

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037337.D
 Acq On : 29 Aug 2023 13:14
 Operator : JC/MD
 Sample : 04150-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20230822

Quant Time: Aug 30 02:06:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

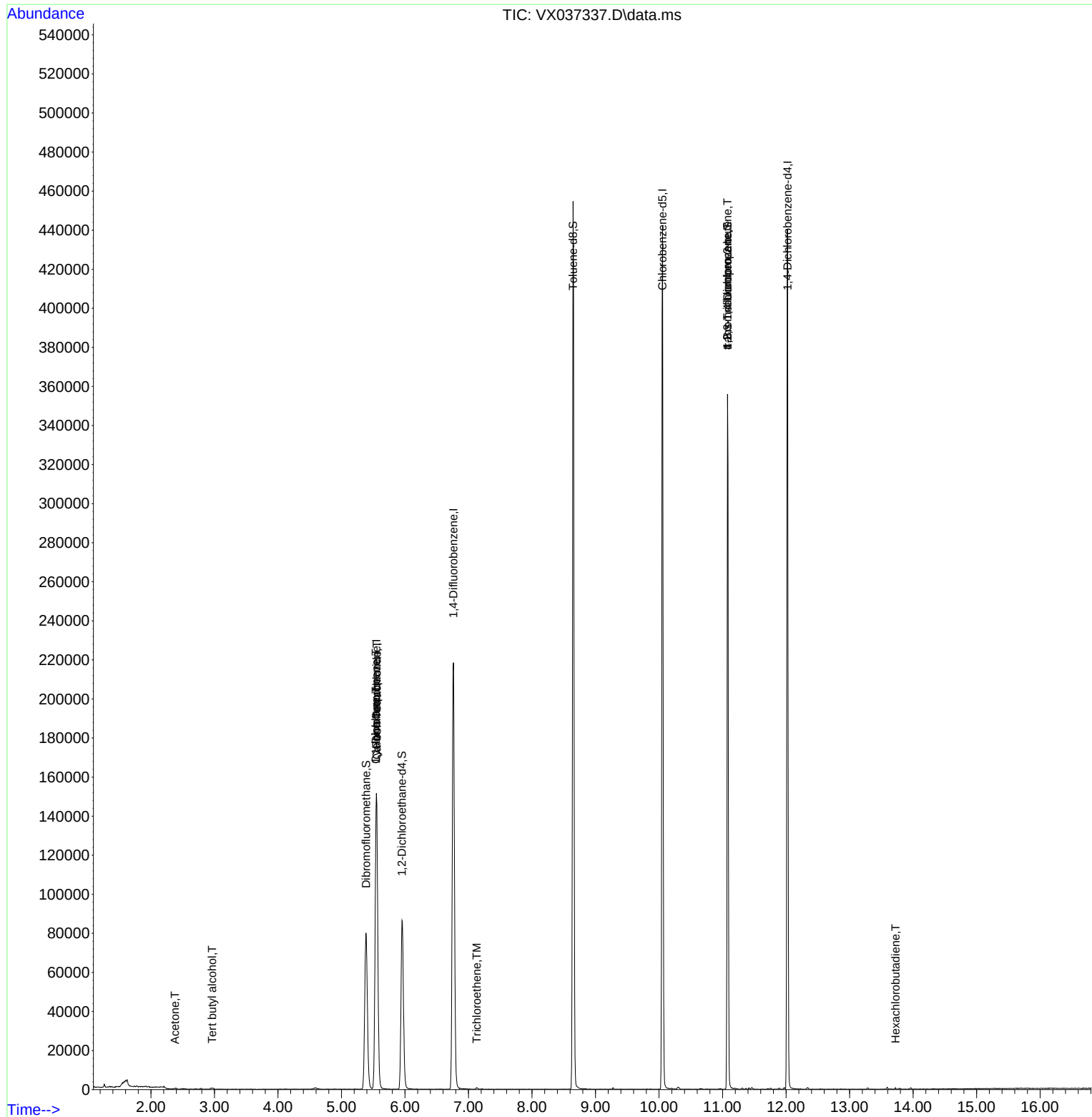
Internal Standards						
1) Pentafluorobenzene	5.550	168	144736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87813	42.084	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.160%
35) Dibromofluoromethane	5.385	113	72454	46.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.580%
50) Toluene-d8	8.647	98	274376	48.328	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.660%
62) 4-Bromofluorobenzene	11.079	95	101167	45.344	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	954	1.949	ug/l #	78
16) Acetone	2.380	43	613	0.751	ug/l #	73
31) Cyclohexane	5.544	56	2670	1.138	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11081	4.983	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15305	6.336	ug/l #	14
44) Trichloroethene	7.129	130	426	0.236	ug/l	75
76) 1,2,3-Trichloropropane	11.079	75	50746	24.886	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50746	69.509	ug/l #	5
94) Hexachlorobutadiene	13.725	225	175	0.248	ug/l	99

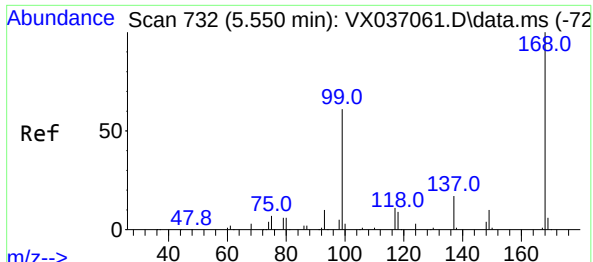
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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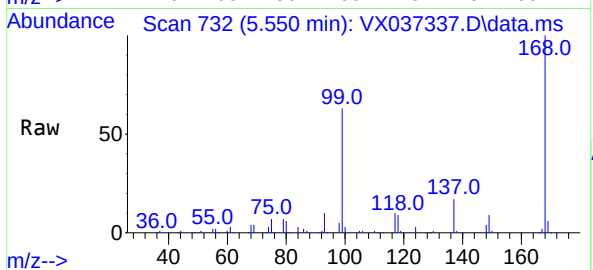
Quant Time: Aug 30 02:06:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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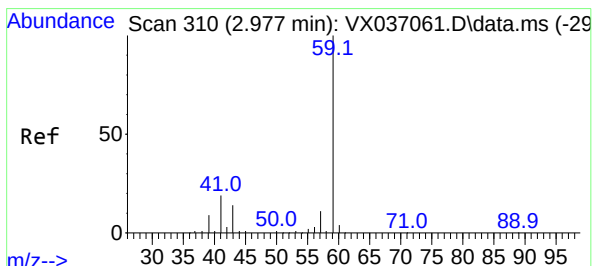
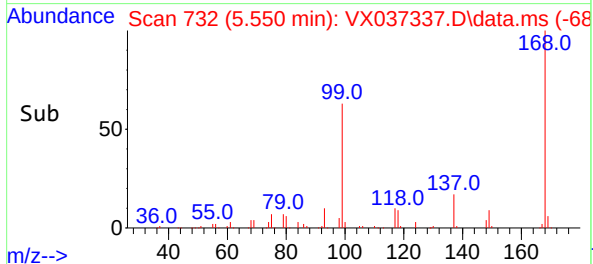
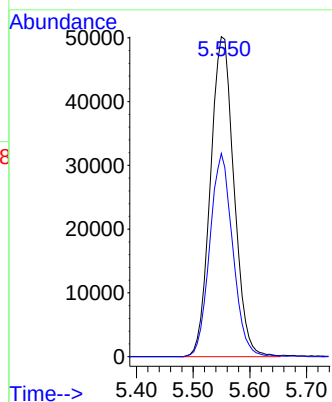


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
TB06-20230822

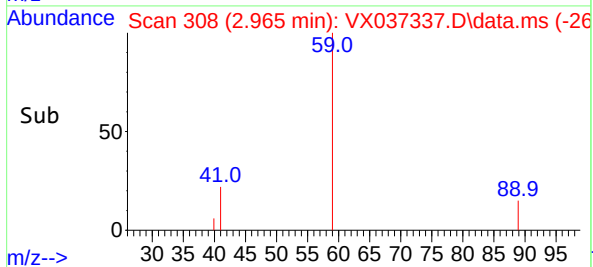
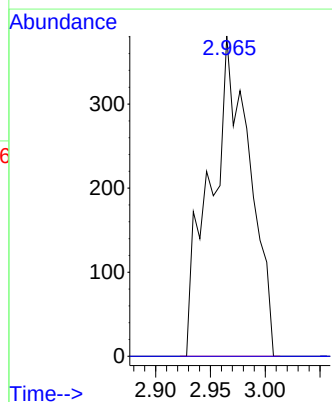
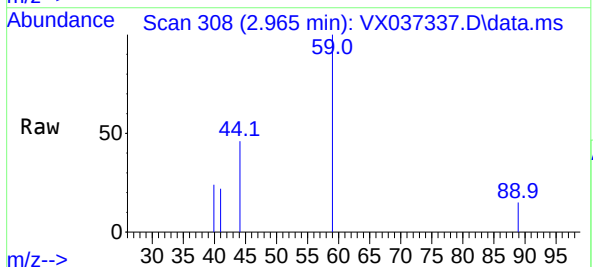


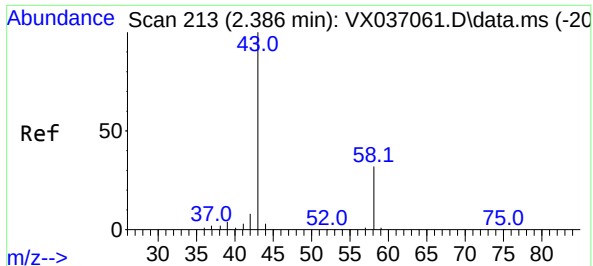
Tgt Ion:168 Resp: 144736
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.949 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

Tgt Ion: 59 Resp: 954
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

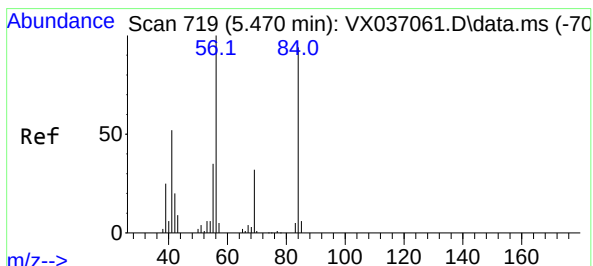
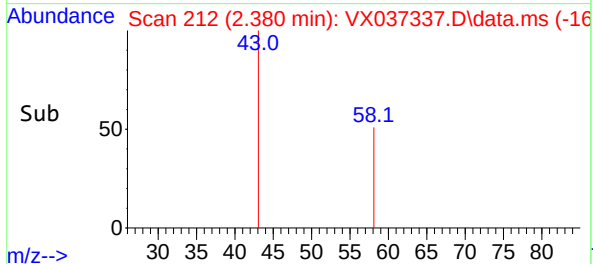
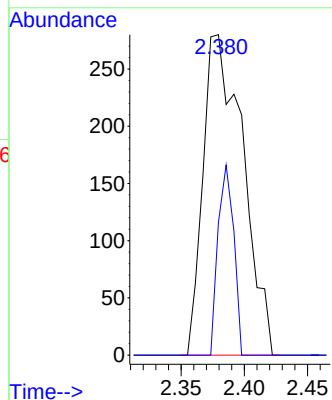
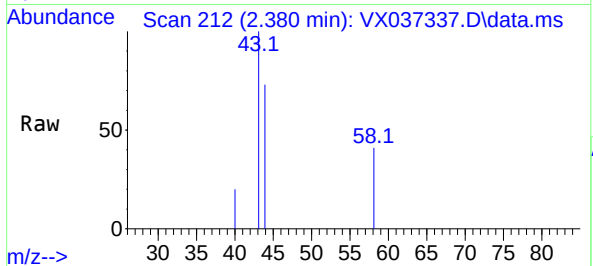




#16
Acetone
Concen: 0.751 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

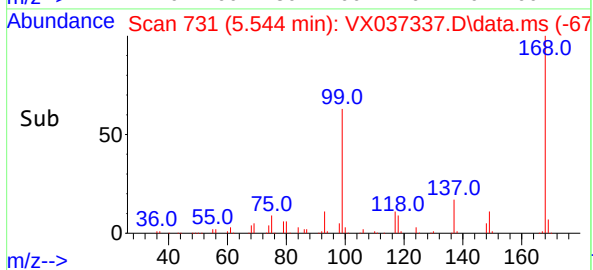
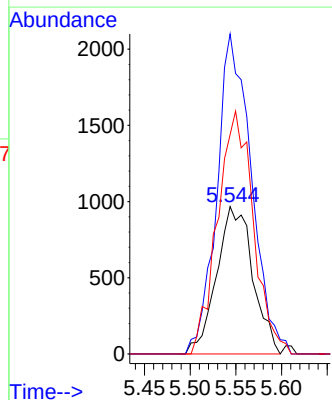
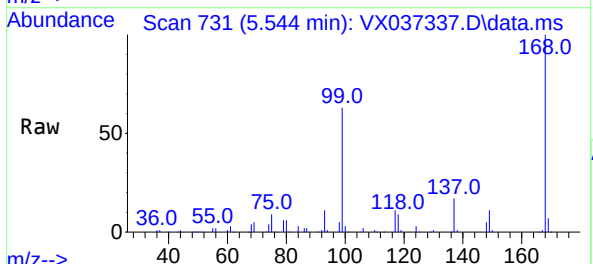
Instrument :
MSVOA_X
ClientSampleId :
TB06-20230822

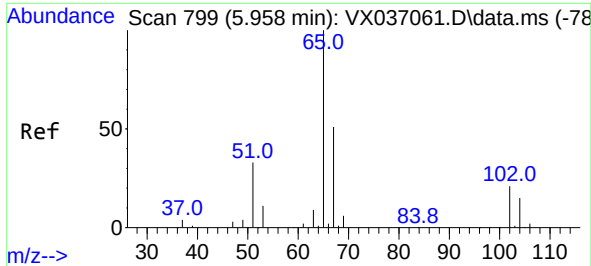
Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 41.4 21.9 32.9#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

Tgt Ion: 56 Resp: 2670
Ion Ratio Lower Upper
56 100
69 217.2 23.4 35.2#
84 148.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.084 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037337.D

Acq: 29 Aug 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

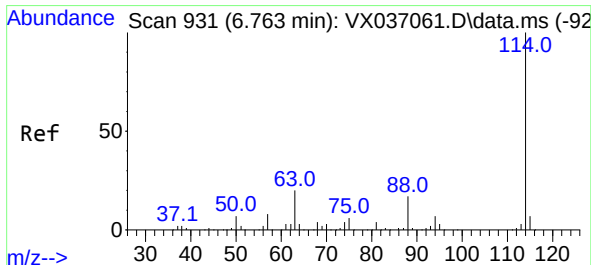
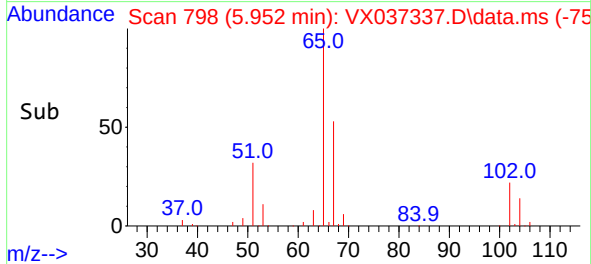
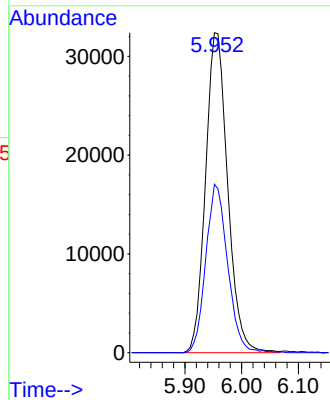
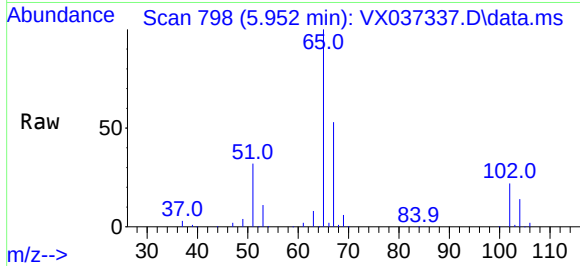
TB06-20230822

Tgt Ion: 65 Resp: 87813

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: VX037337.D

Acq: 29 Aug 2023 13:14

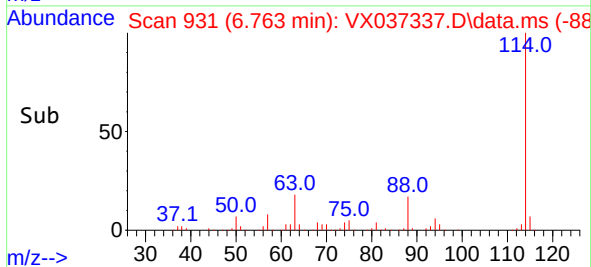
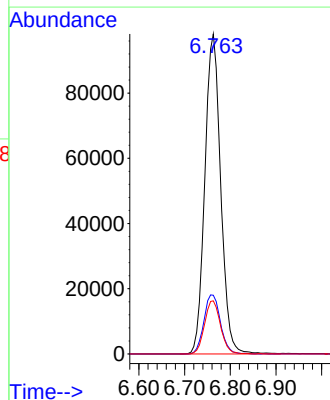
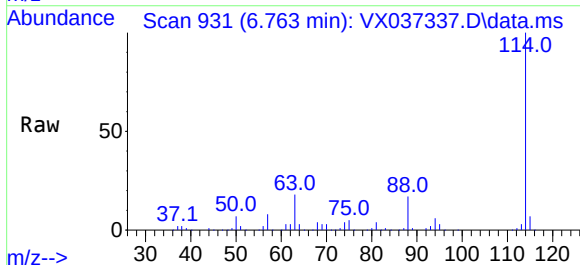
Tgt Ion: 114 Resp: 236327

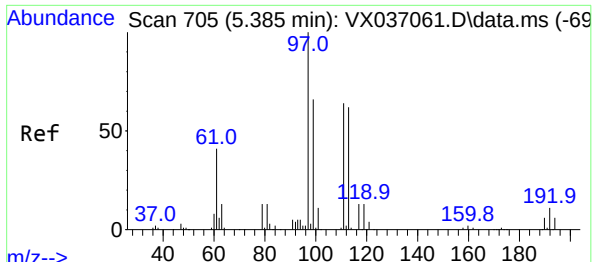
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

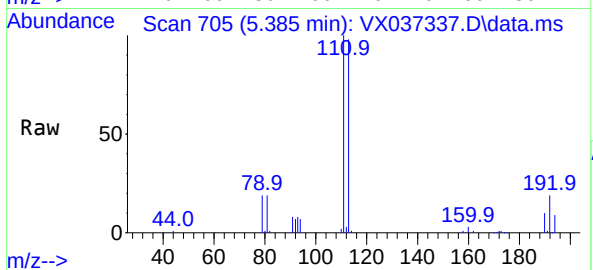
88 16.6 0.0 36.6



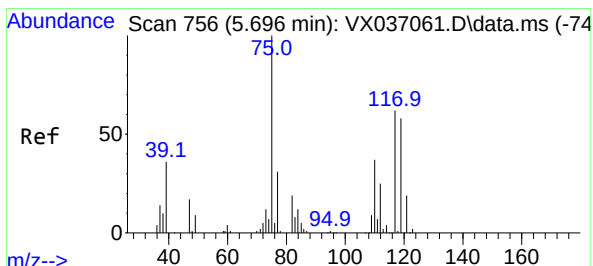
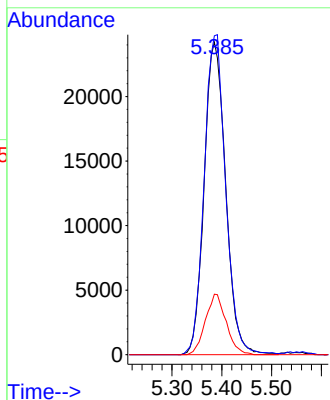
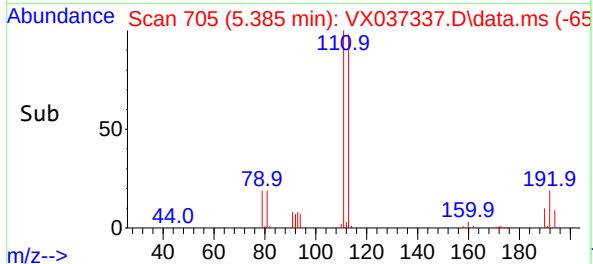


#35
Dibromofluoromethane
Concen: 46.292 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

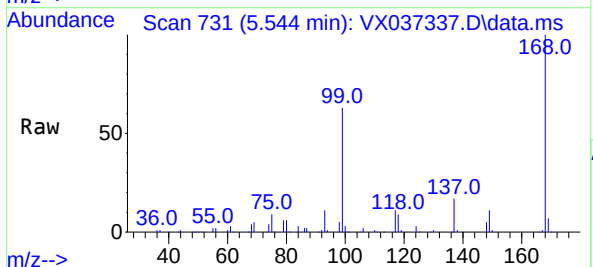
Instrument :
MSVOA_X
ClientSampleId :
TB06-20230822



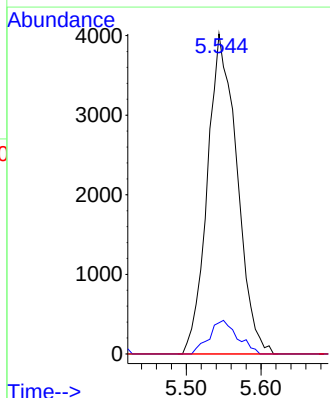
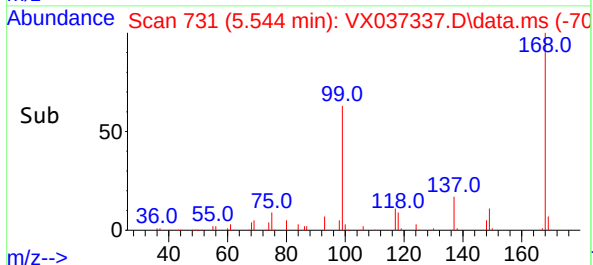
Tgt Ion:113 Resp: 72454
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.7 13.3 19.9

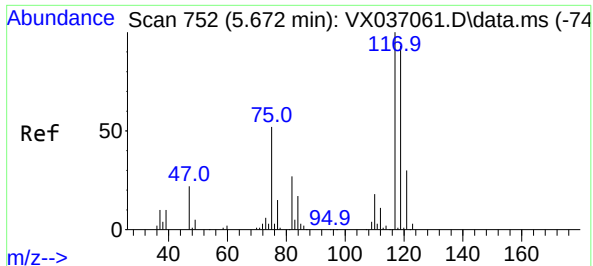


#36
1,1-Dichloropropene
Concen: 4.983 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14



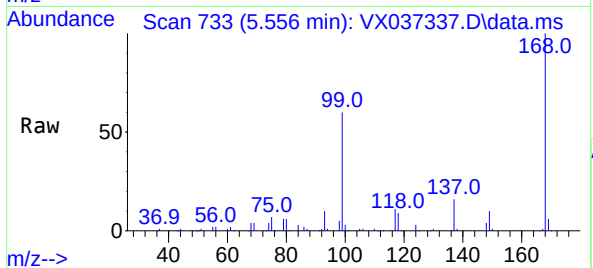
Tgt Ion: 75 Resp: 11081
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



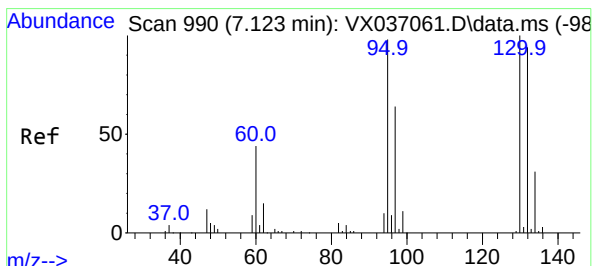
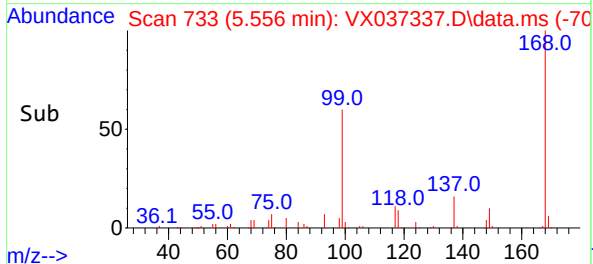
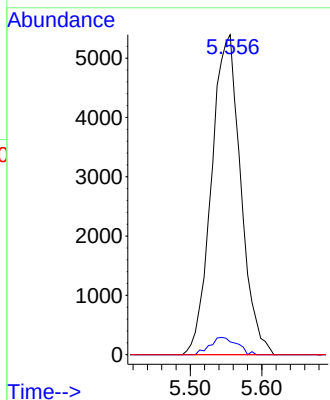


#38
Carbon Tetrachloride
Concen: 6.336 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
TB06-20230822

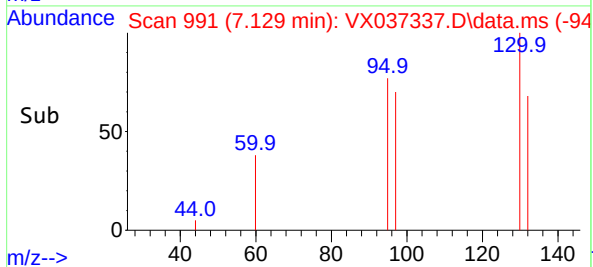
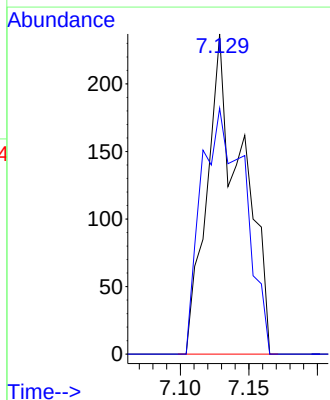
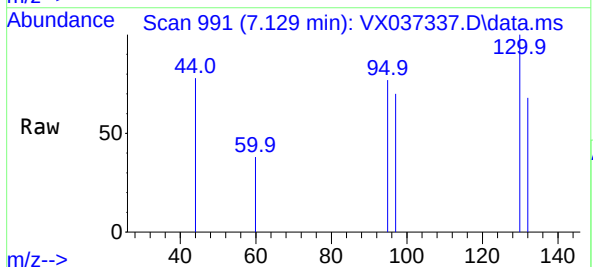


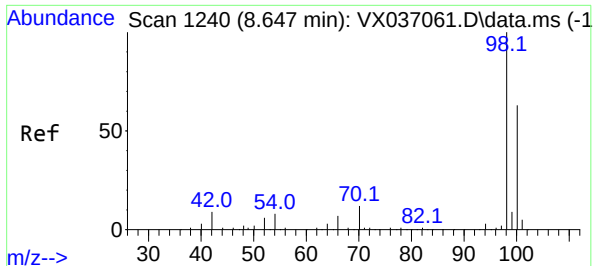
Tgt Ion:117 Resp: 15305
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.236 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

Tgt Ion:130 Resp: 426
Ion Ratio Lower Upper
130 100
95 76.8 0.0 204.4

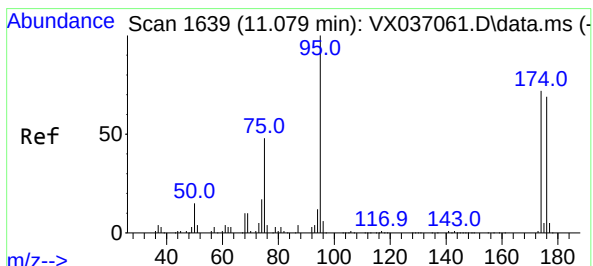
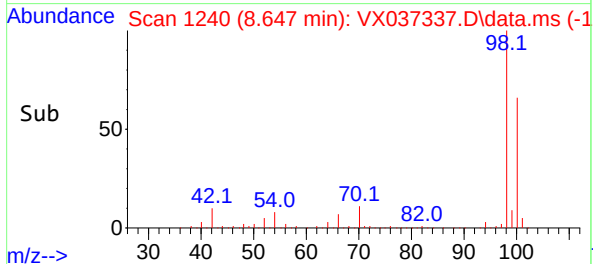
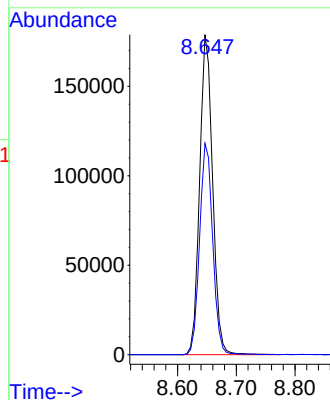
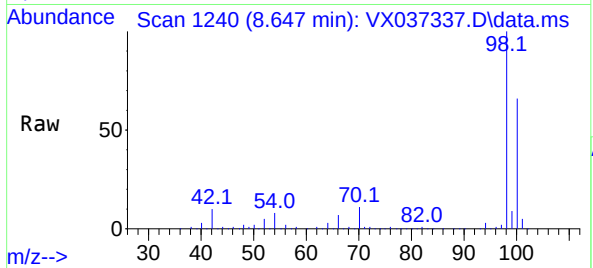




#50
Toluene-d8
Concen: 48.328 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

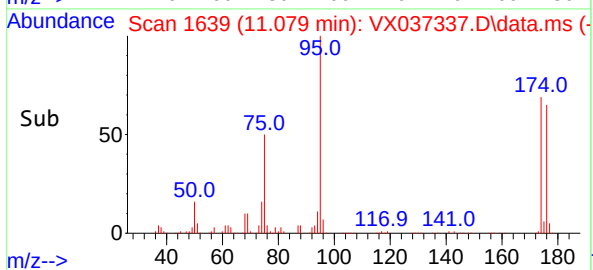
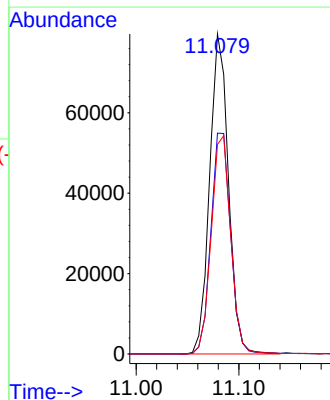
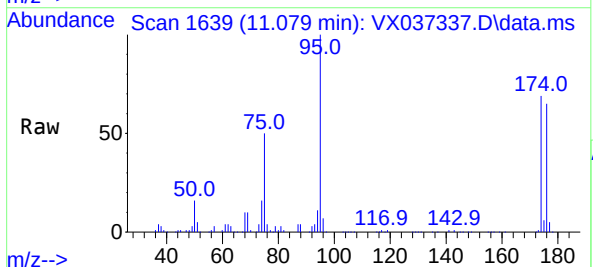
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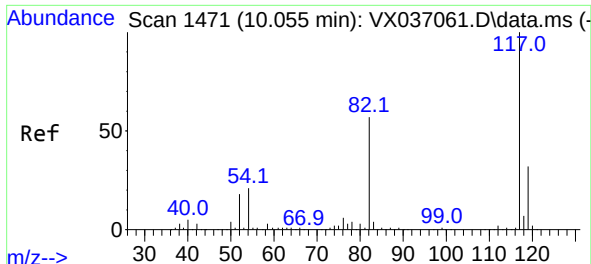
Tgt Ion: 98 Resp: 274376
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

Tgt Ion: 95 Resp: 101167
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.8 0.0 131.0

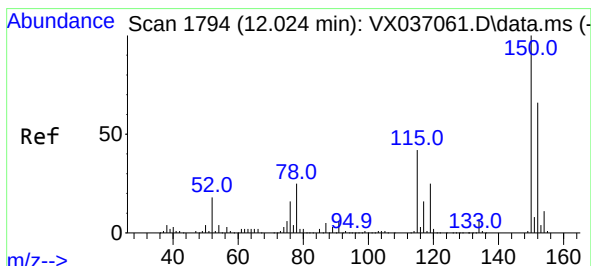
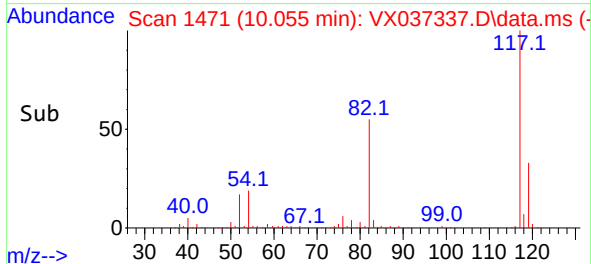
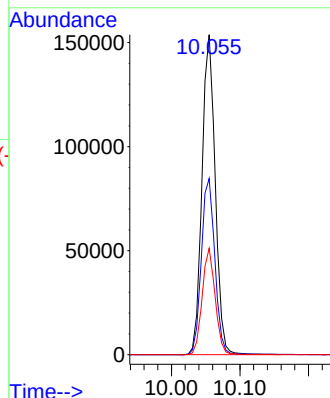
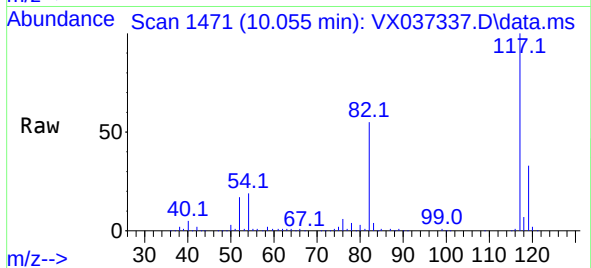




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

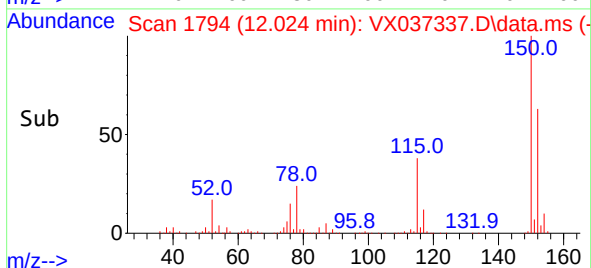
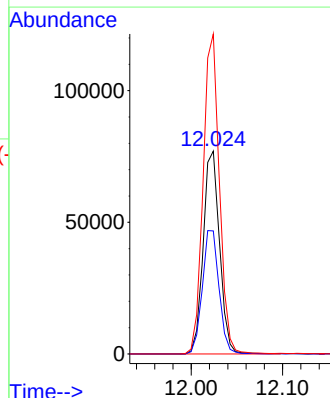
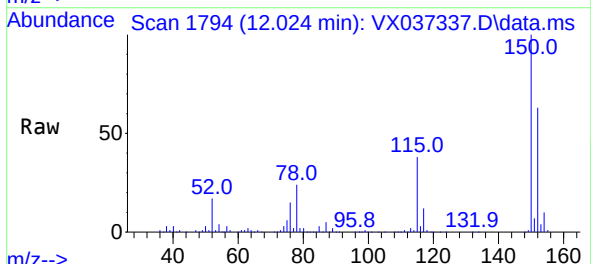
Instrument :
MSVOA_X
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TB06-20230822

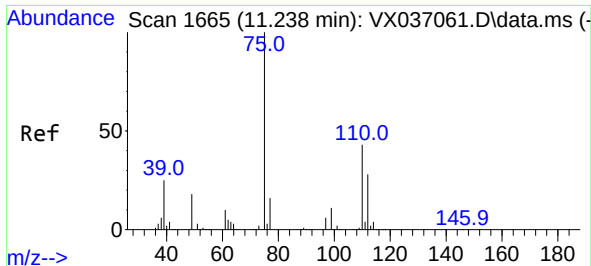
Tgt Ion:117 Resp: 207130
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 33.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

Tgt Ion:152 Resp: 95748
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 156.7 0.0 345.0

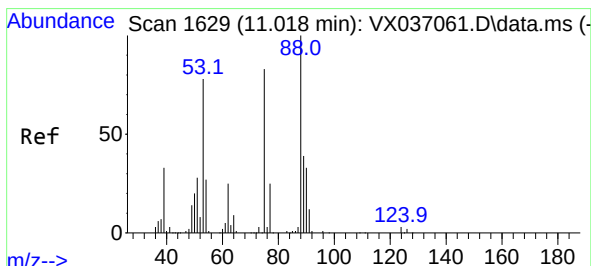
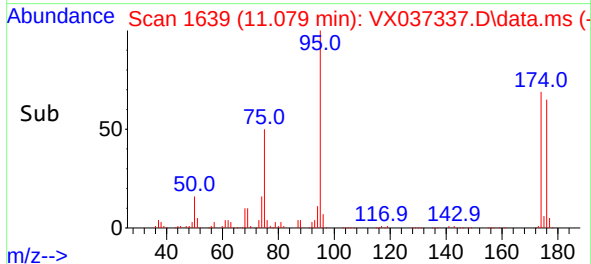
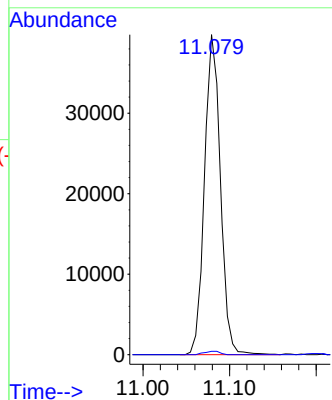
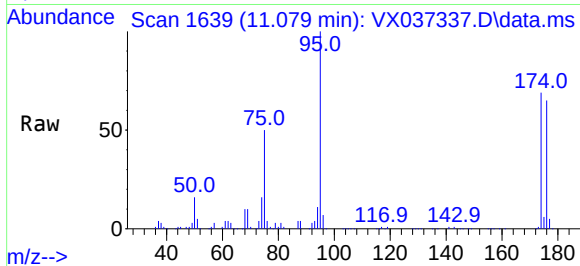




#76
1,2,3-Trichloropropane
Concen: 24.886 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

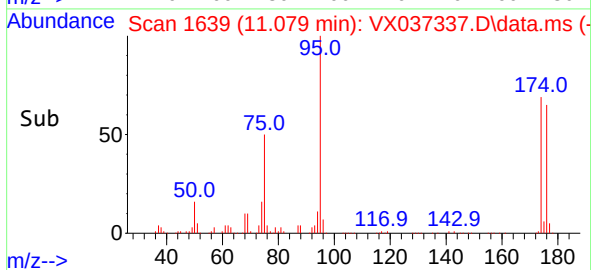
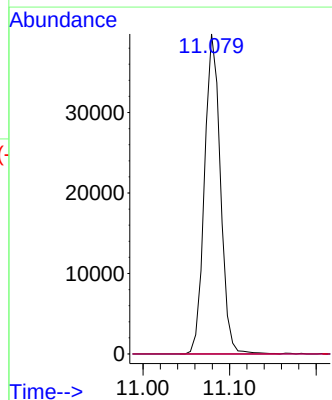
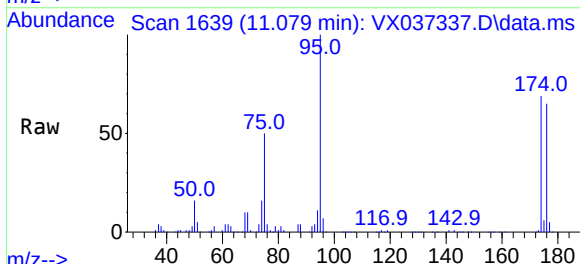
Instrument :
MSVOA_X
ClientSampleId :
TB06-20230822

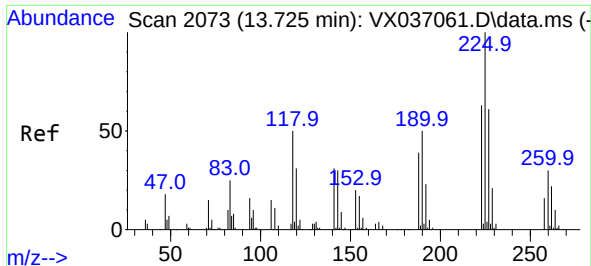
Tgt Ion: 75 Resp: 50746
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037337.D
Acq: 29 Aug 2023 13:14

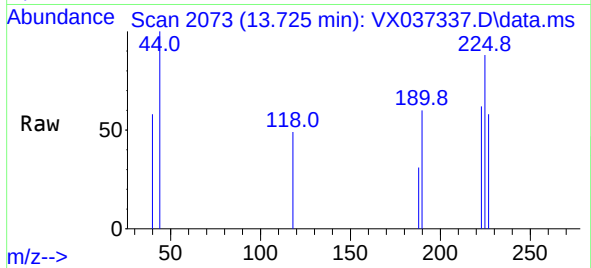
Tgt Ion: 75 Resp: 50746
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.248 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX037337.D
 Acq: 29 Aug 2023 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20230822



Tgt Ion:	225	Resp:	175
Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.2
227	63.4	32.5	97.5

