

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038523.D
 Acq On : 26 Oct 2023 17:19
 Operator : JC/MD
 Sample : 05063-03 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:20:08 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.	T. QIon	Response	Conc	Units	Dev(Min)

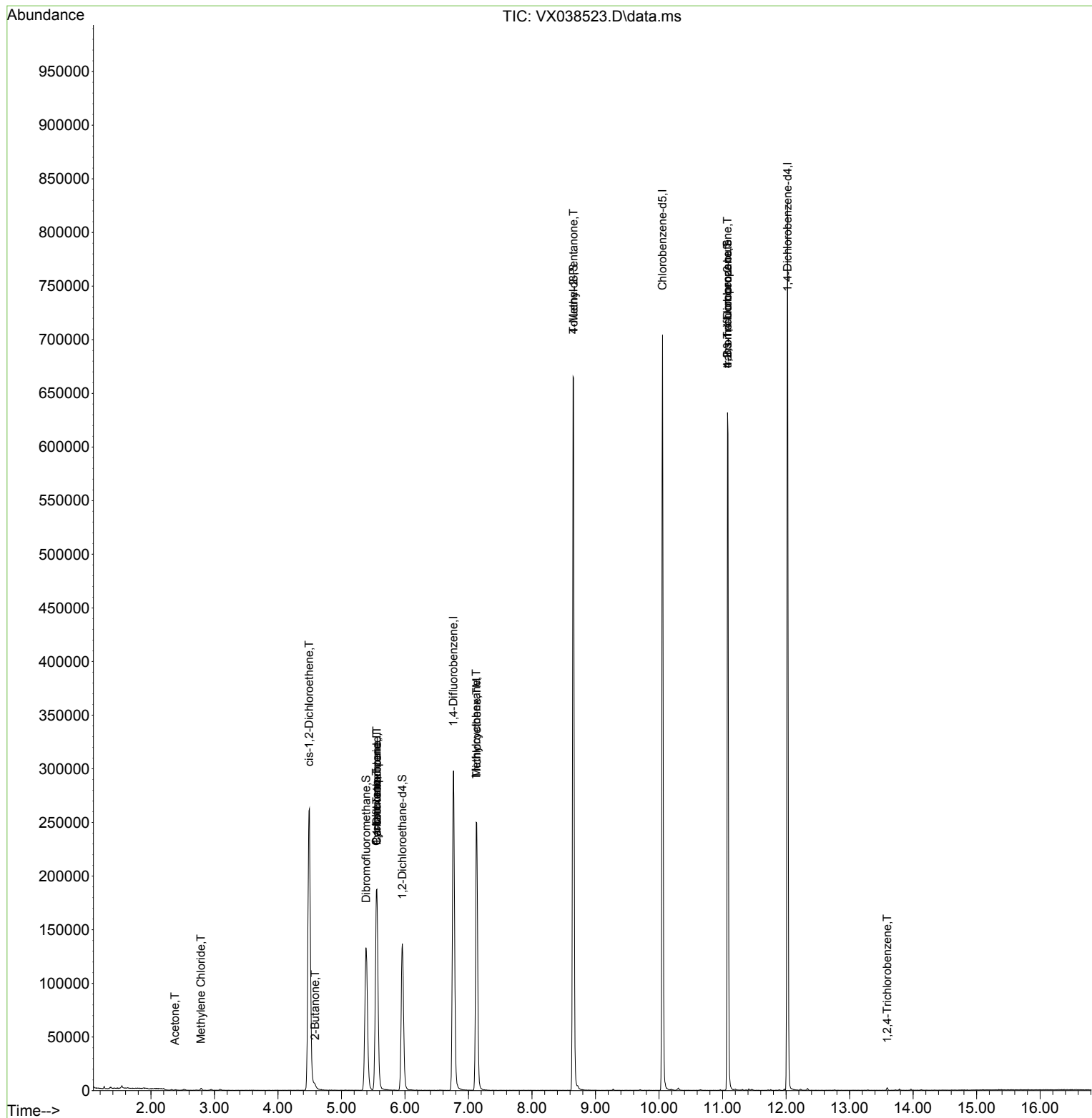
Internal Standards						
1) Pentafluorobenzene	5.556	168	190428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	319261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129333	42.225	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.460%
35) Dibromofluoromethane	5.385	113	116082	50.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.920%
50) Toluene-d8	8.653	98	424992	48.346	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.079	95	167528	50.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.540%
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	61	Below Cal	#	3
6) Chloroethane	1.685	64	220	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	485	Below Cal	#	78
16) Acetone	2.380	43	609	0.476	ug/l	96
20) Methylene Chloride	2.788	84	853	0.355	ug/l	# 80
25) 2-Butanone	4.586	43	430	0.208	ug/l	# 51
27) cis-1,2-Dichloroethene	4.489	96	175687	68.384	ug/l	78
31) Cyclohexane	5.550	56	3830	1.154	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	13164	4.150	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	18452	5.913	ug/l	# 16
39) Methylcyclohexane	7.123	83	1120	0.301	ug/l	# 1
44) Trichloroethene	7.129	130	100601	43.350	ug/l	93
51) 4-Methyl-2-Pentanone	8.653	43	1684	0.434	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	85442	21.264	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	85442	61.114	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	898	0.240	ug/l	93

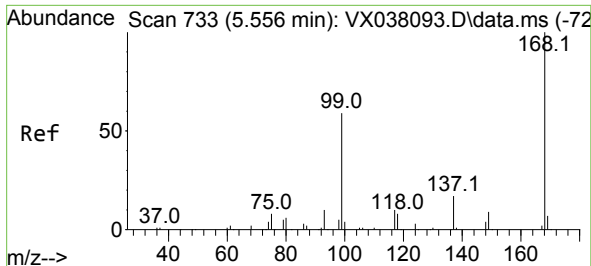
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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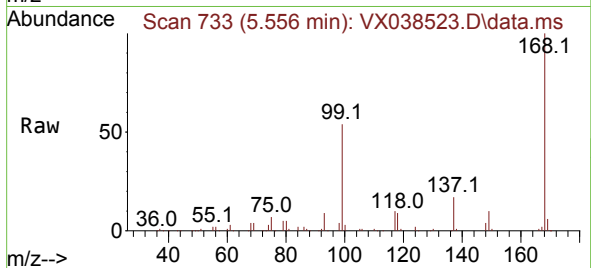
Quant Time: Oct 27 05:20:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



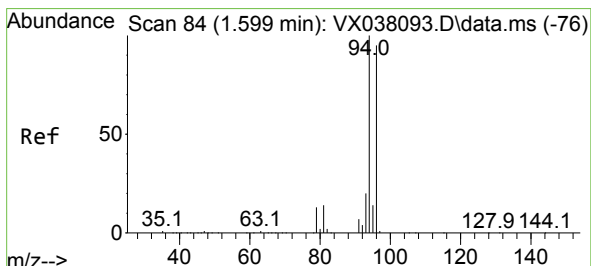
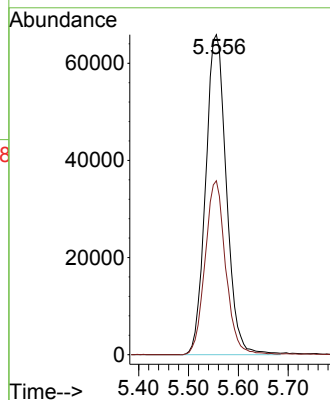
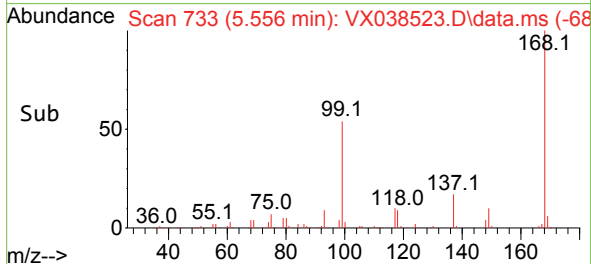


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

Instrument :
MSVOA_X
ClientSampleId :

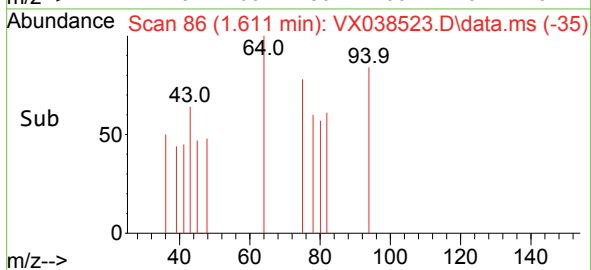
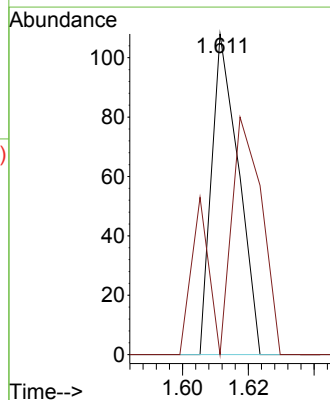
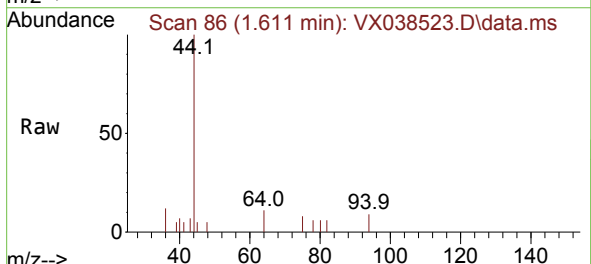


Tgt Ion:168 Resp: 190428
Ion Ratio Lower Upper
168 100
99 54.4 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

Tgt Ion: 94 Resp: 61
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

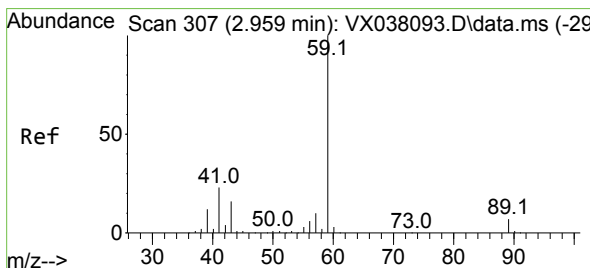
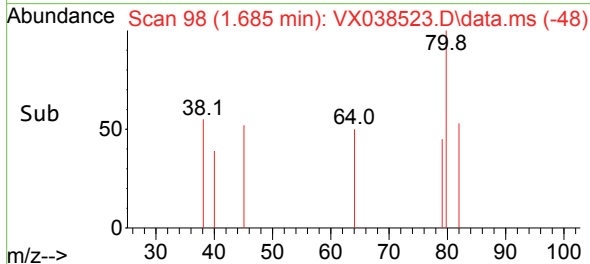
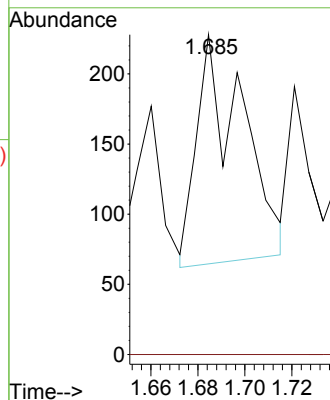
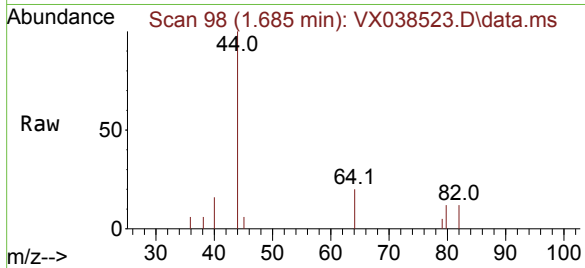




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

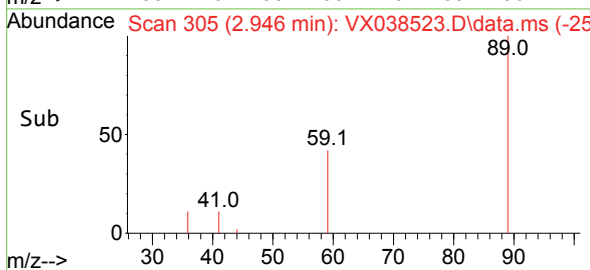
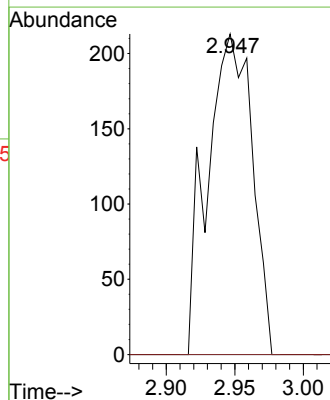
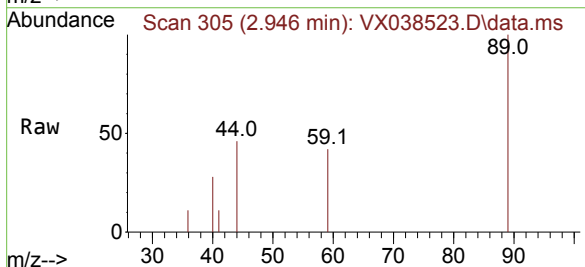
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 220
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# 305
Delta R.T. -0.013 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

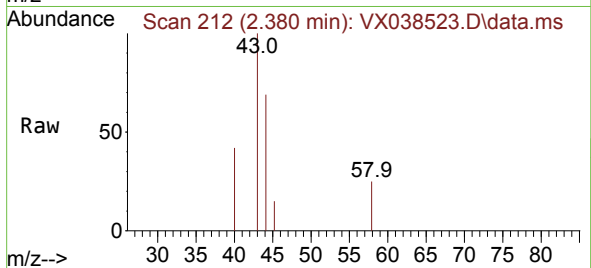
Tgt Ion: 59 Resp: 485
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



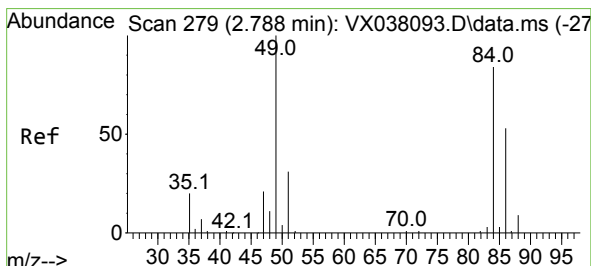
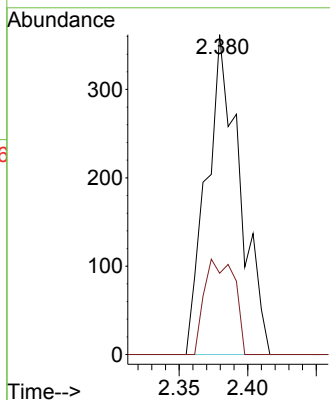
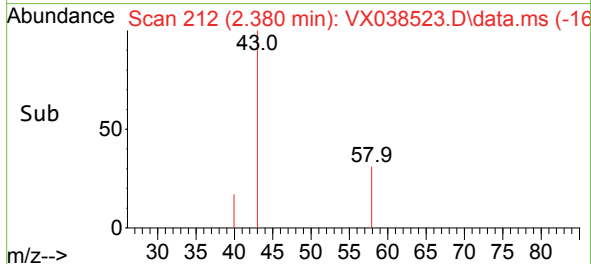


#16
Acetone
Concen: 0.476 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

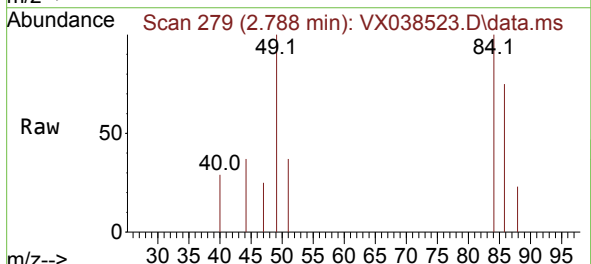
Instrument :
MSVOA_X
ClientSampleId :



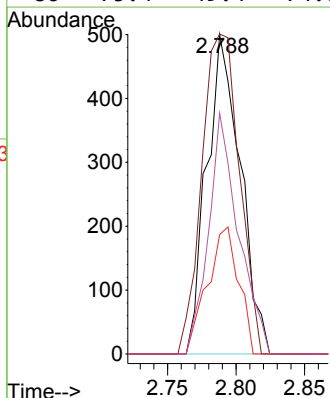
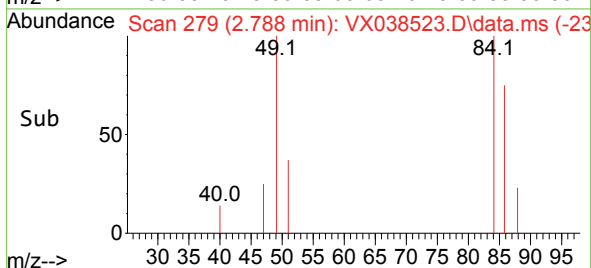
Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 25.4 21.9 32.9

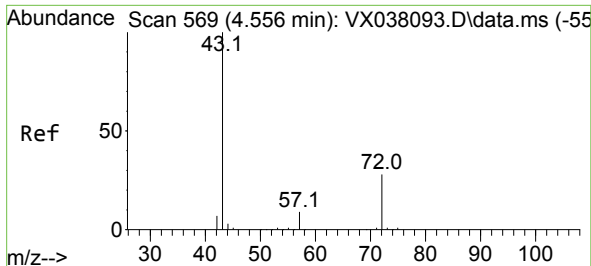


#20
Methylene Chloride
Concen: 0.355 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19



Tgt Ion: 84 Resp: 853
Ion Ratio Lower Upper
84 100
49 100.2 103.6 155.4#
51 37.4 33.8 50.6
86 75.4 49.4 74.0#

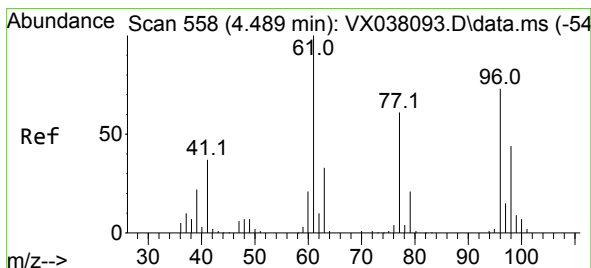
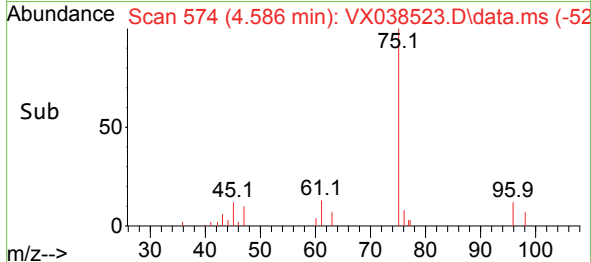
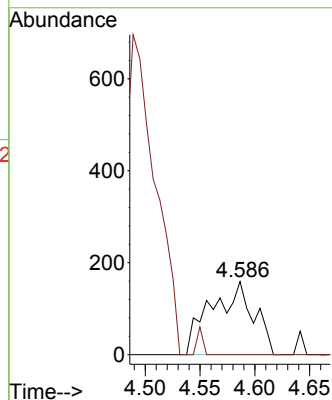
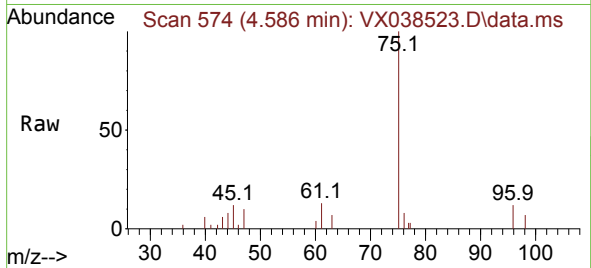




#25
2-Butanone
Concen: 0.208 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

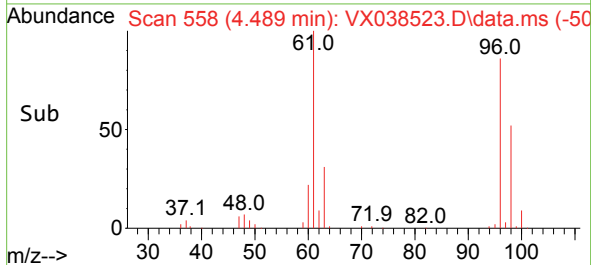
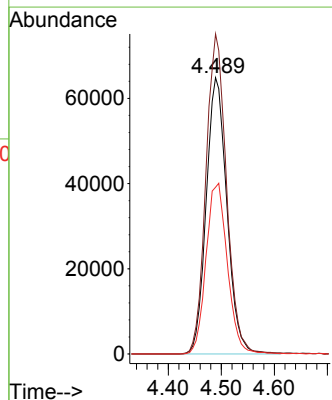
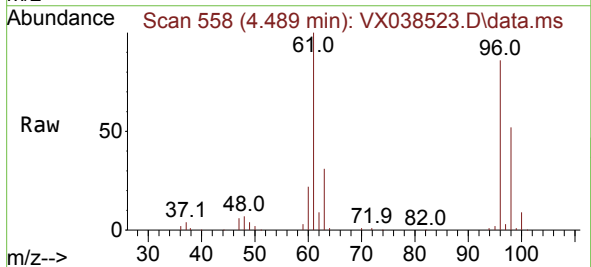
Instrument :
MSVOA_X
ClientSampleId :

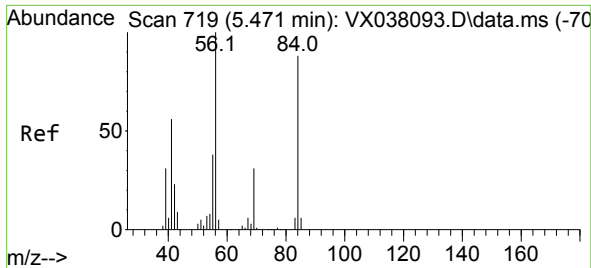
Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 68.384 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

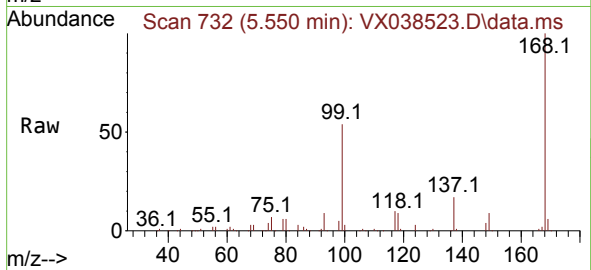
Tgt Ion: 96 Resp: 175687
Ion Ratio Lower Upper
96 100
61 115.4 0.0 312.2
98 63.8 0.0 129.0



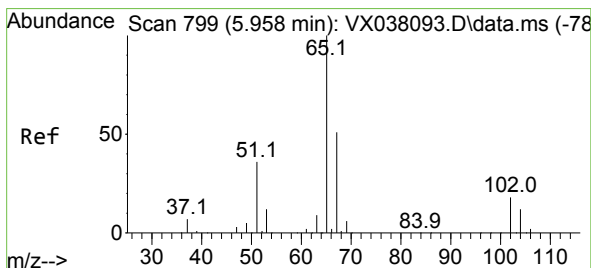
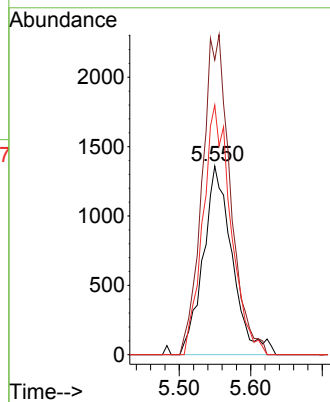
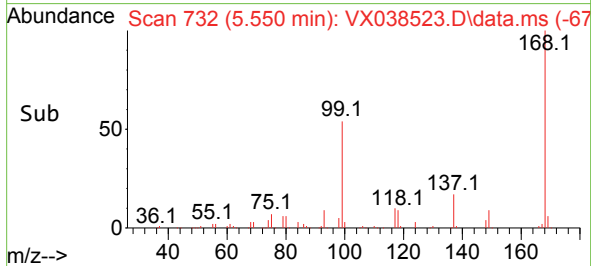


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

Instrument :
MSVOA_X
ClientSampleId :

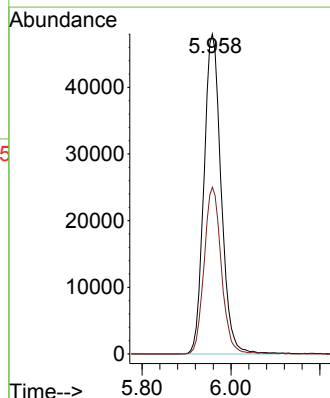
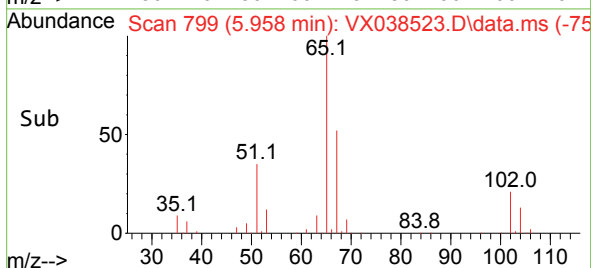
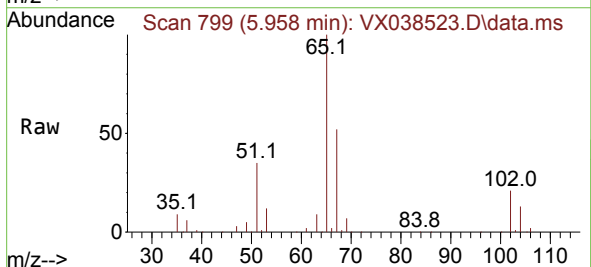


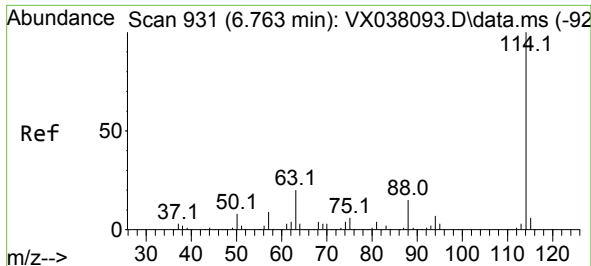
Tgt Ion: 56 Resp: 3830
Ion Ratio Lower Upper
56 100
69 156.2 23.4 35.2#
84 132.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.225 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

Tgt Ion: 65 Resp: 129333
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

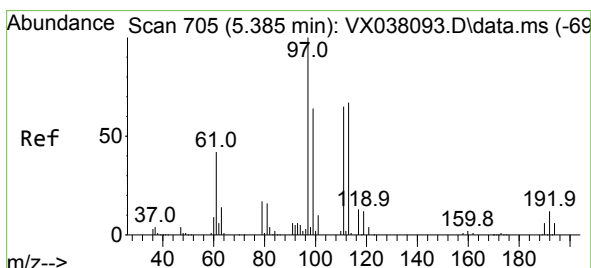
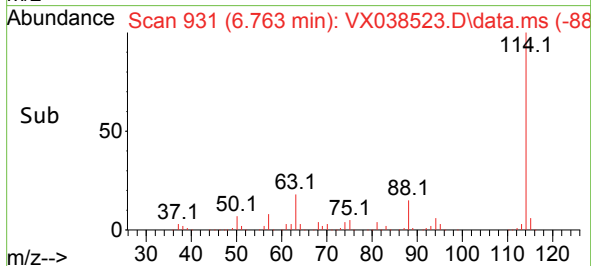
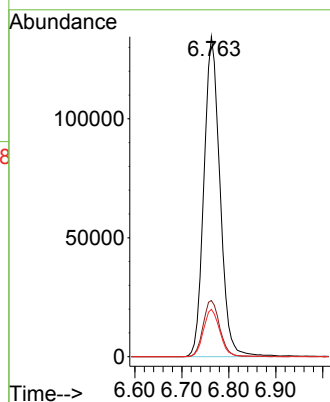
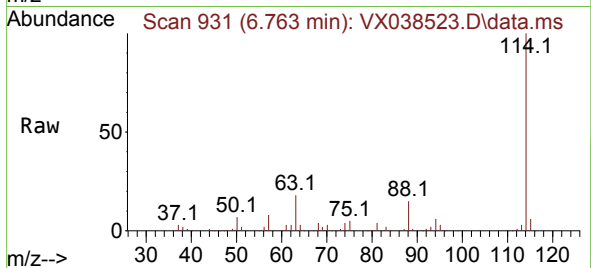




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

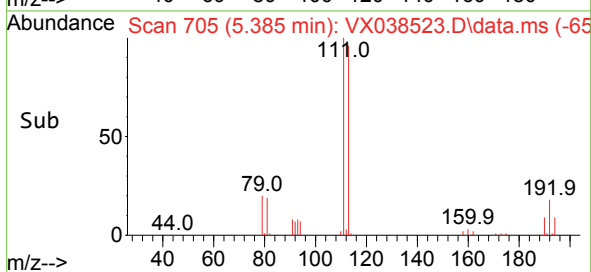
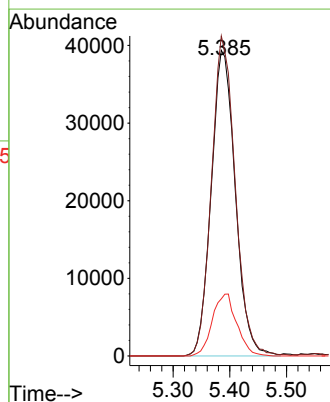
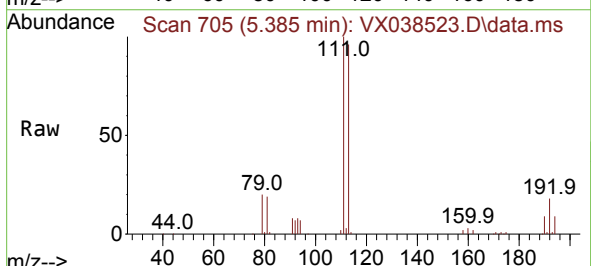
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MSVOA_X
ClientSampleId :

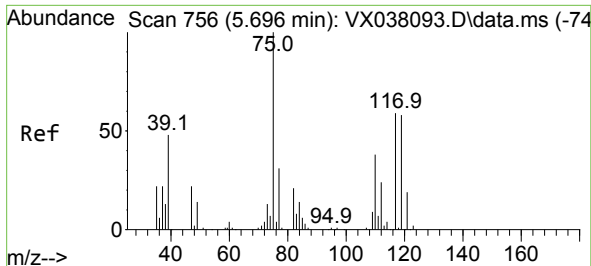
Tgt Ion:114 Resp: 319261
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.460 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

Tgt Ion:113 Resp: 116082
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 20.5 13.3 19.9#

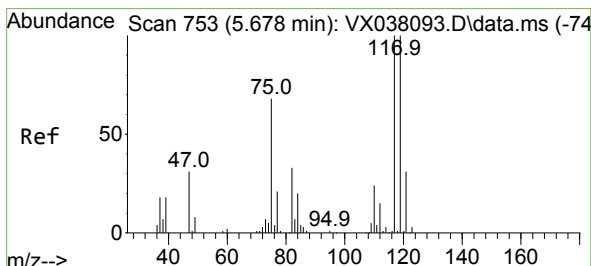
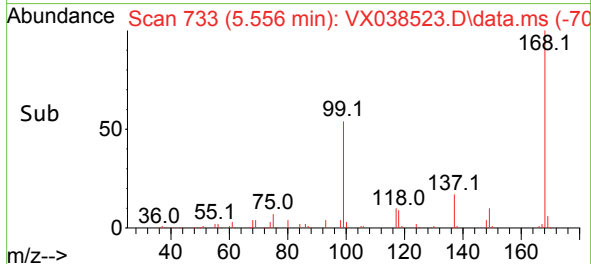
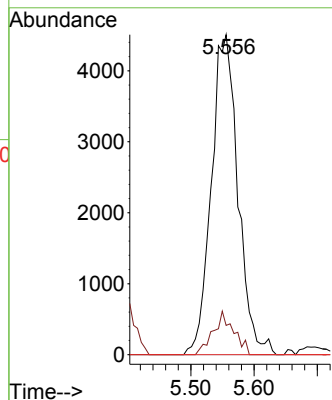
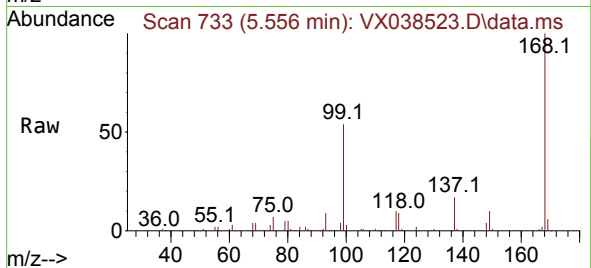




#36
1,1-Dichloropropene
Concen: 4.150 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

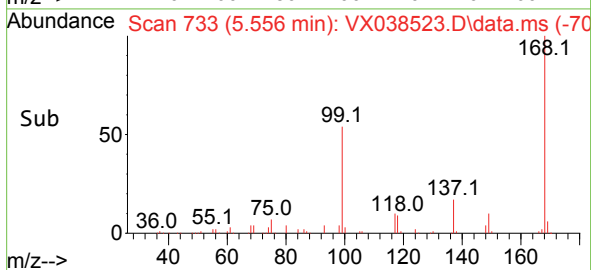
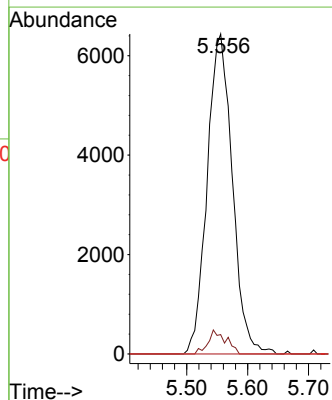
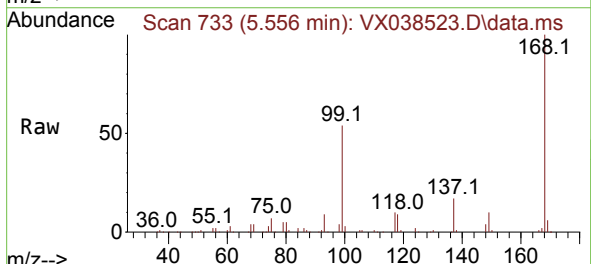
Instrument :
MSVOA_X
ClientSampleId :

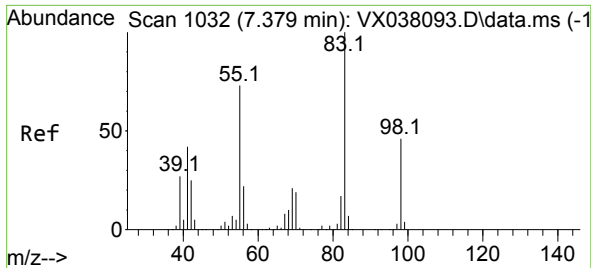
Tgt Ion: 75 Resp: 13164
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.913 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

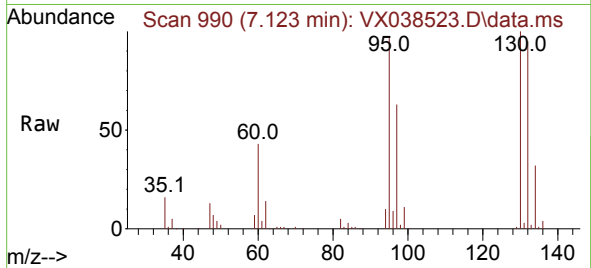
Tgt Ion: 117 Resp: 18452
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



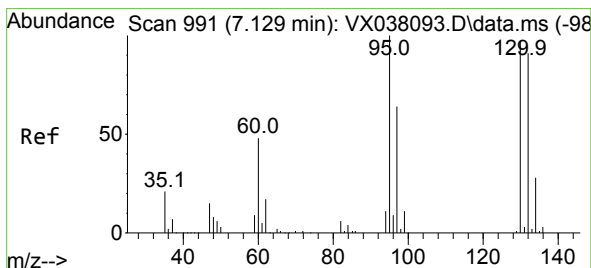
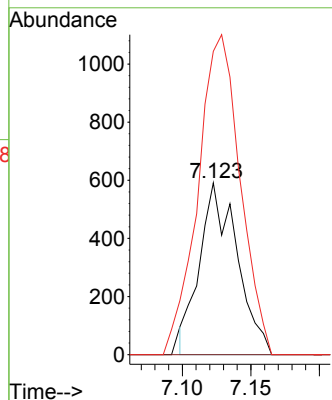
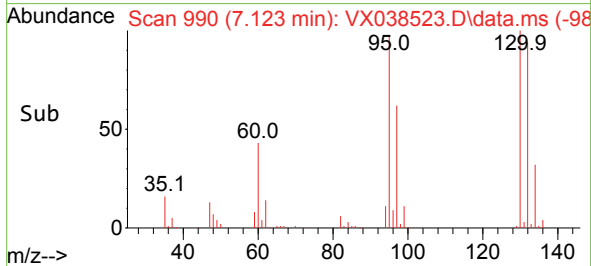


#39
Methylcyclohexane
Concen: 0.301 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

Instrument :
MSVOA_X
ClientSampleId :

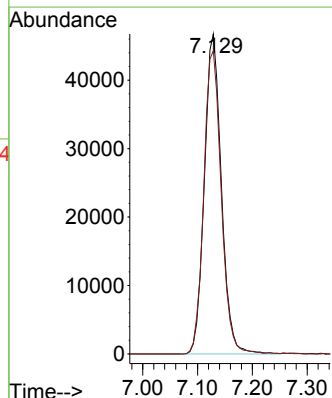
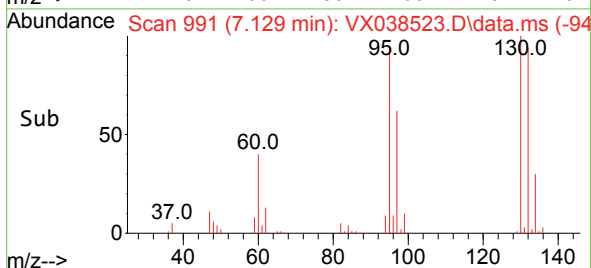
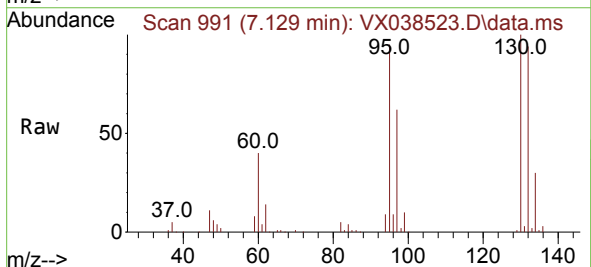


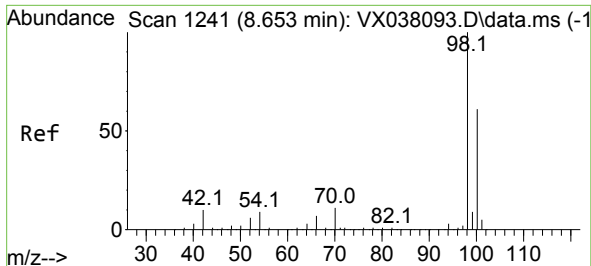
Tgt Ion: 83 Resp: 1120
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 176.6 36.7 55.1#



#44
Trichloroethene
Concen: 43.350 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

Tgt Ion:130 Resp: 100601
Ion Ratio Lower Upper
130 100
95 94.7 0.0 204.4

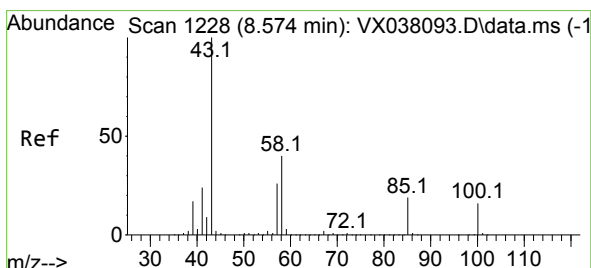
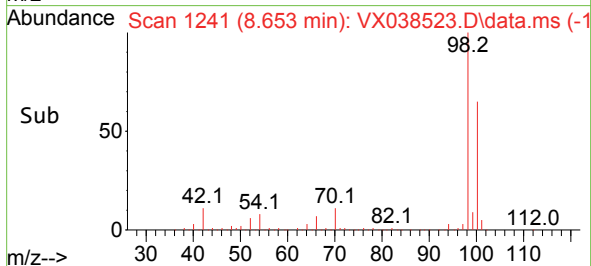
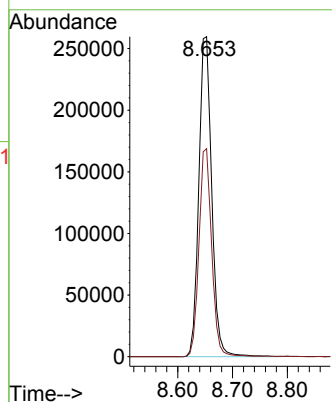
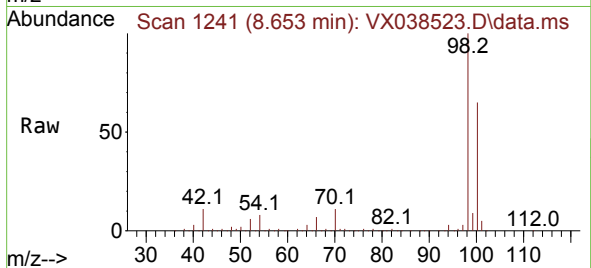




#50
Toluene-d8
Concen: 48.346 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

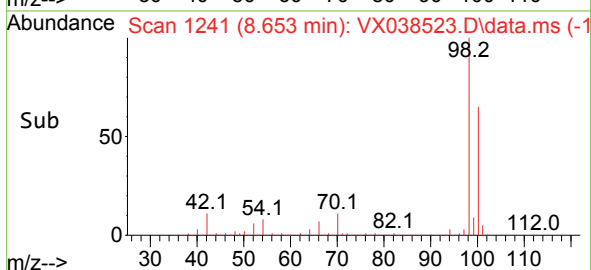
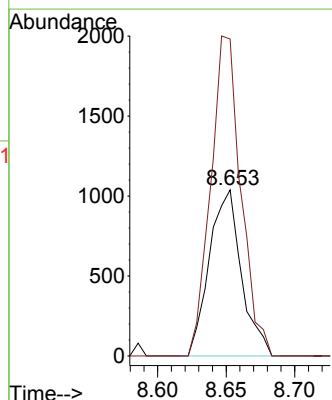
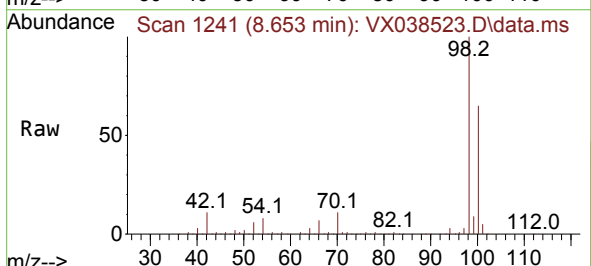
Instrument :
MSVOA_X
ClientSampleId :

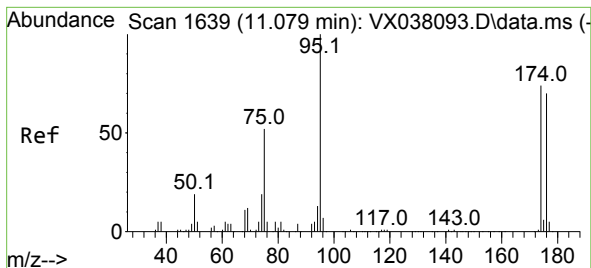
Tgt Ion: 98 Resp: 424992
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.434 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

Tgt Ion: 43 Resp: 1684
Ion Ratio Lower Upper
43 100
58 182.4 30.4 45.6#

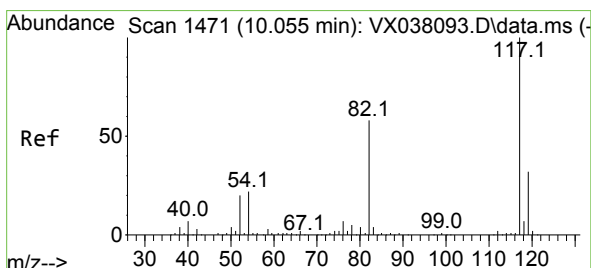
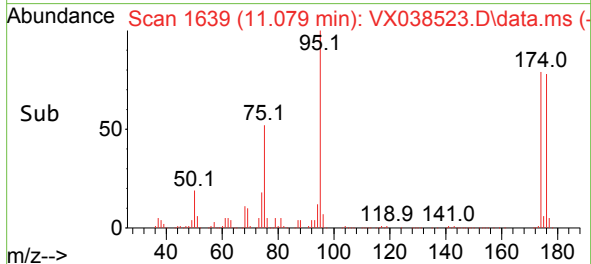
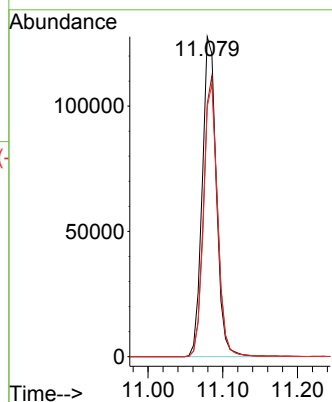
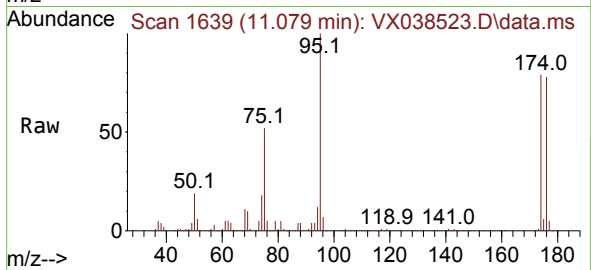




#62
4-Bromofluorobenzene
Concen: 50.269 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

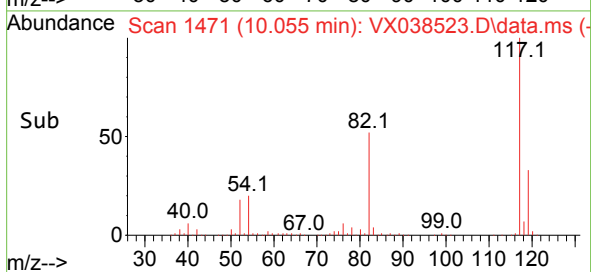
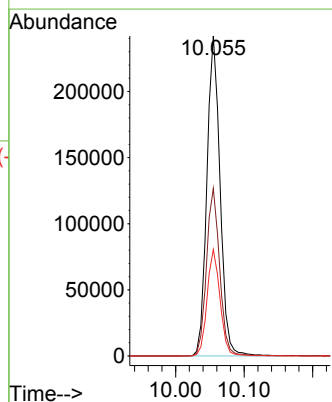
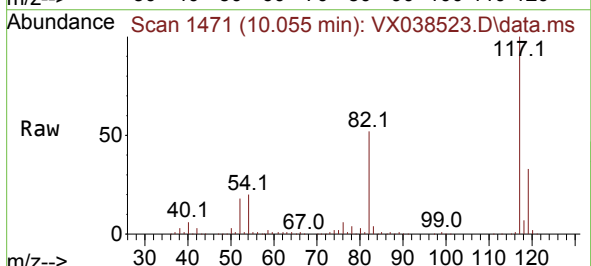
Instrument :
MSVOA_X
ClientSampleId :

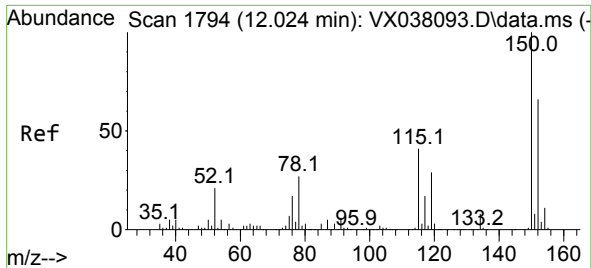
Tgt Ion: 95 Resp: 167528
Ion Ratio Lower Upper
95 100
174 86.5 0.0 135.6
176 84.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

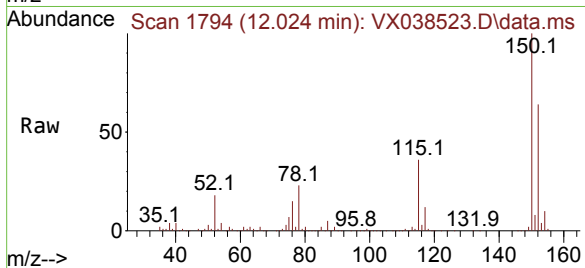
Tgt Ion: 117 Resp: 324353
Ion Ratio Lower Upper
117 100
82 52.4 46.2 69.4
119 33.2 25.5 38.3



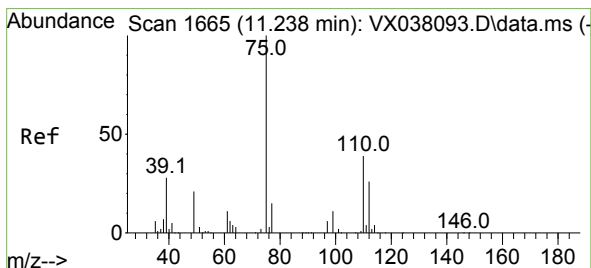
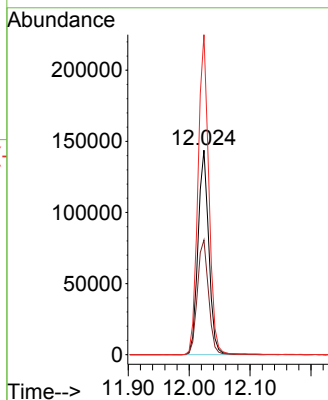
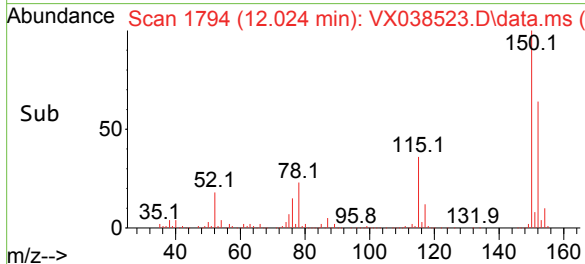


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038523.D
 Acq: 26 Oct 2023 17:19

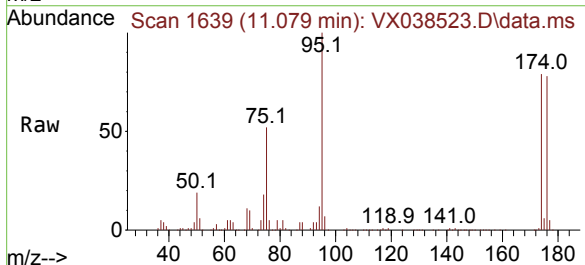
Instrument :
 MSVOA_X
 ClientSampleId :



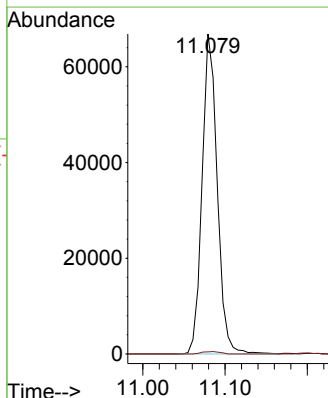
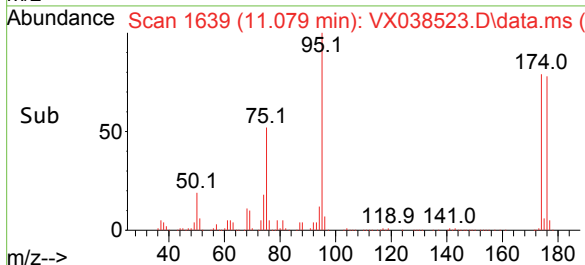
Tgt Ion:152 Resp: 176749
 Ion Ratio Lower Upper
 152 100
 115 58.0 43.3 129.9
 150 157.8 0.0 345.0

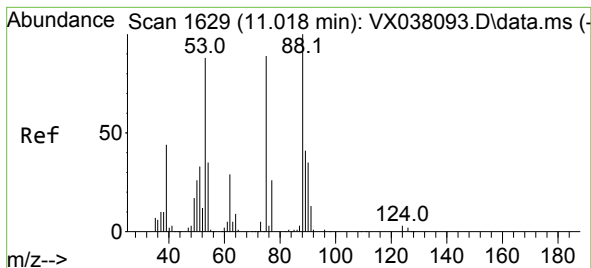


#76
 1,2,3-Trichloropropane
 Concen: 21.264 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038523.D
 Acq: 26 Oct 2023 17:19



Tgt Ion: 75 Resp: 85442
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

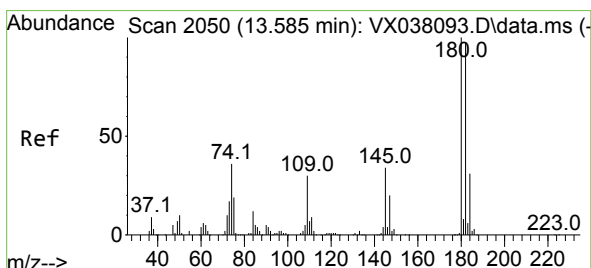
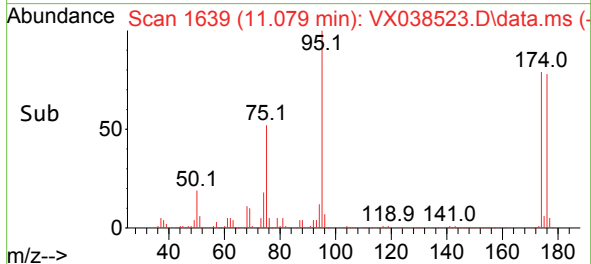
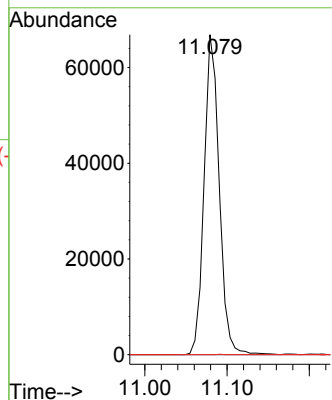
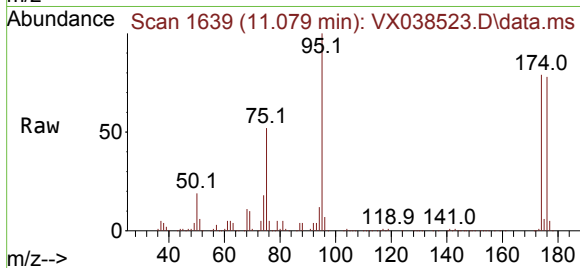




#81
trans-1,4-Dichloro-2-butene
Concen: 61.114 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 85442
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.240 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038523.D
Acq: 26 Oct 2023 17:19

Tgt Ion:180 Resp: 898
Ion Ratio Lower Upper
180 100
182 90.4 48.3 144.8
145 31.1 18.0 54.0

