

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036151.D
 Acq On : 13 Jun 2023 18:00
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 14 00:58:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

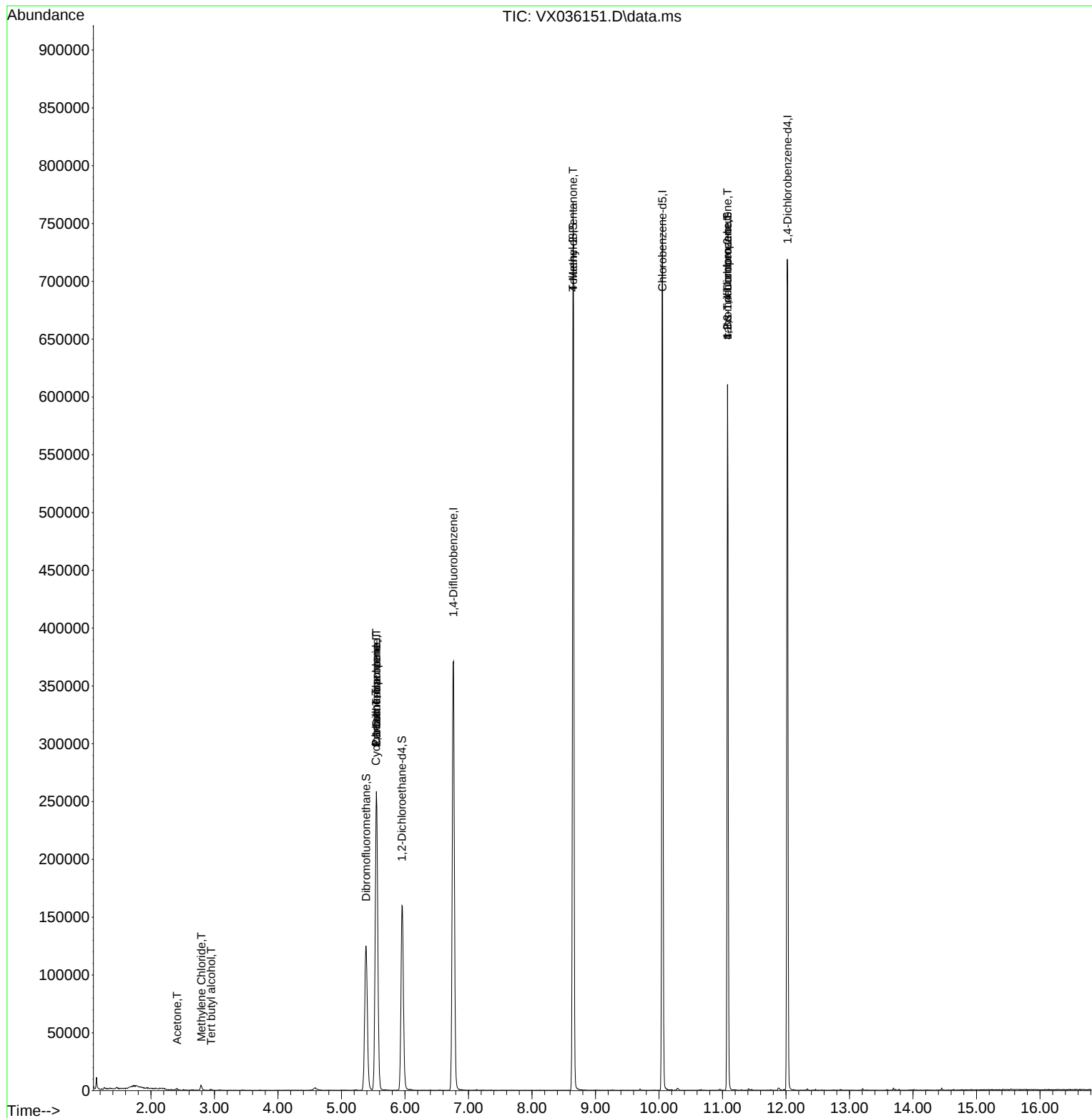
Internal Standards						
1) Pentafluorobenzene	5.550	168	216127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164373	46.835	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.680%
35) Dibromofluoromethane	5.385	113	109641	46.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.647	98	422641	49.574	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.079	95	159081	47.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	463	0.743	ug/l #	78
16) Acetone	2.410	43	1489	1.028	ug/l #	76
20) Methylene Chloride	2.794	84	1958	0.702	ug/l #	74
31) Cyclohexane	5.544	56	5979	1.627	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	21473	6.780	ug/l #	52
38) Carbon Tetrachloride	5.550	117	25513	8.266	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	2380	0.672	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	89416	28.865	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	89416	97.228	ug/l #	3

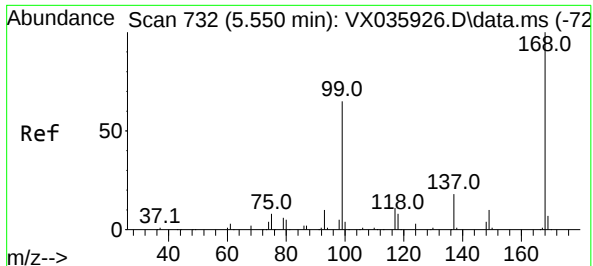
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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IBLK

Quant Time: Jun 14 00:58:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

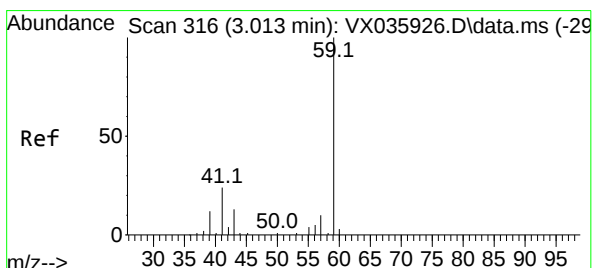
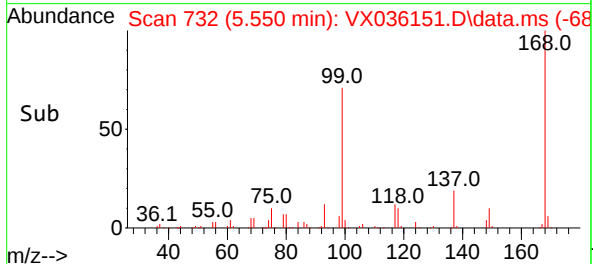
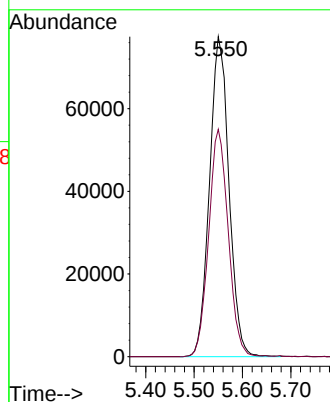
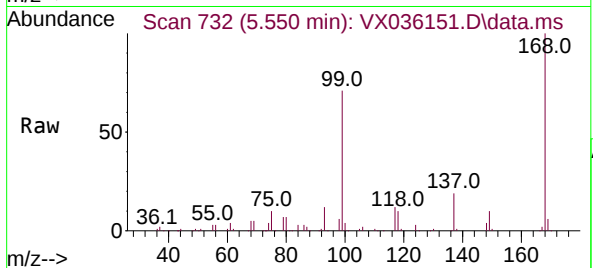




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

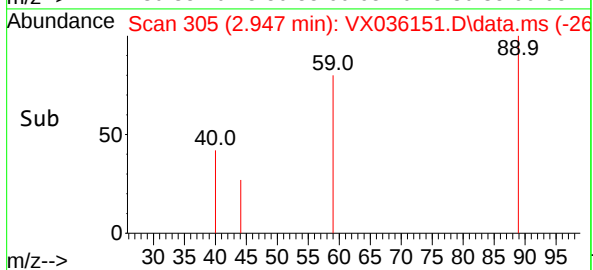
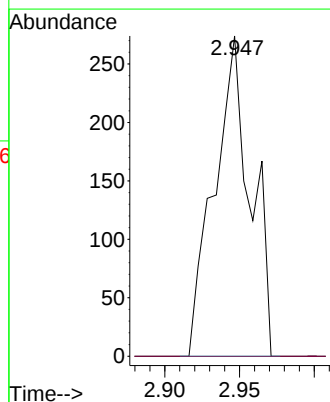
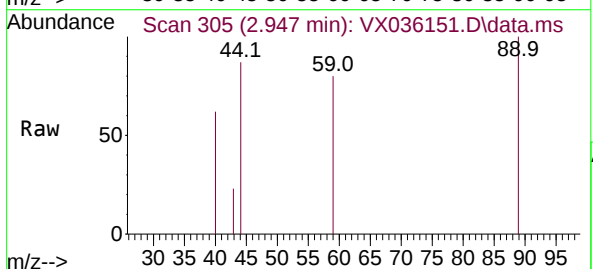
Instrument :
MSVOA_X
ClientSampleId :
IBLK

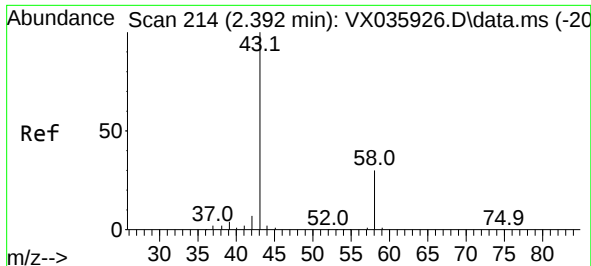
Tgt Ion:168 Resp: 216127
Ion Ratio Lower Upper
168 100
99 71.0 57.0 85.6



#11
Tert butyl alcohol
Concen: 0.743 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

Tgt Ion: 59 Resp: 463
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

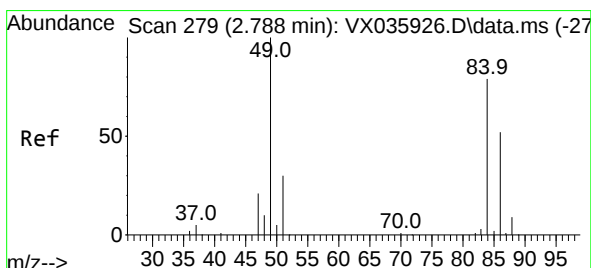
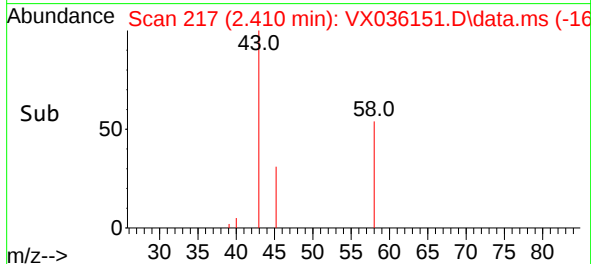
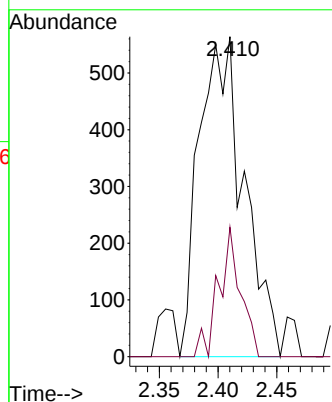
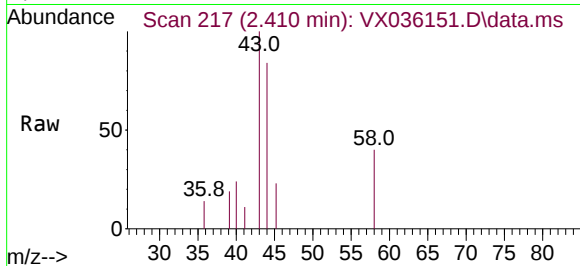




#16
Acetone
Concen: 1.028 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.019 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

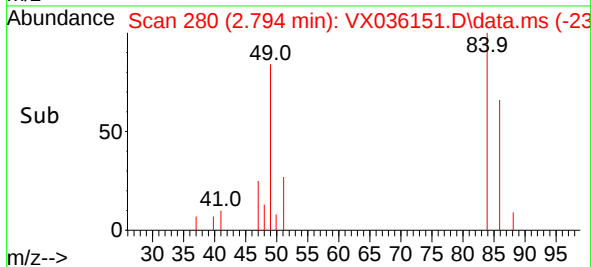
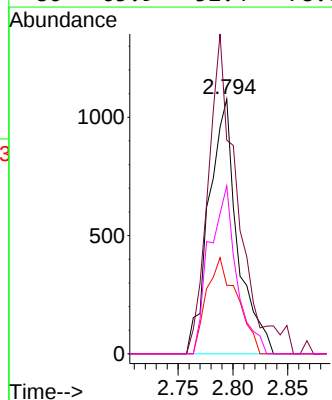
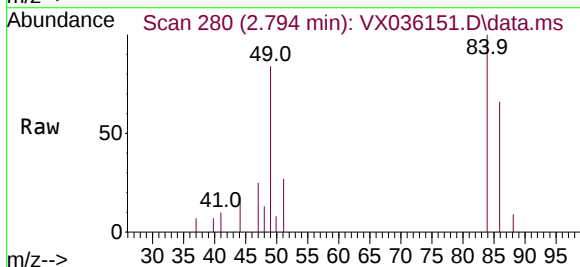
Instrument :
MSVOA_X
ClientSampleId :
IBLK

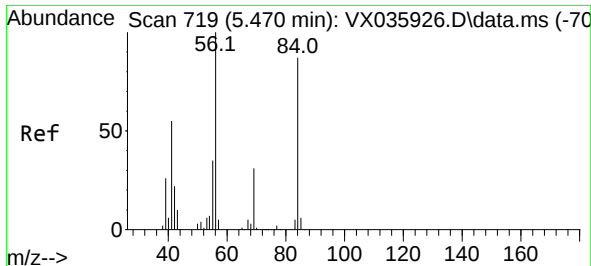
Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
58 40.4 22.2 33.2#



#20
Methylene Chloride
Concen: 0.702 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

Tgt Ion: 84 Resp: 1958
Ion Ratio Lower Upper
84 100
49 83.8 104.6 156.8#
51 26.9 32.2 48.4#
86 65.9 52.4 78.6

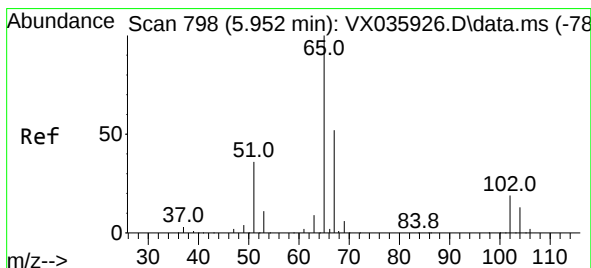
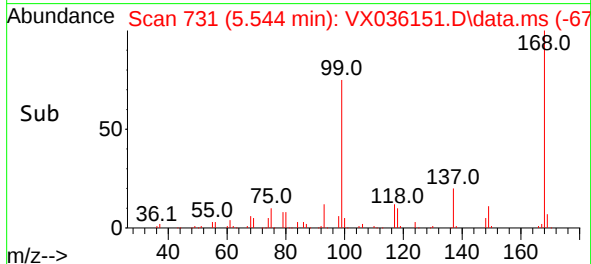
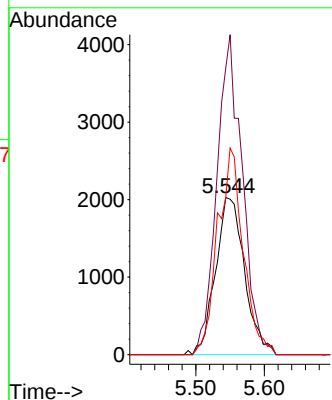
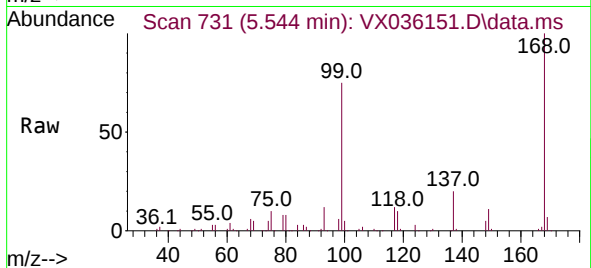




#31
Cyclohexane
Concen: 1.627 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

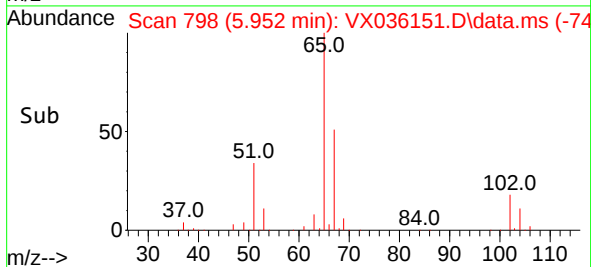
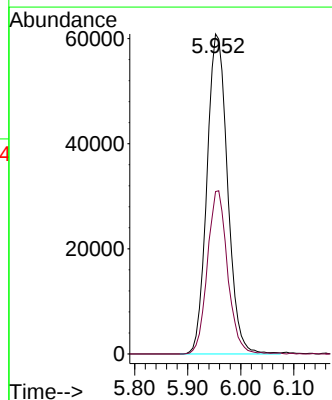
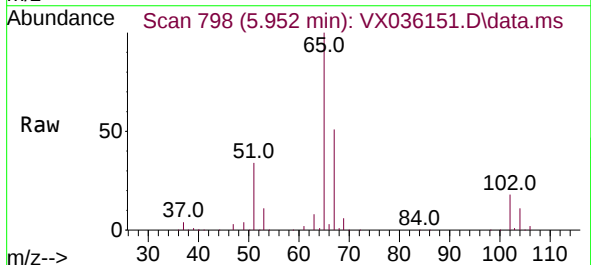
Instrument :
MSVOA_X
ClientSampleId :
IBLK

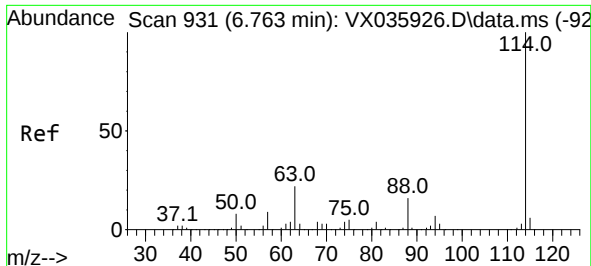
Tgt Ion: 56 Resp: 5979
Ion Ratio Lower Upper
56 100
69 182.7 25.9 38.9#
84 100.4 67.6 101.4



#33
1,2-Dichloroethane-d4
Concen: 46.835 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

Tgt Ion: 65 Resp: 164373
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.6

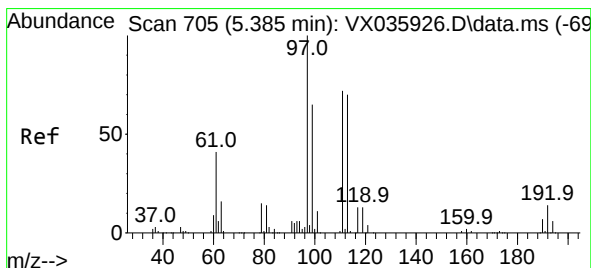
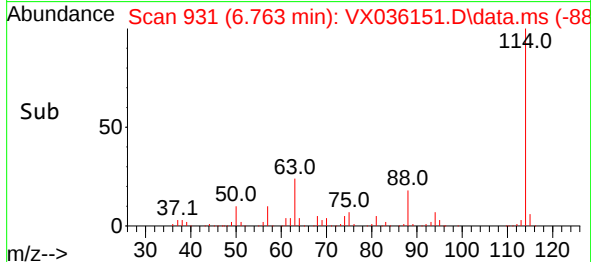
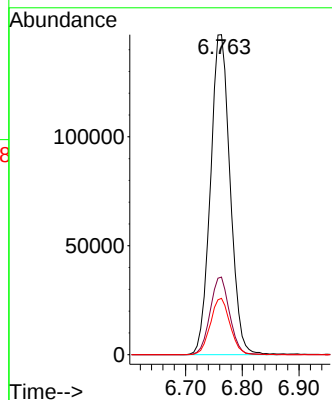
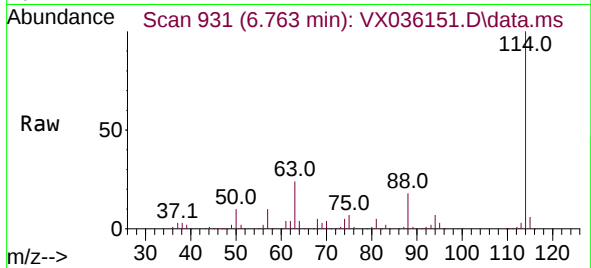




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

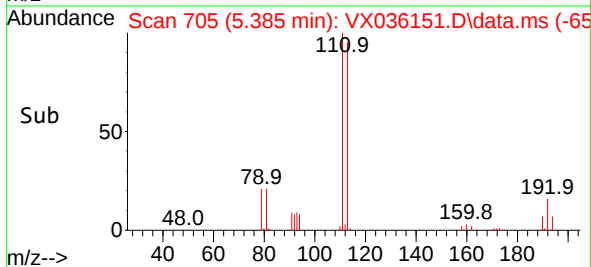
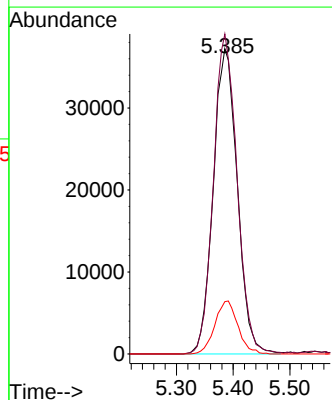
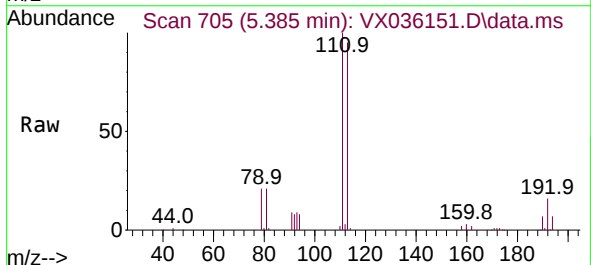
Instrument :
MSVOA_X
ClientSampleId :
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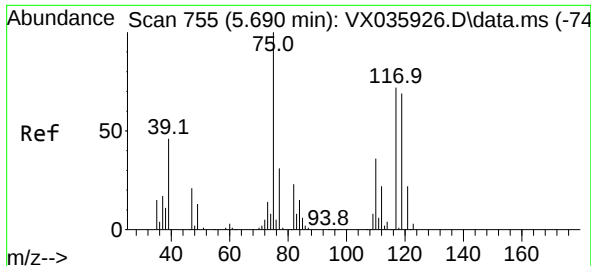
Tgt Ion:114 Resp: 353182
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.0
88 17.6 0.0 35.2



#35
Dibromofluoromethane
Concen: 46.155 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

Tgt Ion:113 Resp: 109641
Ion Ratio Lower Upper
113 100
111 103.0 81.7 122.5
192 16.7 13.5 20.3

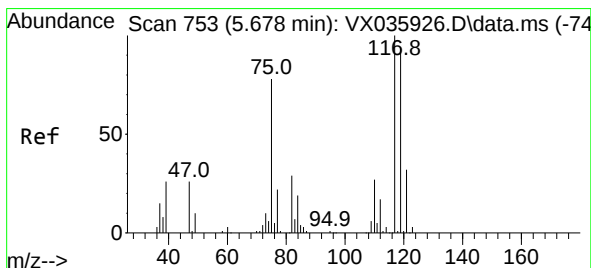
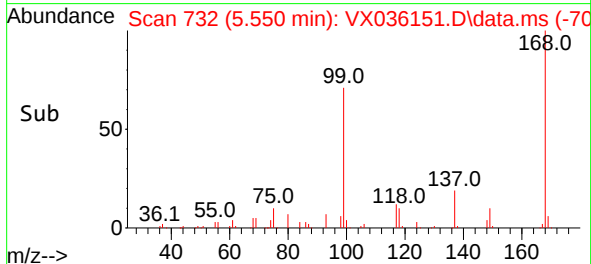
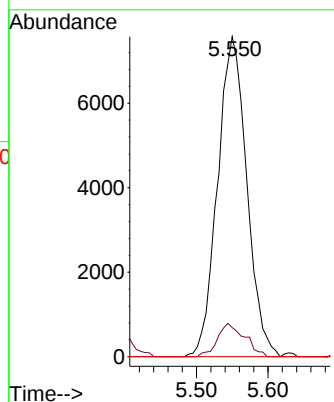
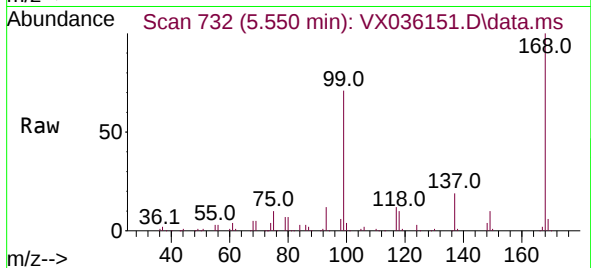




#36
1,1-Dichloropropene
Concen: 6.780 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

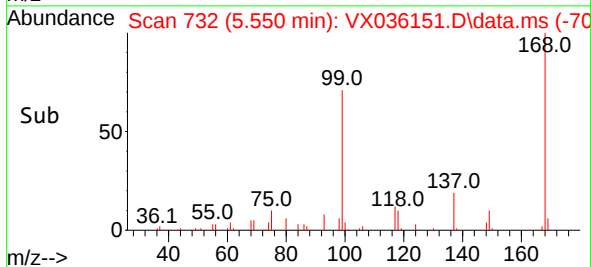
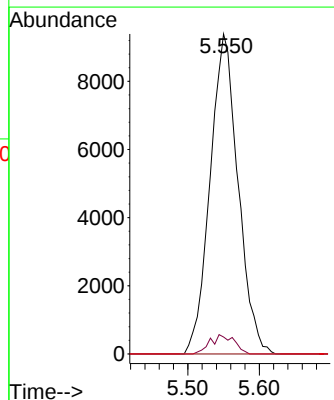
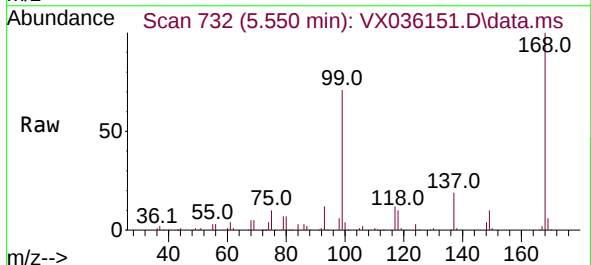
Instrument :
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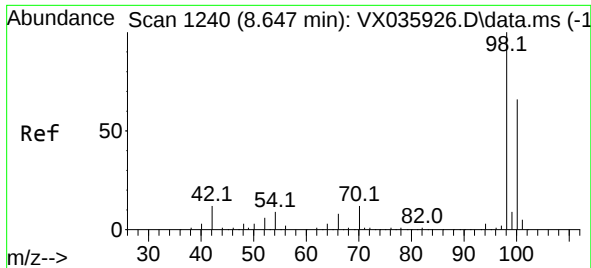
Tgt Ion: 75 Resp: 21473
Ion Ratio Lower Upper
75 100
110 9.7 16.6 49.7#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 8.266 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

Tgt Ion: 117 Resp: 25513
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.0 37.4#

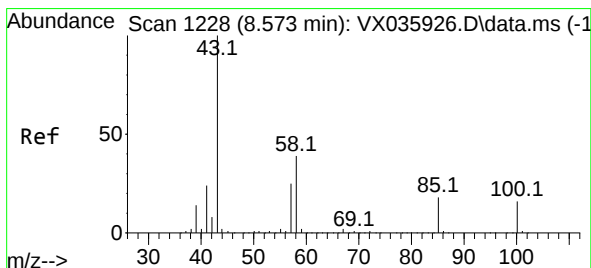
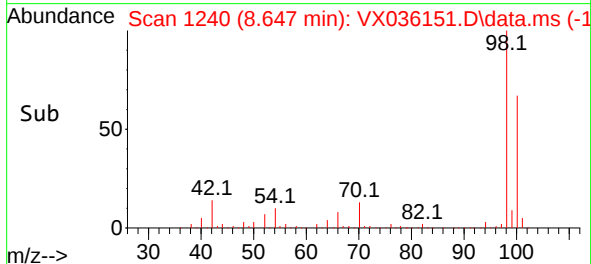
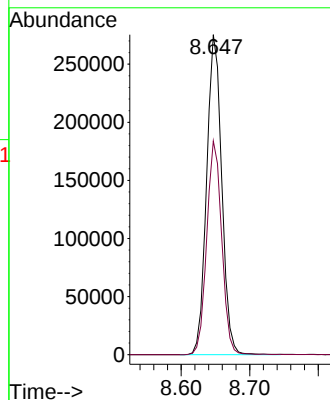
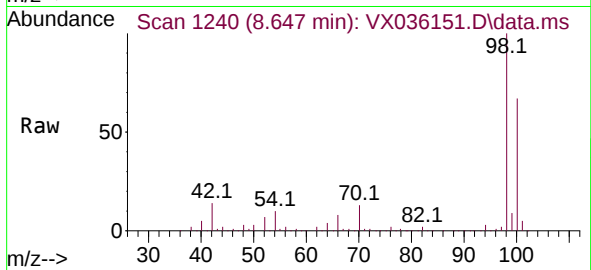




#50
Toluene-d8
Concen: 49.574 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

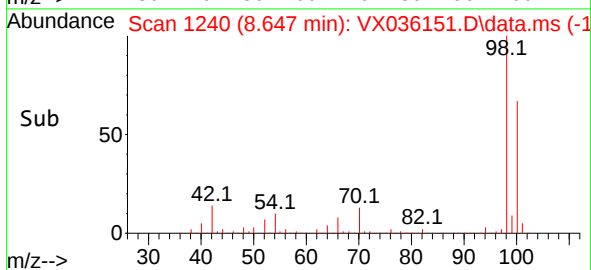
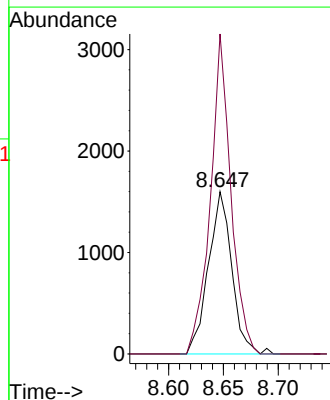
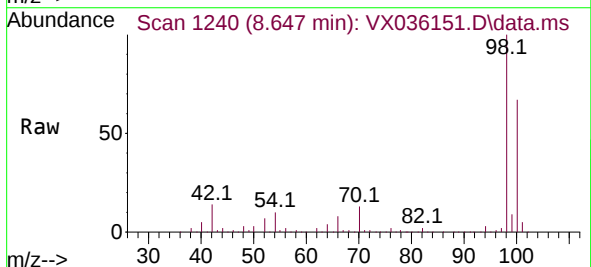
Instrument :
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IBLK

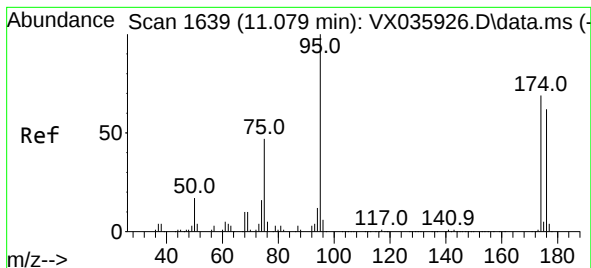
Tgt Ion: 98 Resp: 422641
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.672 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

Tgt Ion: 43 Resp: 2380
Ion Ratio Lower Upper
43 100
58 172.7 30.1 45.1#

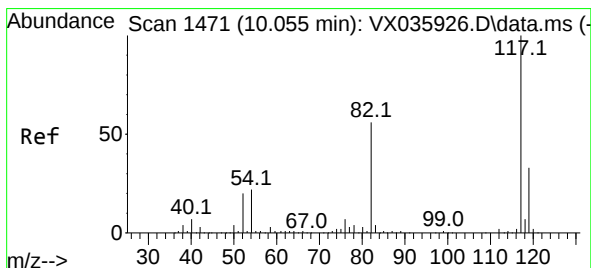
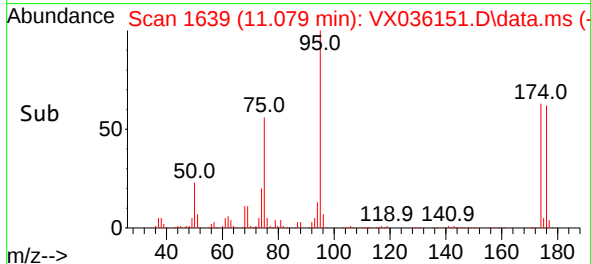
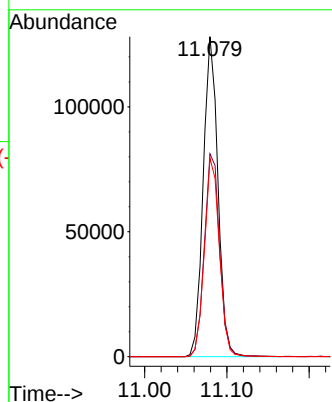
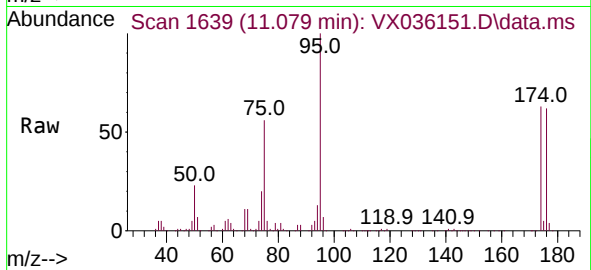




#62
4-Bromofluorobenzene
Concen: 47.268 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

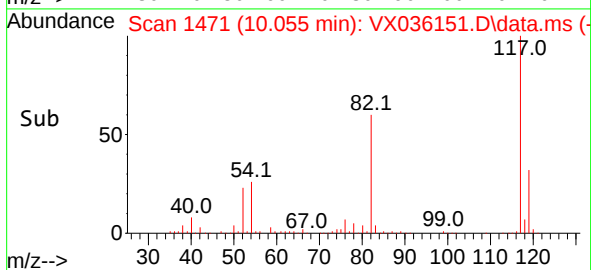
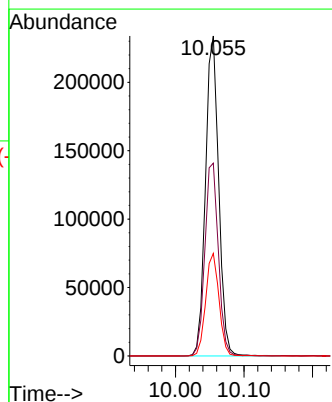
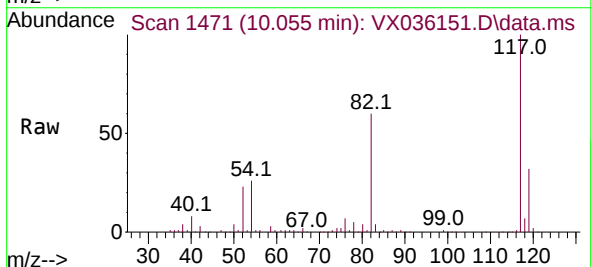
Instrument :
MSVOA_X
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IBLK

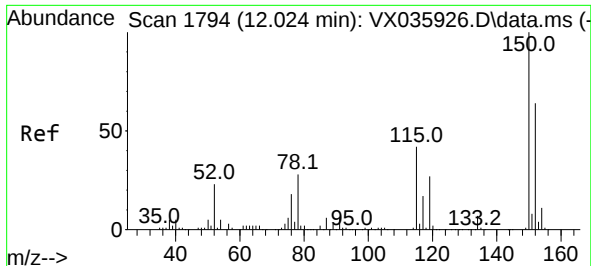
Tgt Ion: 95 Resp: 159081
Ion Ratio Lower Upper
95 100
174 66.1 0.0 132.6
176 63.1 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

Tgt Ion: 117 Resp: 313637
Ion Ratio Lower Upper
117 100
82 60.3 46.6 69.8
119 32.0 25.4 38.2

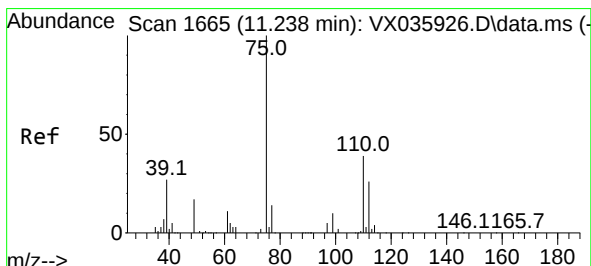
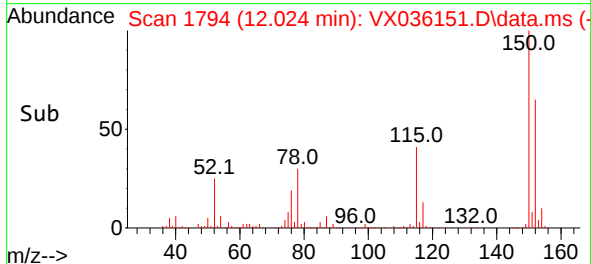
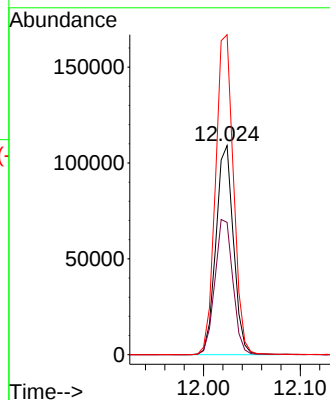
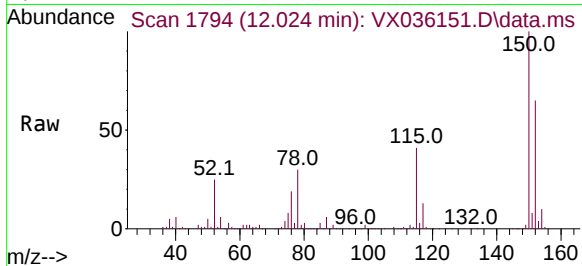




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

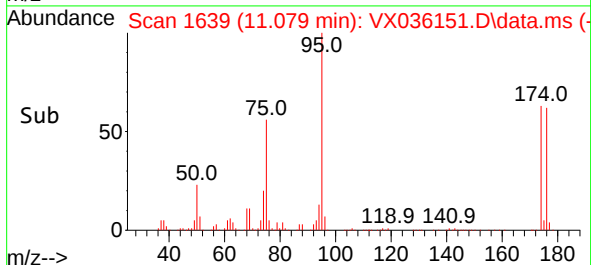
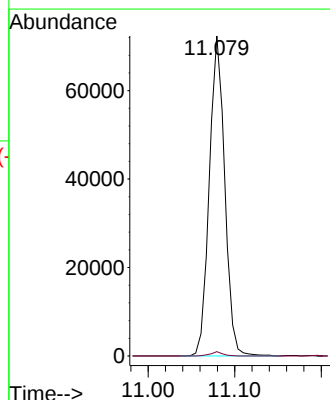
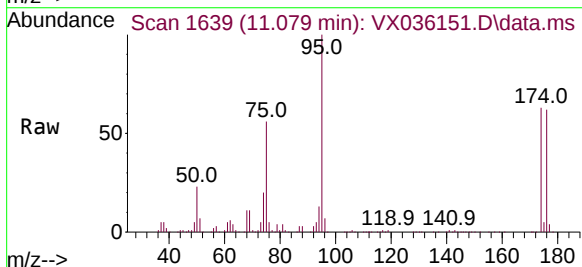
Instrument :
MSVOA_X
ClientSampleId :
IBLK

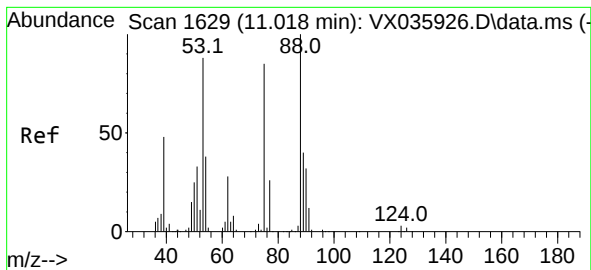
Tgt Ion:152 Resp: 137343
Ion Ratio Lower Upper
152 100
115 66.4 45.5 136.5
150 156.4 0.0 345.2



#76
1,2,3-Trichloropropane
Concen: 28.865 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036151.D
Acq: 13 Jun 2023 18:00

Tgt Ion: 75 Resp: 89416
Ion Ratio Lower Upper
75 100
77 1.1 21.4 64.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.228 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX036151.D
 Acq: 13 Jun 2023 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 89416
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.2 142.8#
 89 0.1 38.0 57.0#

