

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037563.D
 Acq On : 06 Sep 2023 18:42
 Operator : JC/MD
 Sample : 04287-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-02-133-090123-3V

Quant Time: Sep 06 22:48:22 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)

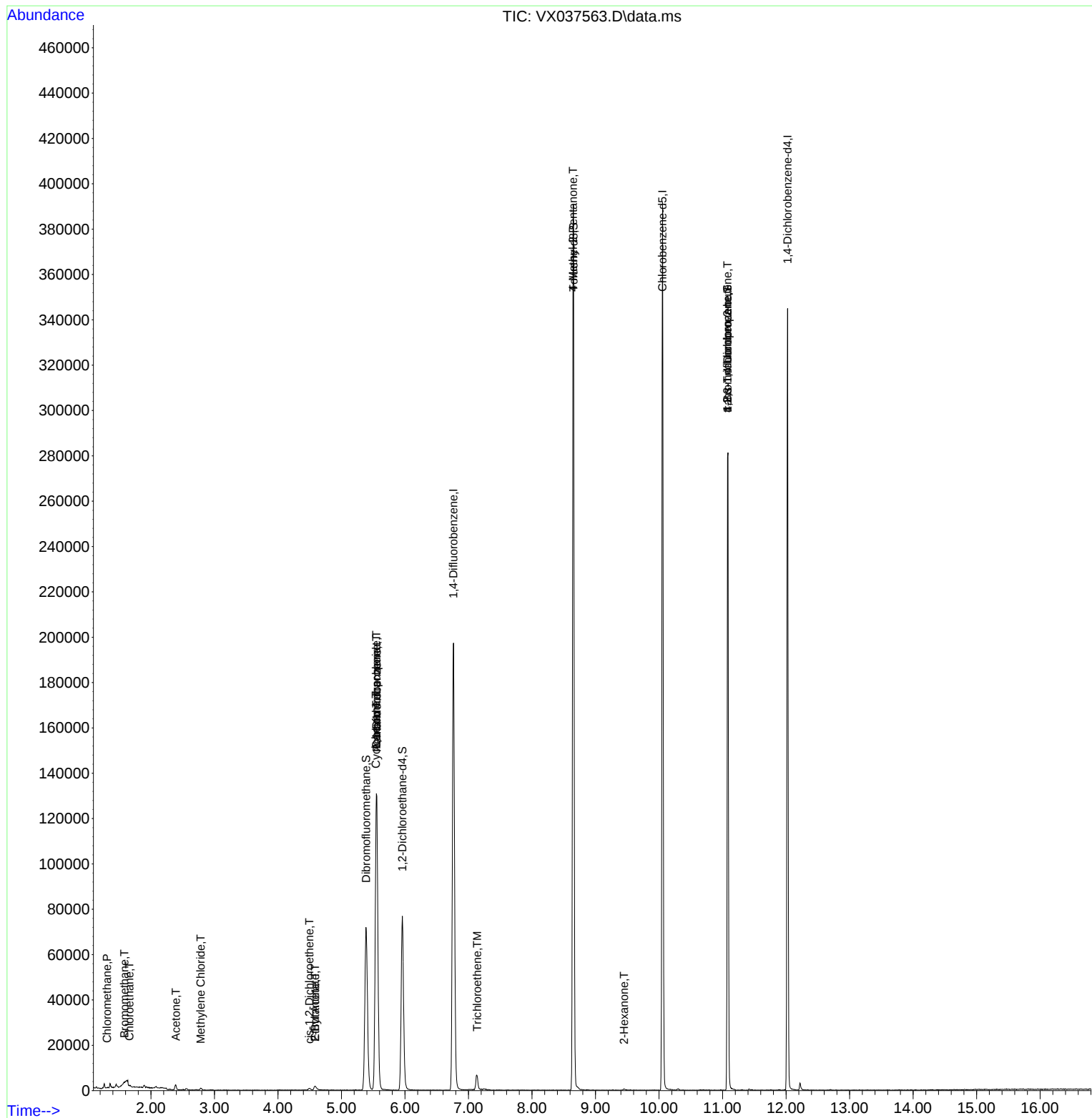
Internal Standards						
1) Pentafluorobenzene	5.556	168	128936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73980	39.799	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.600%
35) Dibromofluoromethane	5.385	113	65236	46.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.400%
50) Toluene-d8	8.653	98	247097	48.244	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.079	95	84421	41.942	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	289	0.221	ug/l #	43
5) Bromomethane	1.581	94	149	0.210	ug/l #	3
6) Chloroethane	1.660	64	188	0.224	ug/l #	43
16) Acetone	2.392	43	2652	3.647	ug/l	96
20) Methylene Chloride	2.782	84	510	0.314	ug/l #	73
25) 2-Butanone	4.586	43	4070	3.717	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	600	0.337	ug/l	80
31) Cyclohexane	5.543	56	2389	1.143	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9311	4.641	ug/l #	51
37) Ethyl Acetate	4.586	43	4070	1.986	ug/l #	69
38) Carbon Tetrachloride	5.550	117	13292	6.100	ug/l #	15
44) Trichloroethene	7.135	130	3072	1.883	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	847	0.429	ug/l #	1
59) 2-Hexanone	9.451	43	701	0.465	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	40288	25.444	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	40288	71.067	ug/l #	5

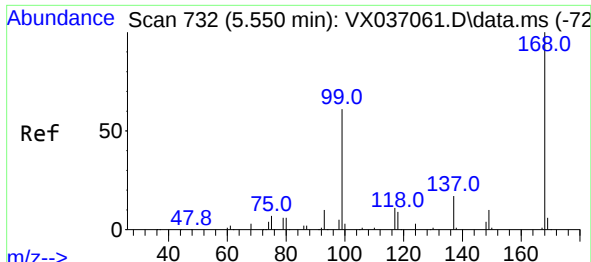
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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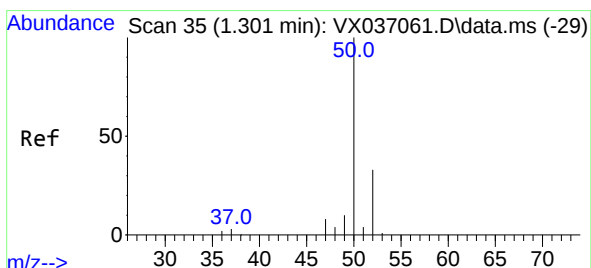
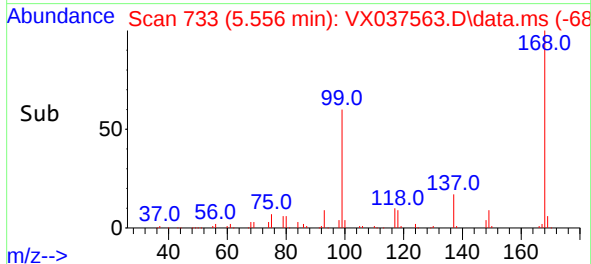
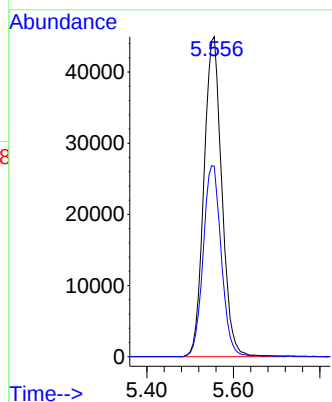
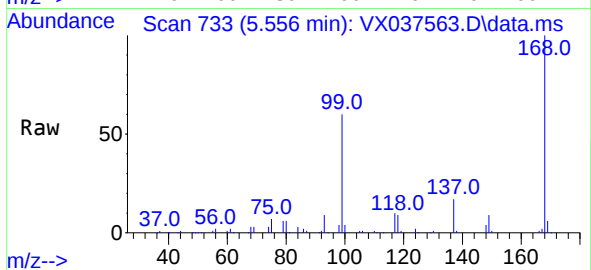




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

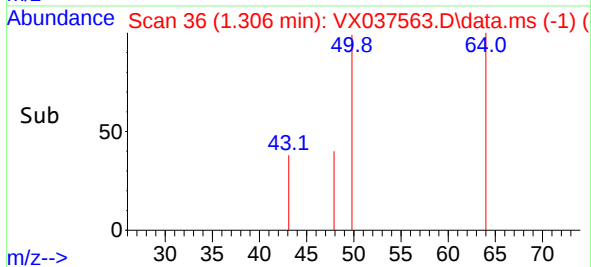
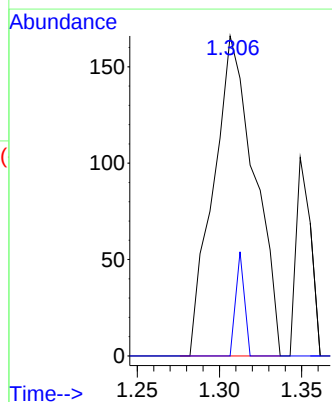
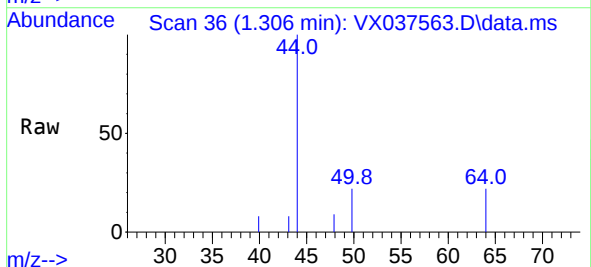
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-090123-3V

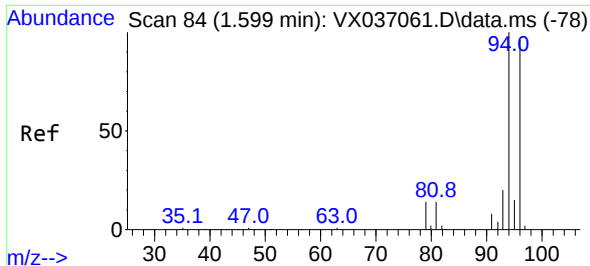
Tgt Ion:168 Resp: 128936
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.306 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

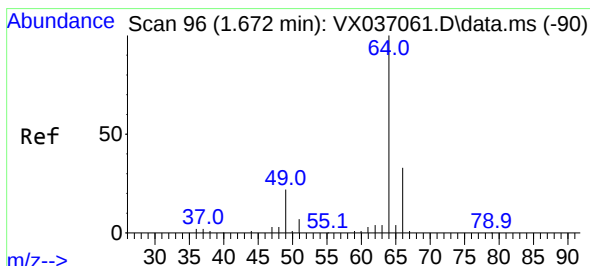
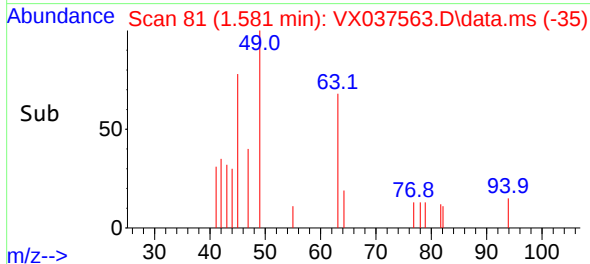
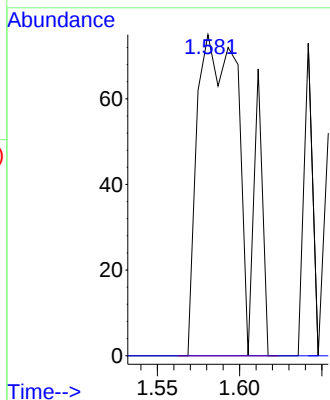
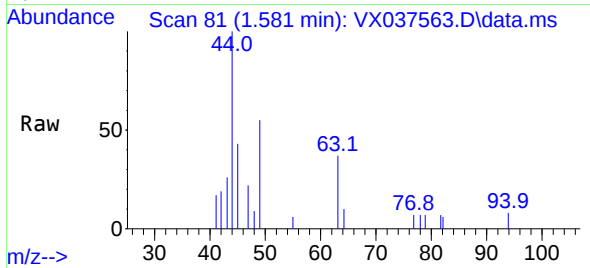




#5
Bromomethane
Concen: 0.210 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

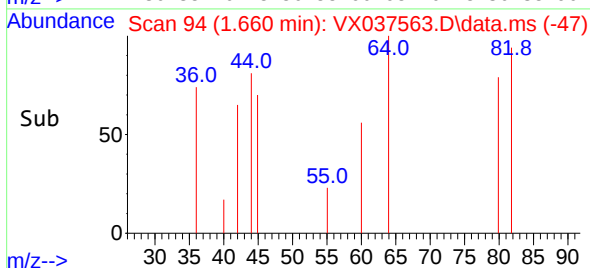
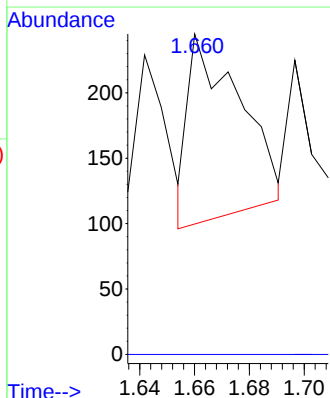
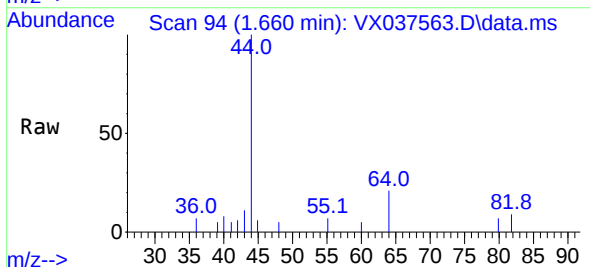
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-090123-3V

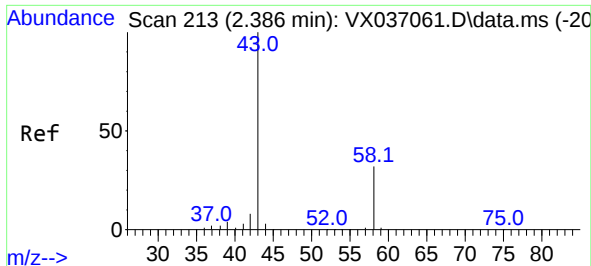
Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: 0.224 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.012 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Tgt Ion: 64 Resp: 188
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

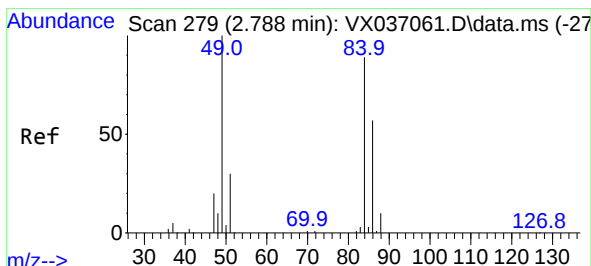
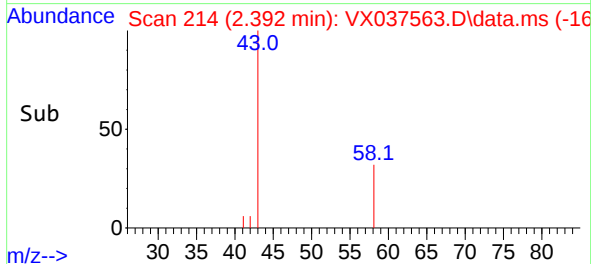
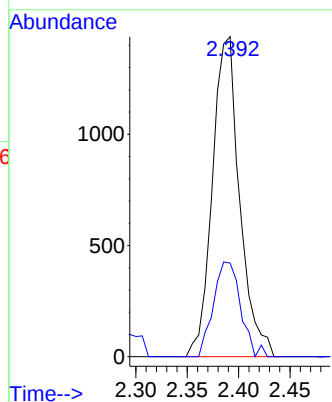
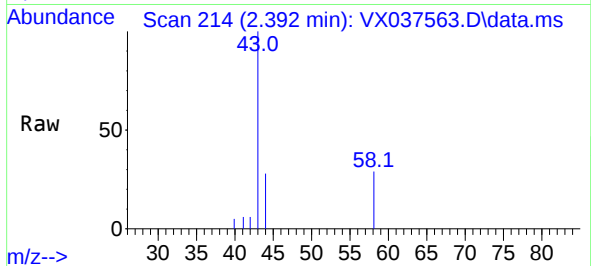




#16
Acetone
Concen: 3.647 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

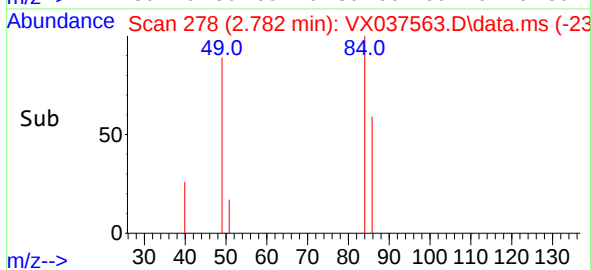
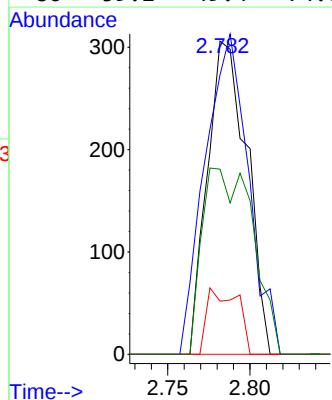
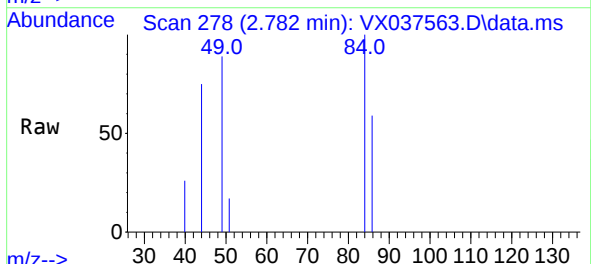
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-090123-3V

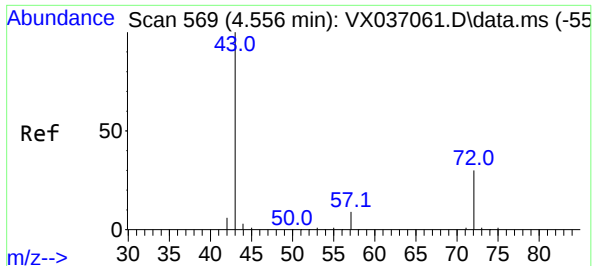
Tgt Ion: 43 Resp: 2652
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9



#20
Methylene Chloride
Concen: 0.314 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Tgt Ion: 84 Resp: 510
Ion Ratio Lower Upper
84 100
49 89.2 103.6 155.4#
51 17.0 33.8 50.6#
86 59.2 49.4 74.0





#25

2-Butanone

Concen: 3.717 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX037563.D

Acq: 06 Sep 2023 18:42

Instrument :

MSVOA_X

ClientSampleId :

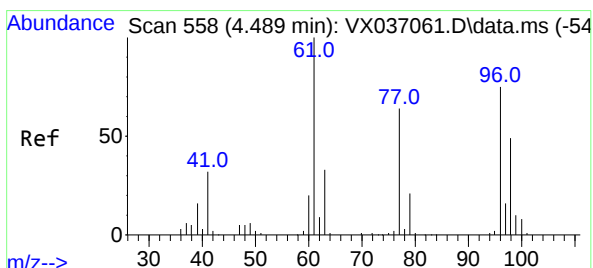
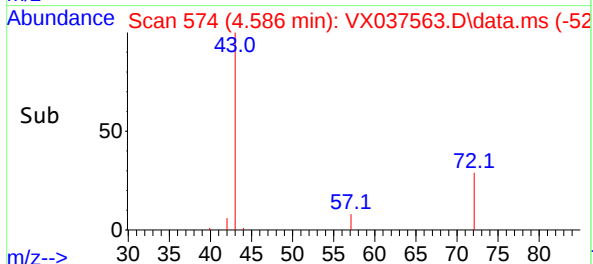
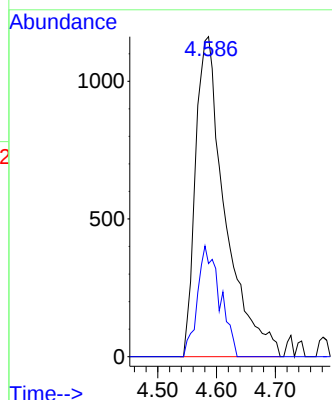
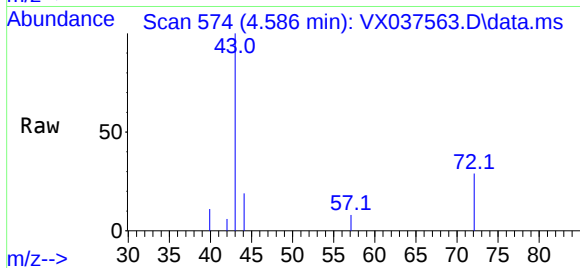
BR-02-133-090123-3V

Tgt Ion: 43 Resp: 4070

Ion Ratio Lower Upper

43 100

72 29.1 19.4 29.2



#27

cis-1,2-Dichloroethene

Concen: 0.337 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX037563.D

Acq: 06 Sep 2023 18:42

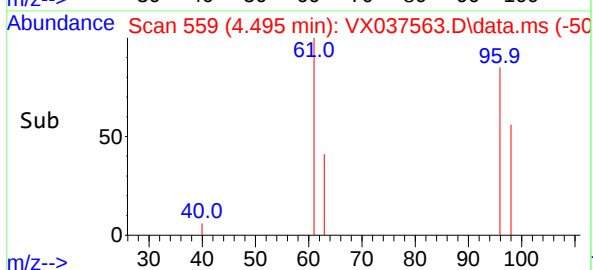
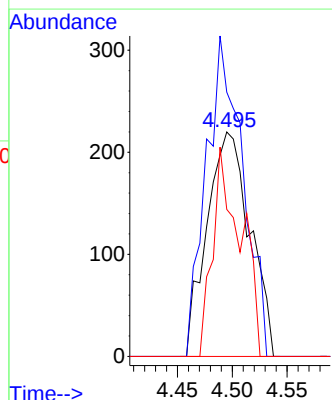
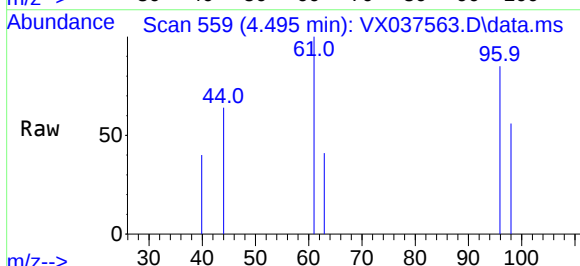
Tgt Ion: 96 Resp: 600

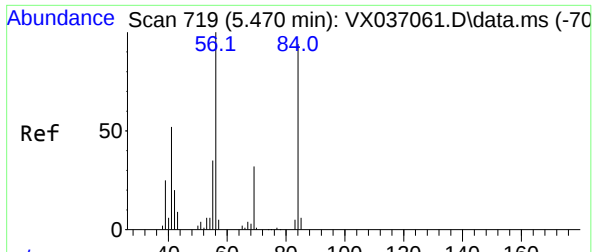
Ion Ratio Lower Upper

96 100

61 121.3 0.0 312.2

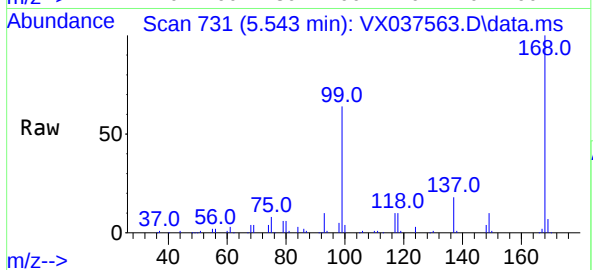
98 60.5 0.0 129.0



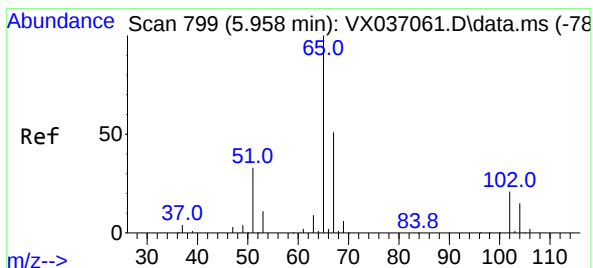
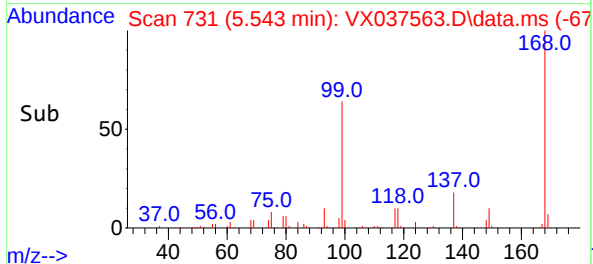
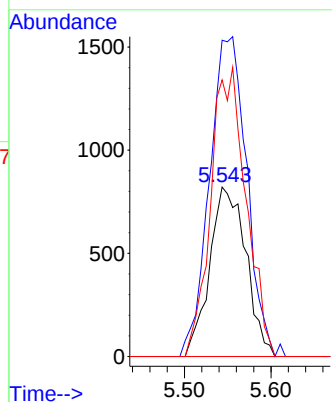


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Instrument :
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ClientSampleId :
BR-02-133-090123-3V

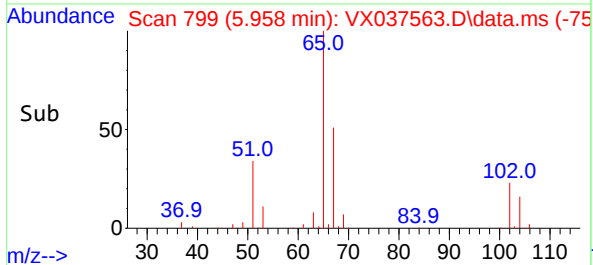
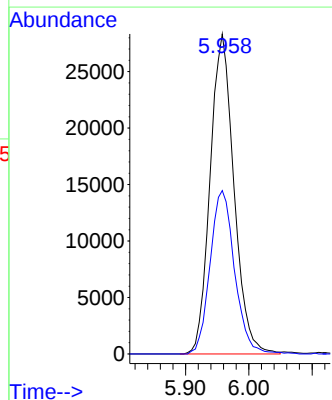
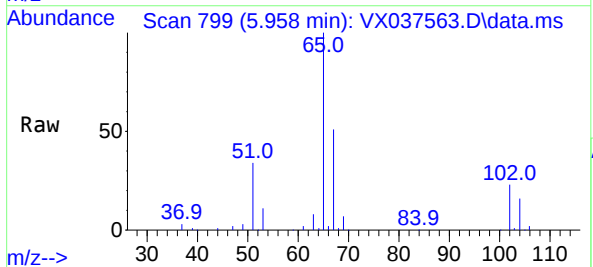


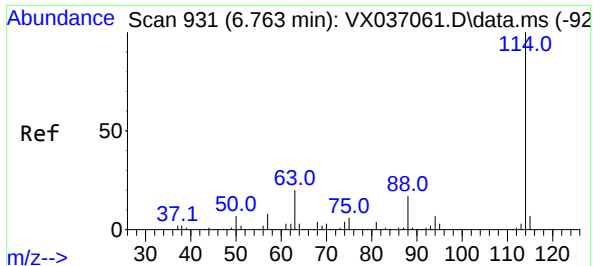
Tgt Ion: 56 Resp: 2389
Ion Ratio Lower Upper
56 100
69 186.7 23.4 35.2#
84 163.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 39.799 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Tgt Ion: 65 Resp: 73980
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

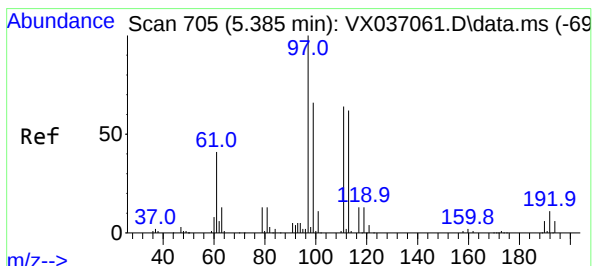
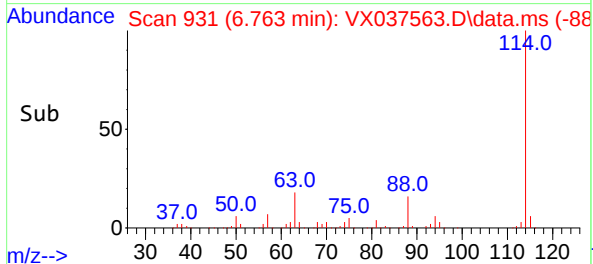
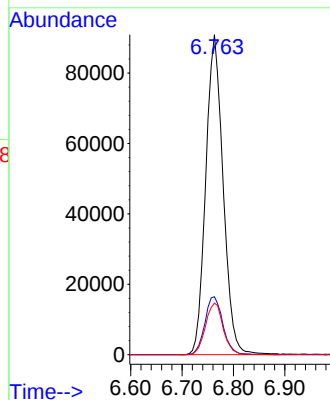
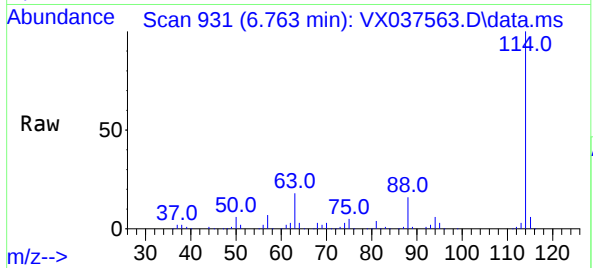




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

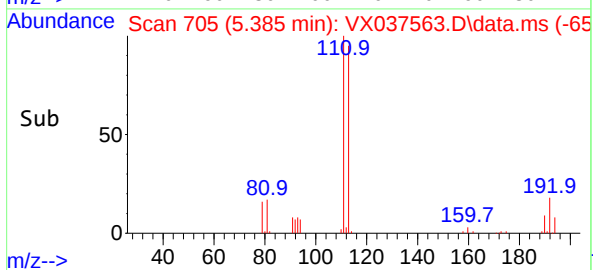
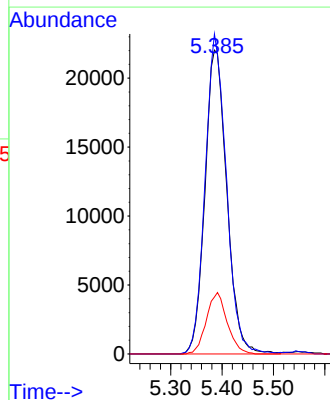
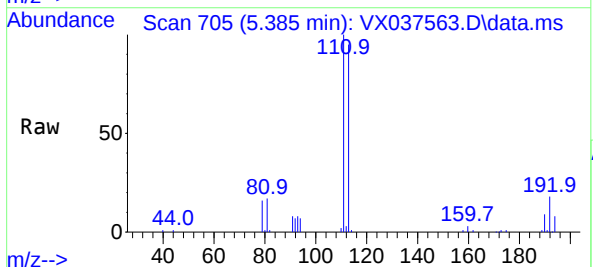
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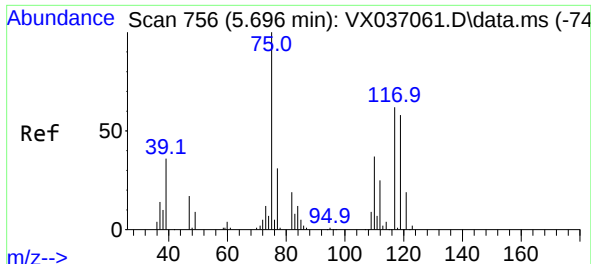
Tgt Ion:114 Resp: 213201
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.202 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

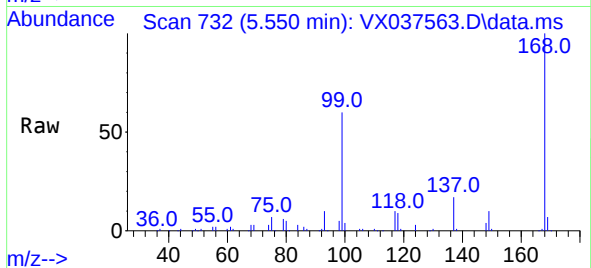
Tgt Ion:113 Resp: 65236
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.2 13.3 19.9



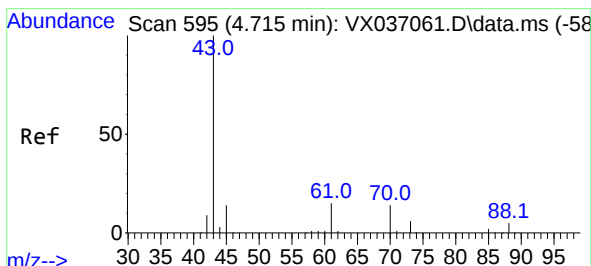
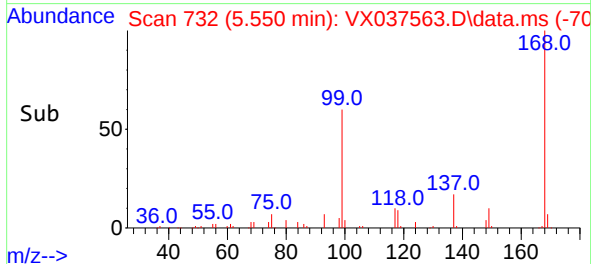
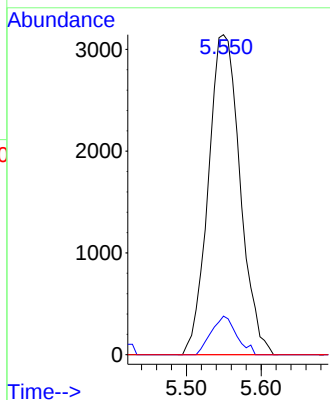


#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-090123-3V

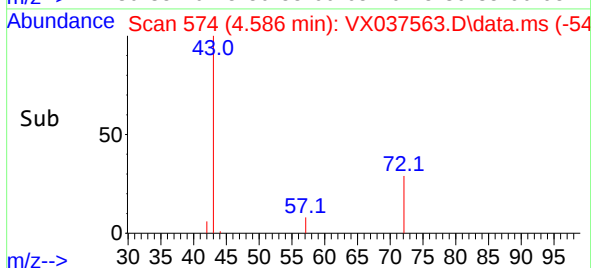
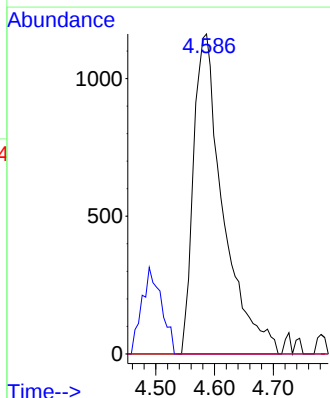
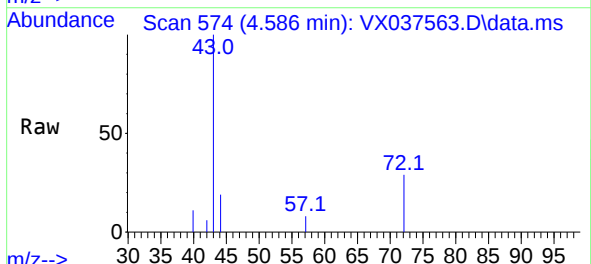


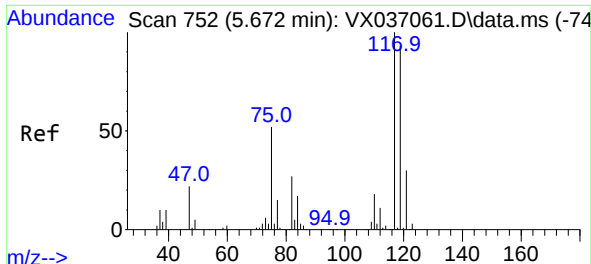
Tgt Ion: 75 Resp: 9311
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.986 ug/l
RT: 4.586 min Scan# 574
Delta R.T. -0.128 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

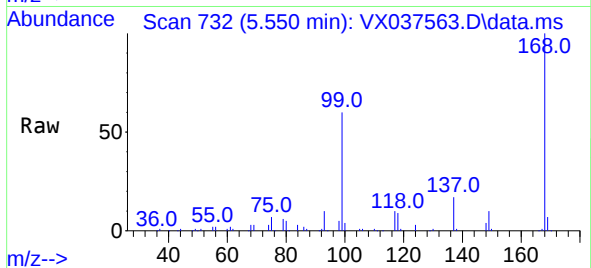
Tgt Ion: 43 Resp: 4070
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



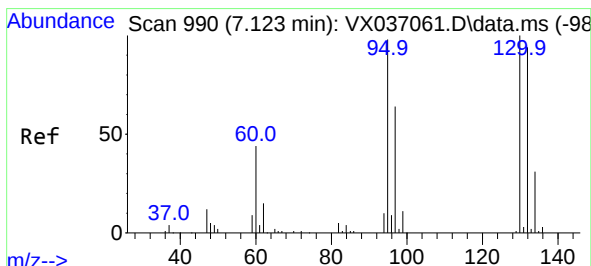
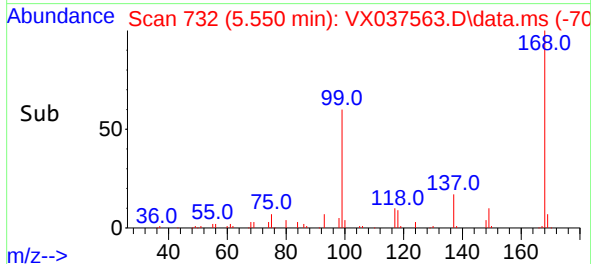
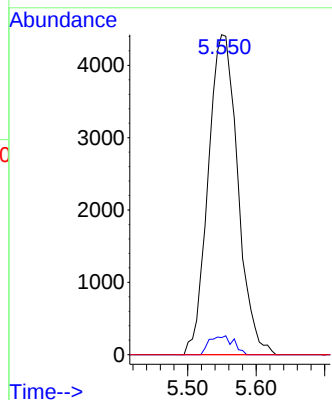


#38
Carbon Tetrachloride
Concen: 6.100 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-090123-3V

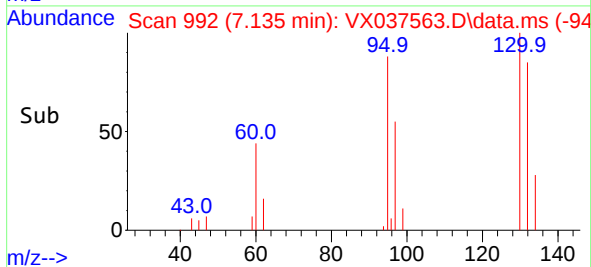
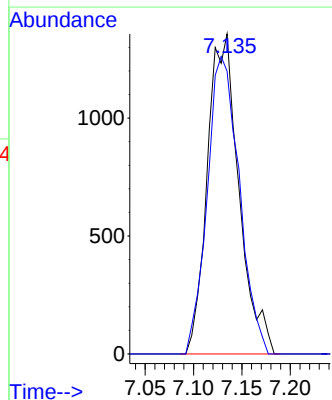
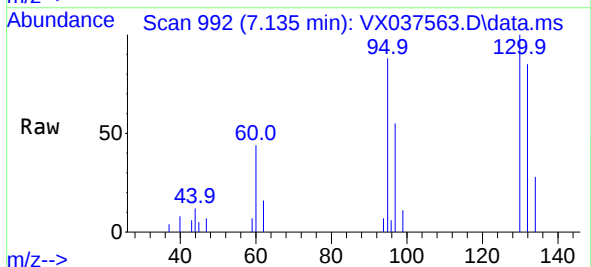


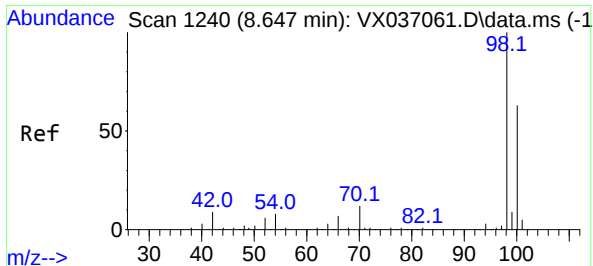
Tgt Ion:117 Resp: 13292
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.883 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Tgt Ion:130 Resp: 3072
Ion Ratio Lower Upper
130 100
95 88.4 0.0 204.4





#50

Toluene-d8

Concen: 48.244 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037563.D

Acq: 06 Sep 2023 18:42

Instrument :

MSVOA_X

ClientSampleId :

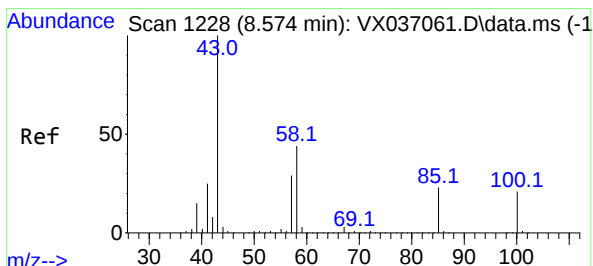
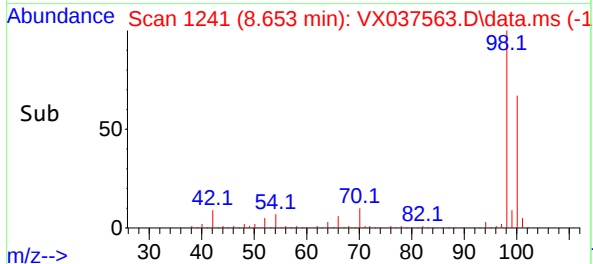
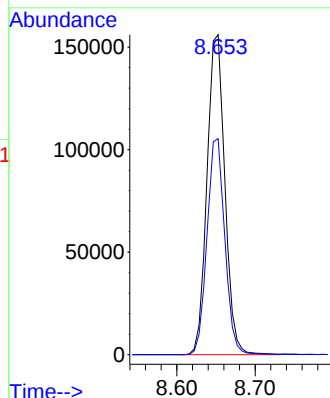
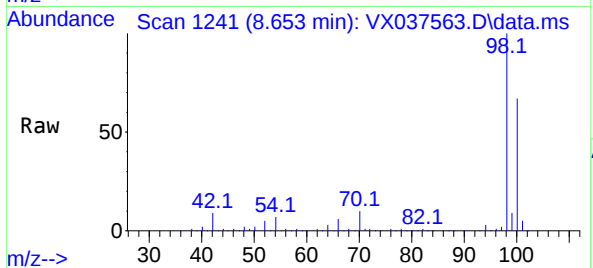
BR-02-133-090123-3V

Tgt Ion: 98 Resp: 247097

Ion Ratio Lower Upper

98 100

100 67.4 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.429 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX037563.D

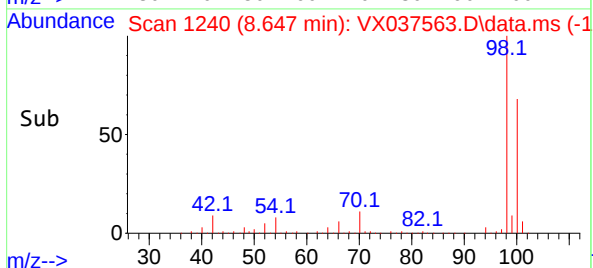
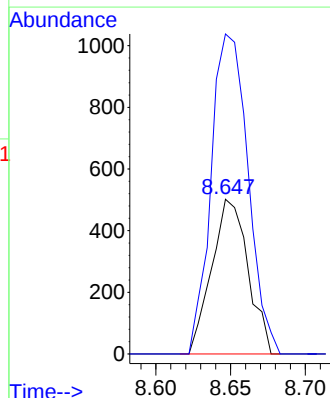
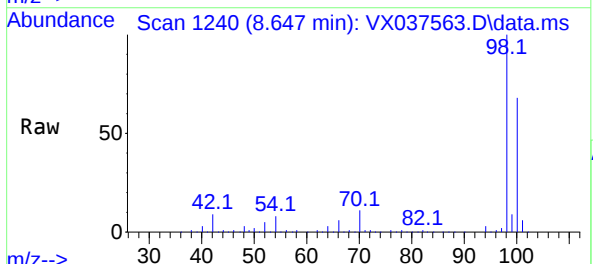
Acq: 06 Sep 2023 18:42

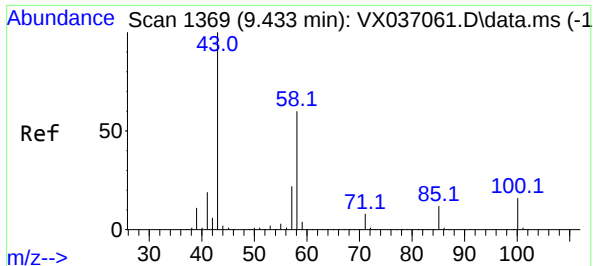
Tgt Ion: 43 Resp: 847

Ion Ratio Lower Upper

43 100

58 210.5 30.4 45.6#

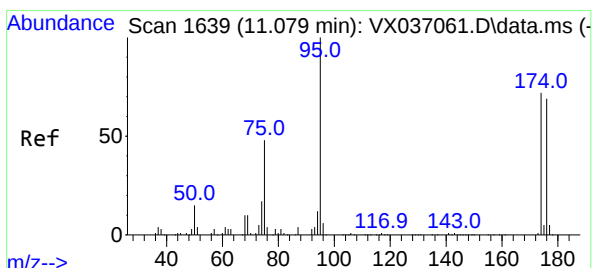
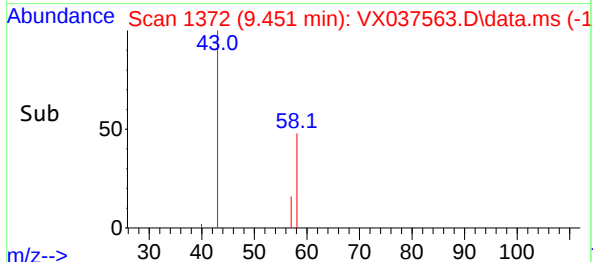
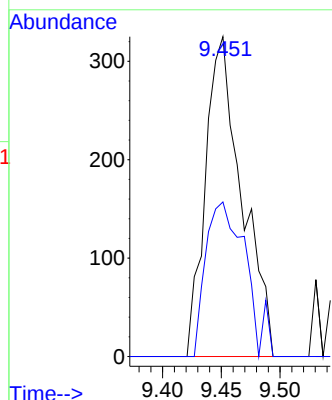
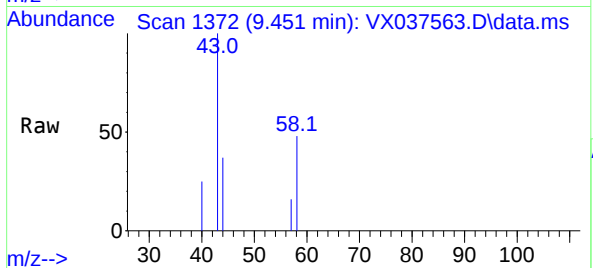




#59
2-Hexanone
Concen: 0.465 ug/l
RT: 9.451 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

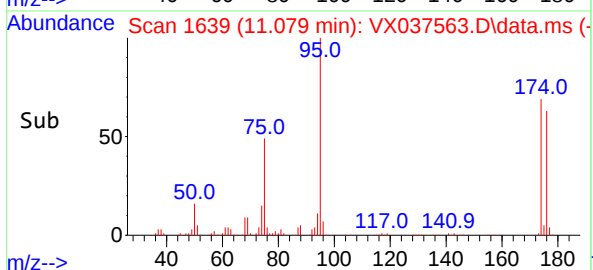
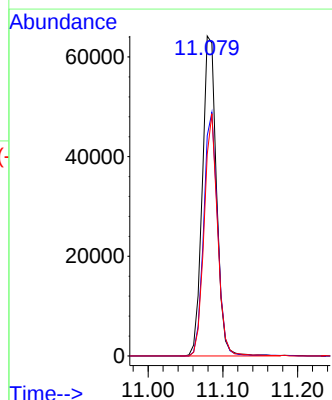
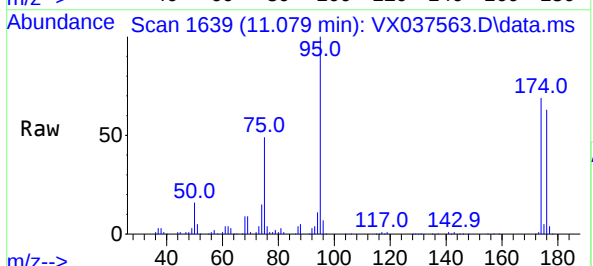
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-090123-3V

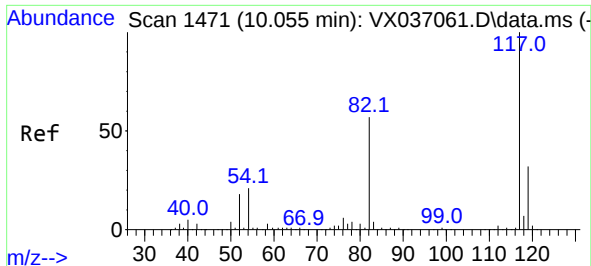
Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
58 52.6 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 41.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Tgt Ion: 95 Resp: 84421
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 71.4 0.0 131.0

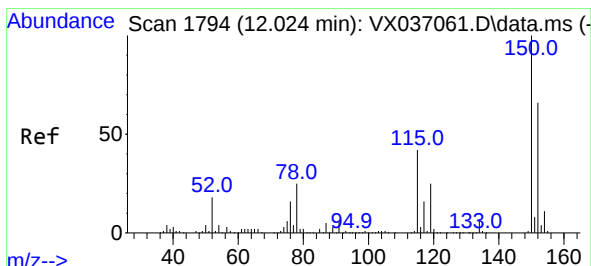
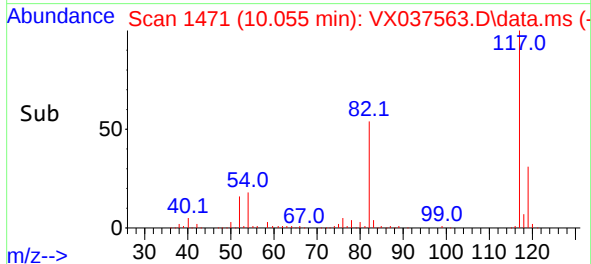
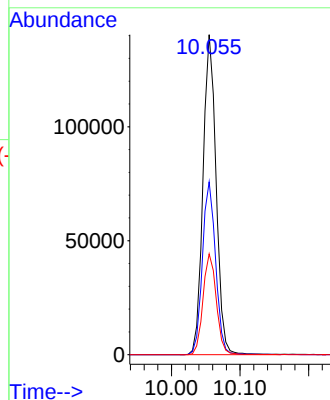
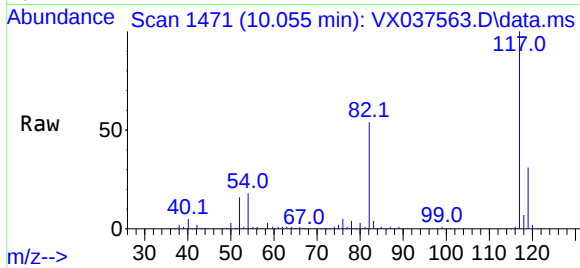




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

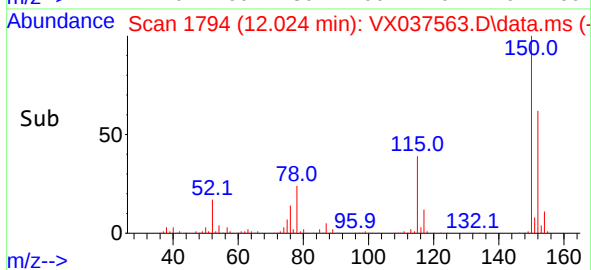
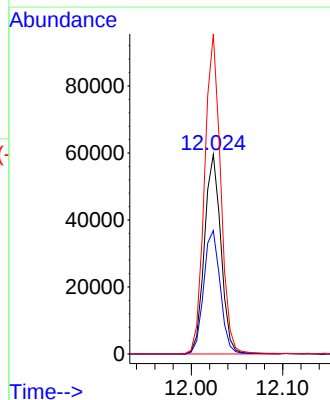
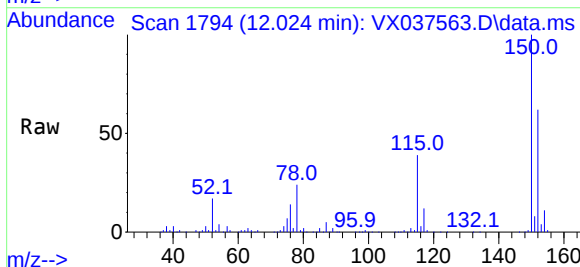
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-090123-3V

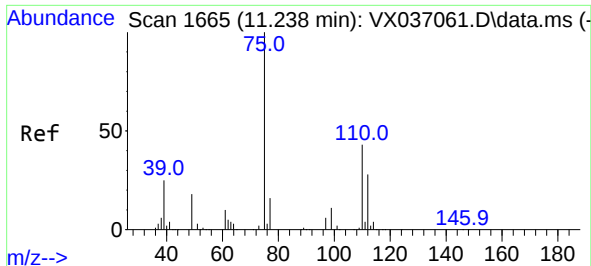
Tgt Ion:117 Resp: 187252
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Tgt Ion:152 Resp: 74349
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 157.0 0.0 345.0

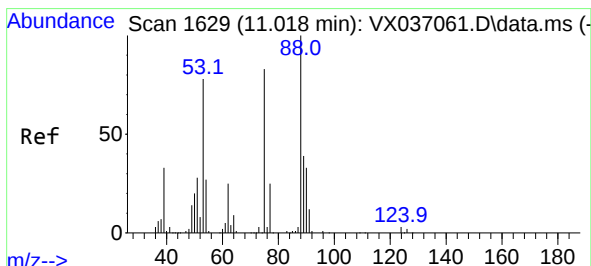
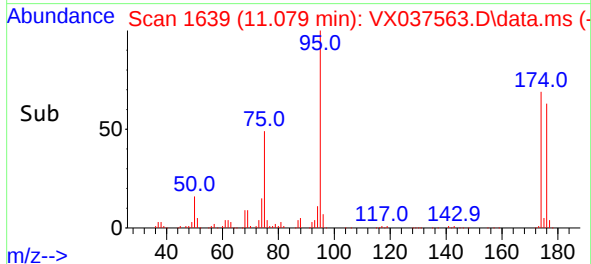
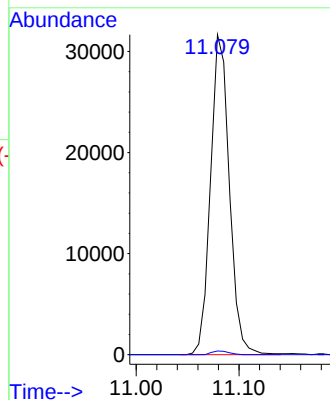
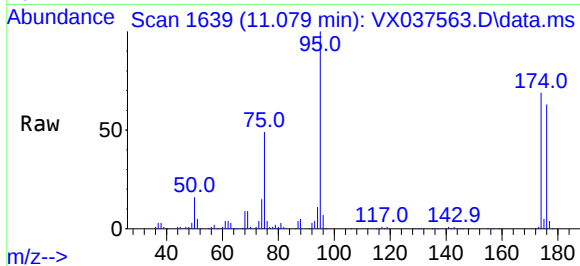




#76
1,2,3-Trichloropropane
Concen: 25.444 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-090123-3V

Tgt Ion: 75 Resp: 40288
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.067 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037563.D
Acq: 06 Sep 2023 18:42

Tgt Ion: 75 Resp: 40288
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

