

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037295.D
 Acq On : 28 Aug 2023 15:23
 Operator : JC/MD
 Sample : 04126-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20230819

Quant Time: Aug 29 00:59:17 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)

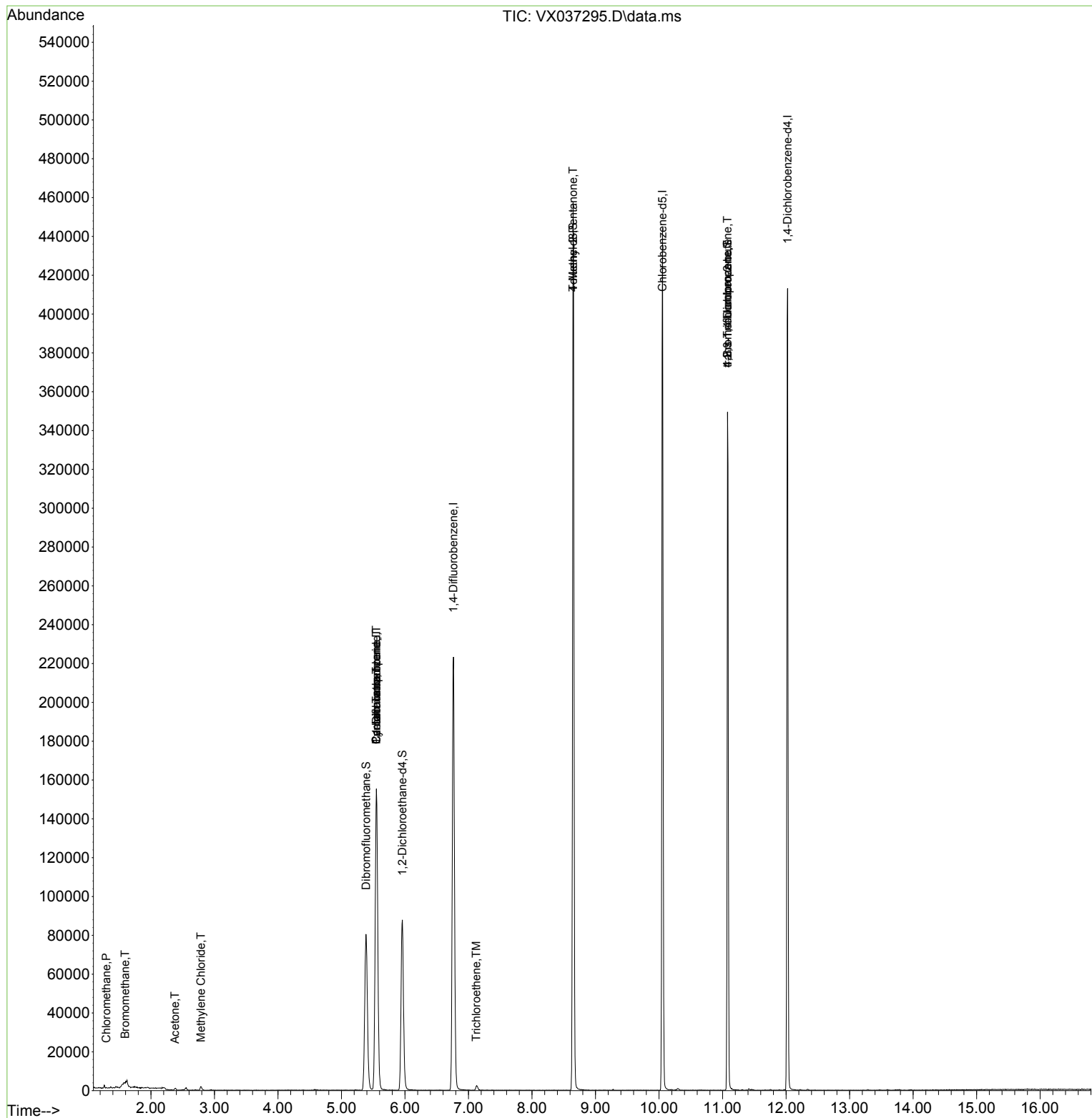
Internal Standards						
1) Pentafluorobenzene	5.550	168	145209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89595	42.798	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.600%
35) Dibromofluoromethane	5.385	113	72753	46.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.600%
50) Toluene-d8	8.647	98	276136	48.449	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.079	95	96836	43.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	345	0.234	ug/l #	43
5) Bromomethane	1.593	94	234	0.292	ug/l #	3
16) Acetone	2.380	43	995	1.215	ug/l	92
20) Methylene Chloride	2.788	84	1058	0.578	ug/l	89
31) Cyclohexane	5.550	56	2921	1.241	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11480	5.143	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15127	6.238	ug/l #	15
44) Trichloroethene	7.123	130	1133	0.624	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	927	0.422	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48254	26.160	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	48254	73.067	ug/l #	5

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

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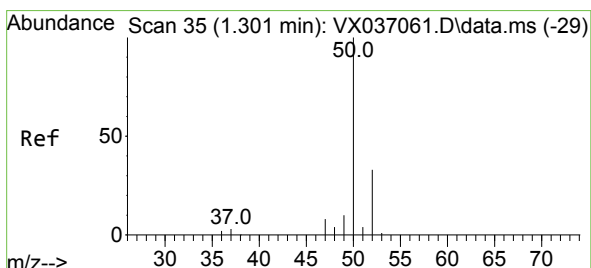
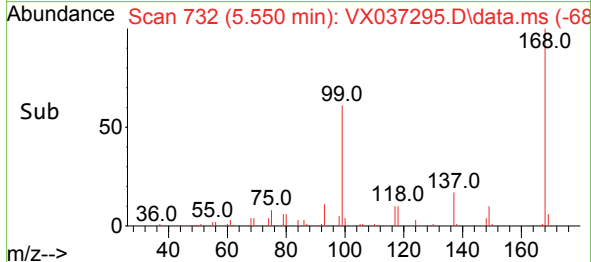
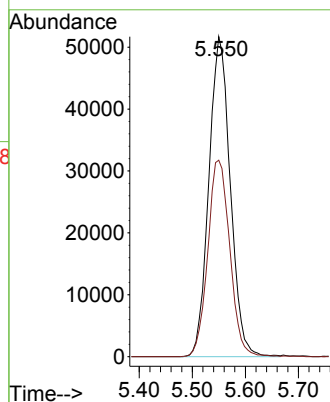
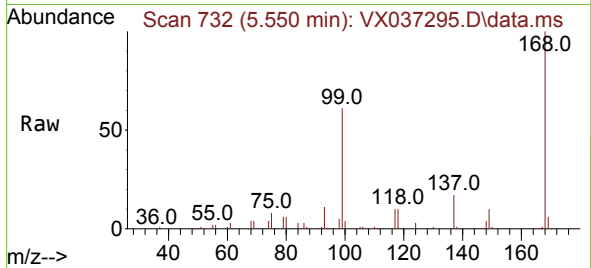




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

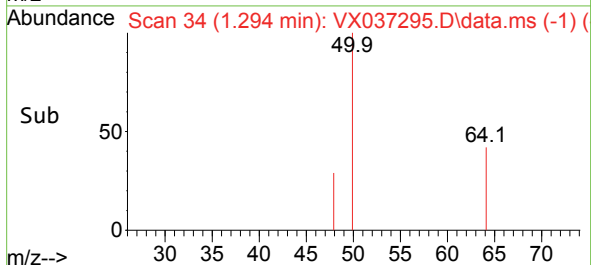
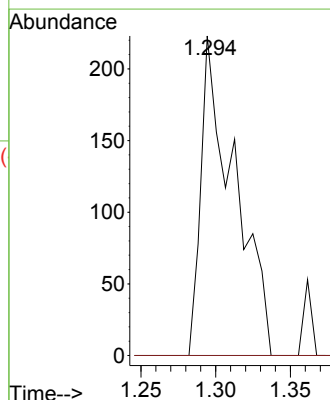
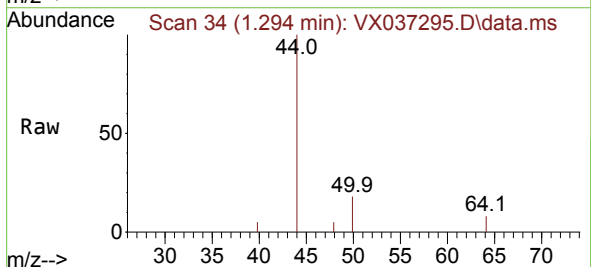
Instrument :
MSVOA_X
ClientSampleId :
TB05-20230819

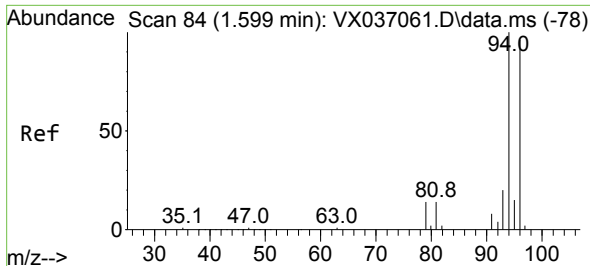
Tgt Ion:168 Resp: 145209
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

Tgt Ion: 50 Resp: 345
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

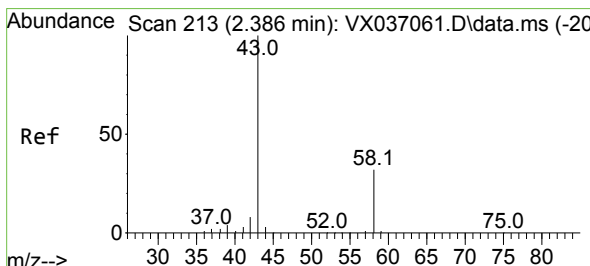
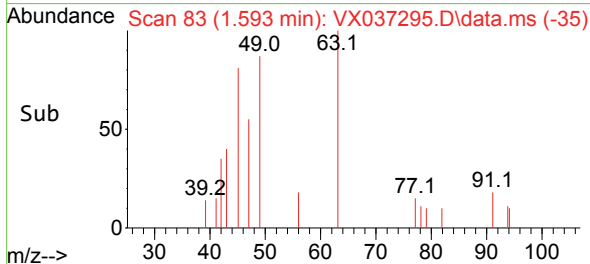
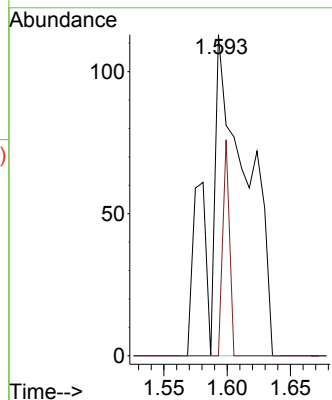
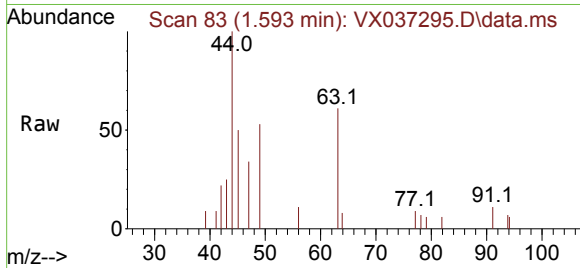




#5
Bromomethane
Concen: 0.292 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

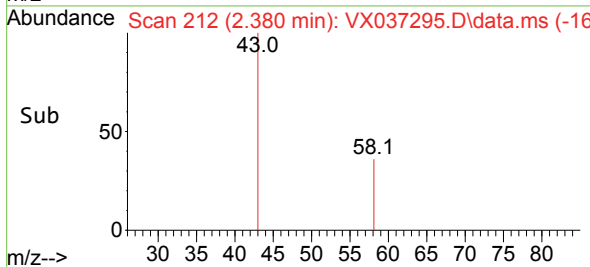
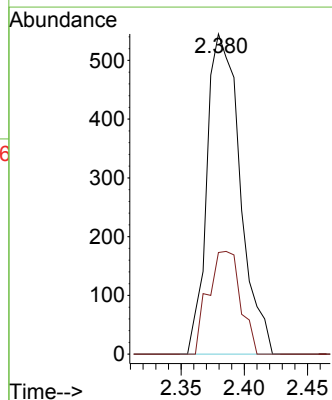
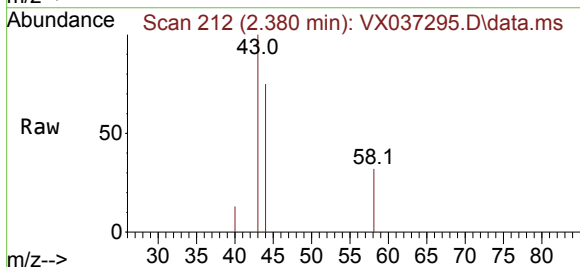
Instrument :
MSVOA_X
ClientSampleId :
TB05-20230819

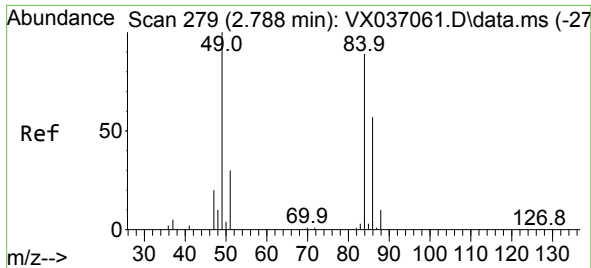
Tgt Ion: 94 Resp: 234
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#16
Acetone
Concen: 1.215 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9

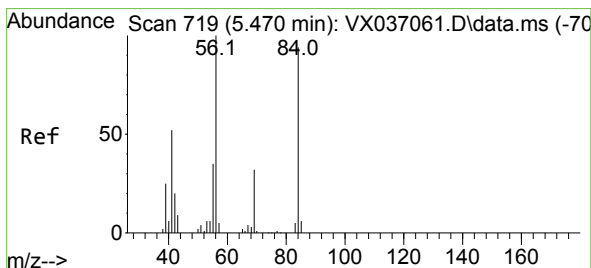
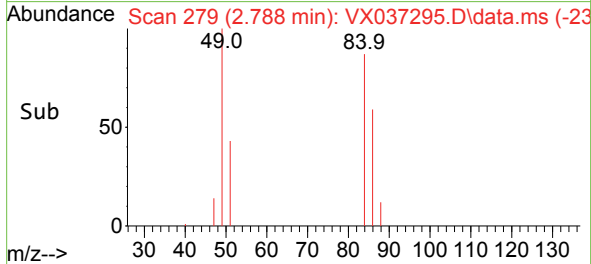
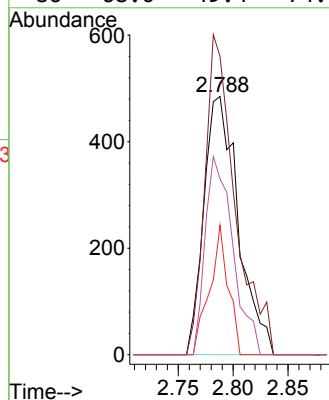
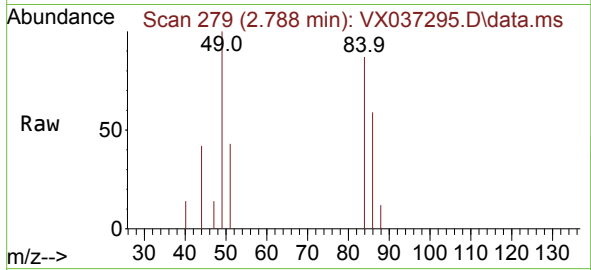




#20
Methylene Chloride
Concen: 0.578 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

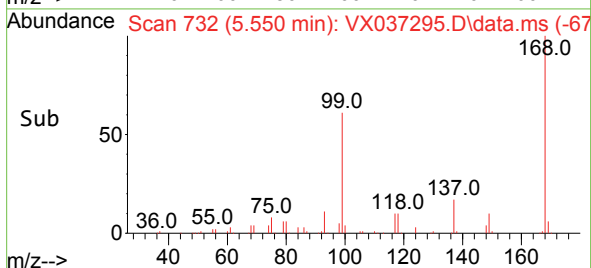
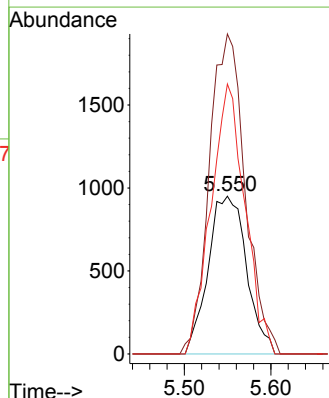
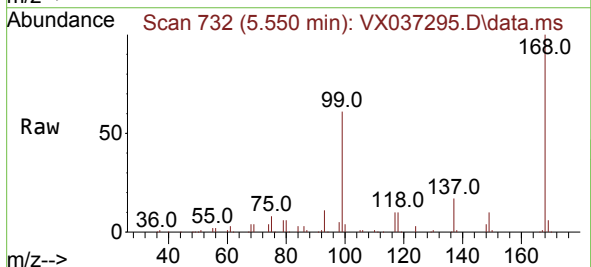
Instrument :
MSVOA_X
ClientSampleId :
TB05-20230819

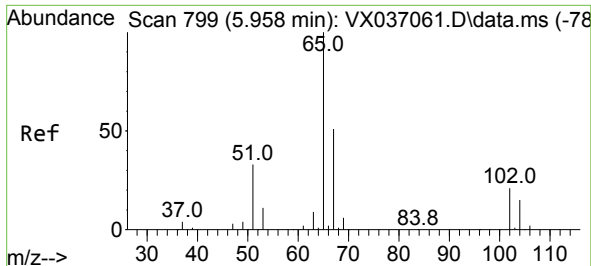
Tgt Ion: 84	Resp: 1058
Ion Ratio	Lower Upper
84 100	
49 115.5	103.6 155.4
51 50.1	33.8 50.6
86 68.0	49.4 74.0



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

Tgt Ion: 56	Resp: 2921
Ion Ratio	Lower Upper
56 100	
69 202.9	23.4 35.2#
84 171.2	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.798 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037295.D

Acq: 28 Aug 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

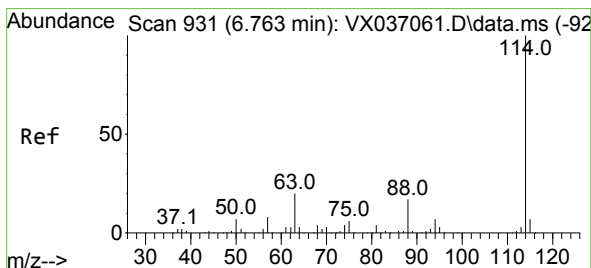
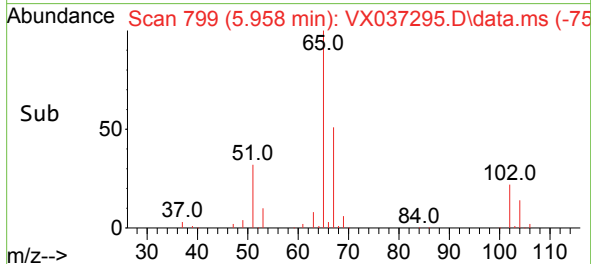
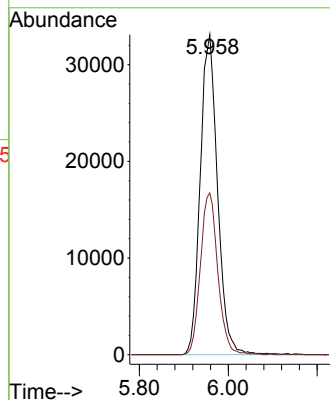
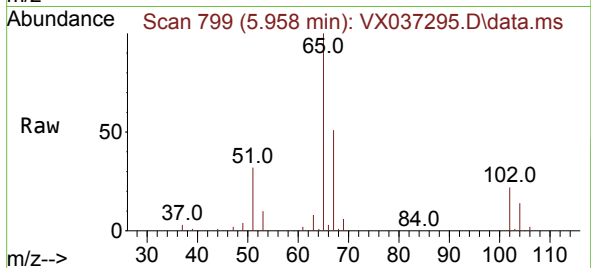
TB05-20230819

Tgt Ion: 65 Resp: 89595

Ion Ratio Lower Upper

65 100

67 50.9 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: VX037295.D

Acq: 28 Aug 2023 15:23

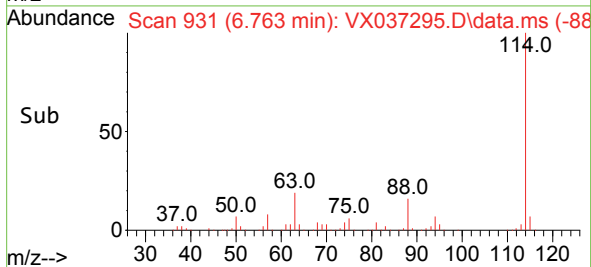
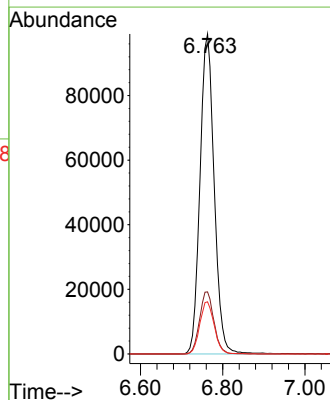
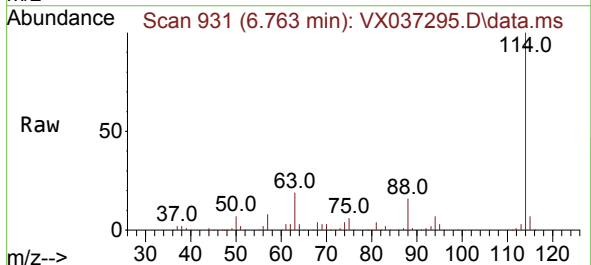
Tgt Ion: 114 Resp: 237250

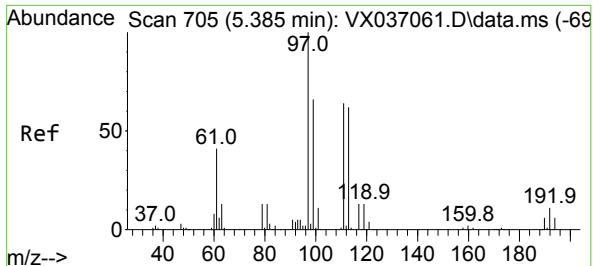
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 16.3 0.0 36.6

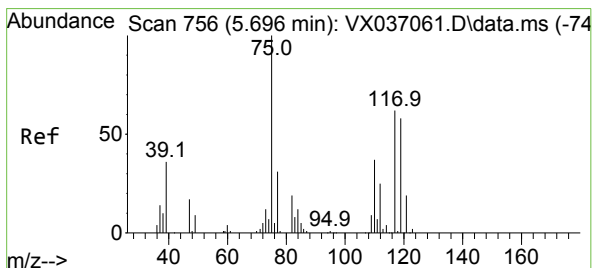
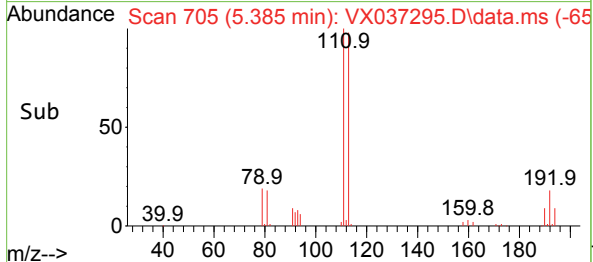
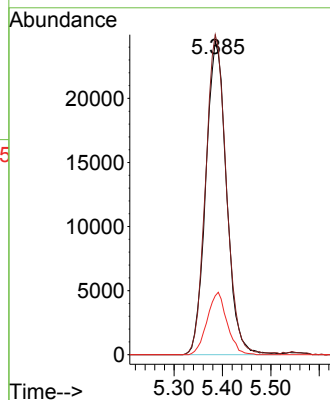
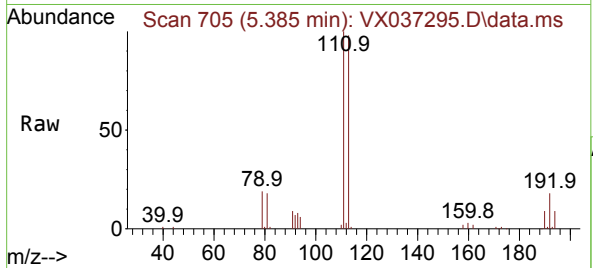




#35
Dibromofluoromethane
Concen: 46.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

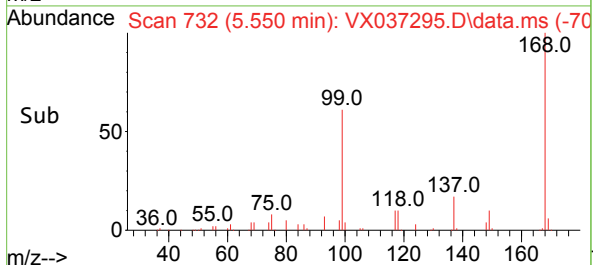
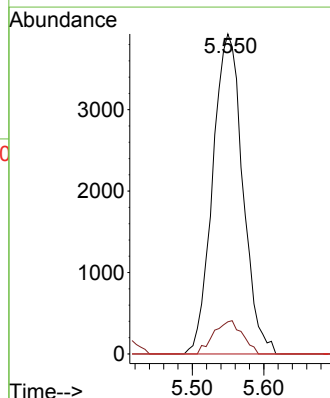
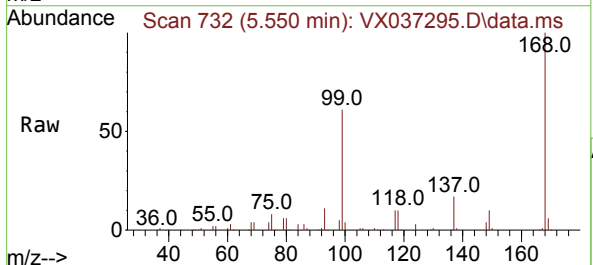
Instrument :
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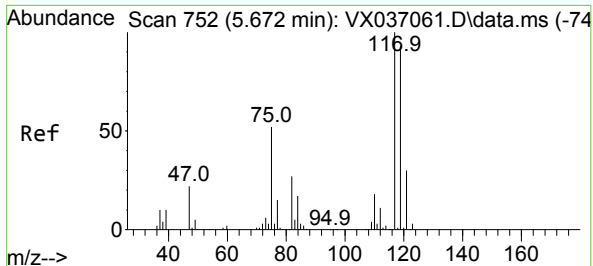
Tgt Ion:	113	Resp:	72753
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	19.1	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.143 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

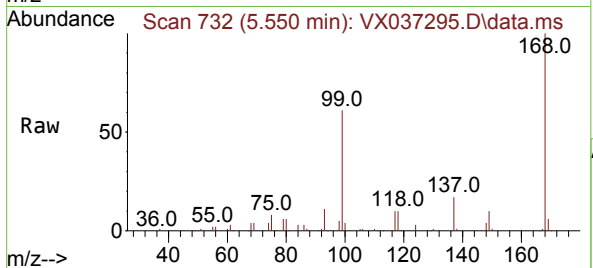
Tgt Ion:	75	Resp:	11480
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.0	50.9#
77	0.0	24.7	37.1#



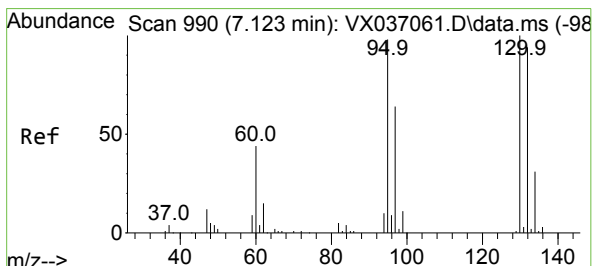
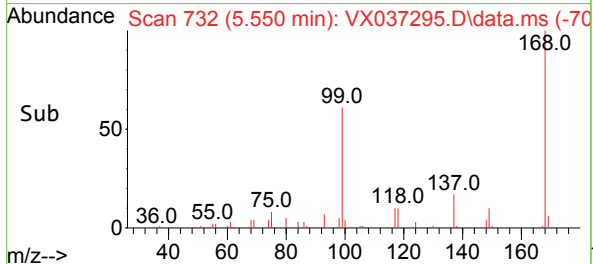
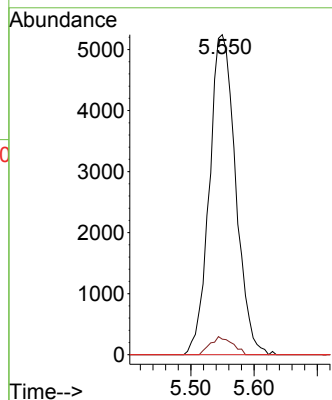


#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
TB05-20230819

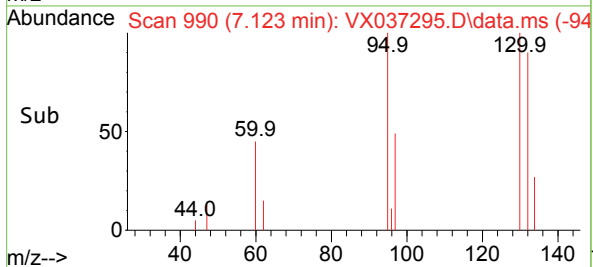
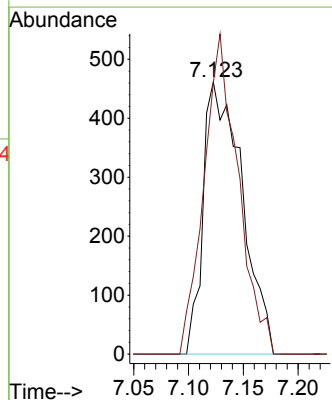
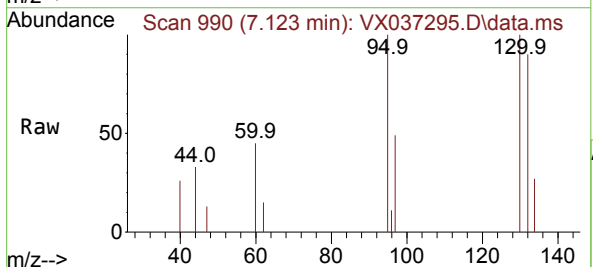


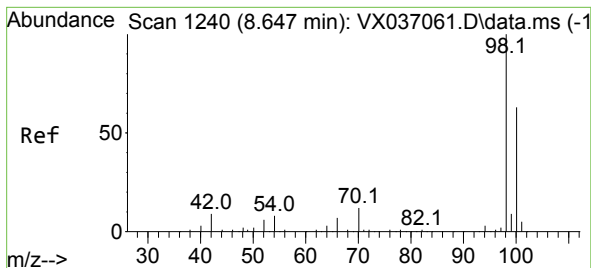
Tgt Ion:117 Resp: 15127
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.624 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

Tgt Ion:130 Resp: 1133
Ion Ratio Lower Upper
130 100
95 99.6 0.0 204.4





#50

Toluene-d8

Concen: 48.449 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037295.D

Acq: 28 Aug 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

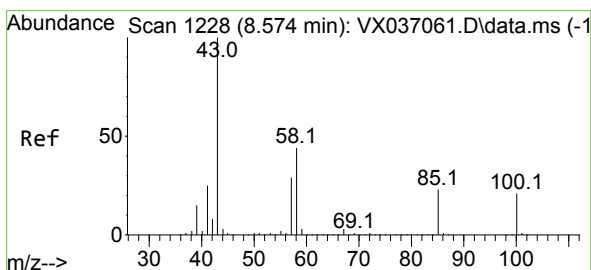
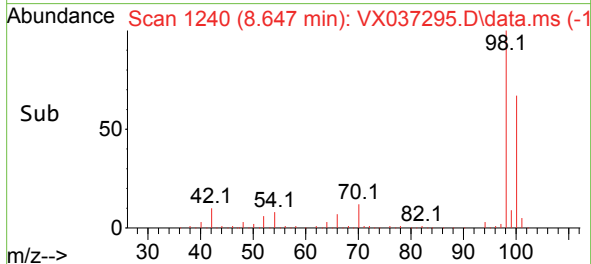
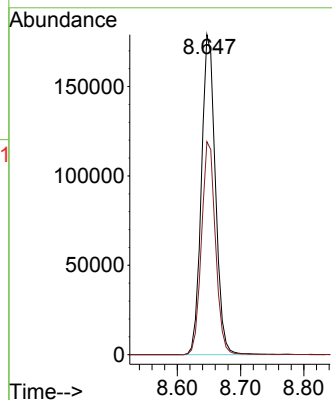
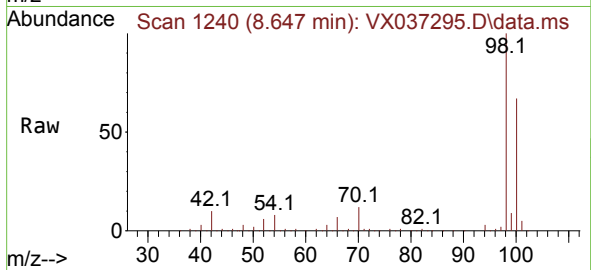
TB05-20230819

Tgt Ion: 98 Resp: 276136

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.422 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX037295.D

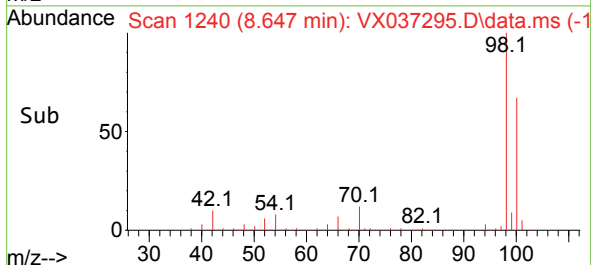
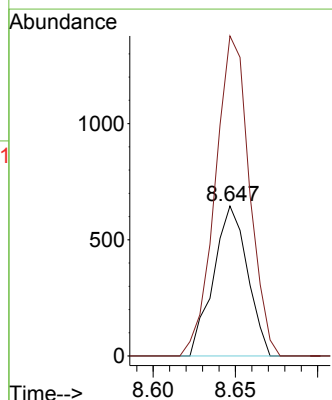
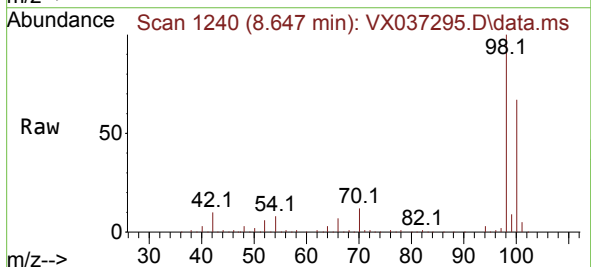
Acq: 28 Aug 2023 15:23

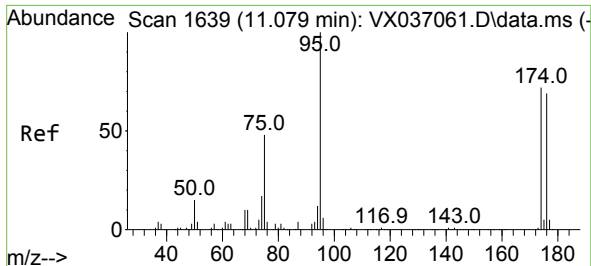
Tgt Ion: 43 Resp: 927

Ion Ratio Lower Upper

43 100

58 214.7 30.4 45.6#

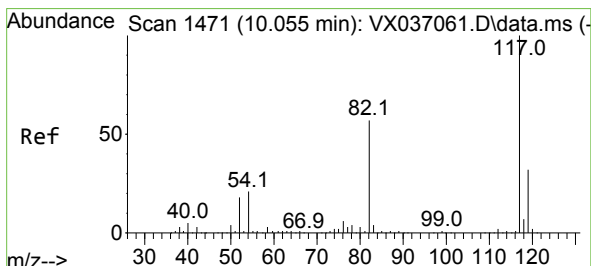
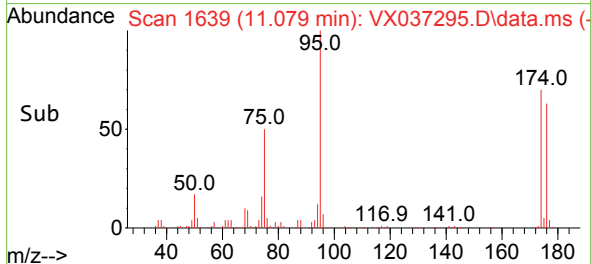
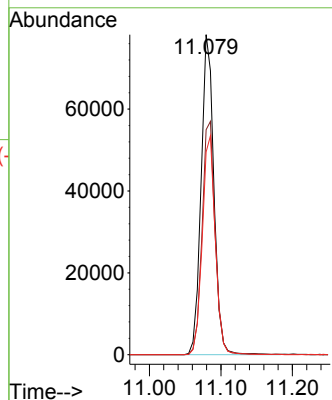
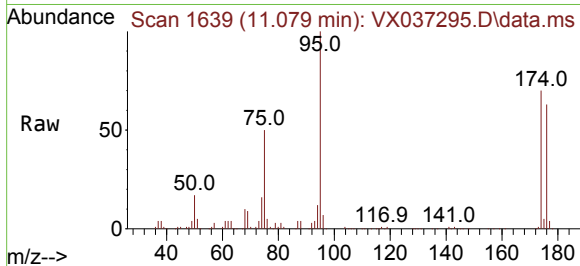




#62
4-Bromofluorobenzene
Concen: 43.234 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

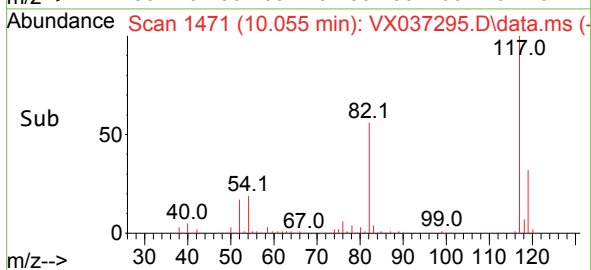
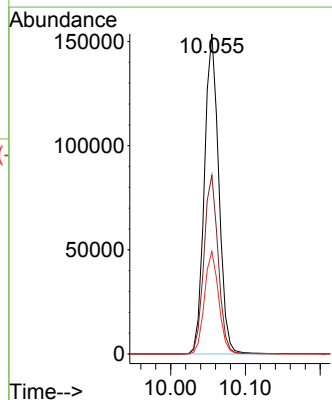
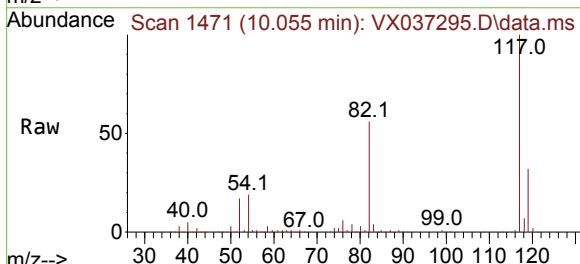
Instrument :
MSVOA_X
ClientSampleId :
TB05-20230819

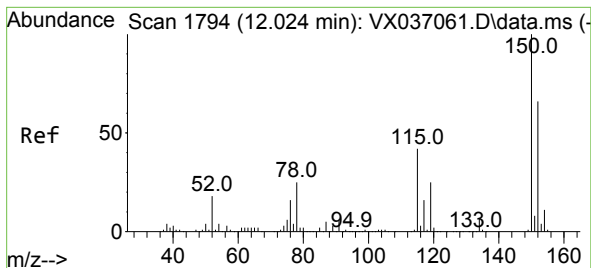
Tgt Ion: 95 Resp: 96836
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 69.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037295.D
Acq: 28 Aug 2023 15:23

Tgt Ion: 117 Resp: 205125
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037295.D

Acq: 28 Aug 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

TB05-20230819

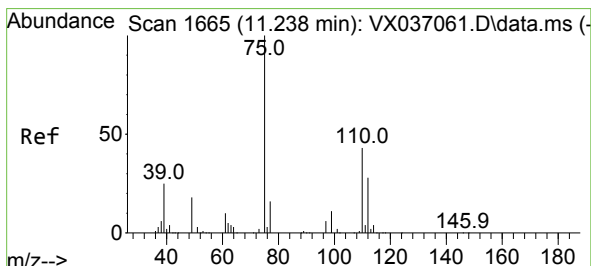
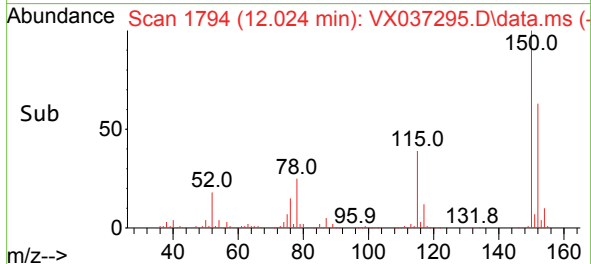
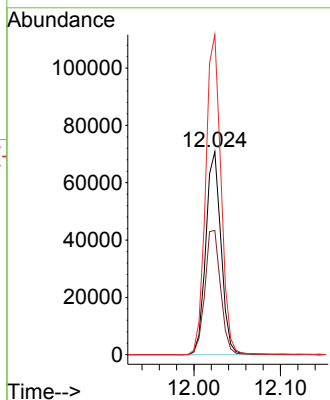
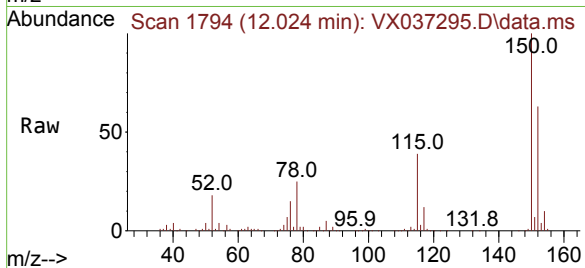
Tgt Ion:152 Resp: 86612

Ion Ratio Lower Upper

152 100

115 63.4 43.3 129.9

150 159.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.160 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037295.D

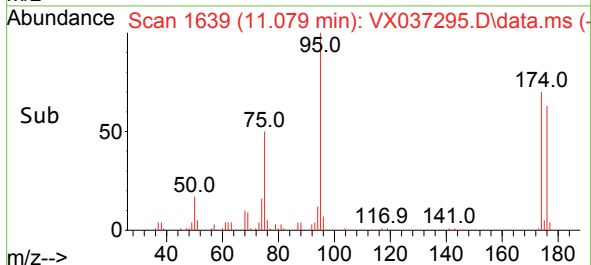
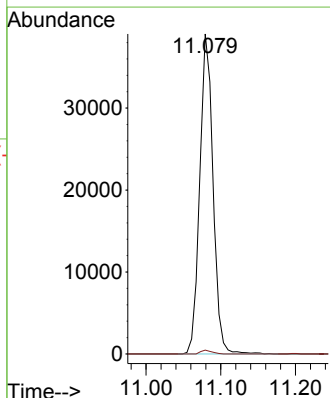
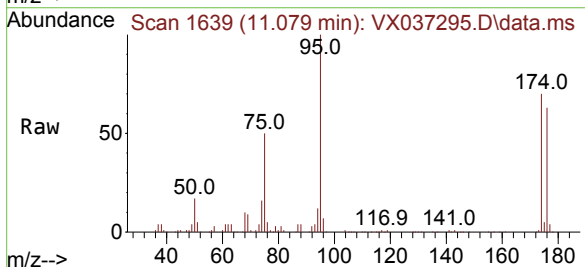
Acq: 28 Aug 2023 15:23

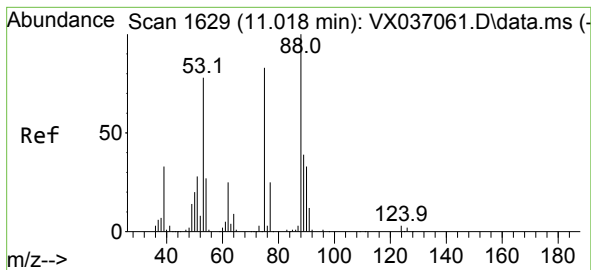
Tgt Ion: 75 Resp: 48254

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.067 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037295.D
 Acq: 28 Aug 2023 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20230819

Tgt Ion: 75 Resp: 48254
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

