

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039527.D
 Acq On : 28 Dec 2023 19:20
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 28 22:56:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

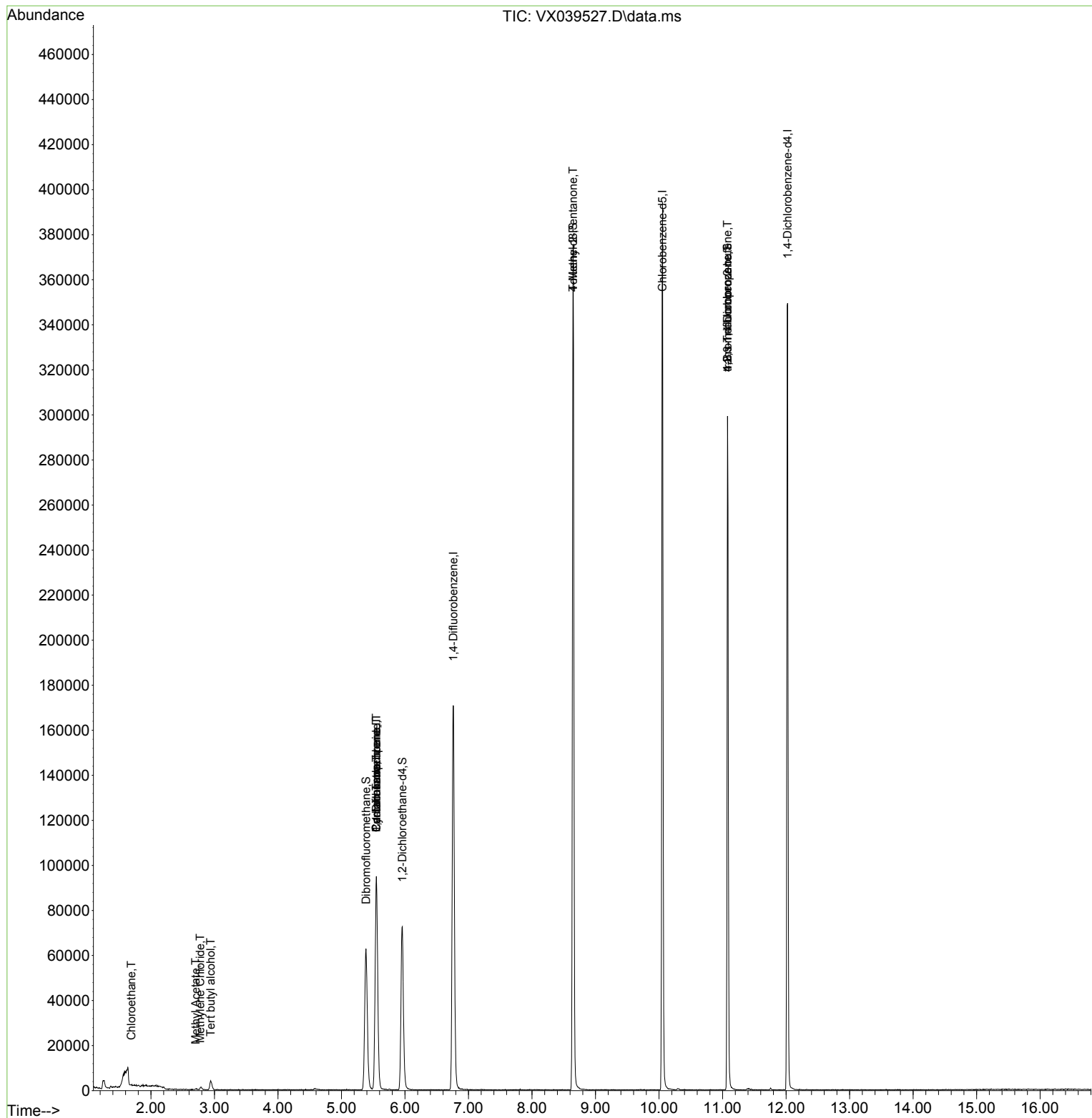
Internal Standards						
1) Pentafluorobenzene	5.550	168	79620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70147	48.093	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.180%		
35) Dibromofluoromethane	5.385	113	55035	47.128	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.260%		
50) Toluene-d8	8.647	98	215268	49.653	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.300%		
62) 4-Bromofluorobenzene	11.079	95	83188	46.505	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.020%		
Target Compounds			Qvalue			
6) Chloroethane	1.691	64	227	0.327 ug/l #		43
11) Tert butyl alcohol	2.941	59	2628	7.175 ug/l #		78
16) Acetone	2.380	43	268	Below Cal #		47
18) Methyl Acetate	2.703	43	659	0.209 ug/l #		82
20) Methylene Chloride	2.776	84	695	0.572 ug/l #		55
31) Cyclohexane	5.550	56	2308	1.225 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	8222	4.462 ug/l #		49
38) Carbon Tetrachloride	5.550	117	8893	5.057 ug/l #		16
51) 4-Methyl-2-Pentanone	8.647	43	1244	0.527 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	46637	26.571 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.079	75	46637	74.957 ug/l #		5

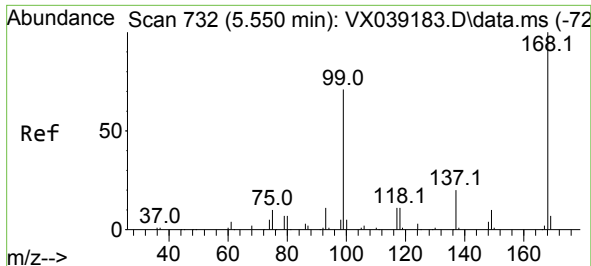
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
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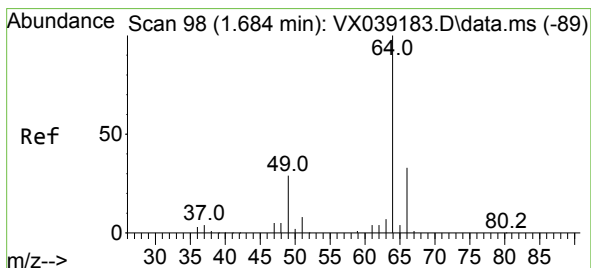
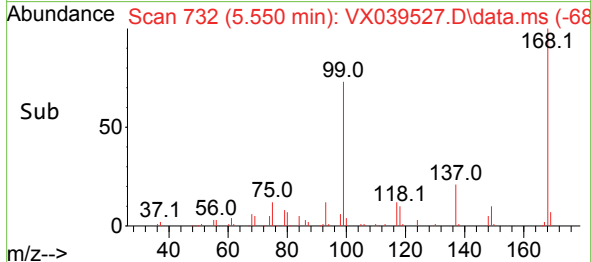
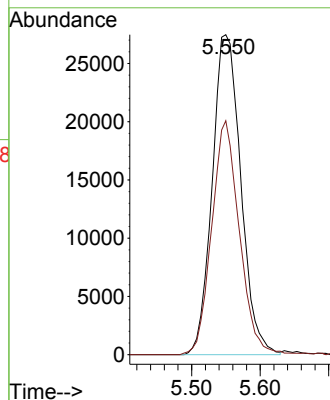
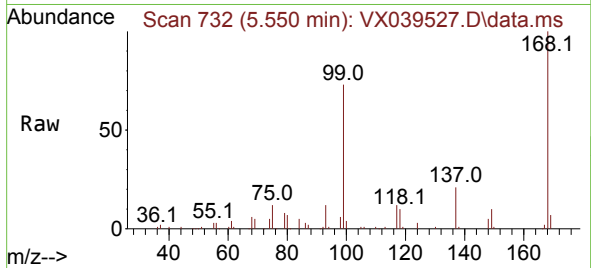




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

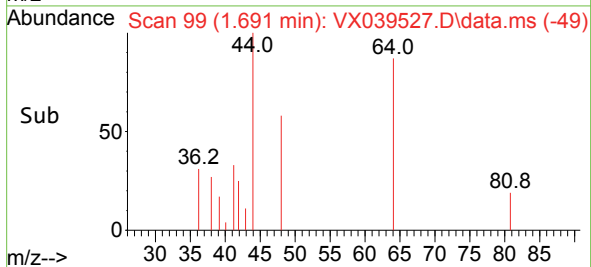
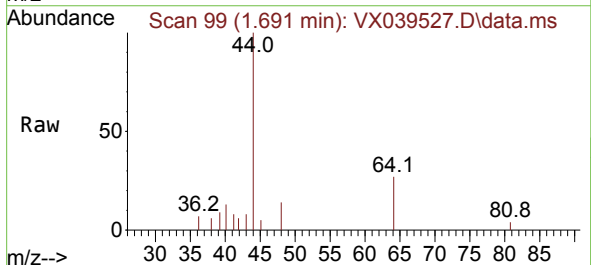
Instrument :
MSVOA_X
ClientSampleId :
IBLK

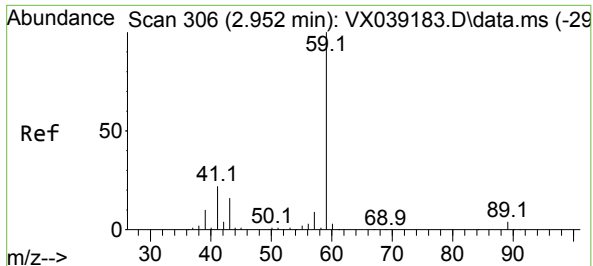
Tgt Ion:168 Resp: 79620
Ion Ratio Lower Upper
168 100
99 73.1 56.6 85.0



#6
Chloroethane
Concen: 0.327 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

Tgt Ion: 64 Resp: 227
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 7.175 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX039527.D

Acq: 28 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

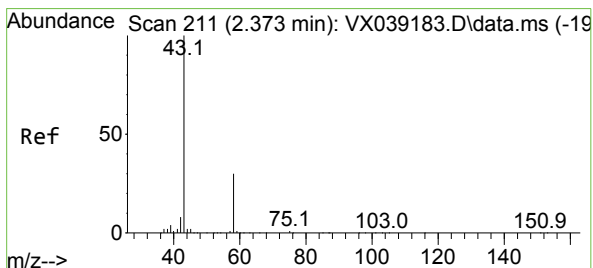
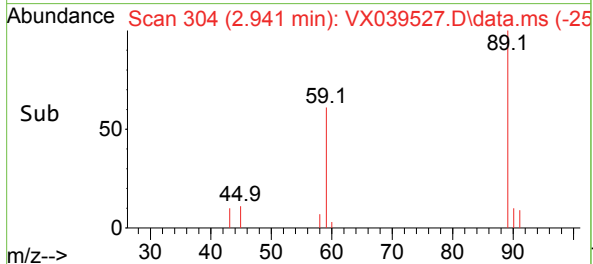
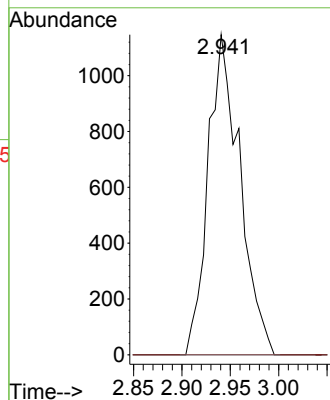
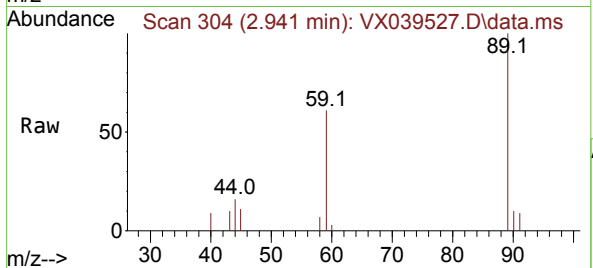
IBLK

Tgt Ion: 59 Resp: 2628

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX039527.D

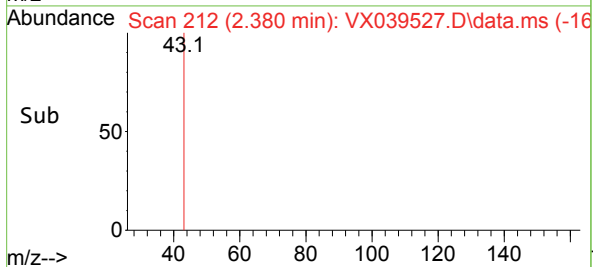
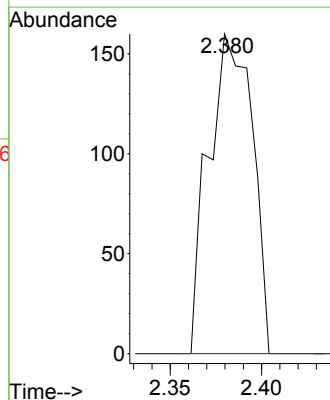
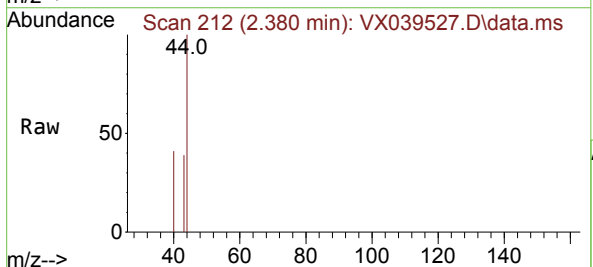
Acq: 28 Dec 2023 19:20

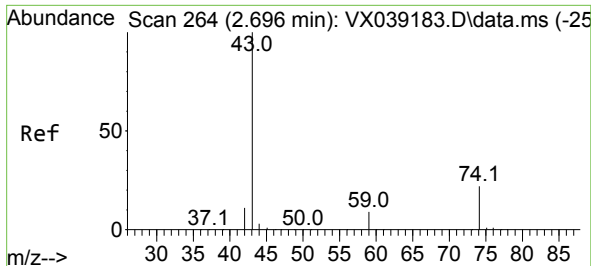
Tgt Ion: 43 Resp: 268

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#





#18

Methyl Acetate

Concen: 0.209 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX039527.D

Acq: 28 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

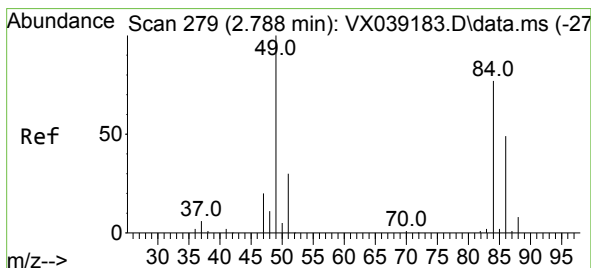
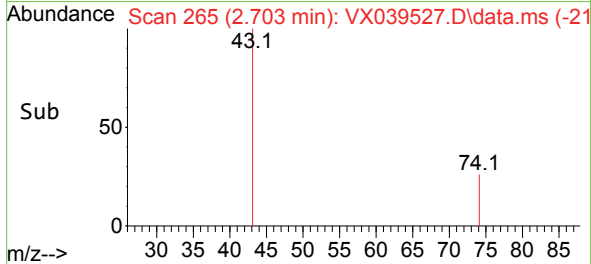
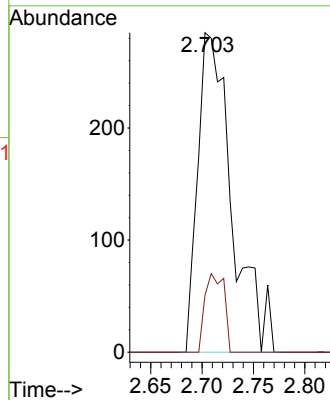
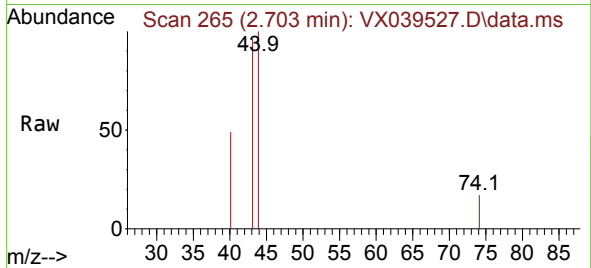
IBLK

Tgt Ion: 43 Resp: 659

Ion Ratio Lower Upper

43 100

74 13.8 17.8 26.8#



#20

Methylene Chloride

Concen: 0.572 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.012 min

Lab File: VX039527.D

Acq: 28 Dec 2023 19:20

Tgt Ion: 84 Resp: 695

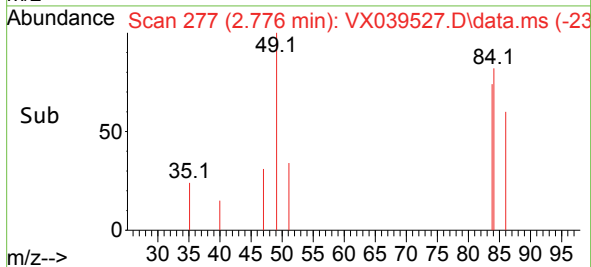
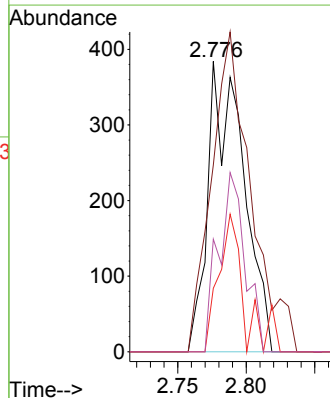
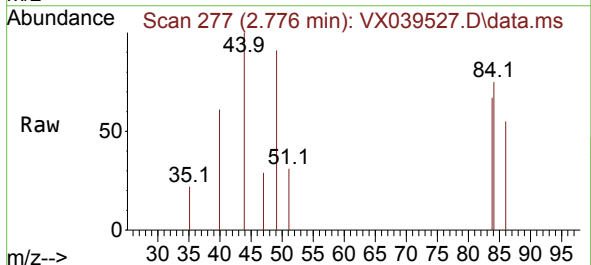
Ion Ratio Lower Upper

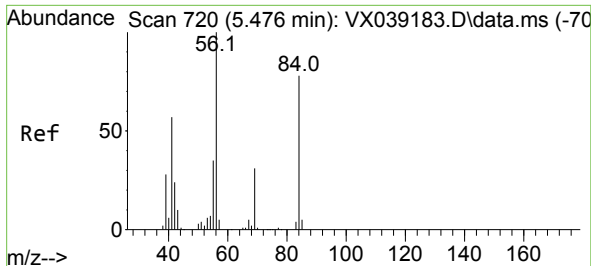
84 100

49 64.3 103.6 155.4#

51 21.9 33.8 50.6#

86 38.8 49.4 74.0#

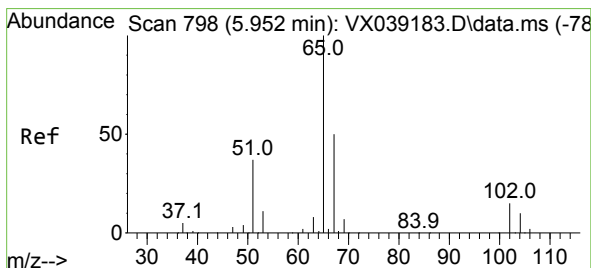
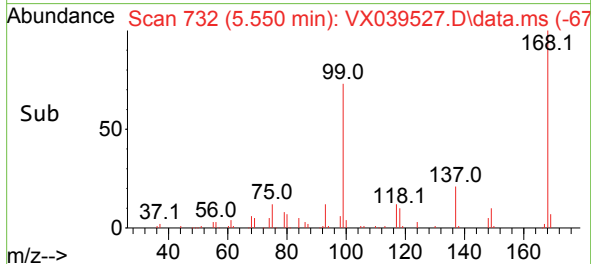
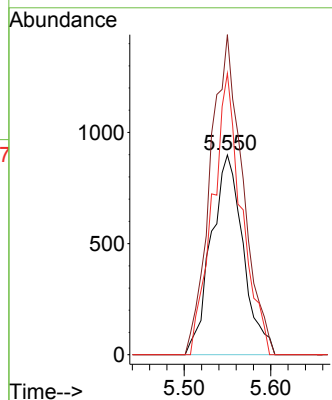
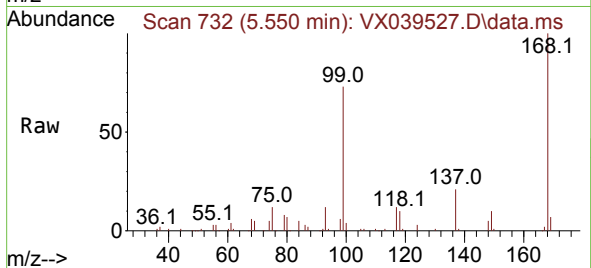




#31
Cyclohexane
Concen: 1.225 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

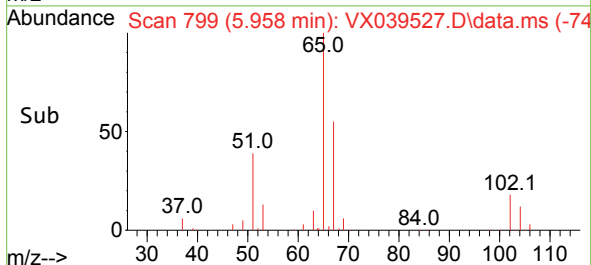
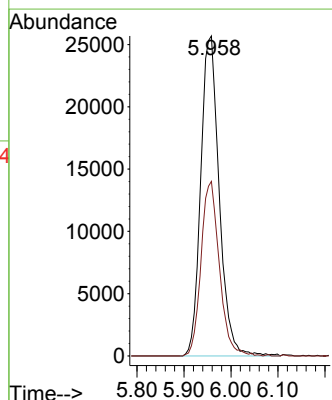
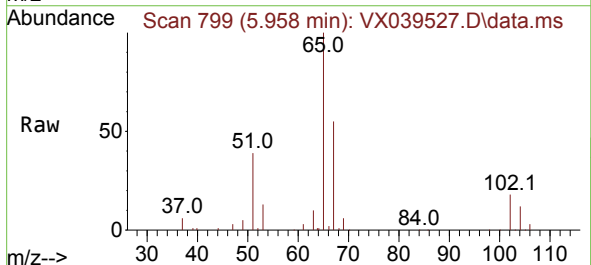
Instrument :
MSVOA_X
ClientSampleId :
IBLK

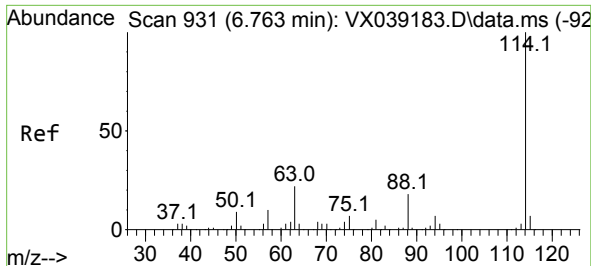
Tgt Ion: 56 Resp: 2308
Ion Ratio Lower Upper
56 100
69 160.2 23.4 35.2#
84 140.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.093 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

Tgt Ion: 65 Resp: 70147
Ion Ratio Lower Upper
65 100
67 54.1 0.0 100.2

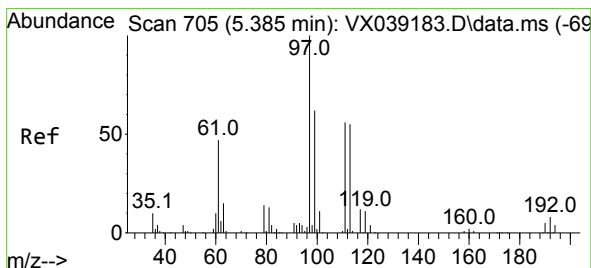
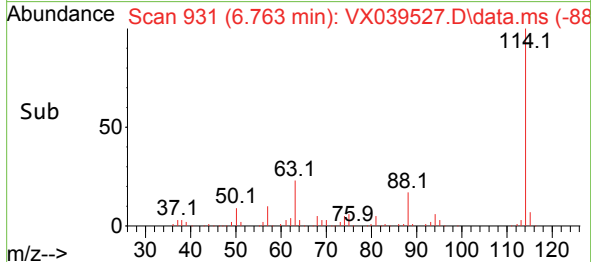
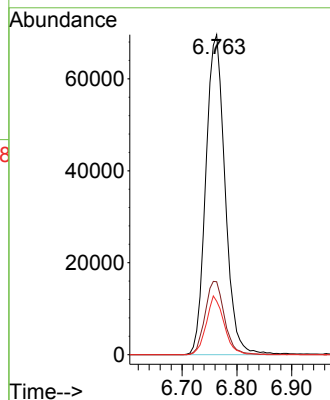
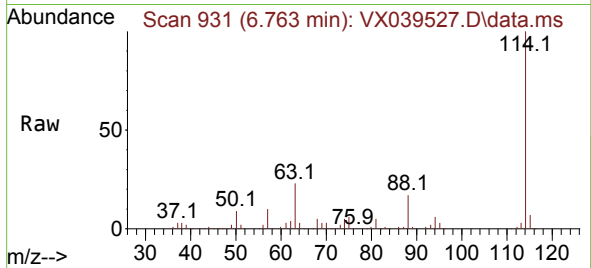




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

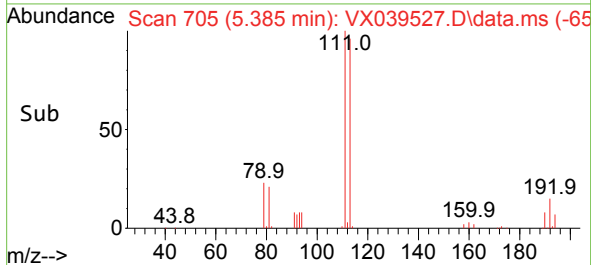
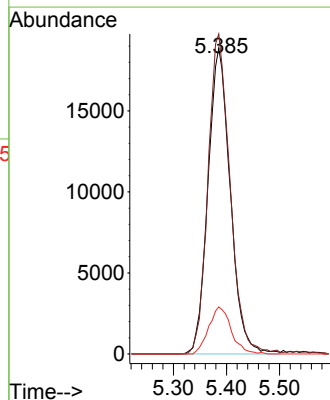
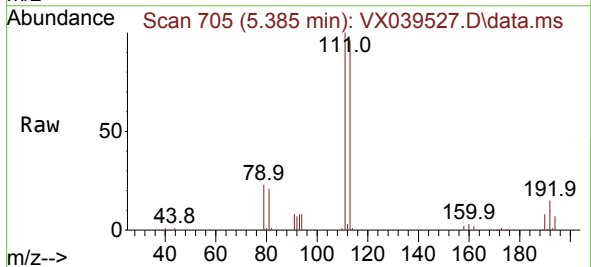
Instrument :
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ClientSampleId :
IBLK

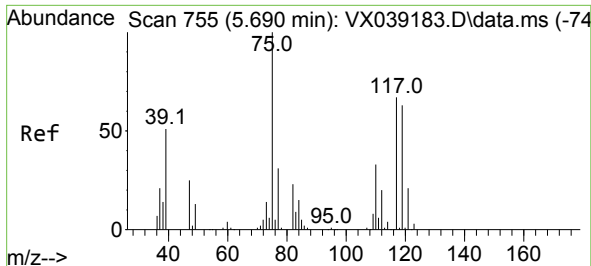
Tgt Ion:114 Resp: 169037
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.128 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

Tgt Ion:113 Resp: 55035
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 15.5 13.3 19.9

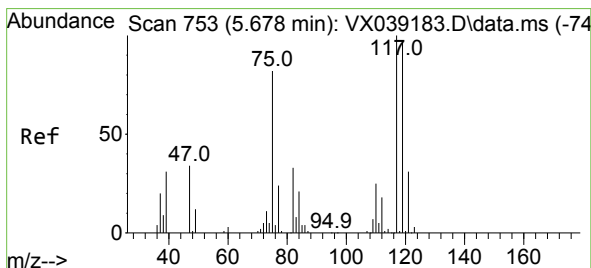
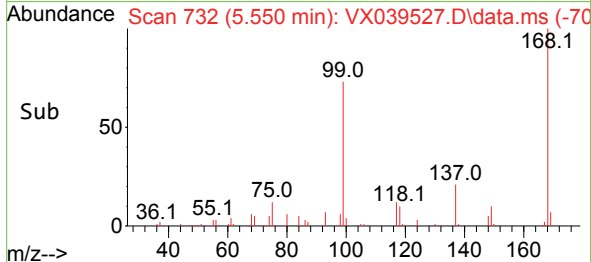
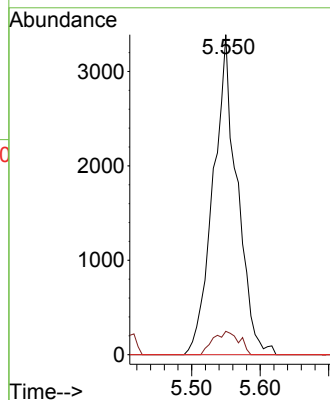
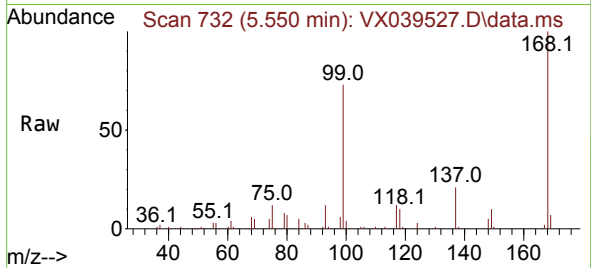




#36
1,1-Dichloropropene
Concen: 4.462 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

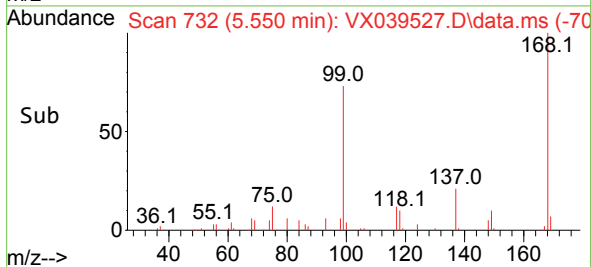
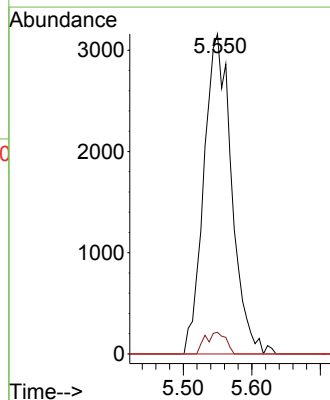
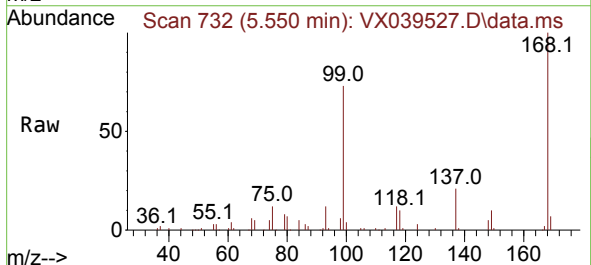
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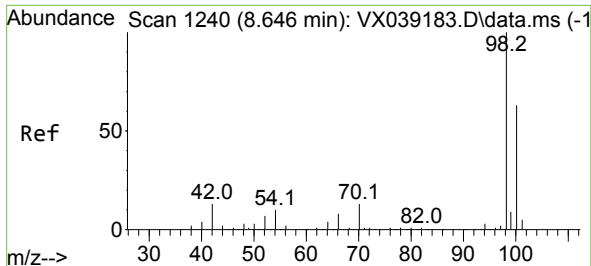
Tgt Ion: 75 Resp: 8222
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.057 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

Tgt Ion: 117 Resp: 8893
Ion Ratio Lower Upper
117 100
119 6.7 78.2 117.2#
121 0.0 24.4 36.6#

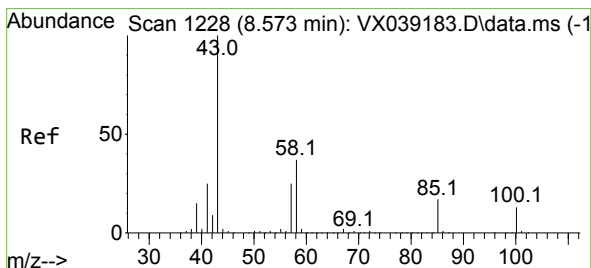
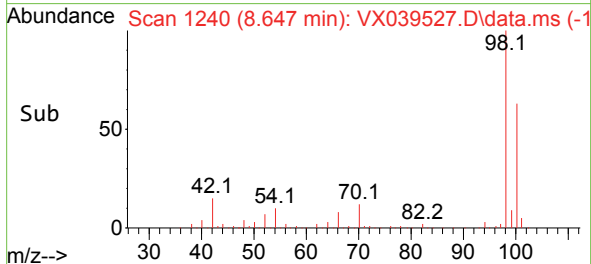
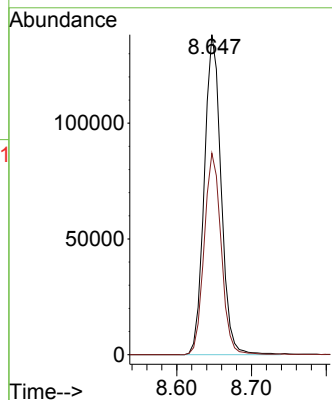
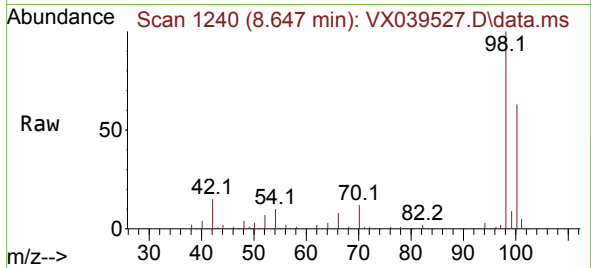




#50
Toluene-d8
Concen: 49.653 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

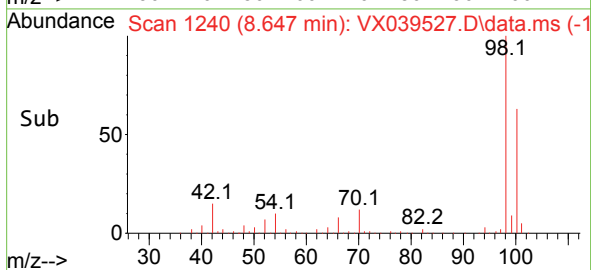
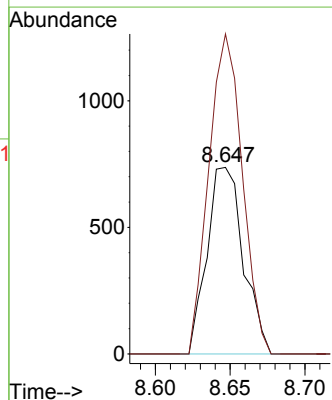
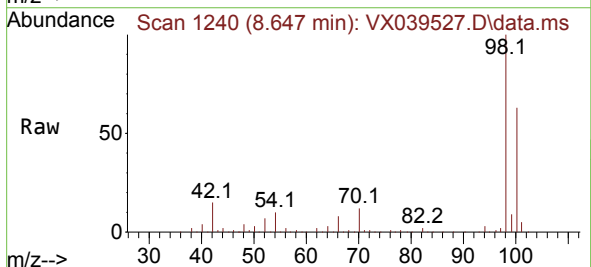
Instrument :
MSVOA_X
ClientSampleId :
IBLK

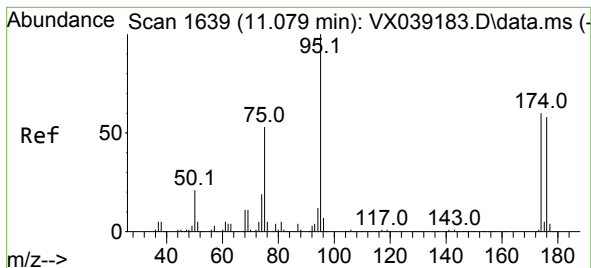
Tgt Ion: 98 Resp: 215268
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 158.4 30.4 45.6#

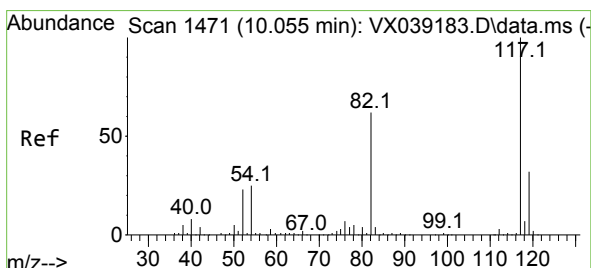
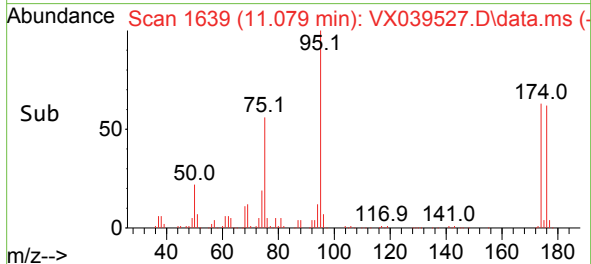
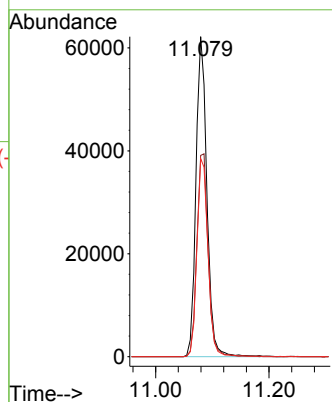
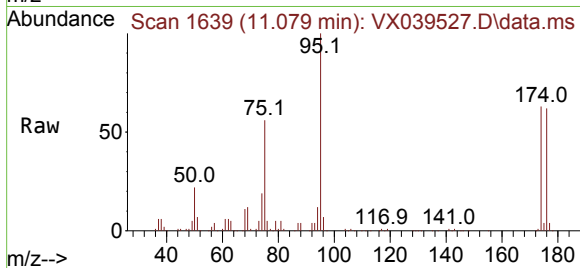




#62
4-Bromofluorobenzene
Concen: 46.505 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

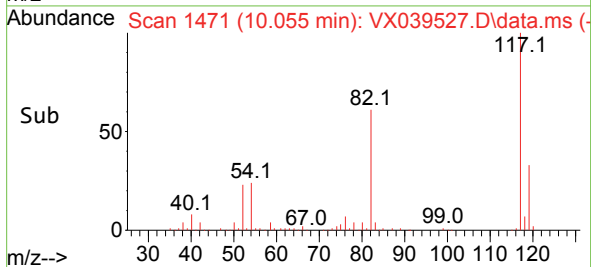
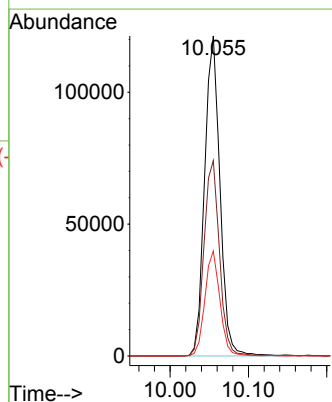
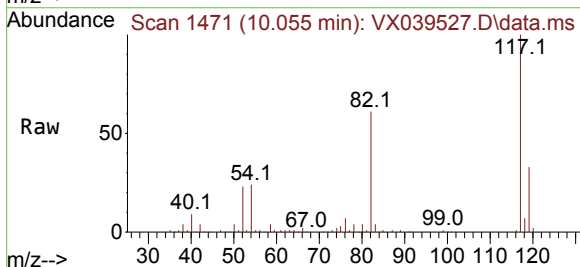
Instrument :
MSVOA_X
ClientSampleId :
IBLK

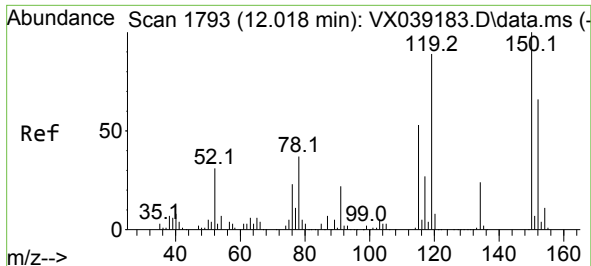
Tgt Ion: 95 Resp: 83188
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.6
176 62.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039527.D
Acq: 28 Dec 2023 19:20

Tgt Ion: 117 Resp: 164830
Ion Ratio Lower Upper
117 100
82 61.1 46.2 69.4
119 32.8 25.5 38.3

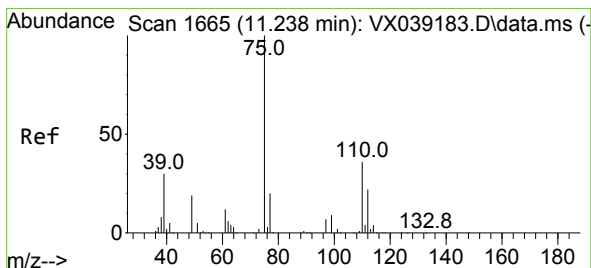
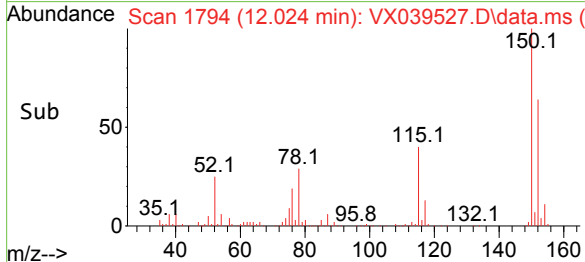
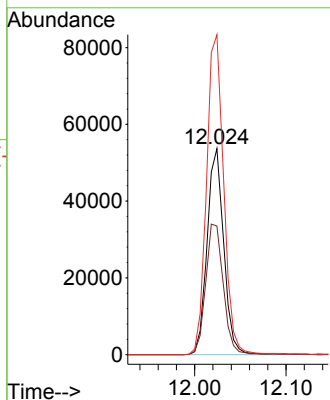
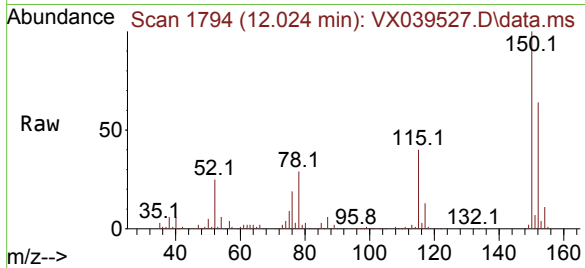




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039527.D
 Acq: 28 Dec 2023 19:20

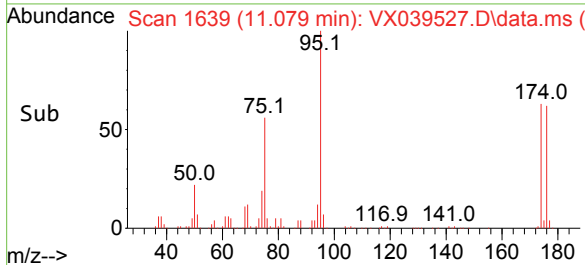
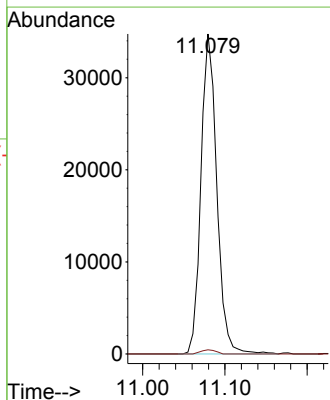
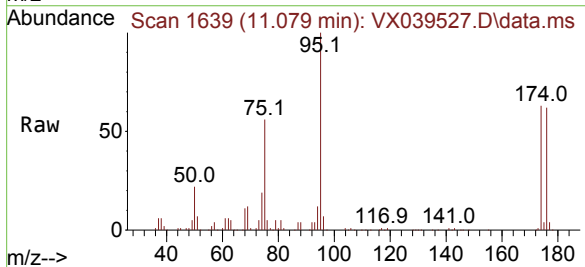
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

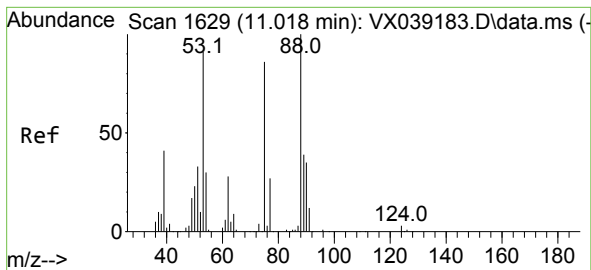
Tgt Ion:152 Resp: 67841
 Ion Ratio Lower Upper
 152 100
 115 67.0 43.3 129.9
 150 160.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.571 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX039527.D
 Acq: 28 Dec 2023 19:20

Tgt Ion: 75 Resp: 46637
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.957 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039527.D
 Acq: 28 Dec 2023 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 46637
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

