

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038599.D
 Acq On : 27 Oct 2023 13:53
 Operator : JC/MD
 Sample : 05063-03 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:30:02 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)

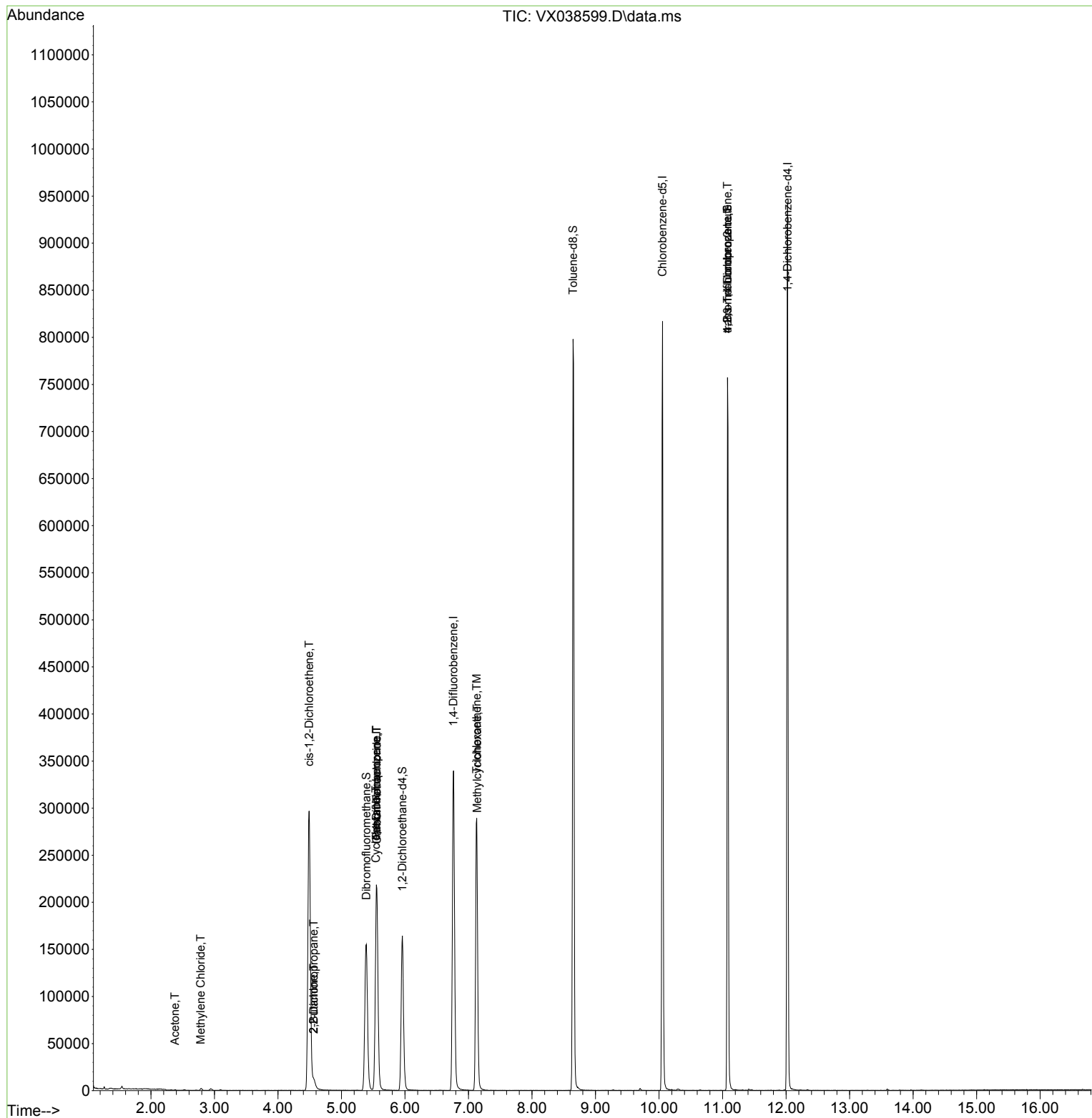
Internal Standards						
1) Pentafluorobenzene	5.550	168	220319	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	369456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154480	43.593	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.180%
35) Dibromofluoromethane	5.391	113	139824	52.523	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.040%
50) Toluene-d8	8.647	98	501990	49.346	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	202877	52.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	19	Below Cal	#	3
6) Chloroethane	1.703	64	109	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	1144	Below Cal	#	78
16) Acetone	2.379	43	827	0.559	ug/l #	66
20) Methylene Chloride	2.782	84	1126	0.405	ug/l #	75
25) 2-Butanone	4.562	43	601	0.252	ug/l #	51
26) 2,2-Dichloropropane	4.562	77	934	0.261	ug/l #	54
27) cis-1,2-Dichloroethene	4.489	96	201497	67.789	ug/l	78
31) Cyclohexane	5.544	56	4230	1.102	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14986	4.082	ug/l #	52
38) Carbon Tetrachloride	5.556	117	21081	5.837	ug/l #	15
39) Methylcyclohexane	7.135	83	1347	0.313	ug/l #	1
44) Trichloroethene	7.129	130	118112	43.980	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	103302	21.623	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	103302	62.078	ug/l #	5

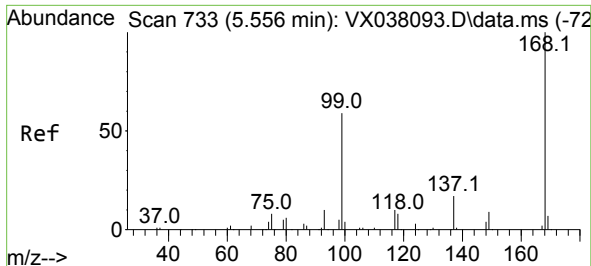
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

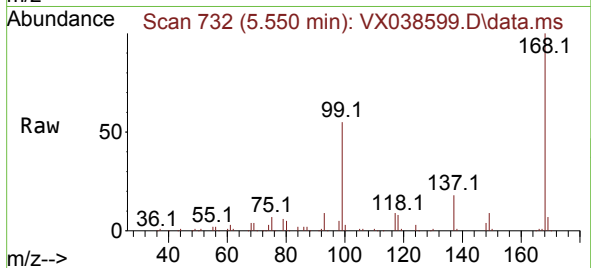
Quant Time: Oct 30 01:30:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



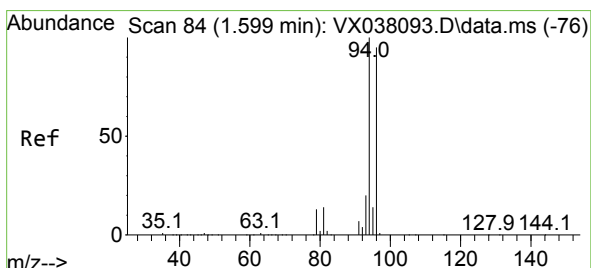
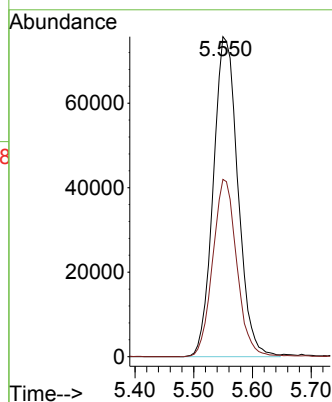
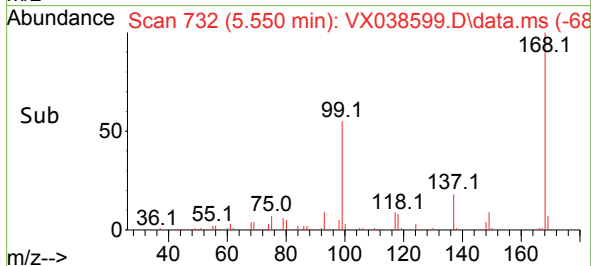


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :

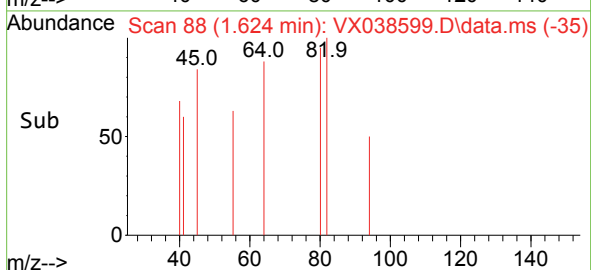
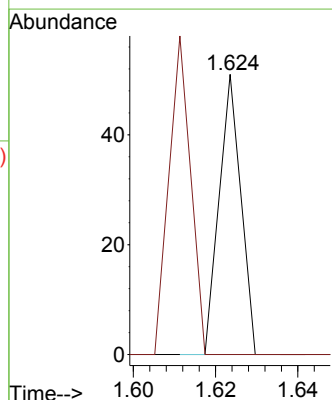
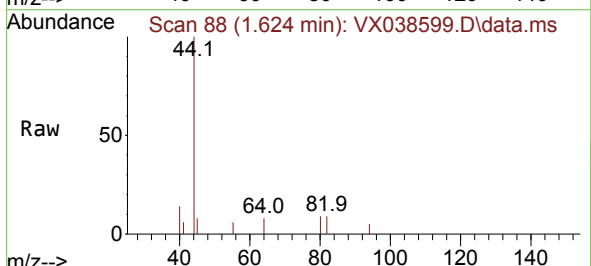


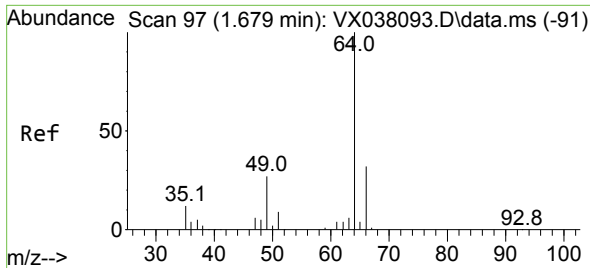
Tgt Ion:168 Resp: 220319
Ion Ratio Lower Upper
168 100
99 55.4 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

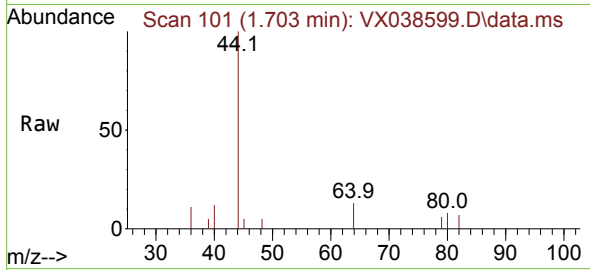
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



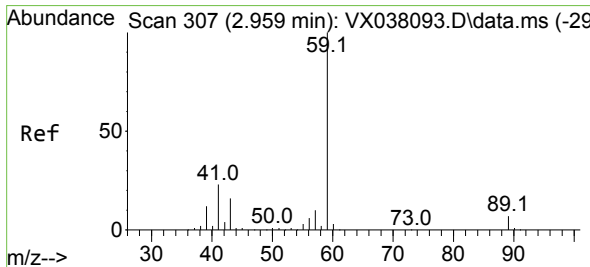
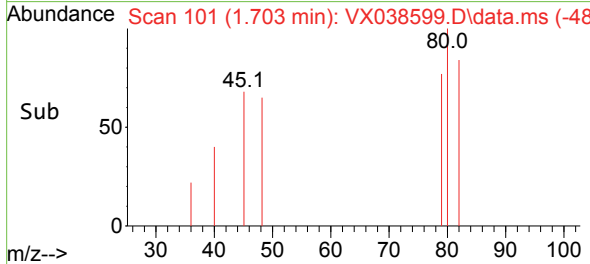
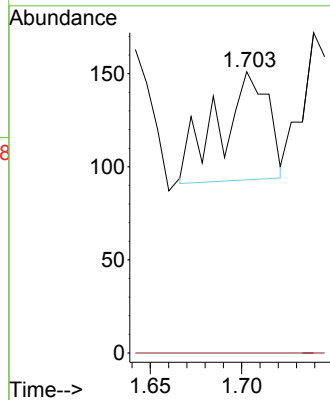


#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :

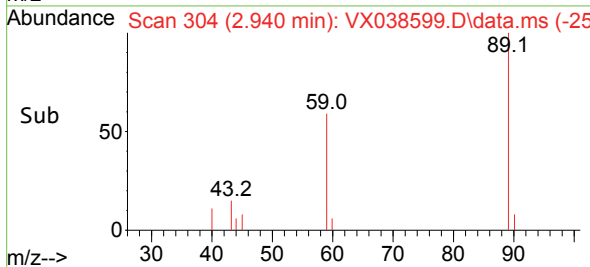
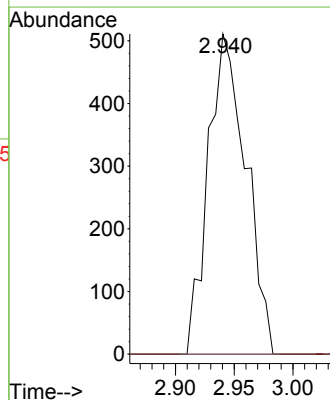
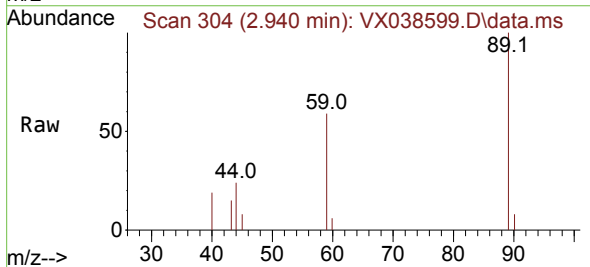


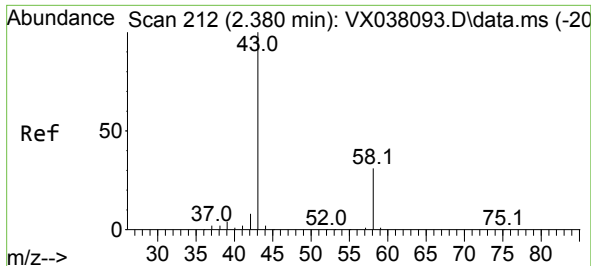
Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

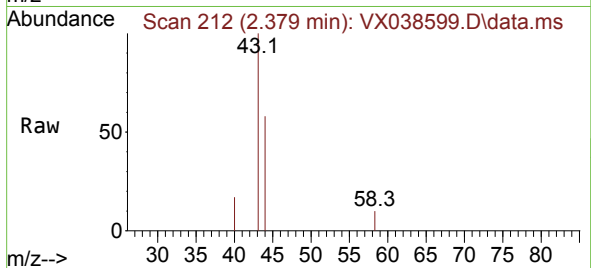
Tgt Ion: 59 Resp: 1144
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



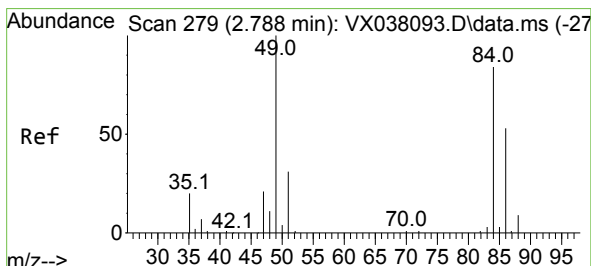
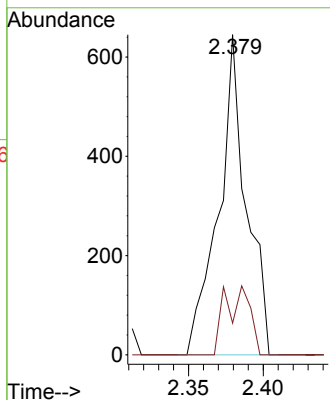
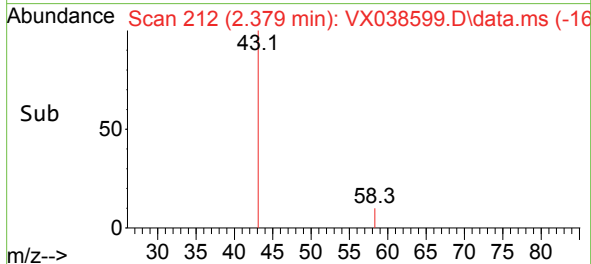


#16
Acetone
Concen: 0.559 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

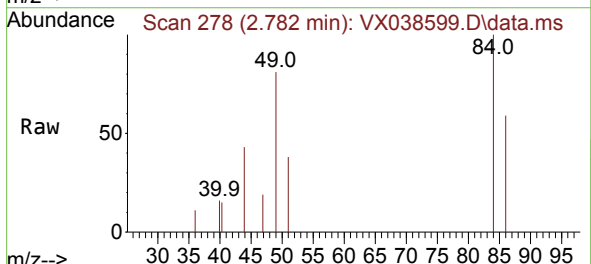
Instrument :
MSVOA_X
ClientSampleId :



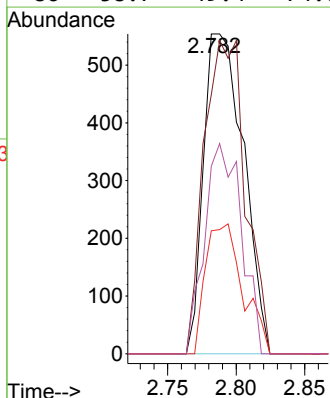
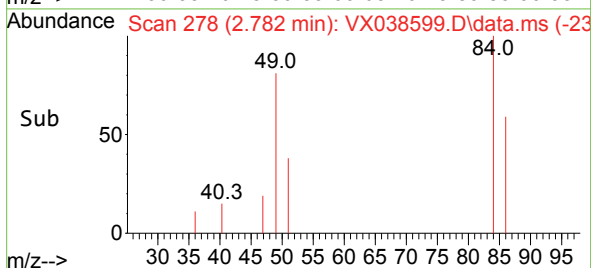
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 9.9 21.9 32.9#

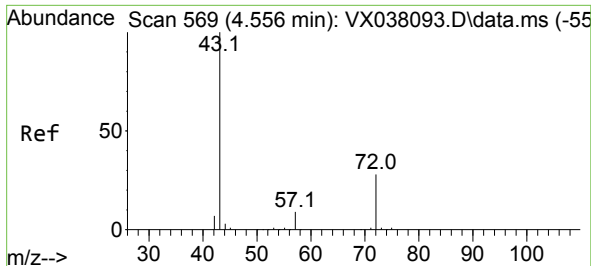


#20
Methylene Chloride
Concen: 0.405 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53



Tgt Ion: 84 Resp: 1126
Ion Ratio Lower Upper
84 100
49 81.0 103.6 155.4#
51 38.4 33.8 50.6
86 58.7 49.4 74.0

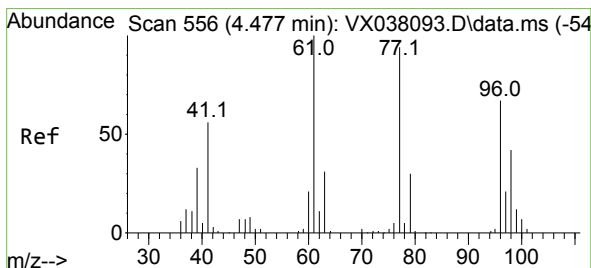
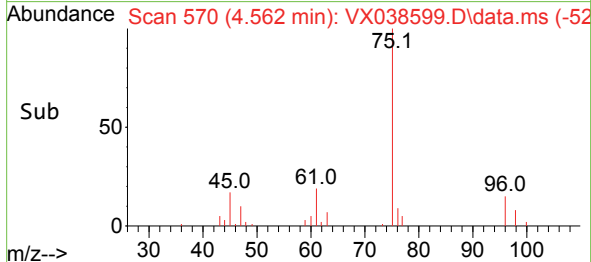
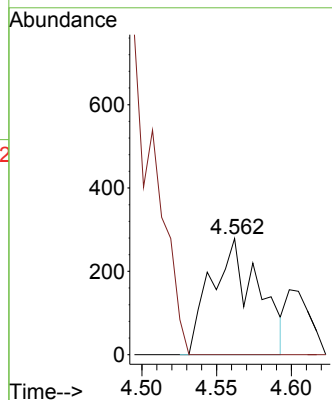
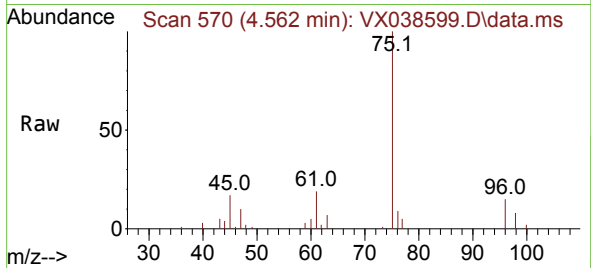




#25
2-Butanone
Concen: 0.252 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

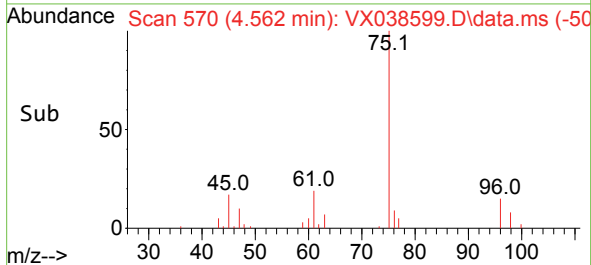
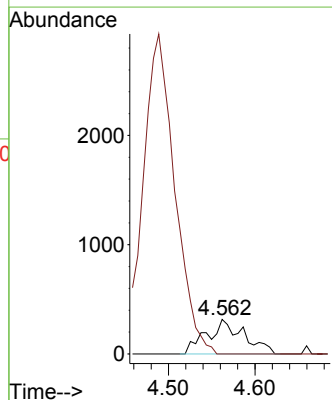
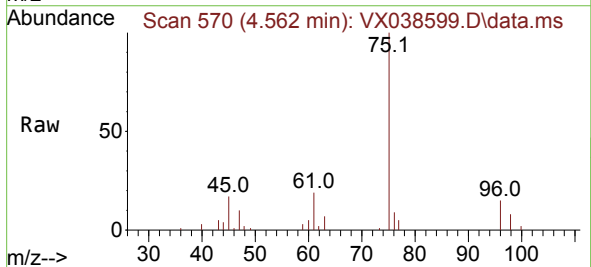
Instrument :
MSVOA_X
ClientSampleId :

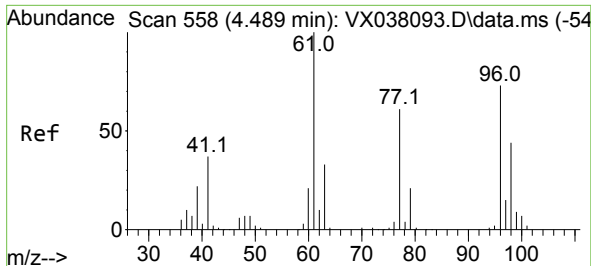
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.261 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.085 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

Tgt Ion: 77 Resp: 934
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

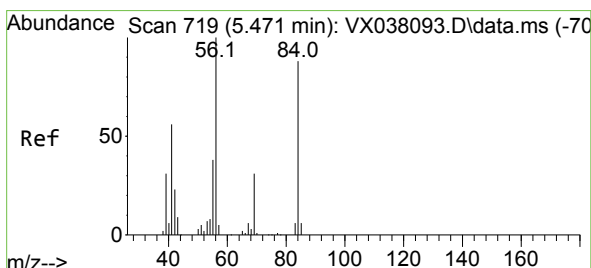
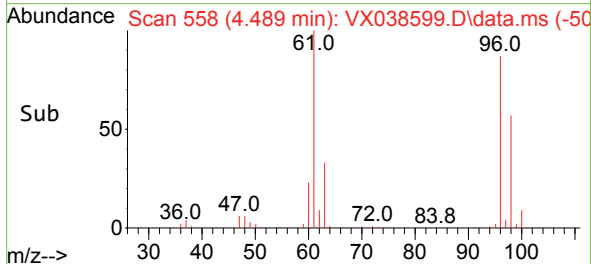
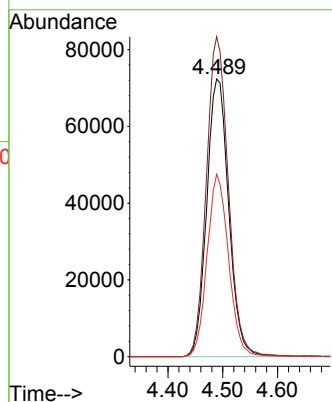
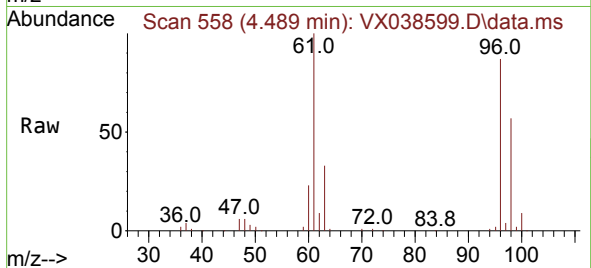




#27
 cis-1,2-Dichloroethene
 Concen: 67.789 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX038599.D
 Acq: 27 Oct 2023 13:53

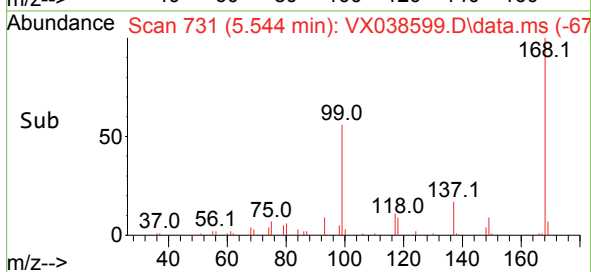
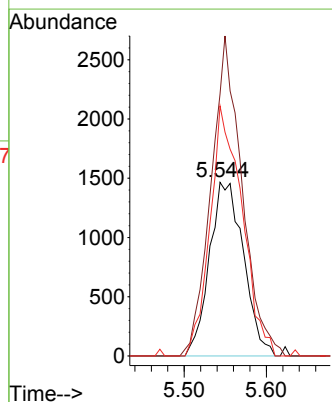
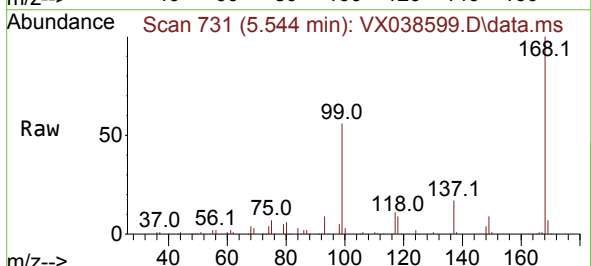
Instrument :
 MSVOA_X
 ClientSampleId :

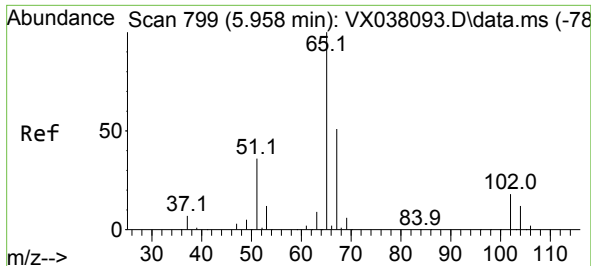
Tgt Ion: 96 Resp: 201497
 Ion Ratio Lower Upper
 96 100
 61 115.1 0.0 312.2
 98 64.2 0.0 129.0



#31
 Cyclohexane
 Concen: 1.102 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.073 min
 Lab File: VX038599.D
 Acq: 27 Oct 2023 13:53

Tgt Ion: 56 Resp: 4230
 Ion Ratio Lower Upper
 56 100
 69 150.8 23.4 35.2#
 84 144.0 65.9 98.9#

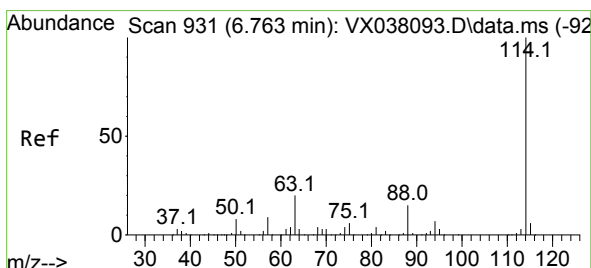
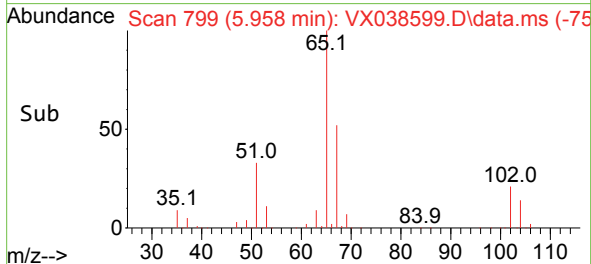
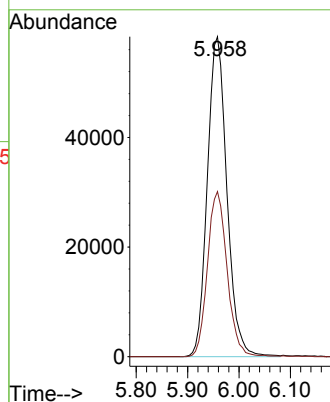
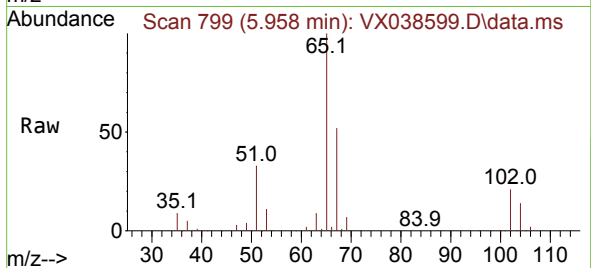




#33
 1,2-Dichloroethane-d4
 Concen: 43.593 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038599.D
 Acq: 27 Oct 2023 13:53

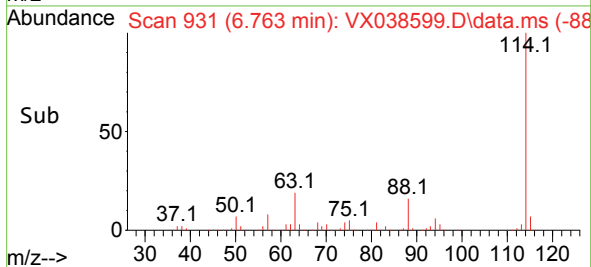
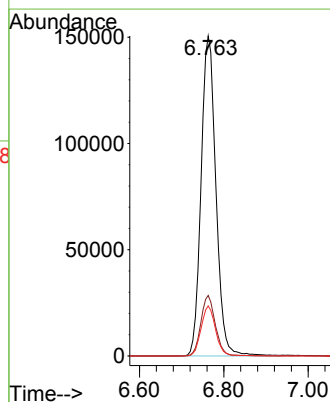
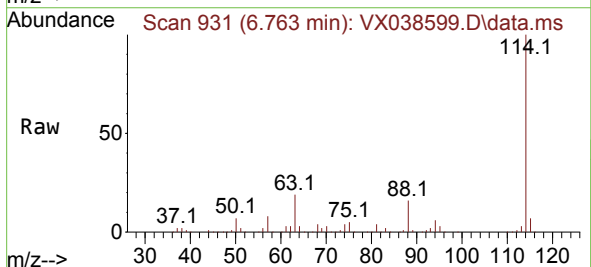
Instrument :
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 ClientSampleId :

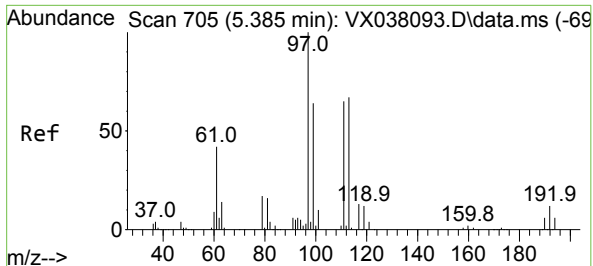
Tgt Ion: 65 Resp: 154480
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038599.D
 Acq: 27 Oct 2023 13:53

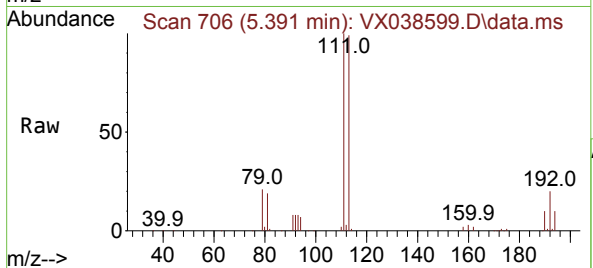
Tgt Ion:114 Resp: 369456
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 45.0
 88 15.7 0.0 36.6



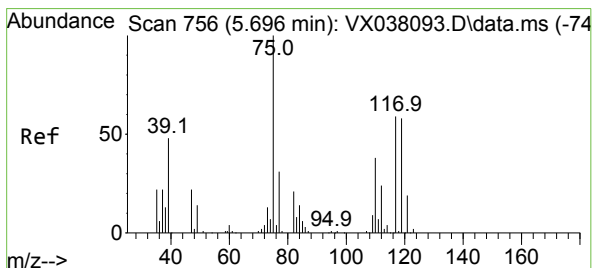
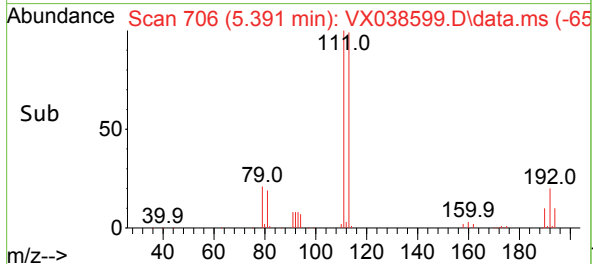
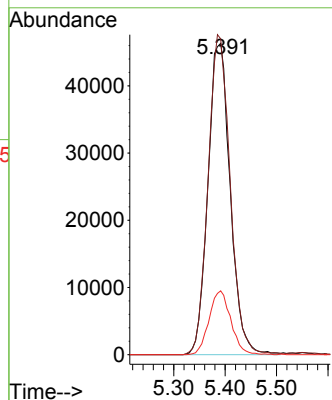


#35
Dibromofluoromethane
Concen: 52.523 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :

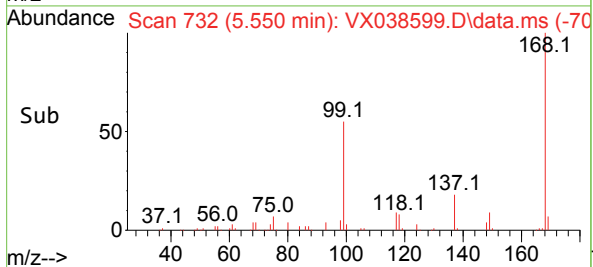
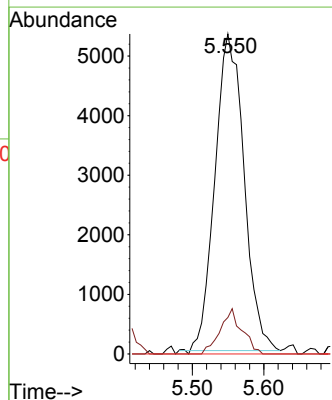
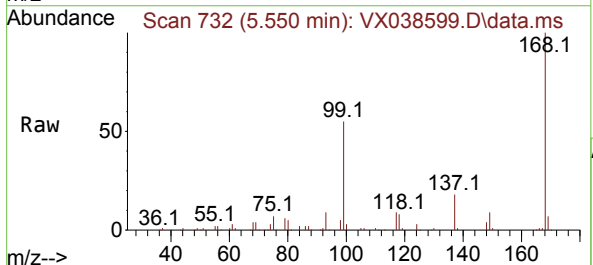


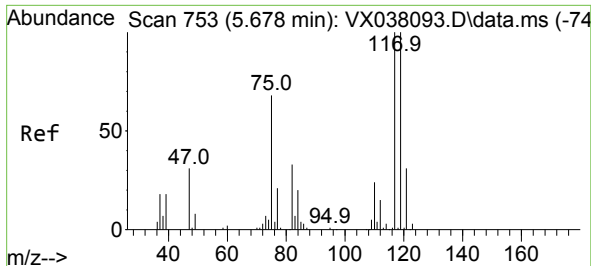
Tgt Ion:113 Resp: 139824
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 20.1 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.082 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

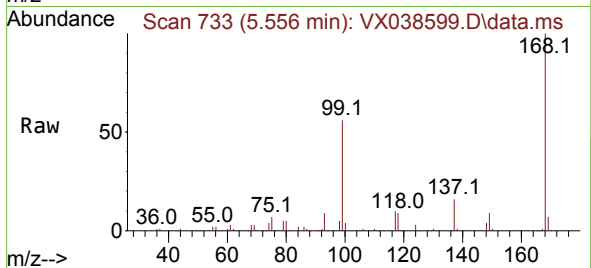
Tgt Ion: 75 Resp: 14986
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



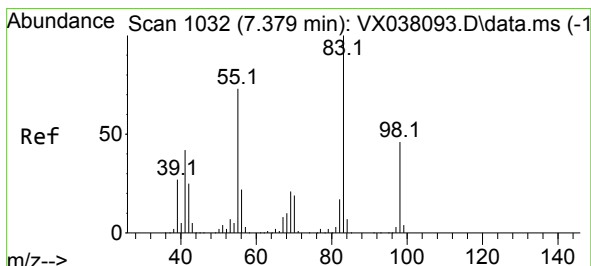
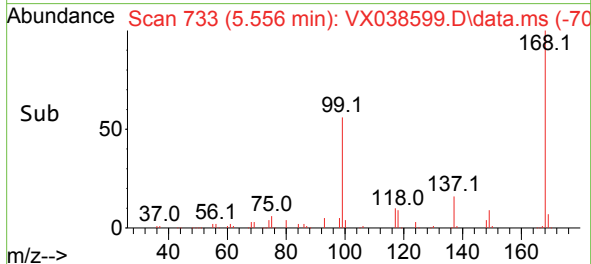
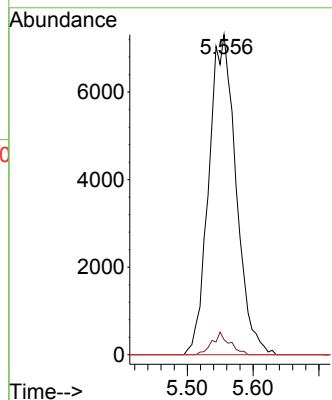


#38
Carbon Tetrachloride
Concen: 5.837 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :

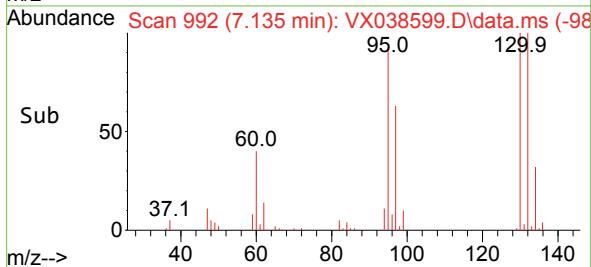
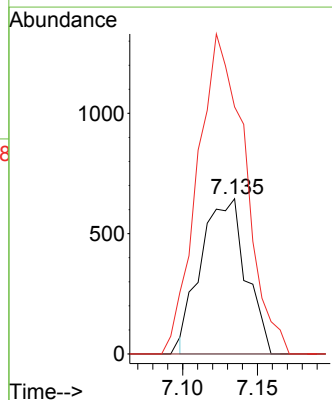
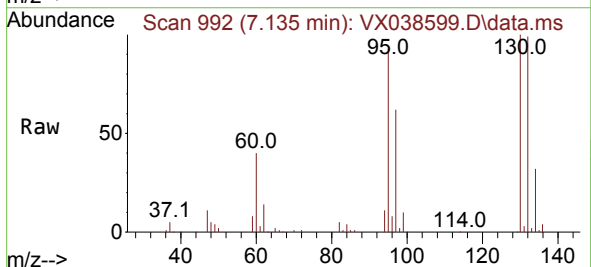


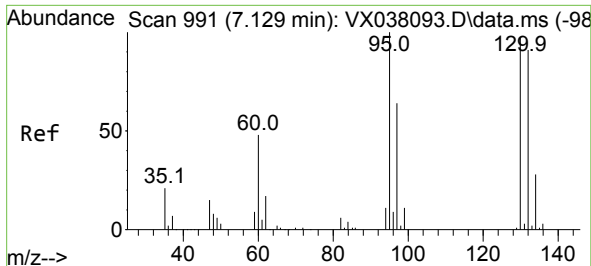
Tgt Ion:117 Resp: 21081
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.313 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

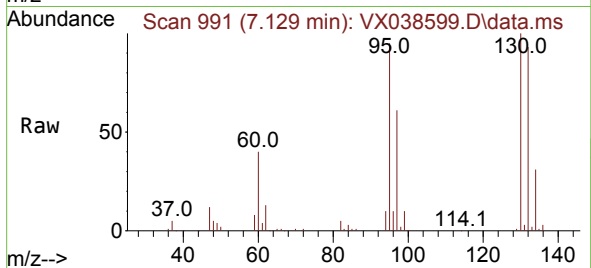
Tgt Ion: 83 Resp: 1347
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 143.7 36.7 55.1#



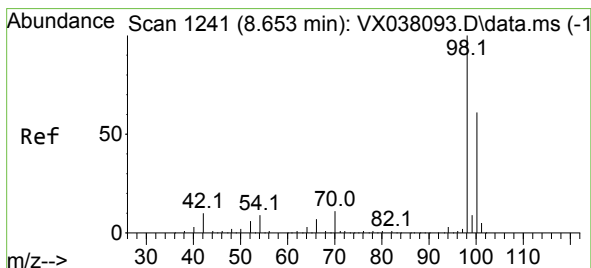
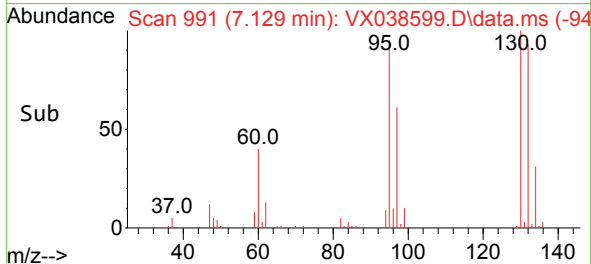
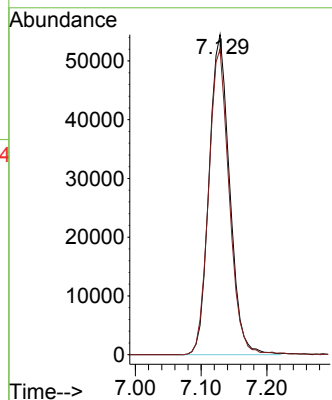


#44
Trichloroethene
Concen: 43.980 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :

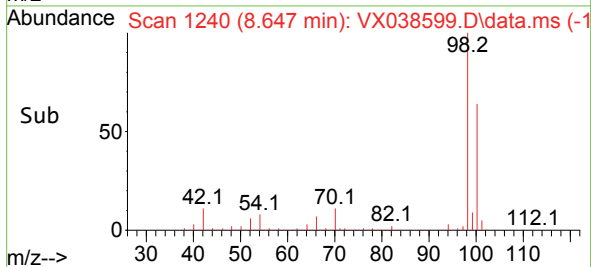
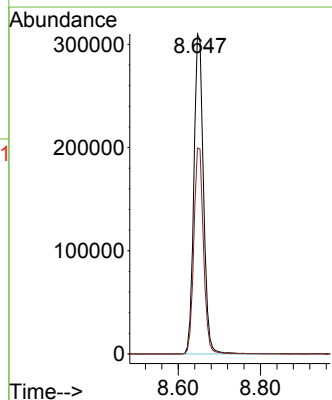
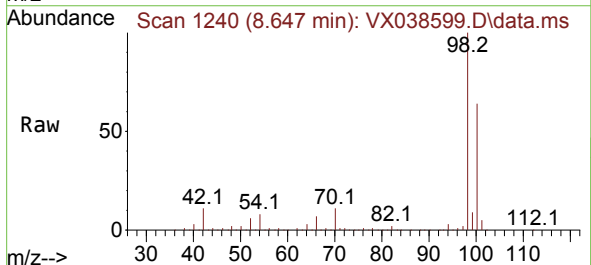


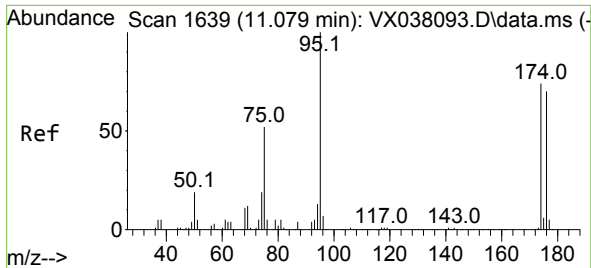
Tgt Ion:130 Resp: 118112
Ion Ratio Lower Upper
130 100
95 95.5 0.0 204.4



#50
Toluene-d8
Concen: 49.346 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

Tgt Ion: 98 Resp: 501990
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

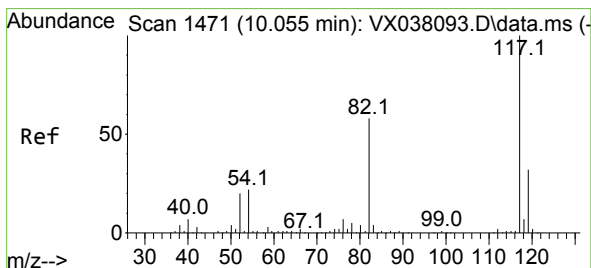
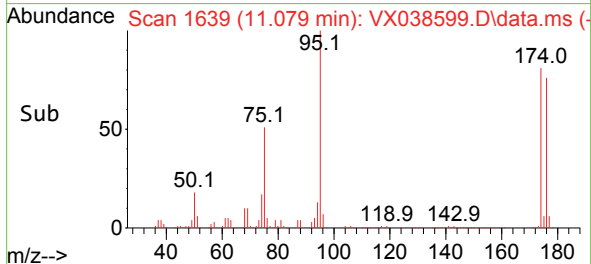
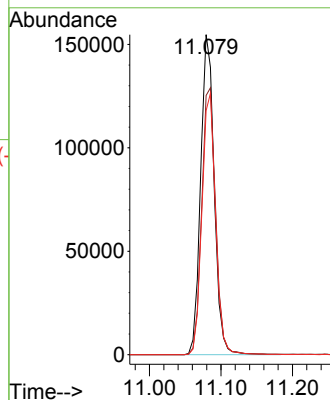
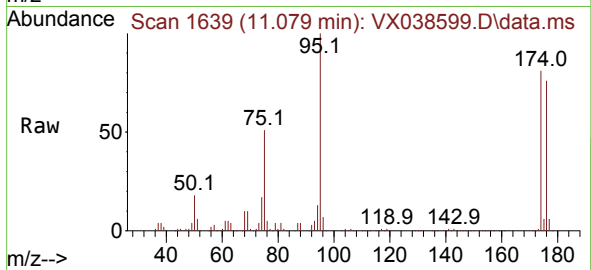




#62
4-Bromofluorobenzene
Concen: 52.605 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

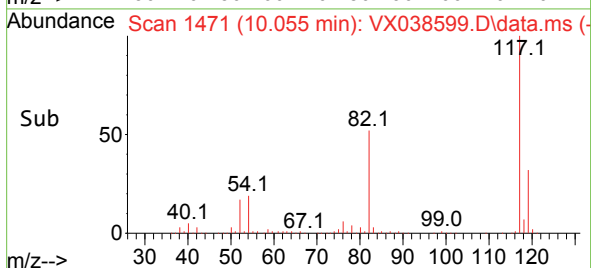
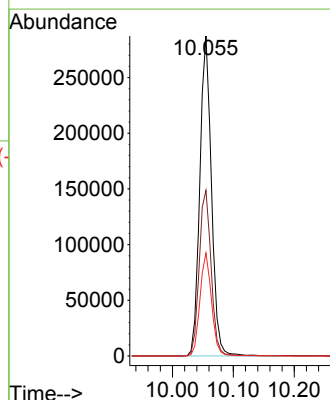
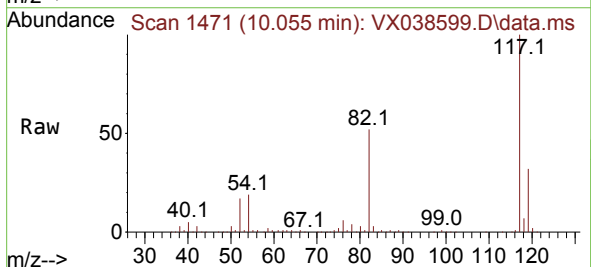
Instrument :
MSVOA_X
ClientSampleId :

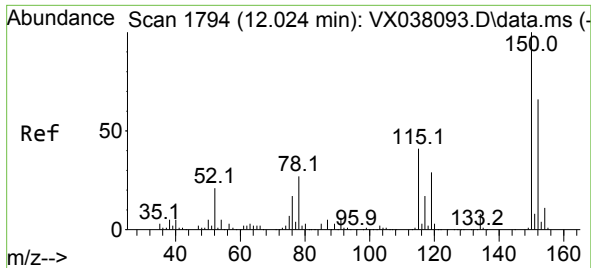
Tgt Ion: 95 Resp: 202877
Ion Ratio Lower Upper
95 100
174 86.2 0.0 135.6
176 82.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038599.D
Acq: 27 Oct 2023 13:53

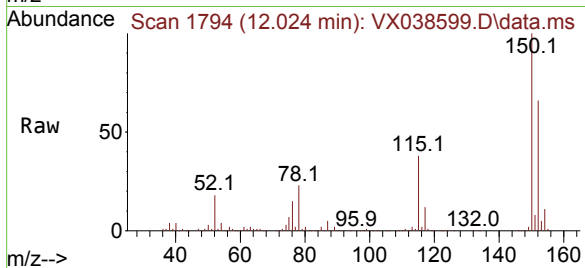
Tgt Ion: 117 Resp: 381244
Ion Ratio Lower Upper
117 100
82 51.7 46.2 69.4
119 32.1 25.5 38.3



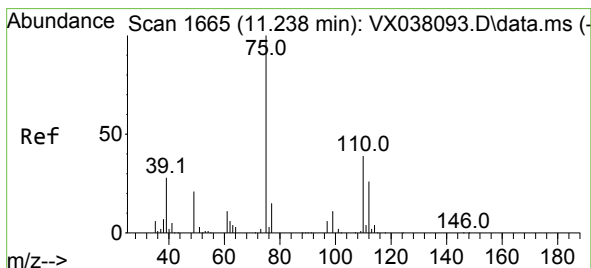
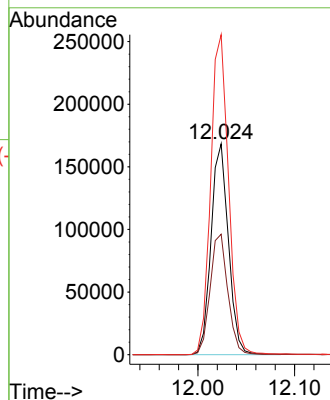
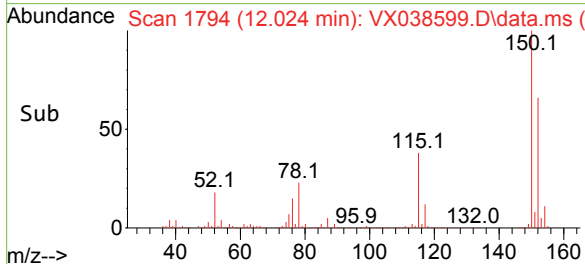


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038599.D
 Acq: 27 Oct 2023 13:53

Instrument :
 MSVOA_X
 ClientSampleId :

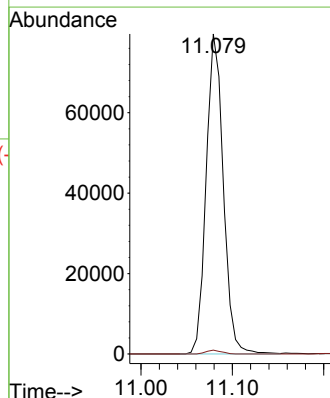
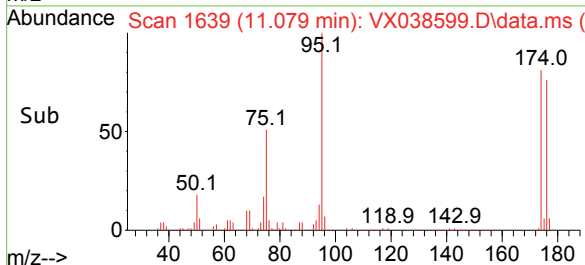
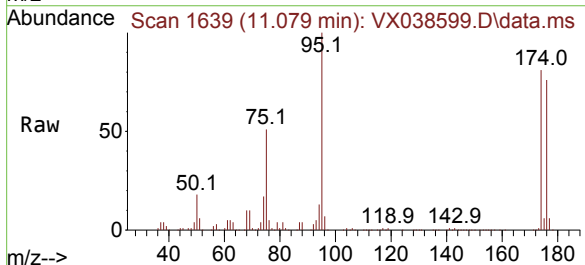


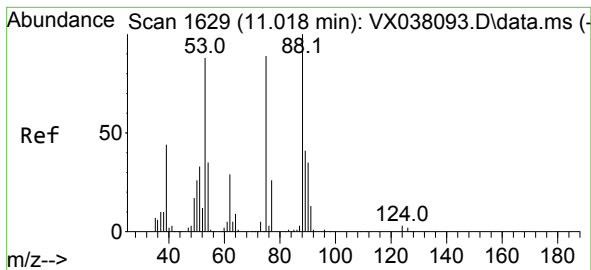
Tgt Ion:152 Resp: 210145
 Ion Ratio Lower Upper
 152 100
 115 58.4 43.3 129.9
 150 156.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.623 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038599.D
 Acq: 27 Oct 2023 13:53

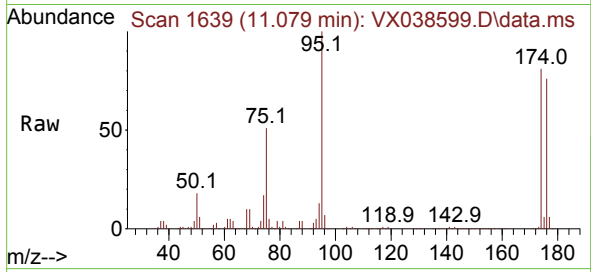
Tgt Ion: 75 Resp: 103302
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.078 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038599.D
 Acq: 27 Oct 2023 13:53

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 103302
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

