

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035621.D
 Acq On : 11 May 2023 20:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 12 03:55:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	189354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155518	47.079	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.160%
35) Dibromofluoromethane	5.385	113	110631	47.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.647	98	420505	48.743	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.079	95	169857	48.899	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.800%

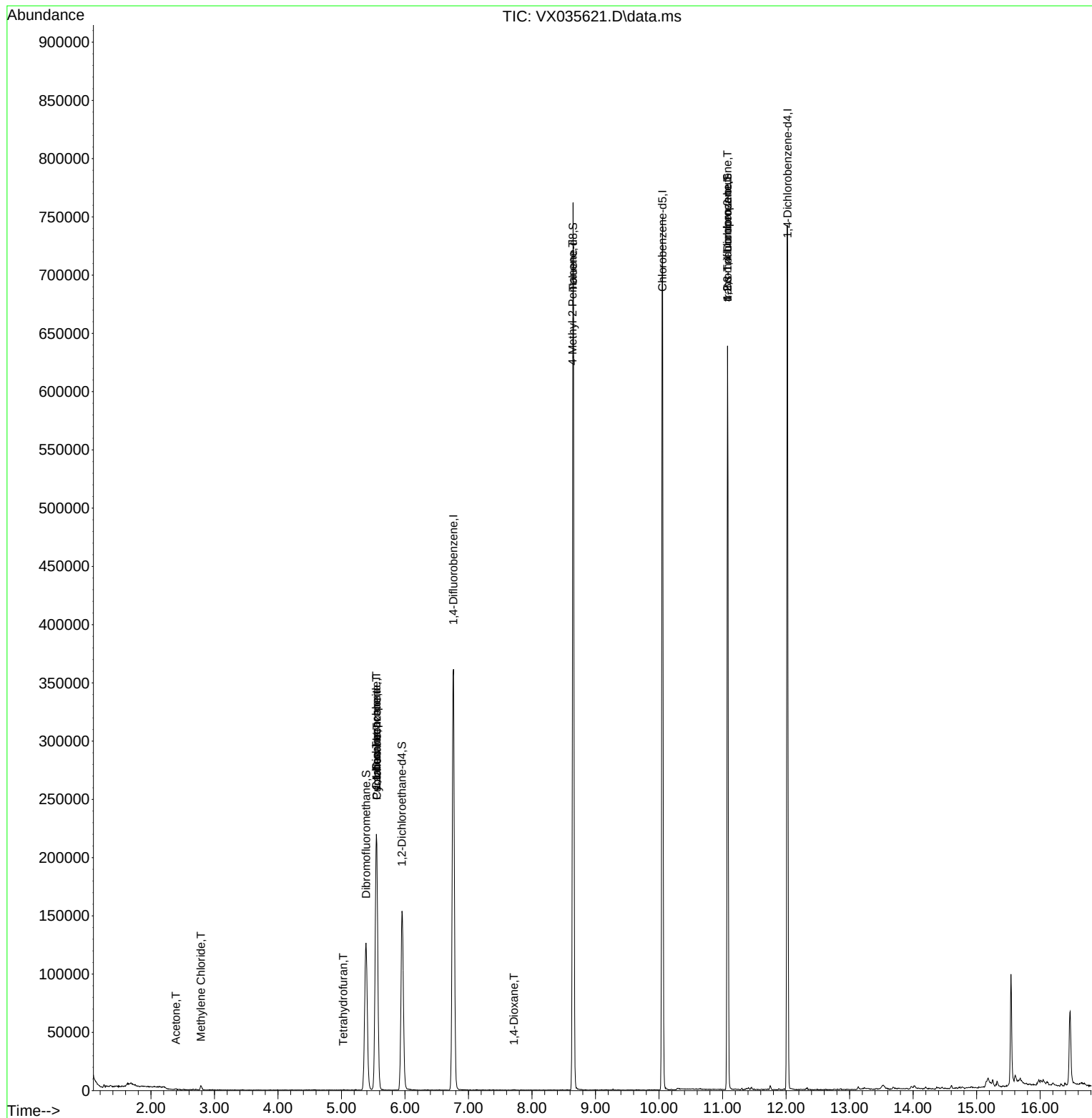
Target Compounds					Qvalue	
16) Acetone	2.392	43	1068	0.752	ug/l #	66
20) Methylene Chloride	2.788	84	1534	0.596	ug/l	91
29) Tetrahydrofuran	5.025	42	276	0.223	ug/l #	40
31) Cyclohexane	5.556	56	4747	1.137	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	18552	5.033	ug/l #	49
38) Carbon Tetrachloride	5.550	117	21855	6.259	ug/l #	16
49) 1,4-Dioxane	7.714	88	408	7.558	ug/l #	46
51) 4-Methyl-2-Pentanone	8.640	43	2355	0.610	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	93433	27.448	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93433	88.462	ug/l #	8

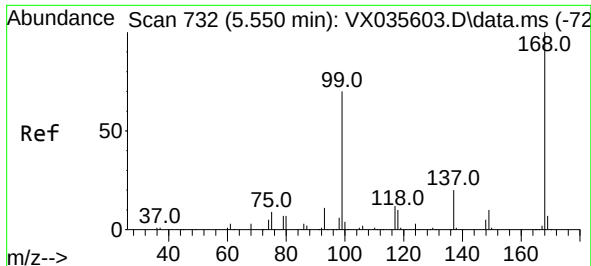
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
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Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: May 12 03:55:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

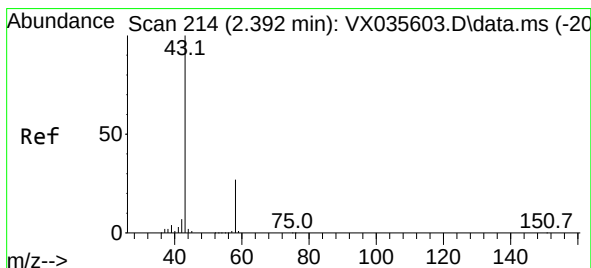
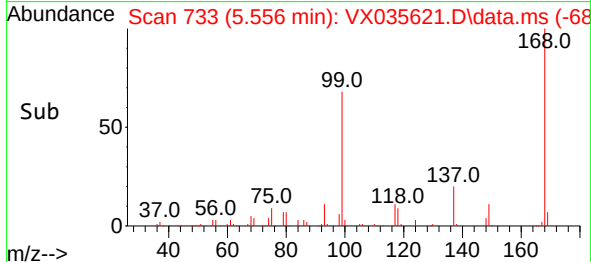
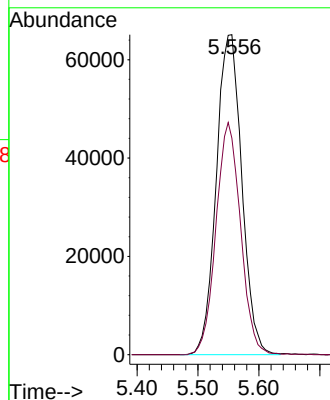
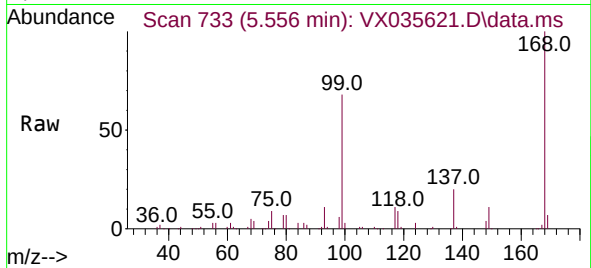




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

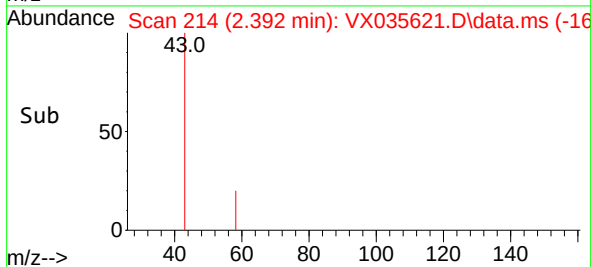
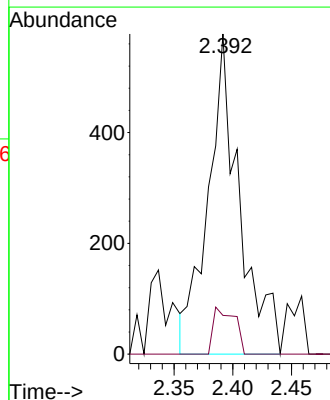
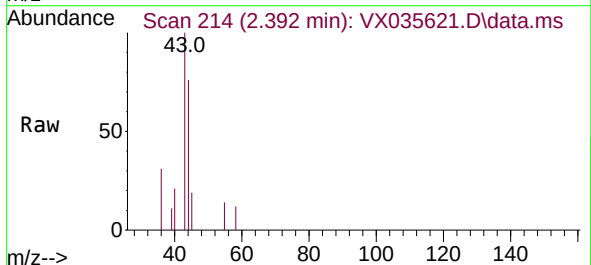
Instrument :
MSVOA_X
ClientSampleId :
IBLK

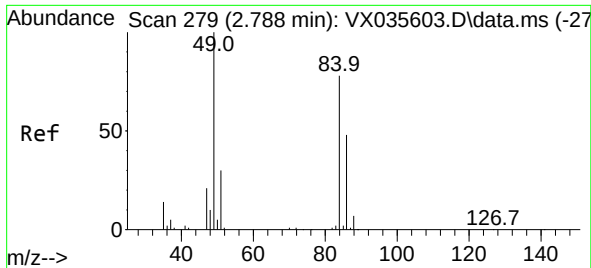
Tgt Ion:168 Resp: 189354
Ion Ratio Lower Upper
168 100
99 67.6 45.7 68.5



#16
Acetone
Concen: 0.752 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
58 12.1 24.7 37.1#



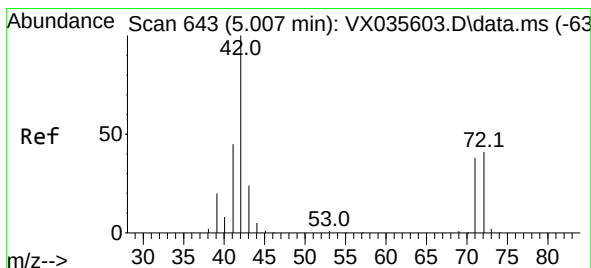
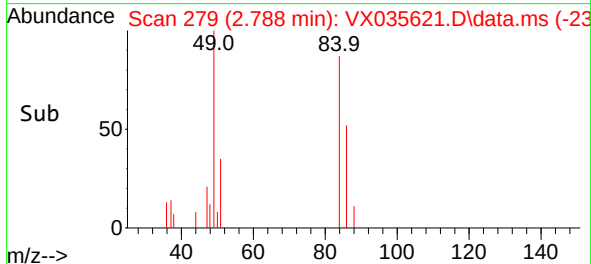
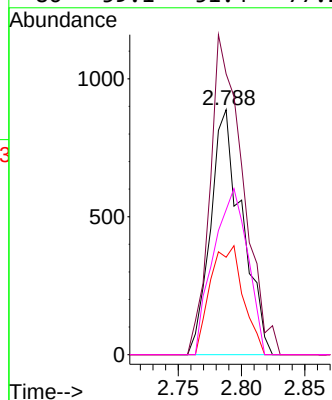
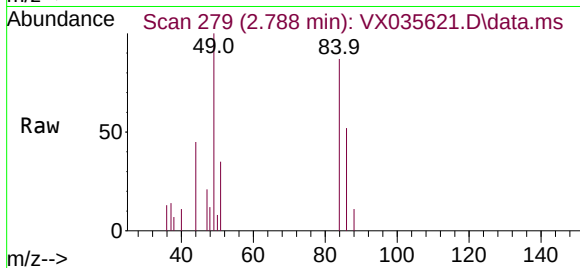


#20
Methylene Chloride
Concen: 0.596 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1534

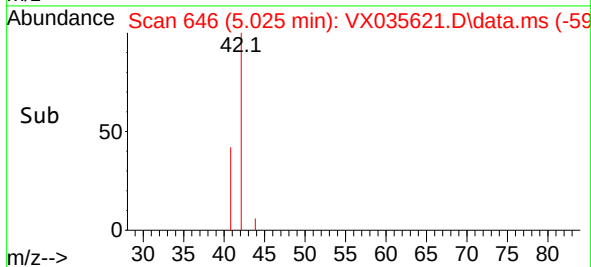
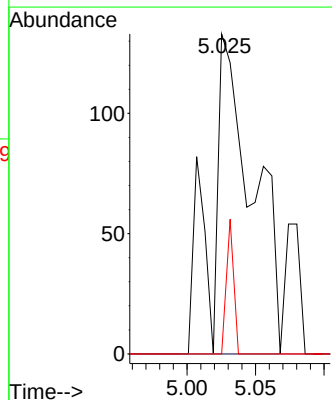
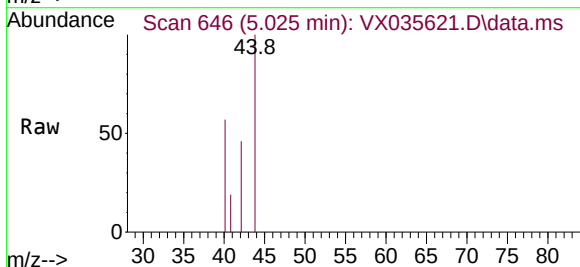
Ion	Ratio	Lower	Upper
84	100		
49	114.6	103.8	155.8
51	39.8	31.8	47.8
86	59.1	51.4	77.2

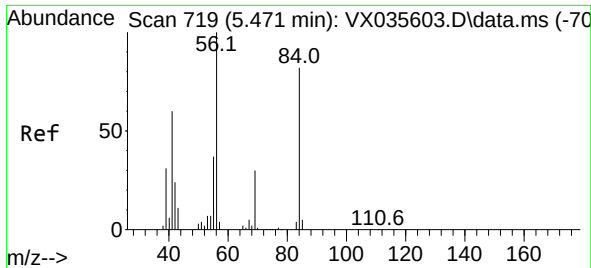


#29
Tetrahydrofuran
Concen: 0.223 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

Tgt Ion: 42 Resp: 276

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.5	51.7#
71	7.2	32.1	48.1#

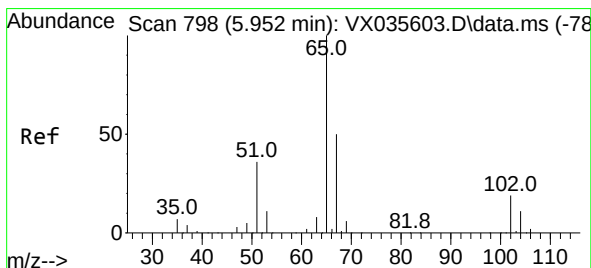
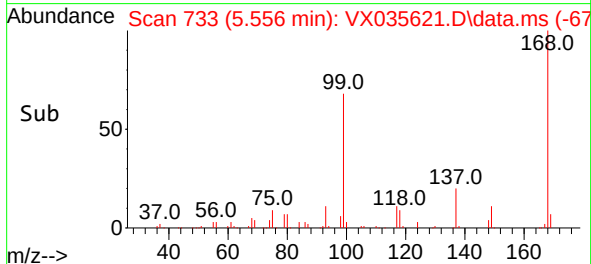
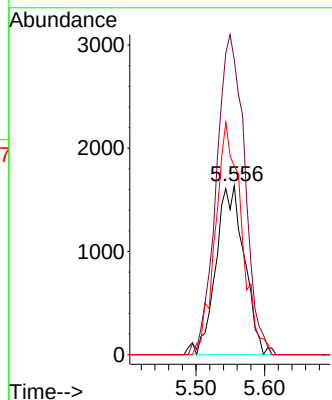
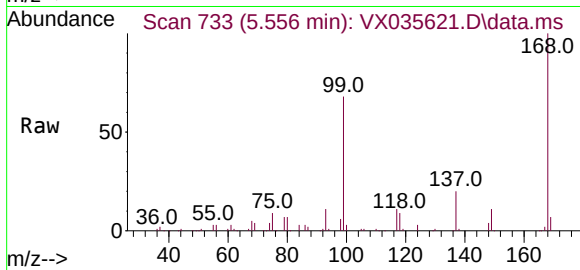




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

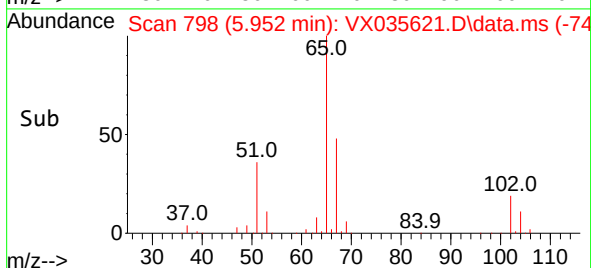
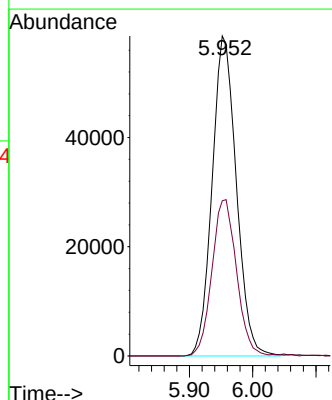
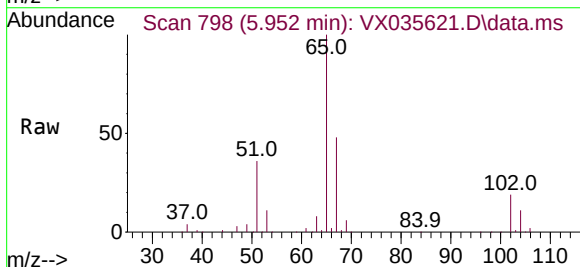
Instrument :
MSVOA_X
ClientSampleId :
IBLK

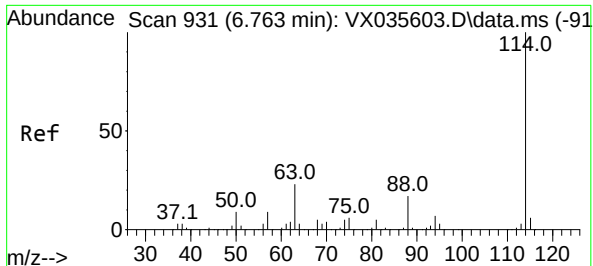
Tgt Ion: 56 Resp: 4747
Ion Ratio Lower Upper
56 100
69 174.5 23.7 35.5#
84 111.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.079 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

Tgt Ion: 65 Resp: 155518
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.0

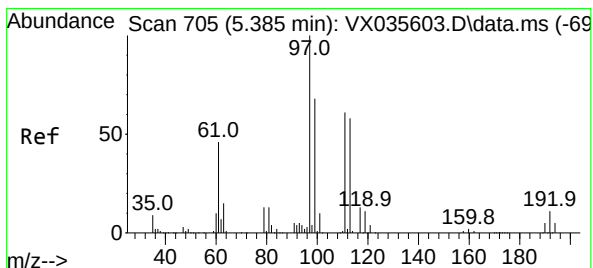
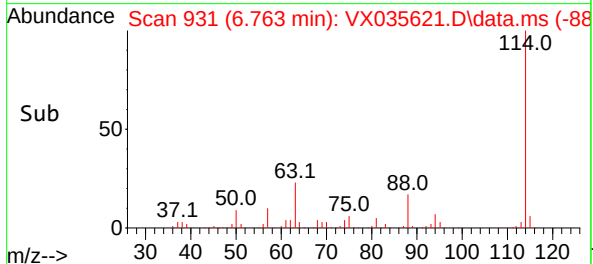
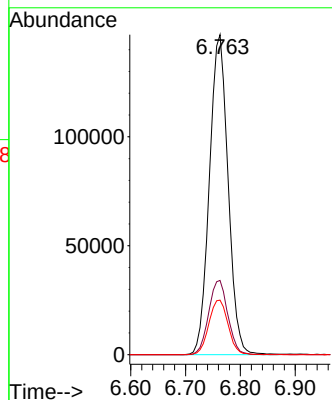
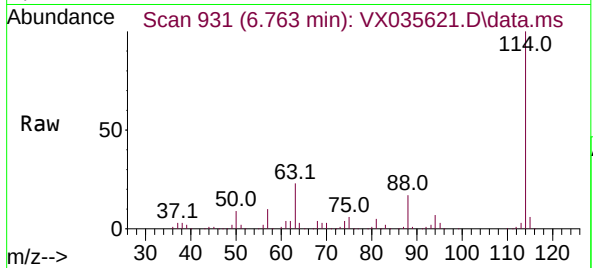




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

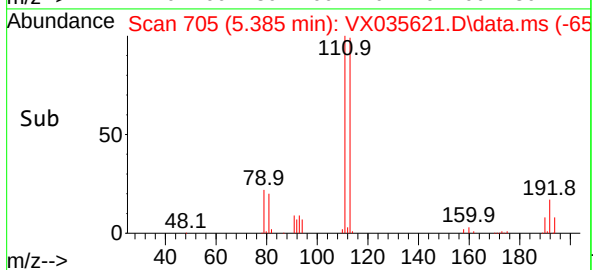
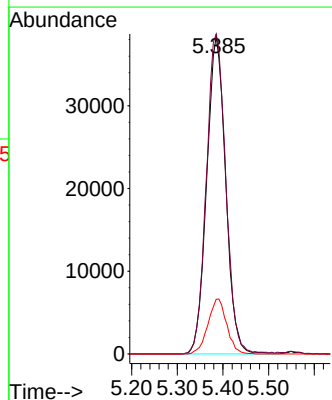
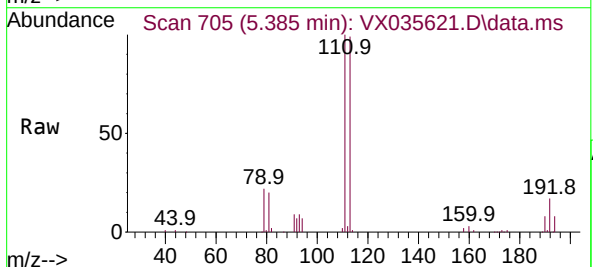
Instrument :
MSVOA_X
ClientSampleId :
IBLK

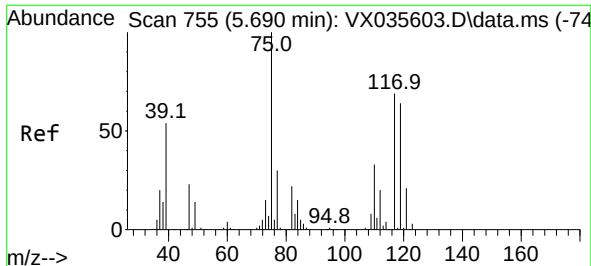
Tgt Ion:114 Resp: 346274
Ion Ratio Lower Upper
114 100
63 23.2 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.374 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

Tgt Ion:113 Resp: 110631
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 17.1 15.4 23.2

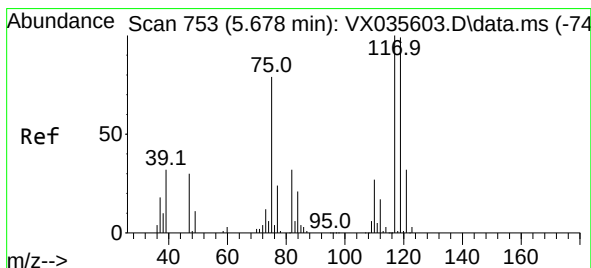
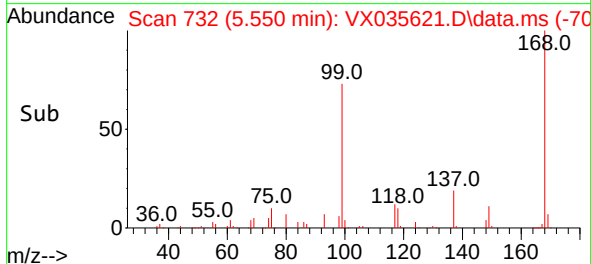
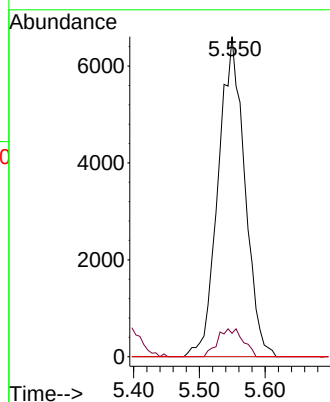
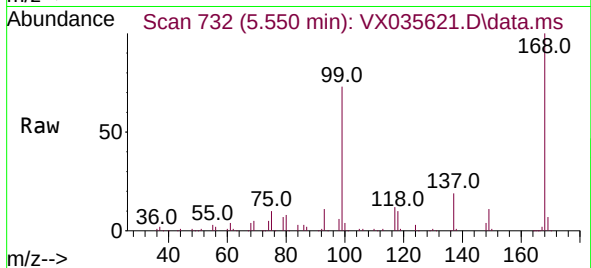




#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

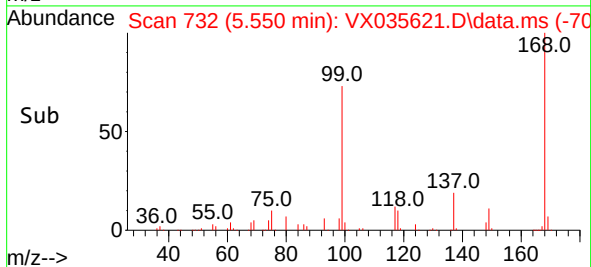
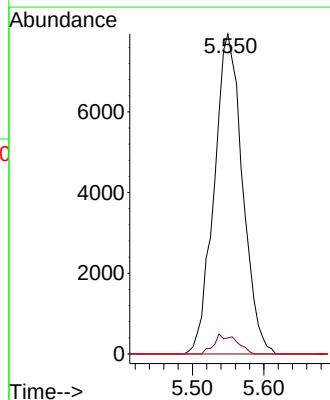
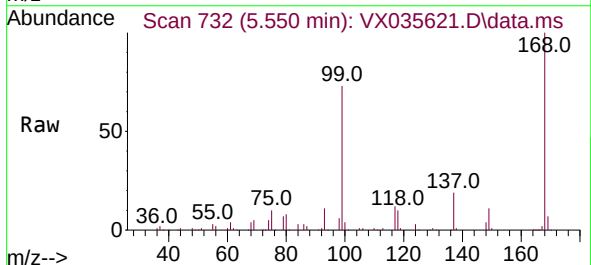
Instrument :
MSVOA_X
ClientSampleId :
IBLK

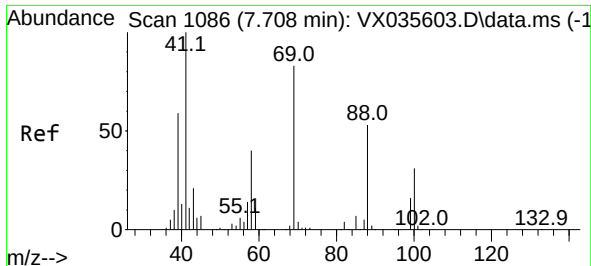
Tgt Ion: 75 Resp: 18552
Ion Ratio Lower Upper
75 100
110 8.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.259 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

Tgt Ion: 117 Resp: 21855
Ion Ratio Lower Upper
117 100
119 5.0 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 7.558 ug/l

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035621.D

Acq: 11 May 2023 20:33

Instrument :

MSVOA_X

ClientSampleId :

IBLK

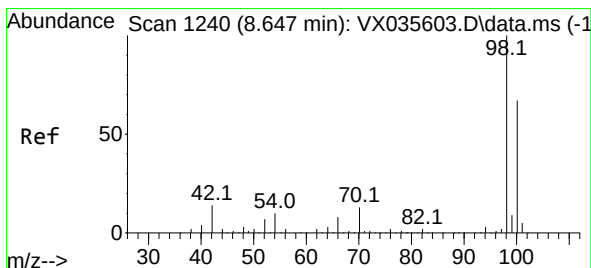
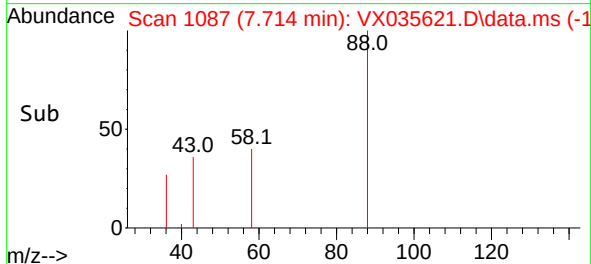
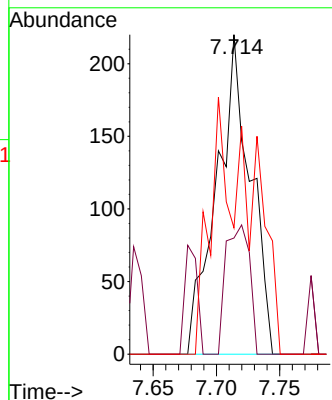
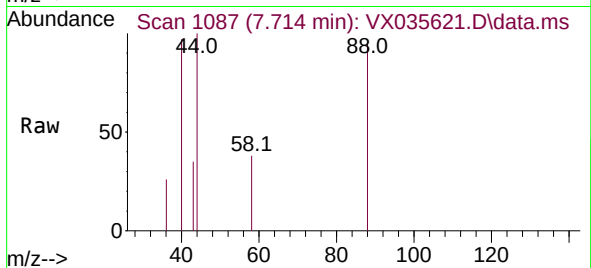
Tgt Ion: 88 Resp: 408

Ion Ratio Lower Upper

88 100

43 28.4 27.7 41.5

58 9.3 56.8 85.2#



#50

Toluene-d8

Concen: 48.743 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035621.D

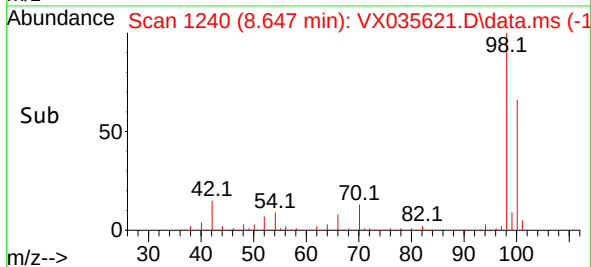
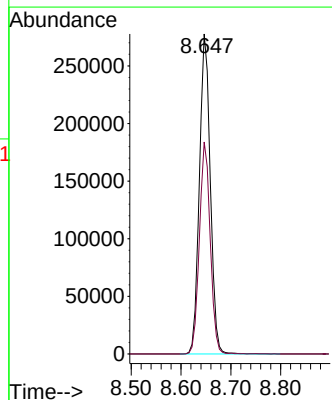
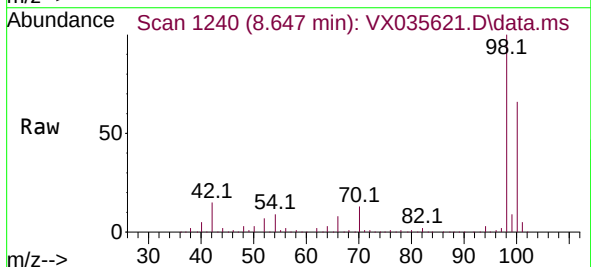
Acq: 11 May 2023 20:33

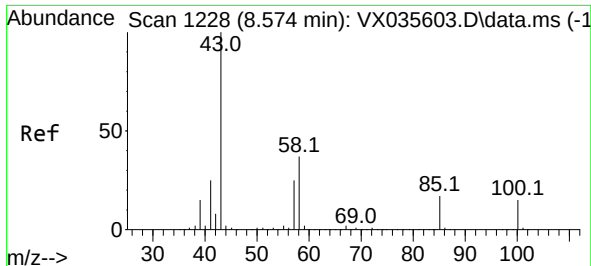
Tgt Ion: 98 Resp: 420505

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.610 ug/l

RT: 8.640 min Scan# 1239

Delta R.T. 0.066 min

Lab File: VX035621.D

Acq: 11 May 2023 20:33

Instrument :

MSVOA_X

ClientSampleId :

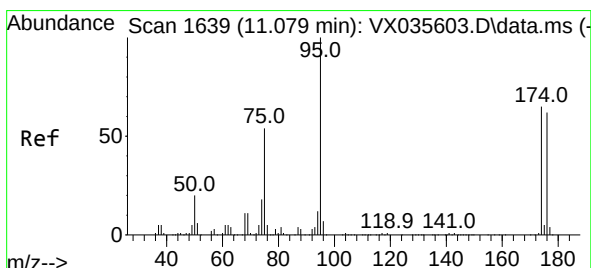
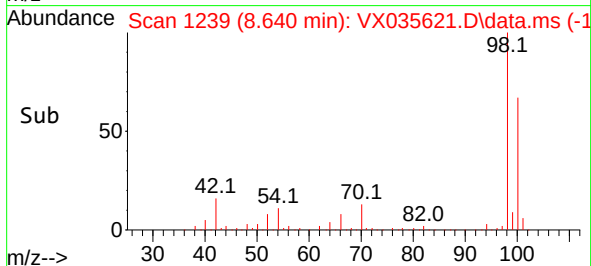
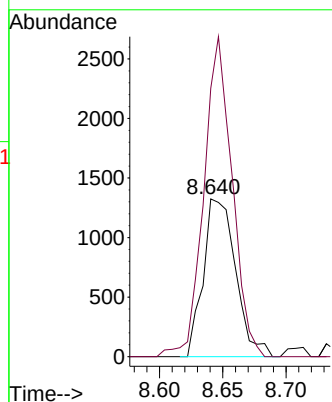
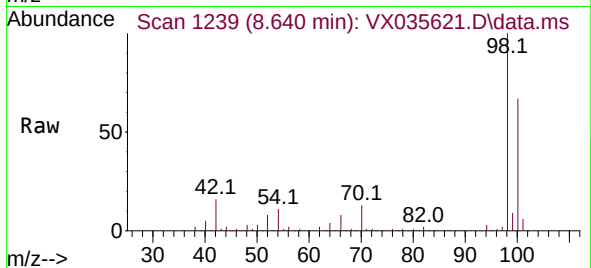
IBLK

Tgt Ion: 43 Resp: 2355

Ion Ratio Lower Upper

43 100

58 177.8 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 48.899 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035621.D

Acq: 11 May 2023 20:33

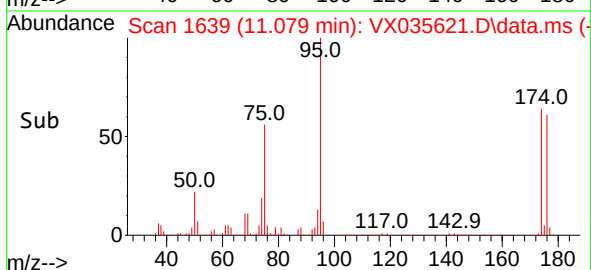
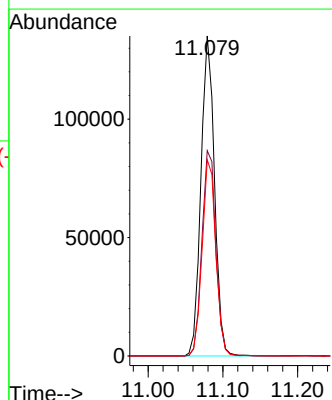
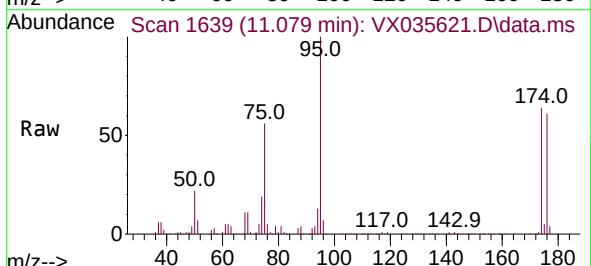
Tgt Ion: 95 Resp: 169857

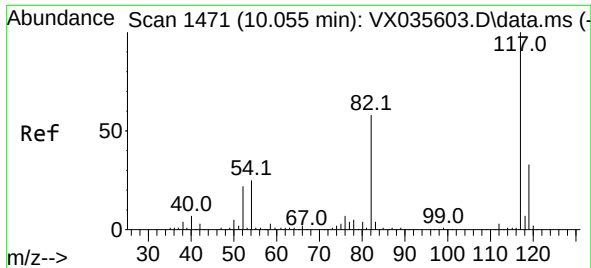
Ion Ratio Lower Upper

95 100

174 65.8 0.0 147.4

176 62.0 0.0 140.6

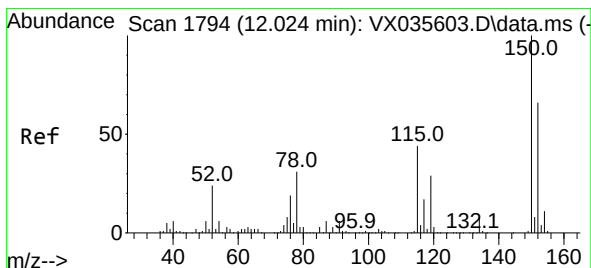
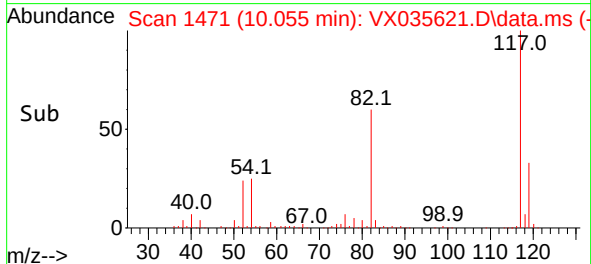
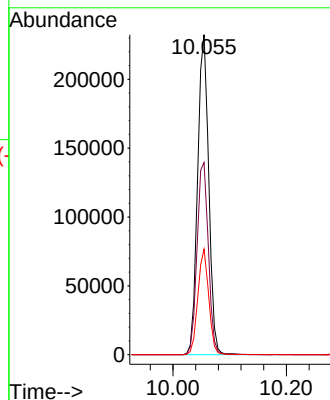
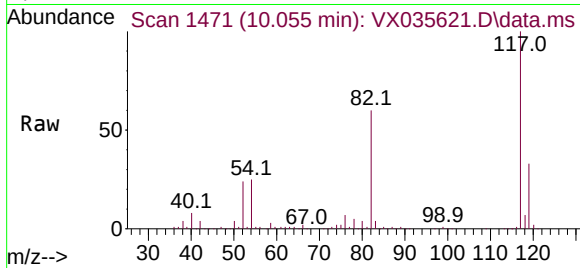




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

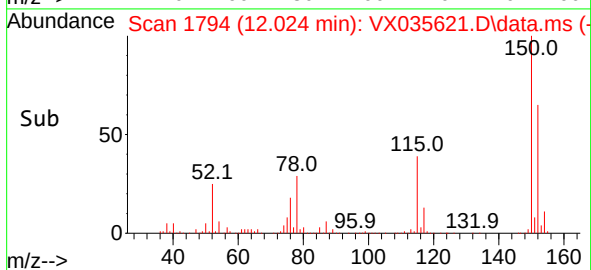
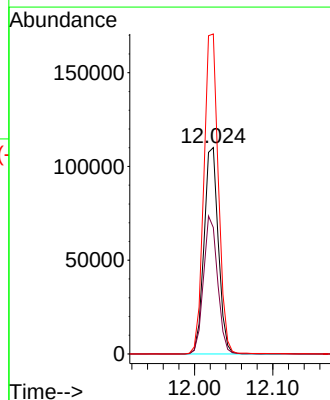
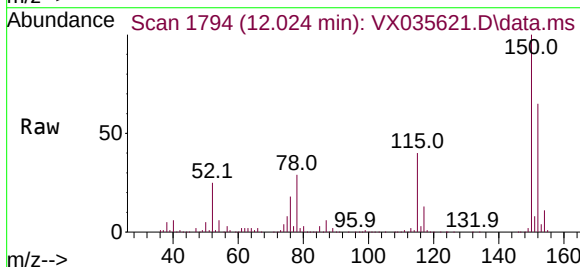
Instrument :
MSVOA_X
ClientSampleId :
IBLK

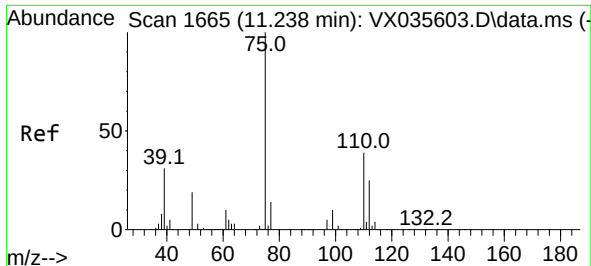
Tgt Ion:117 Resp: 315816
Ion Ratio Lower Upper
117 100
82 60.1 45.0 67.4
119 33.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

Tgt Ion:152 Resp: 139163
Ion Ratio Lower Upper
152 100
115 65.7 45.0 135.0
150 157.6 0.0 352.4

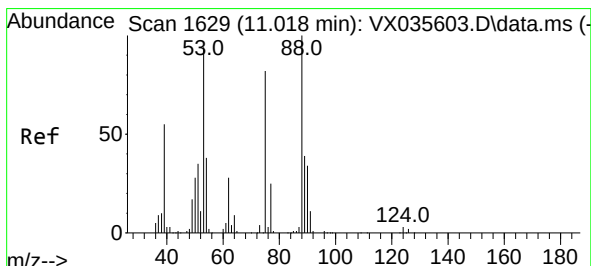
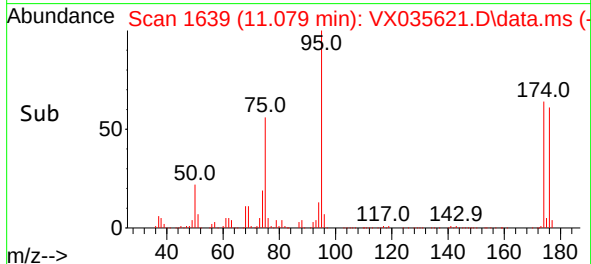
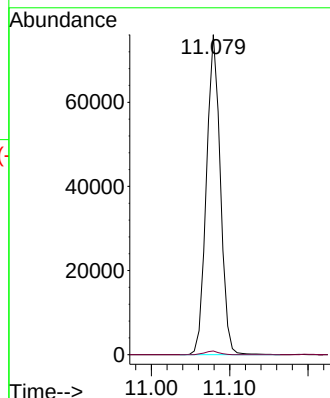
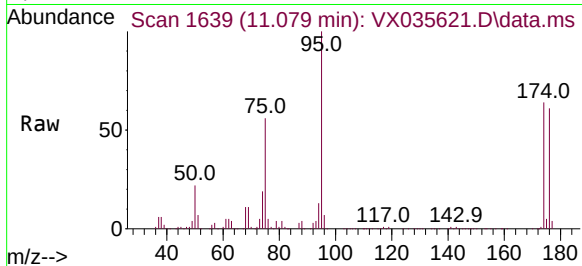




#76
1,2,3-Trichloropropane
Concen: 27.448 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 93433
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035621.D
Acq: 11 May 2023 20:33

Tgt Ion: 75 Resp: 93433
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

