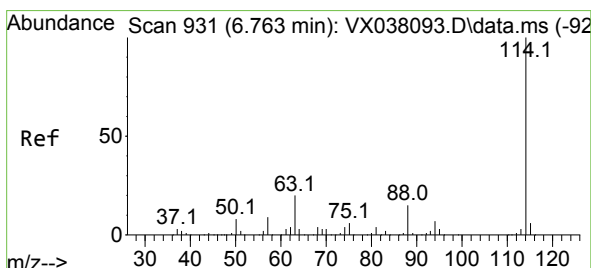
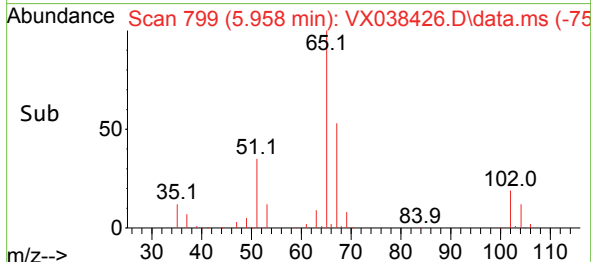
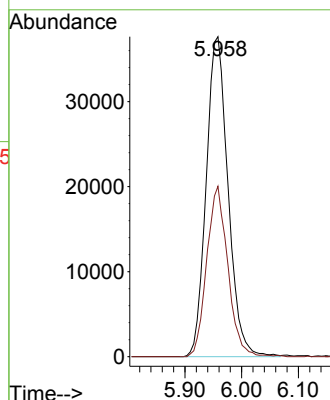
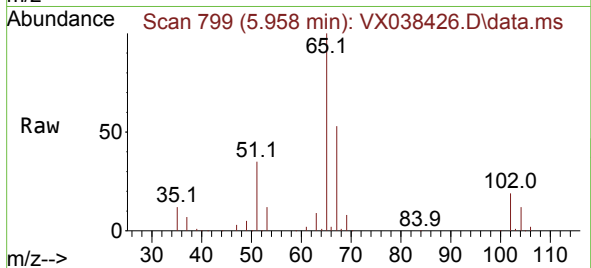




#33
 1,2-Dichloroethane-d4
 Concen: 44.219 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038426.D
 Acq: 23 Oct 2023 12:45

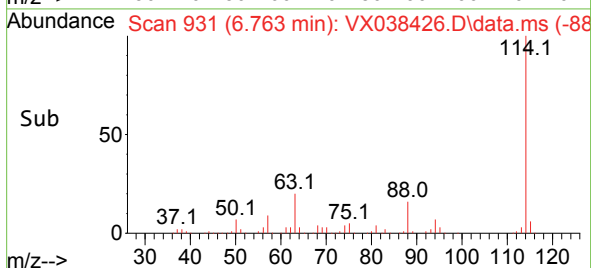
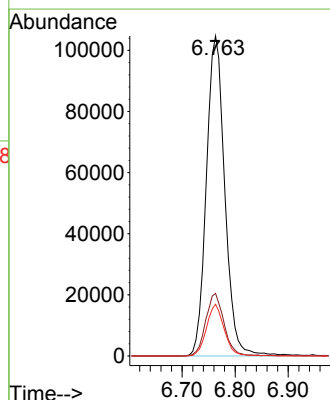
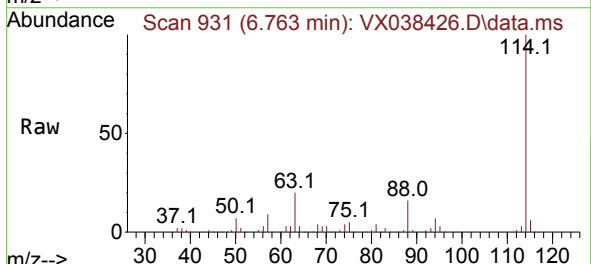
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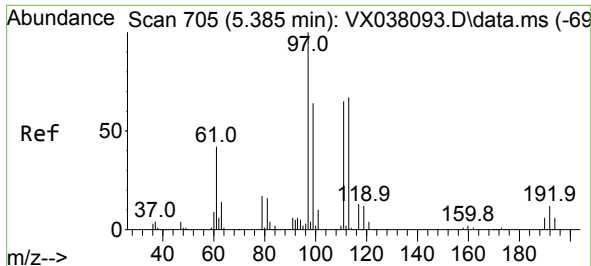
Tgt Ion: 65 Resp: 100758
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038426.D
 Acq: 23 Oct 2023 12:45

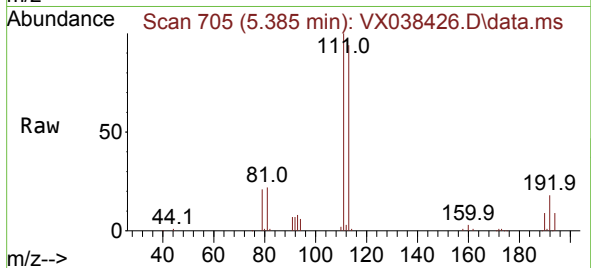
Tgt Ion:114 Resp: 252700
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 45.0
 88 16.2 0.0 36.6



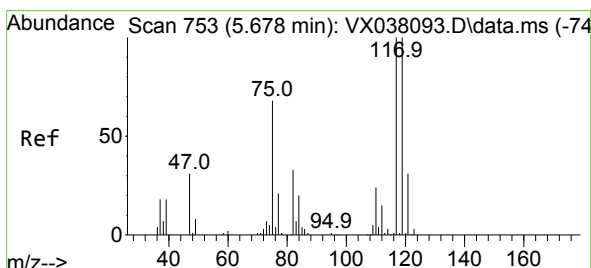
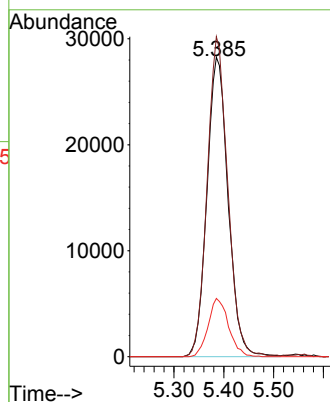
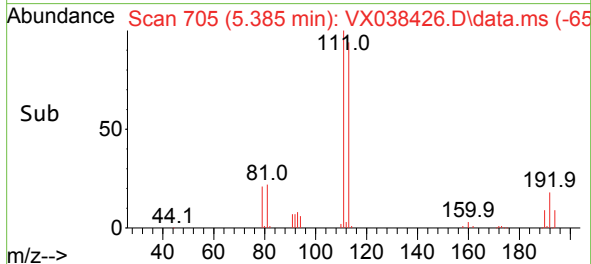


#35
Dibromofluoromethane
Concen: 45.755 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :

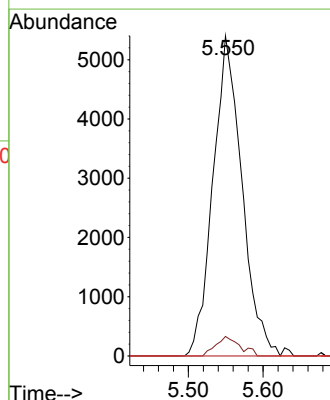
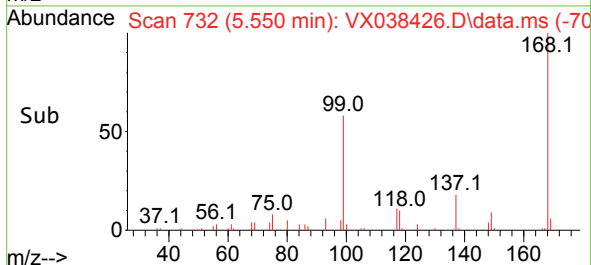
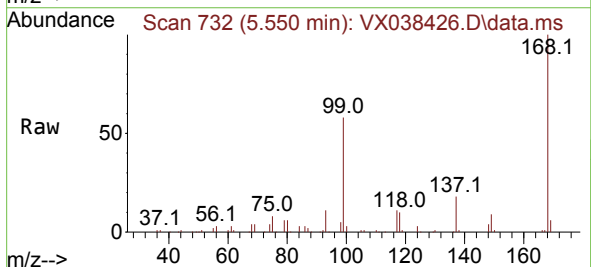


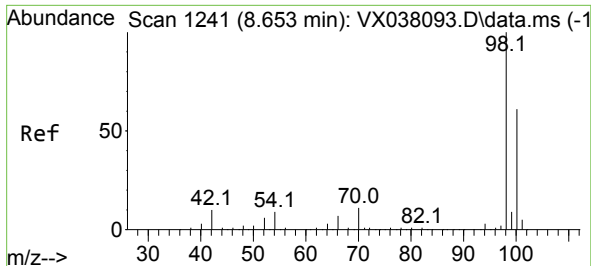
Tgt Ion:113 Resp: 83313
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.8 13.3 19.9



#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

Tgt Ion:117 Resp: 14515
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 45.338 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038426.D

Acq: 23 Oct 2023 12:45

Instrument :

MSVOA_X

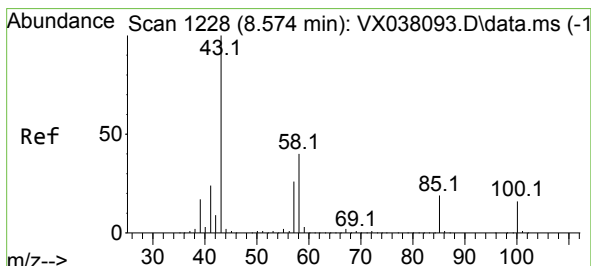
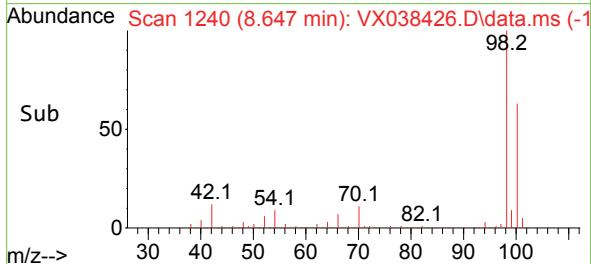
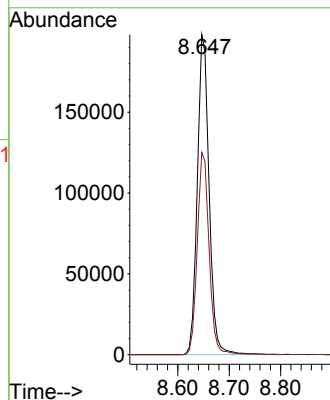
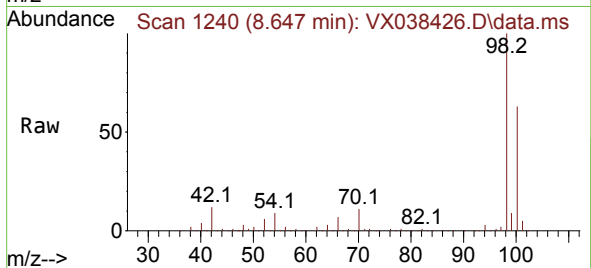
ClientSampleId :

Tgt Ion: 98 Resp: 315462

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.487 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX038426.D

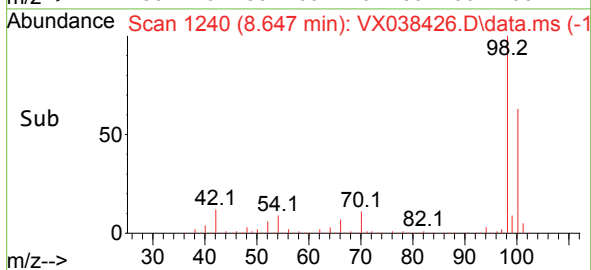
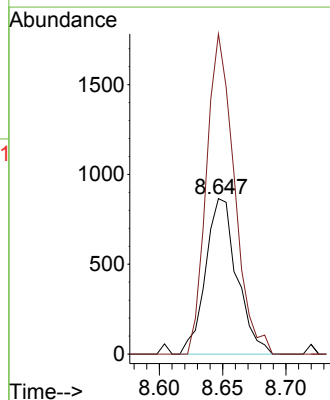
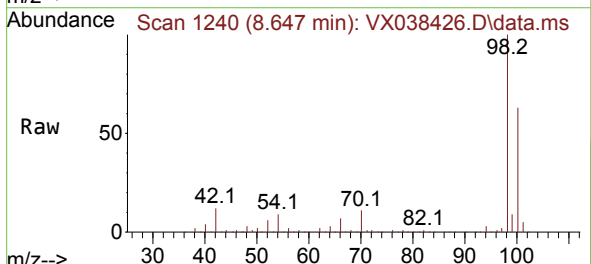
Acq: 23 Oct 2023 12:45

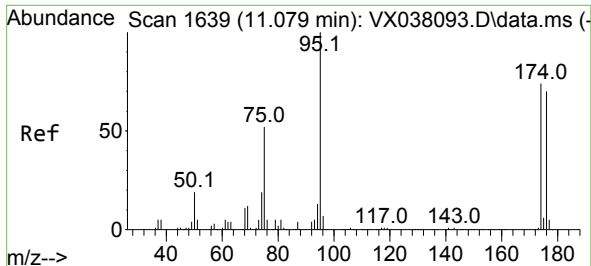
Tgt Ion: 43 Resp: 1495

Ion Ratio Lower Upper

43 100

58 182.7 30.4 45.6#

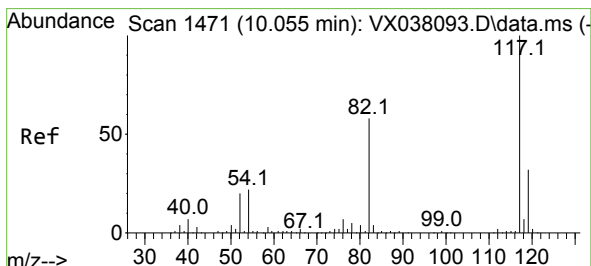
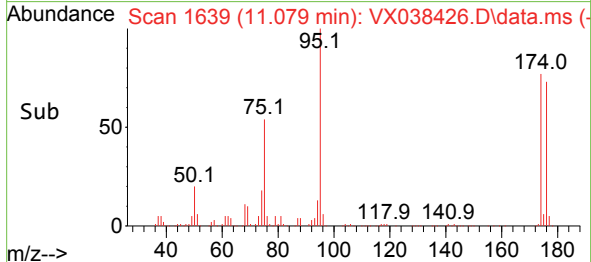
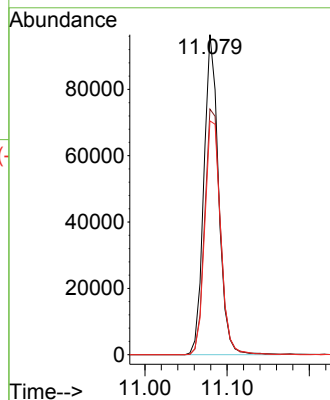
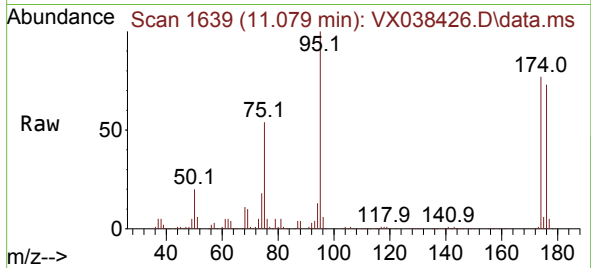




#62
4-Bromofluorobenzene
Concen: 45.436 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

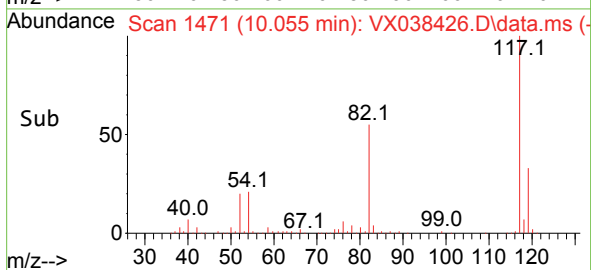
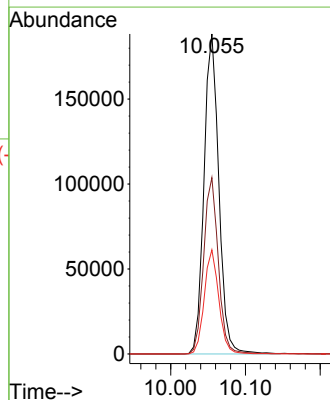
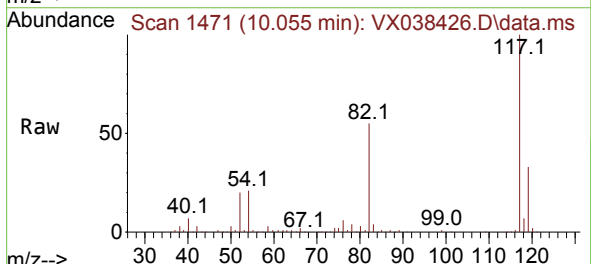
Instrument :
MSVOA_X
ClientSampleId :

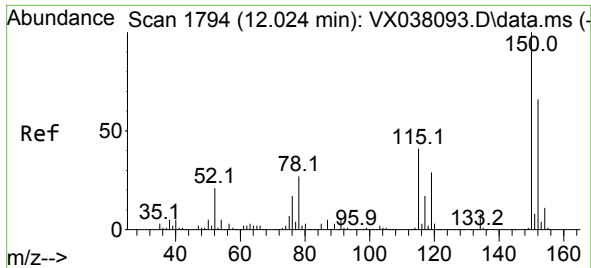
Tgt Ion: 95 Resp: 119853
Ion Ratio Lower Upper
95 100
174 82.2 0.0 135.6
176 79.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

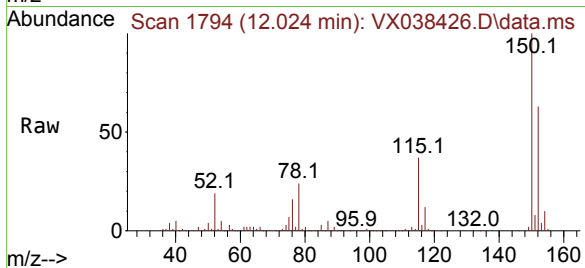
Tgt Ion: 117 Resp: 259948
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.5 25.5 38.3



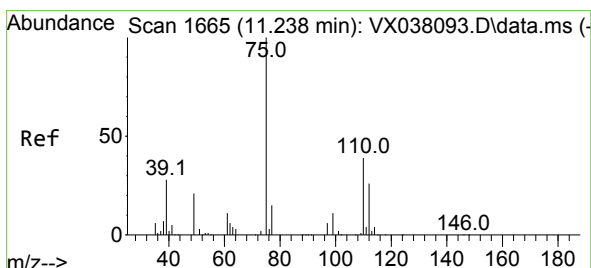
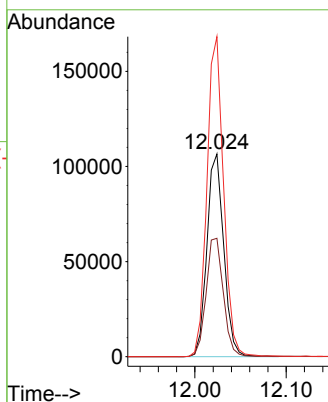
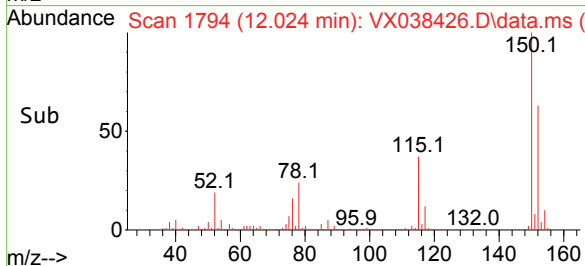


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038426.D
 Acq: 23 Oct 2023 12:45

Instrument :
 MSVOA_X
 ClientSampleId :

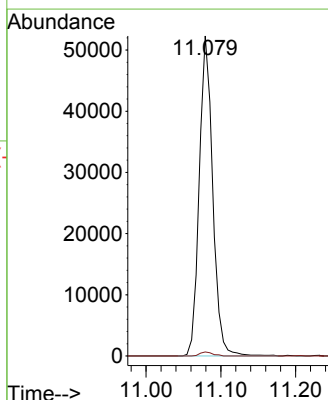
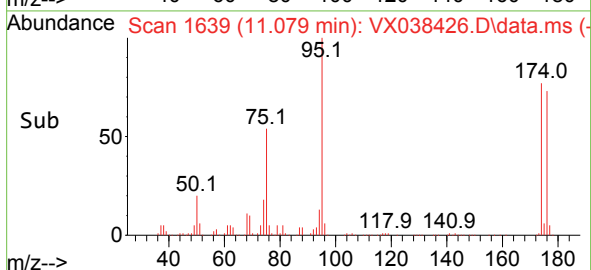
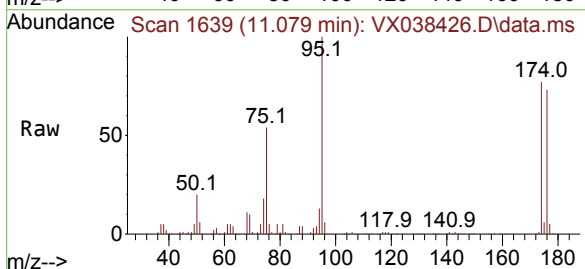


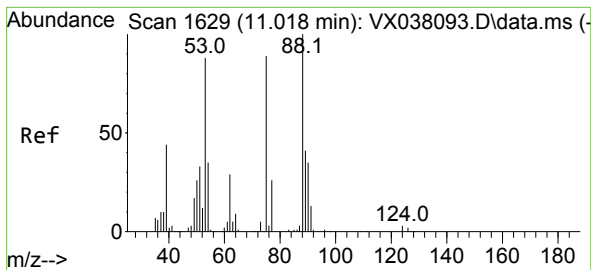
Tgt Ion:152 Resp: 136071
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.3 129.9
 150 155.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.162 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038426.D
 Acq: 23 Oct 2023 12:45

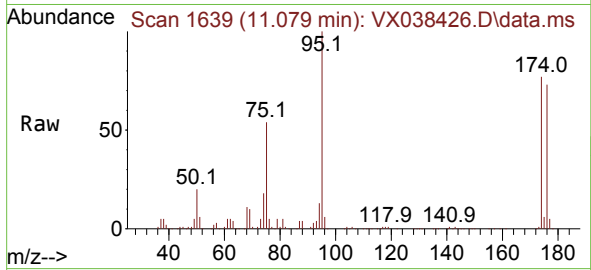
Tgt Ion: 75 Resp: 65462
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.840 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038426.D
Acq: 23 Oct 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 65462
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

