

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038729.D
 Acq On : 10 Nov 2023 15:24
 Operator : JC/MD
 Sample : 05348-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20231108

Quant Time: Nov 11 01:54:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

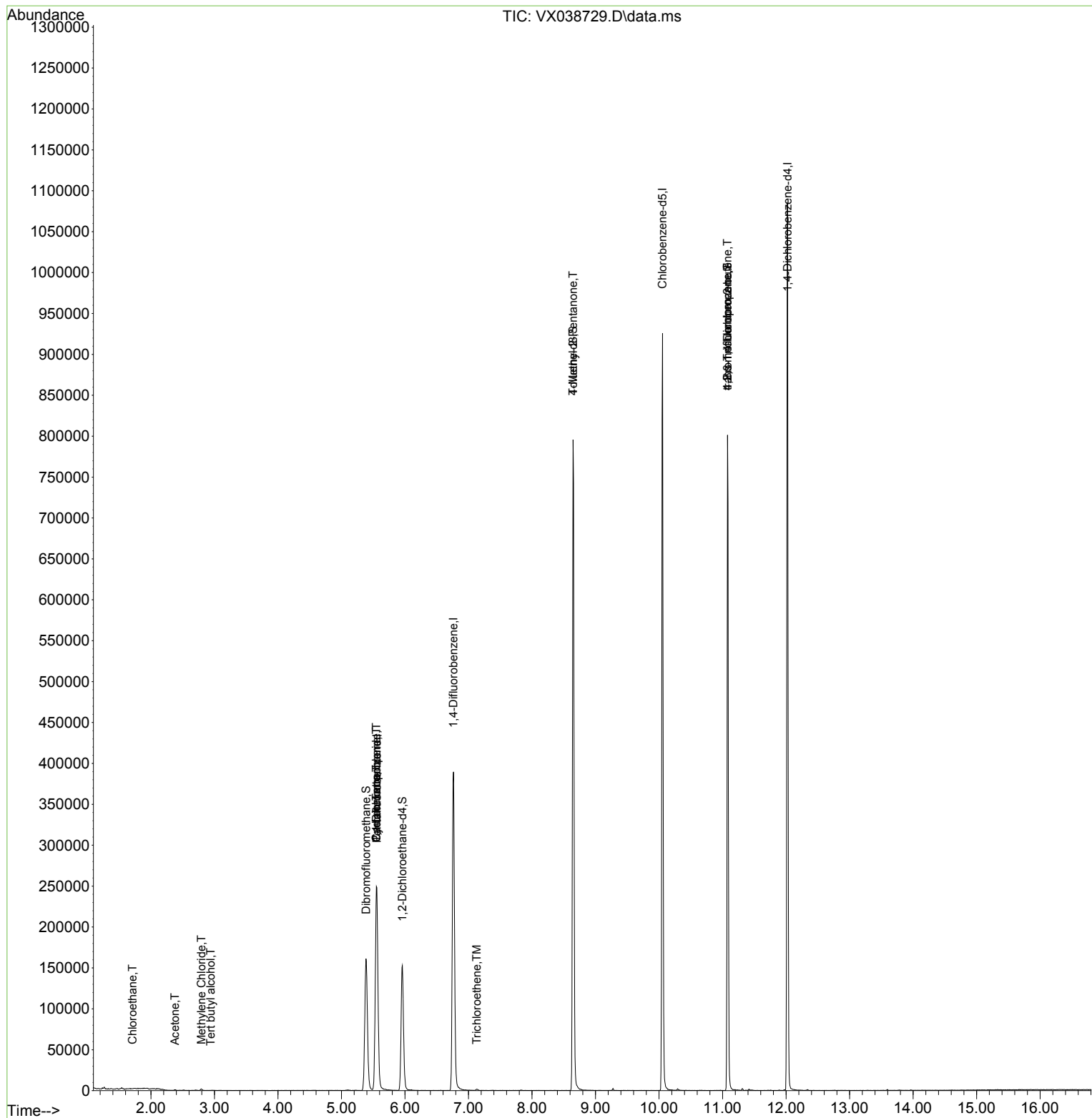
Internal Standards						
1) Pentafluorobenzene	5.556	168	261416	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	436114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	453916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153218	47.078	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.160%
35) Dibromofluoromethane	5.385	113	144524	46.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.020%
50) Toluene-d8	8.647	98	516045	45.912	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.820%#
62) 4-Bromofluorobenzene	11.079	95	219372	50.340	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.680%
Target Compounds						
					Qvalue	
6) Chloroethane	1.709	64	1770	1.119	ug/l	# 67
11) Tert butyl alcohol	2.941	59	176	0.265	ug/l	# 78
16) Acetone	2.380	43	999	0.729	ug/l	90
20) Methylene Chloride	2.794	84	957	0.346	ug/l	# 91
31) Cyclohexane	5.550	56	4295	1.192	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	16399	4.203	ug/l	# 53
38) Carbon Tetrachloride	5.550	117	24191	5.546	ug/l	# 15
44) Trichloroethene	7.129	130	773	0.221	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1735	0.435	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	104273	20.474	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	104273	62.412	ug/l	# 5

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

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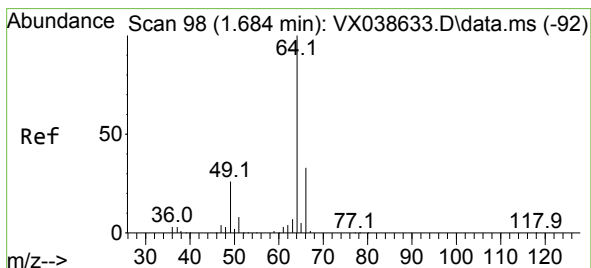
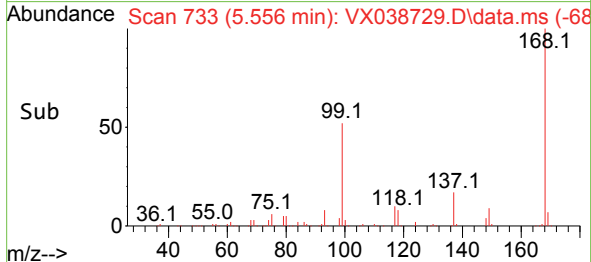
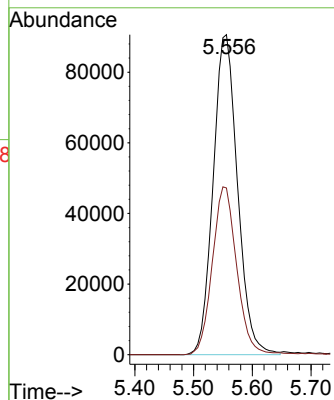
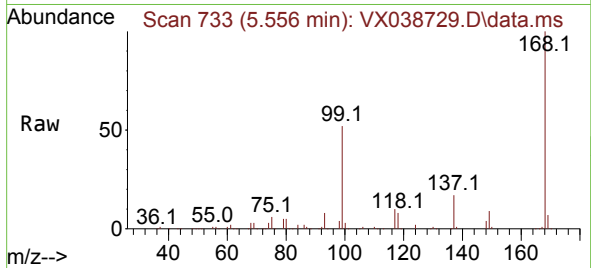




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

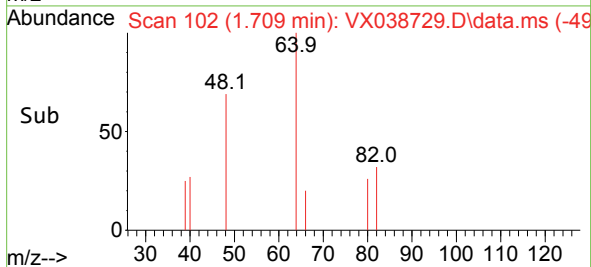
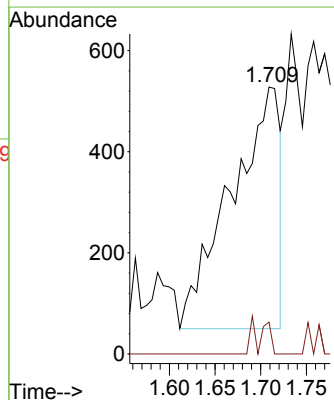
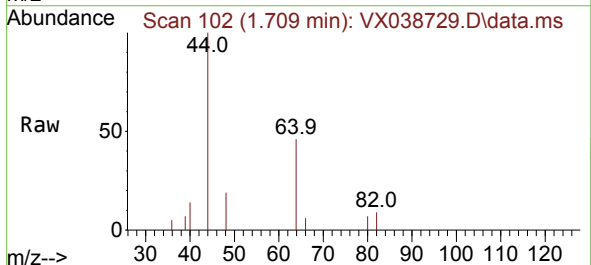
Instrument :
MSVOA_X
ClientSampleId :
TB01-20231108

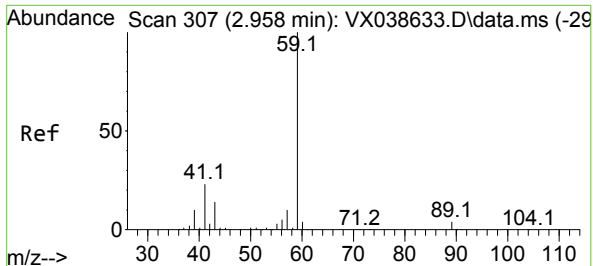
Tgt Ion:168 Resp: 261416
Ion Ratio Lower Upper
168 100
99 52.1 56.6 85.0#



#6
Chloroethane
Concen: 1.119 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.025 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

Tgt Ion: 64 Resp: 1770
Ion Ratio Lower Upper
64 100
66 13.2 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.265 ug/l

RT: 2.941 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX038729.D

Acq: 10 Nov 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

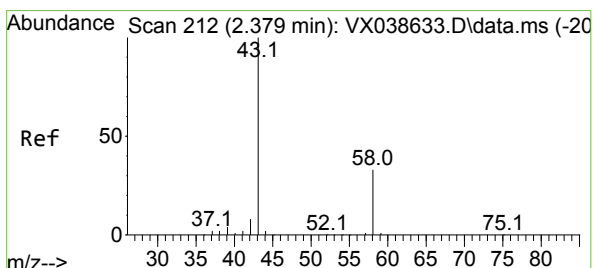
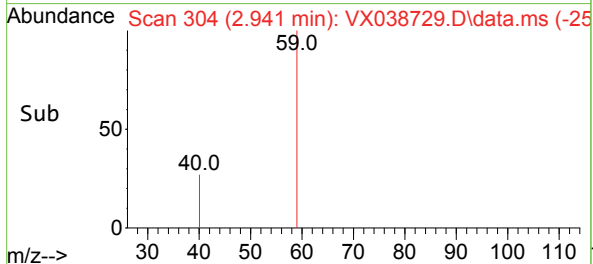
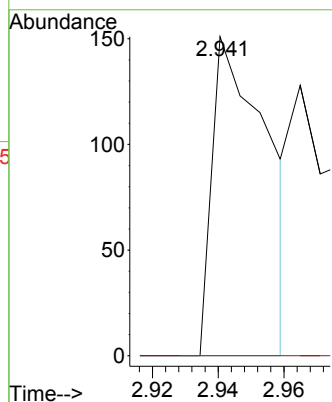
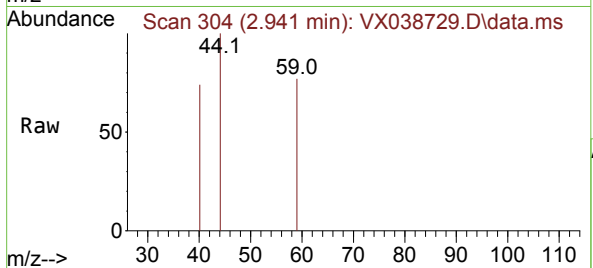
TB01-20231108

Tgt Ion: 59 Resp: 176

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.729 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX038729.D

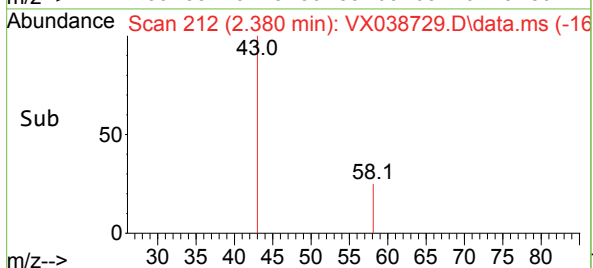
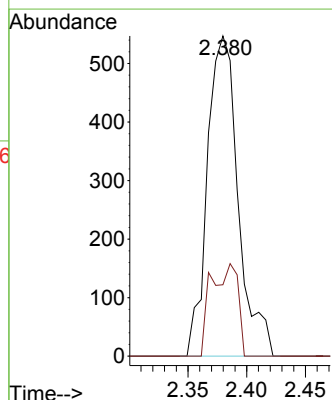
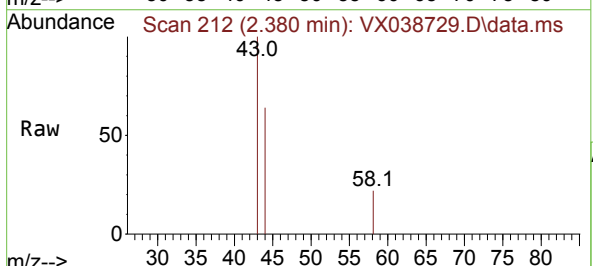
Acq: 10 Nov 2023 15:24

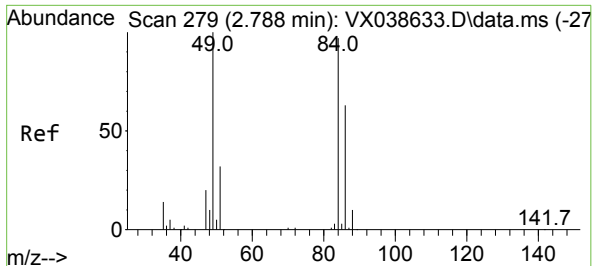
Tgt Ion: 43 Resp: 999

Ion Ratio Lower Upper

43 100

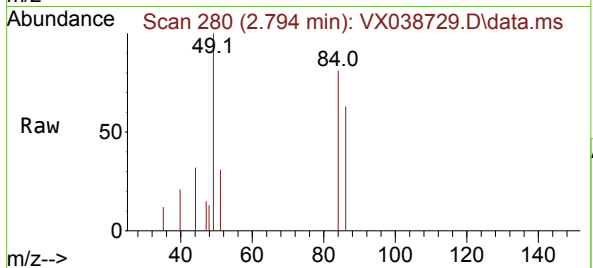
58 22.3 21.9 32.9



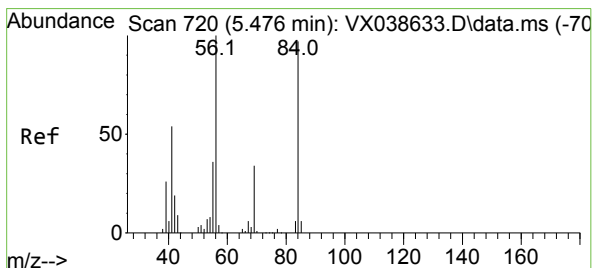
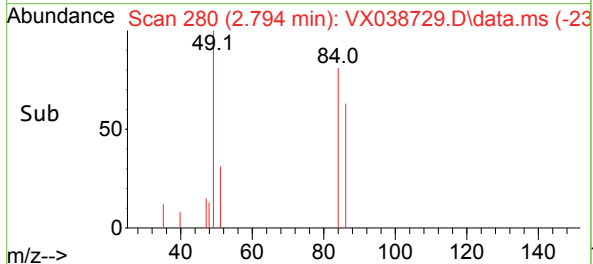
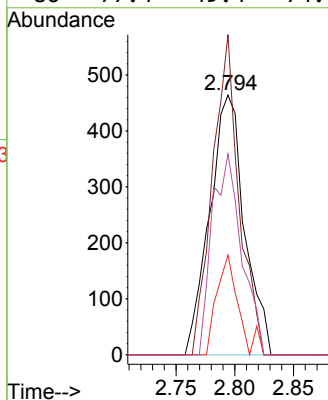


#20
Methylene Chloride
Concen: 0.346 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

Instrument :
MSVOA_X
ClientSampleId :
TB01-20231108

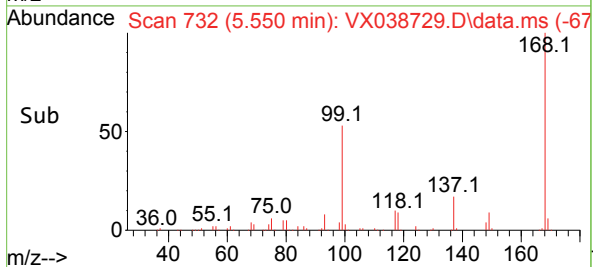
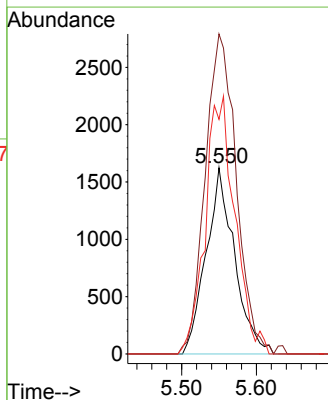
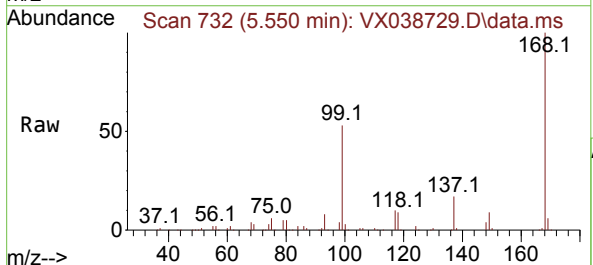


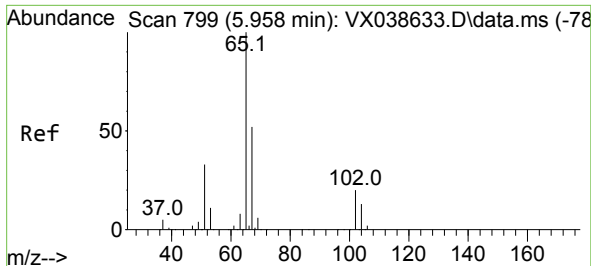
Tgt Ion:	84	Resp:	957
Ion	Ratio	Lower	Upper
84	100		
49	123.3	103.6	155.4
51	38.4	33.8	50.6
86	77.4	49.4	74.0#



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

Tgt Ion:	56	Resp:	4295
Ion	Ratio	Lower	Upper
56	100		
69	171.8	23.4	35.2#
84	125.9	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.078 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038729.D

Acq: 10 Nov 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

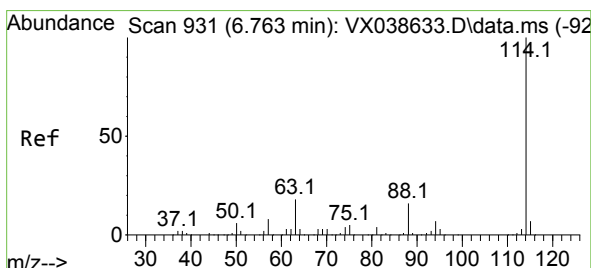
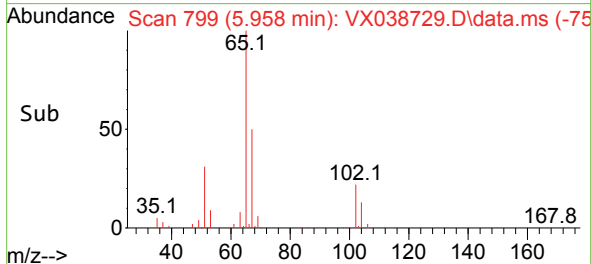
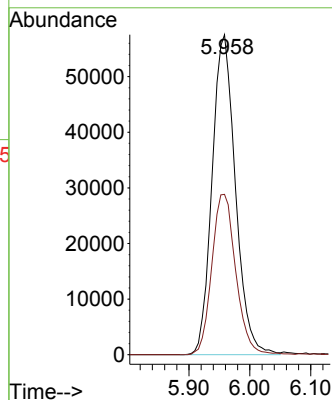
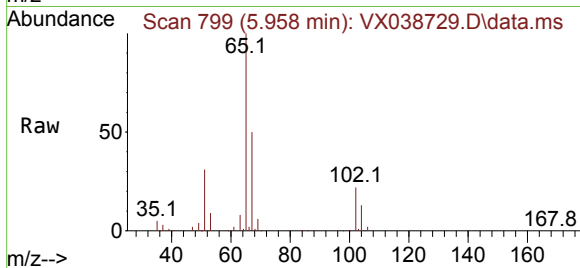
TB01-20231108

Tgt Ion: 65 Resp: 153218

Ion Ratio Lower Upper

65 100

67 51.5 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: VX038729.D

Acq: 10 Nov 2023 15:24

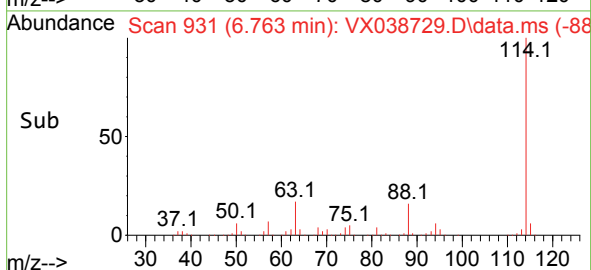
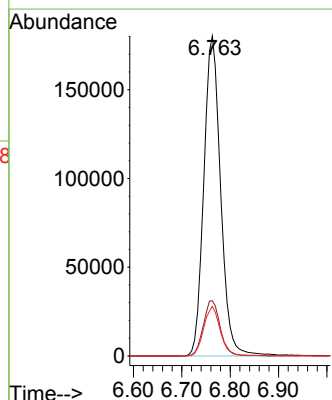
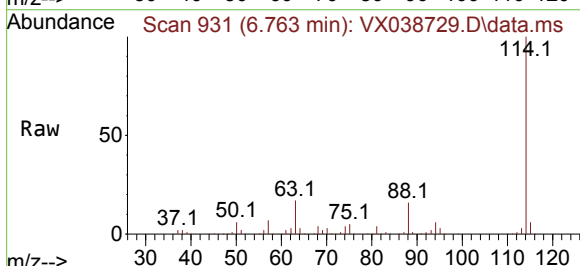
Tgt Ion: 114 Resp: 436114

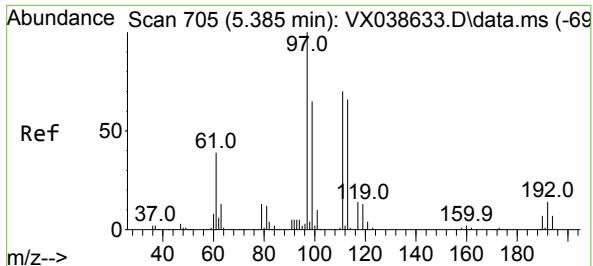
Ion Ratio Lower Upper

114 100

63 17.2 0.0 45.0

88 15.5 0.0 36.6

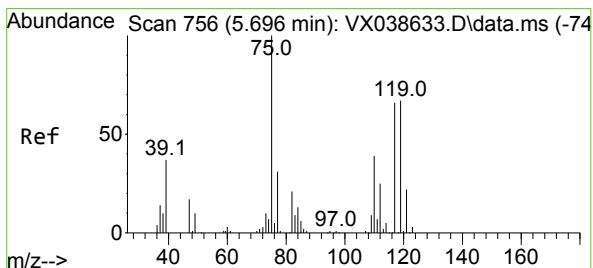
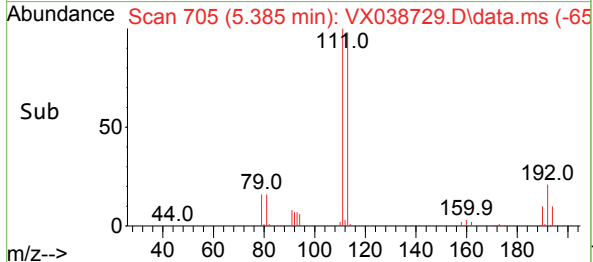
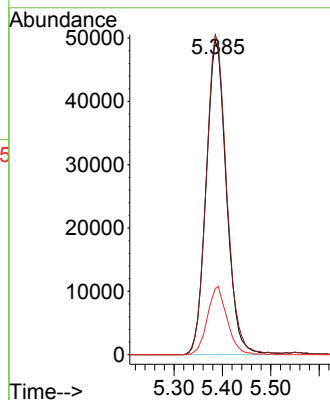
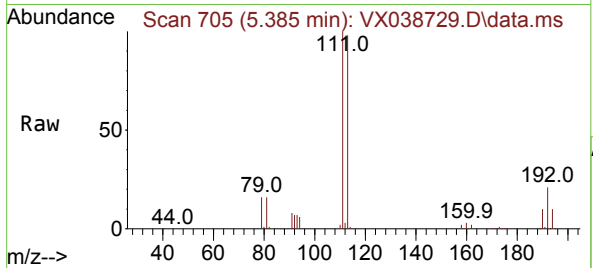




#35
Dibromofluoromethane
Concen: 46.012 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

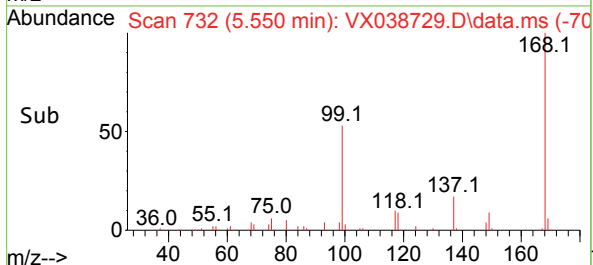
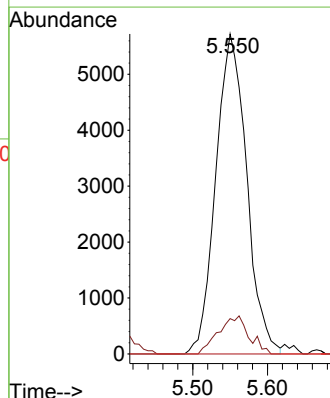
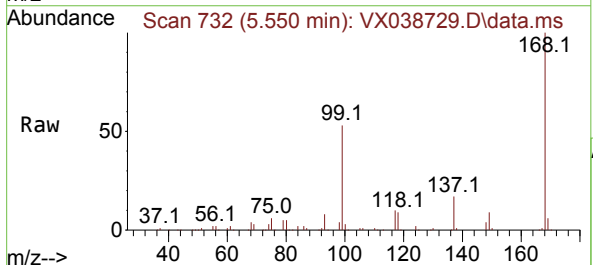
Instrument :
MSVOA_X
ClientSampleId :
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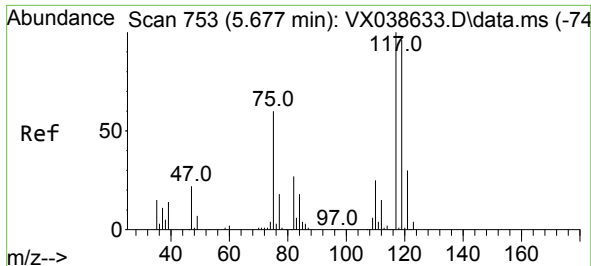
Tgt Ion:113 Resp: 144524
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 21.1 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.203 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

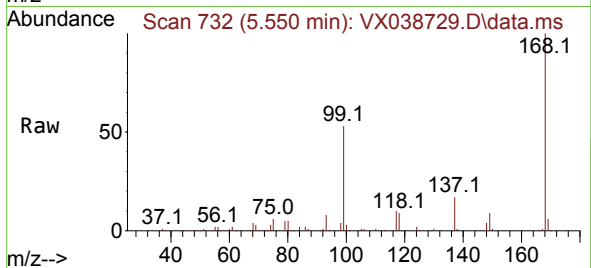
Tgt Ion: 75 Resp: 16399
Ion Ratio Lower Upper
75 100
110 11.7 17.0 50.9#
77 0.0 24.7 37.1#



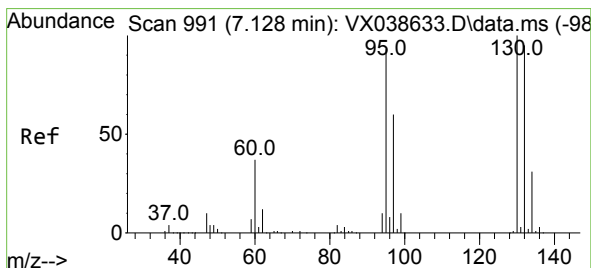
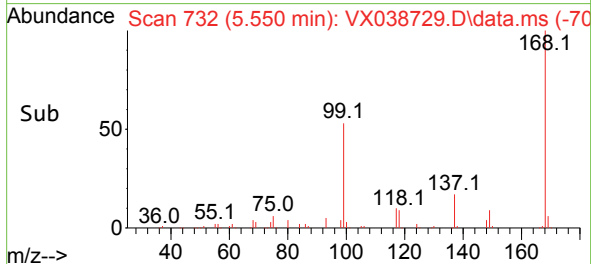
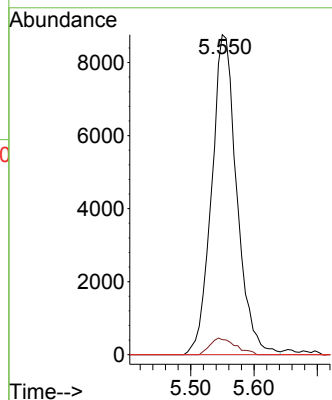


#38
Carbon Tetrachloride
Concen: 5.546 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

Instrument :
MSVOA_X
ClientSampleId :
TB01-20231108

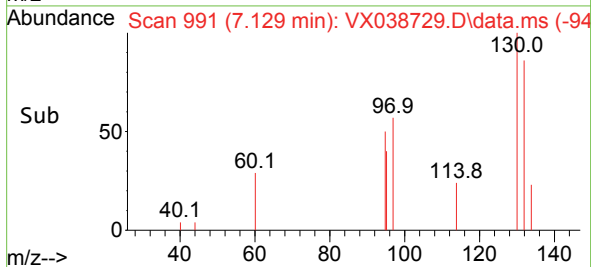
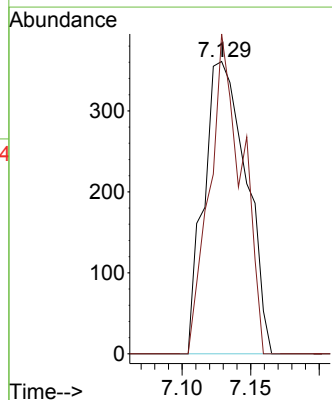
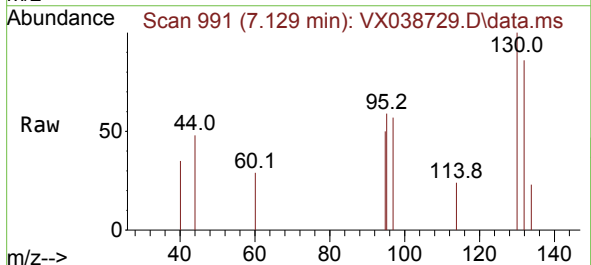


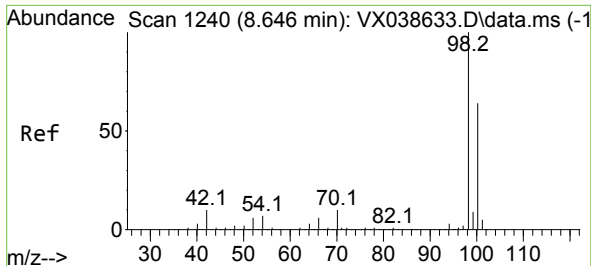
Tgt Ion:117 Resp: 24191
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.221 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

Tgt Ion:130 Resp: 773
Ion Ratio Lower Upper
130 100
95 109.4 0.0 204.4

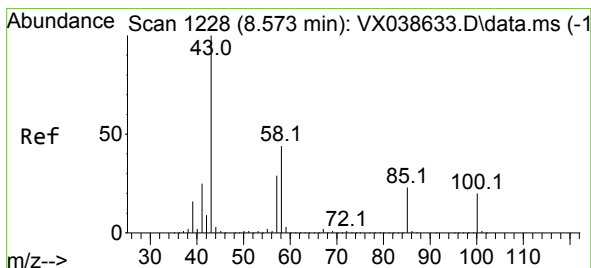
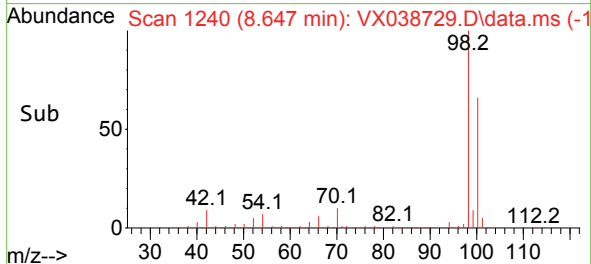
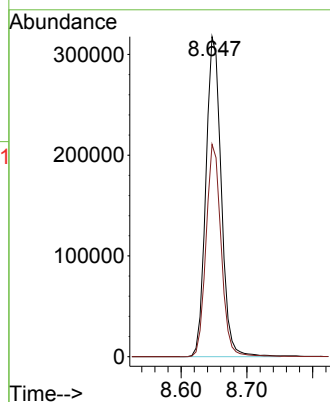
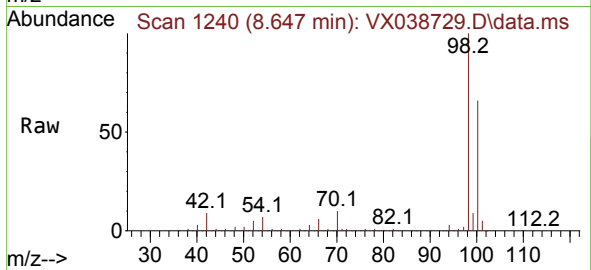




#50
Toluene-d8
Concen: 45.912 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

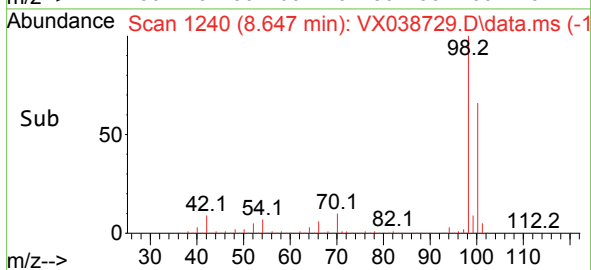
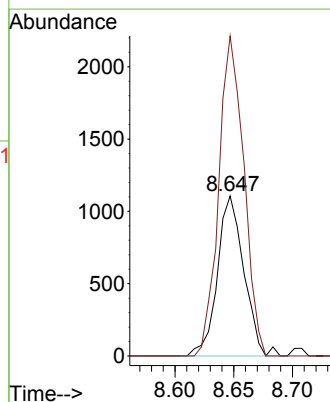
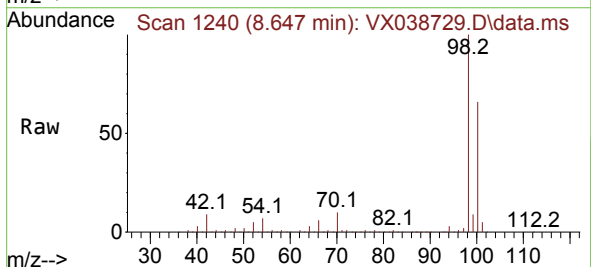
Instrument :
MSVOA_X
ClientSampleId :
TB01-20231108

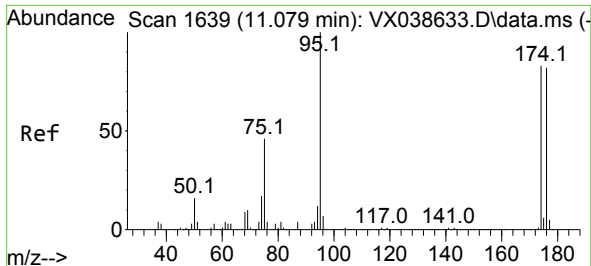
Tgt Ion: 98 Resp: 516045
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 190.3 30.4 45.6

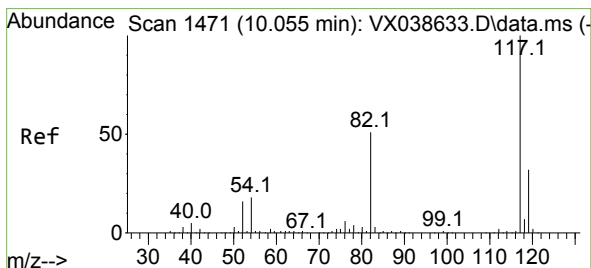
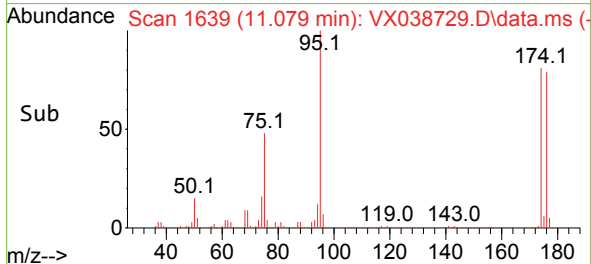
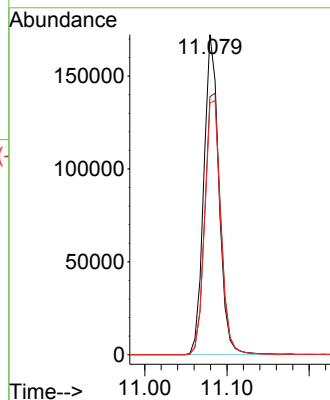
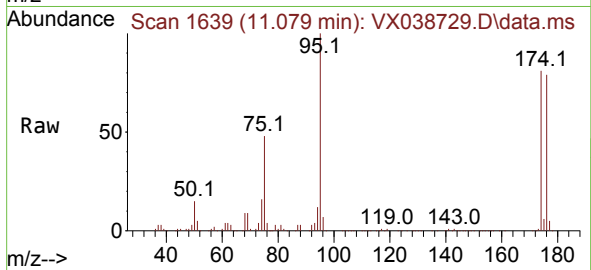




#62
4-Bromofluorobenzene
Concen: 50.340 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

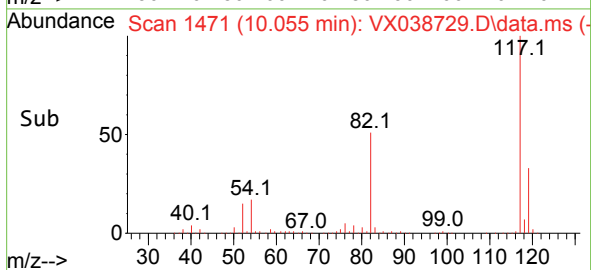
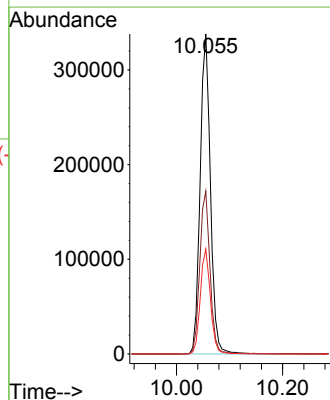
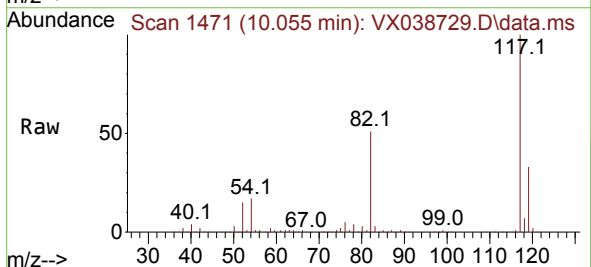
Instrument :
MSVOA_X
ClientSampleId :
TB01-20231108

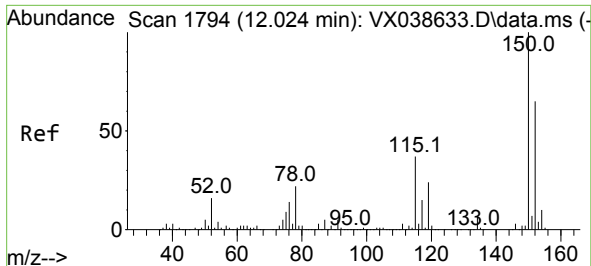
Tgt Ion: 95 Resp: 219372
Ion Ratio Lower Upper
95 100
174 87.0 0.0 135.6
176 84.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038729.D
Acq: 10 Nov 2023 15:24

Tgt Ion: 117 Resp: 453916
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 32.8 25.5 38.3

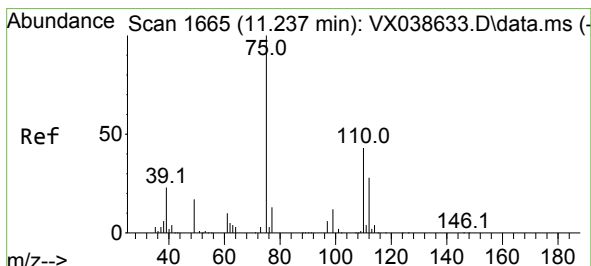
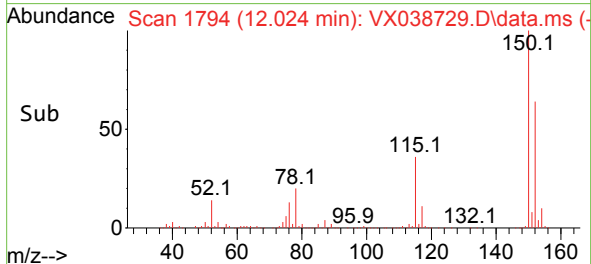
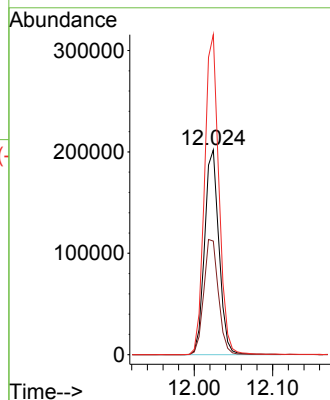
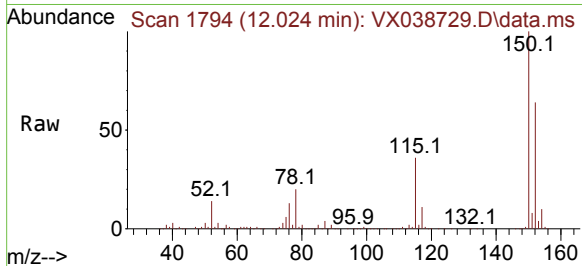




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038729.D
 Acq: 10 Nov 2023 15:24

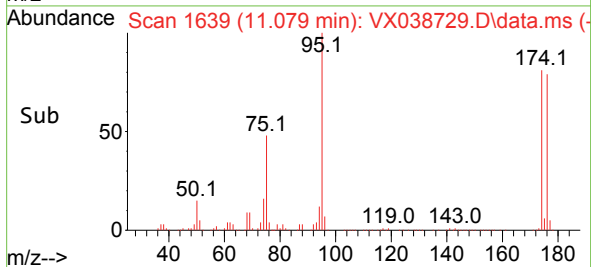
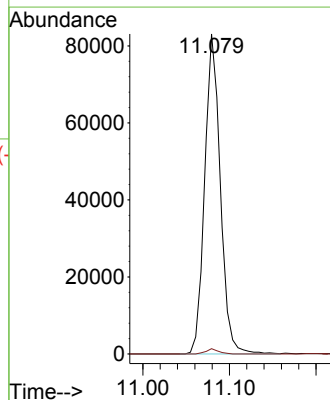
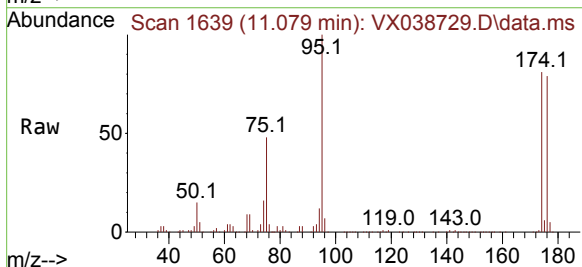
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20231108

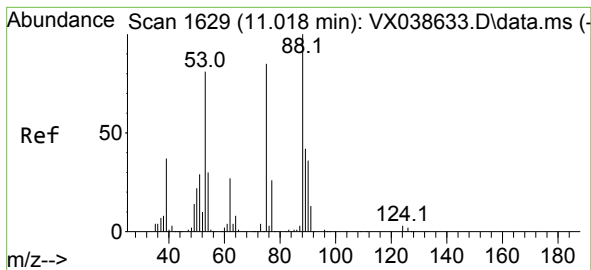
Tgt Ion:152 Resp: 257158
 Ion Ratio Lower Upper
 152 100
 115 57.6 43.3 129.9
 150 156.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.474 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038729.D
 Acq: 10 Nov 2023 15:24

Tgt Ion: 75 Resp: 104273
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.412 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038729.D
 Acq: 10 Nov 2023 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20231108

Tgt Ion: 75 Resp: 104273
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

