

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062823\
 Data File : VX036361.D
 Acq On : 28 Jun 2023 12:11
 Operator : JC/MD
 Sample : 03445-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-062723

Quant Time: Jun 29 01:28:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

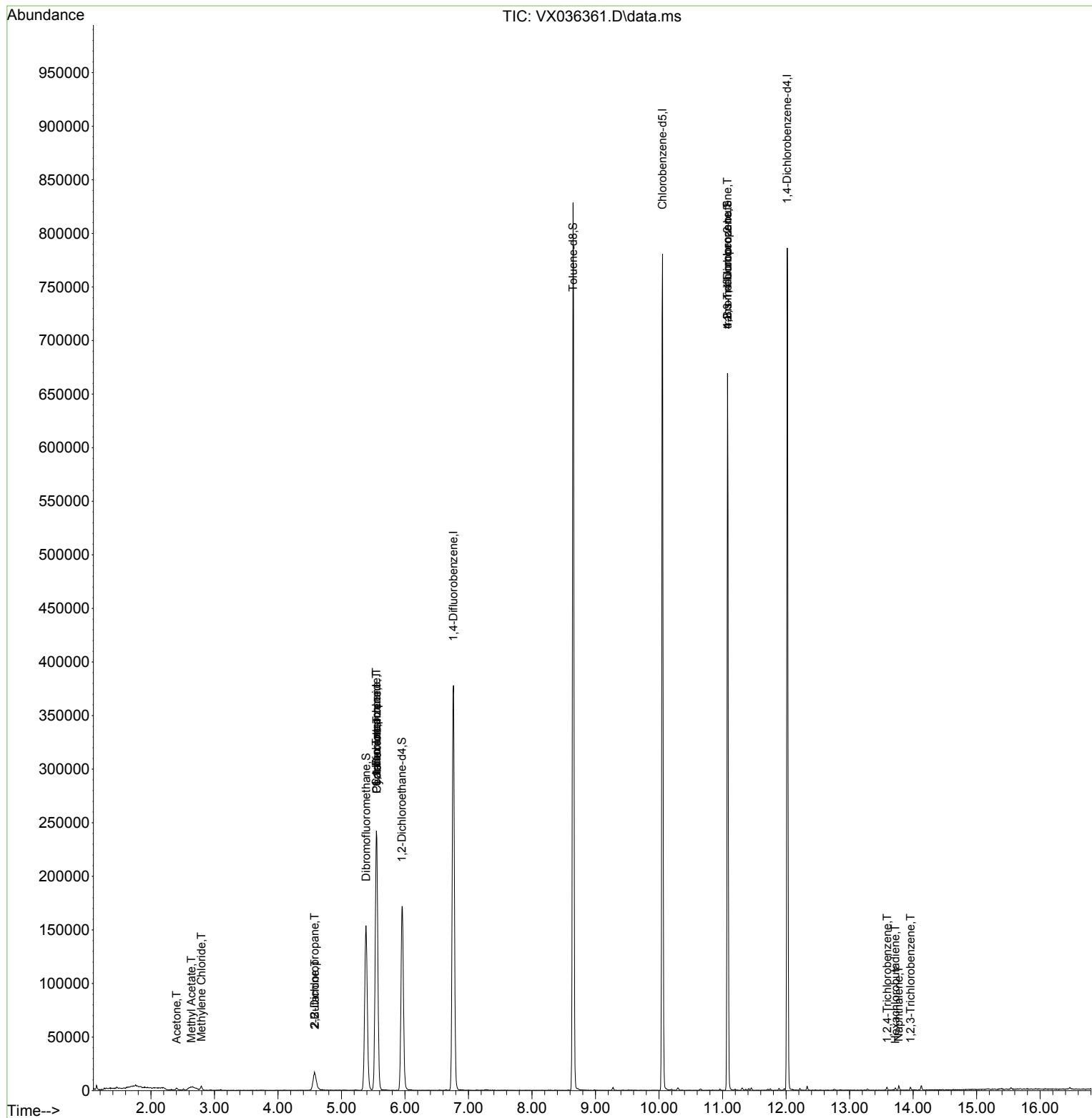
Internal Standards						
1) Pentafluorobenzene	5.556	168	227901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	158145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168569	51.601	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.200%	
35) Dibromofluoromethane	5.385	113	134288	51.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.720%	
50) Toluene-d8	8.647	98	484232	50.066	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	11.079	95	170898	50.165	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.320%	
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	2366	1.694	ug/l #	70
18) Methyl Acetate	2.636	43	1184	0.206	ug/l #	53
20) Methylene Chloride	2.794	84	1537	0.511	ug/l	89
25) 2-Butanone	4.580	43	1365	0.680	ug/l #	84
26) 2,2-Dichloropropane	4.574	77	1021	0.290	ug/l #	54
31) Cyclohexane	5.556	56	4885	1.167	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18697	4.844	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23424	6.644	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	90129	26.719	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	90129	87.096	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	740	0.226	ug/l	92
94) Hexachlorobutadiene	13.719	225	505	0.377	ug/l	87
95) Naphthalene	13.774	128	2658	0.246	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	831	0.261	ug/l #	83

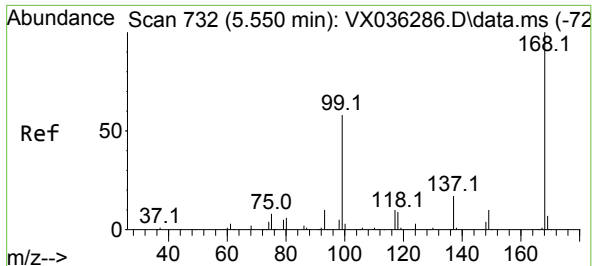
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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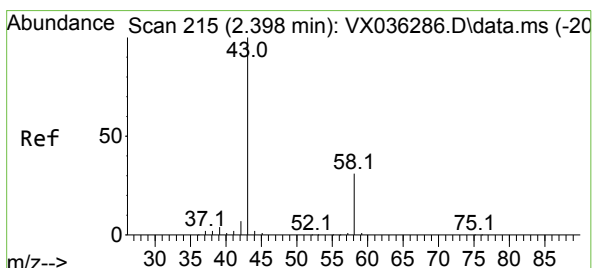
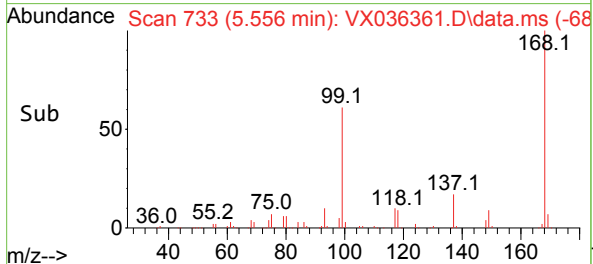
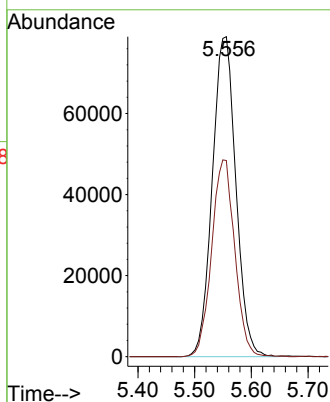
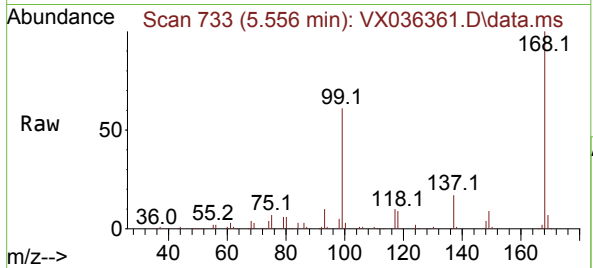




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

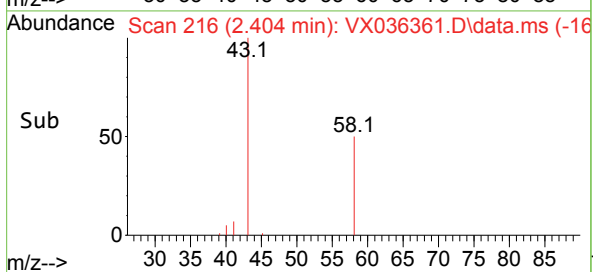
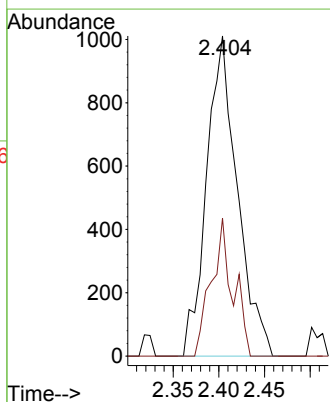
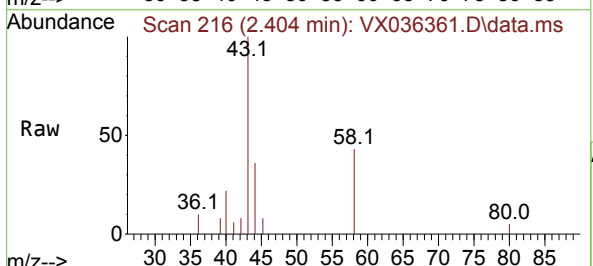
Instrument :
MSVOA_X
ClientSampleId :
TB-01-062723

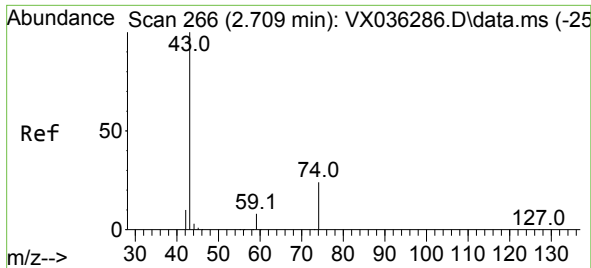
Tgt Ion:168 Resp: 227901
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#16
Acetone
Concen: 1.694 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

Tgt Ion: 43 Resp: 2366
Ion Ratio Lower Upper
43 100
58 43.1 21.9 32.9#

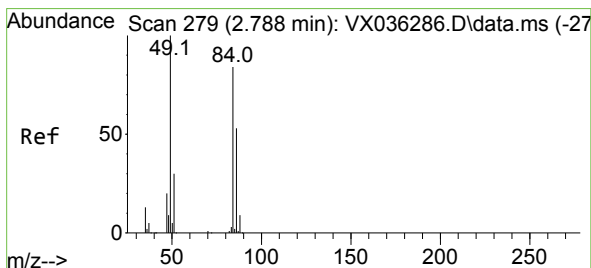
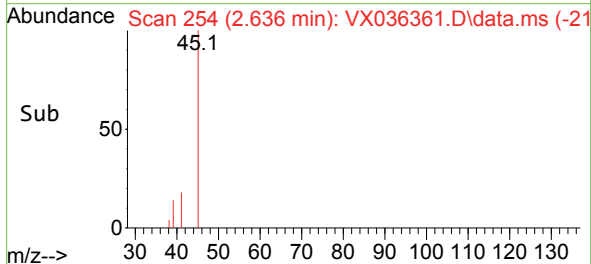
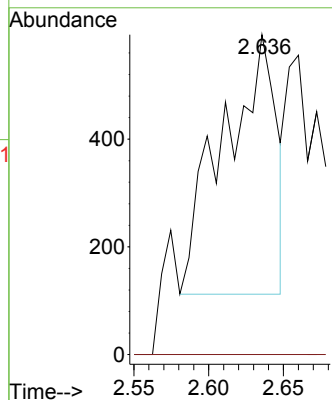
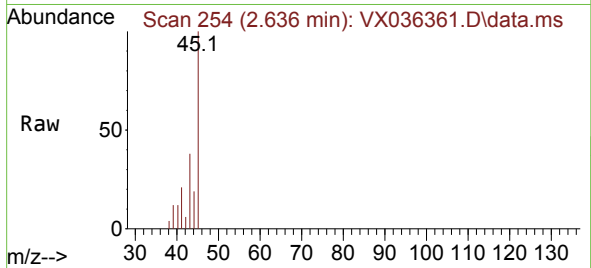




#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 2.636 min Scan# 218
Delta R.T. -0.073 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

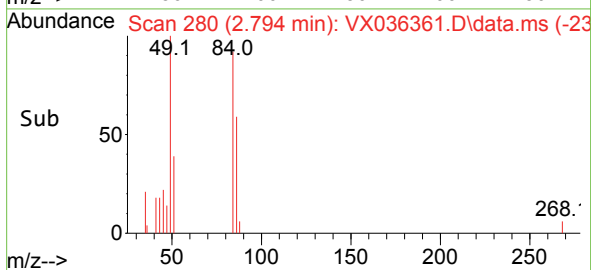
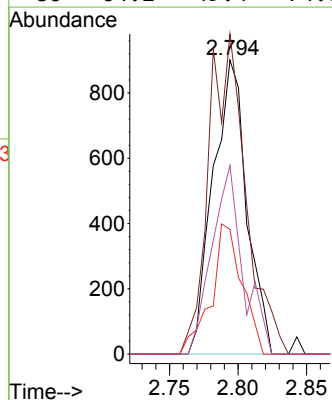
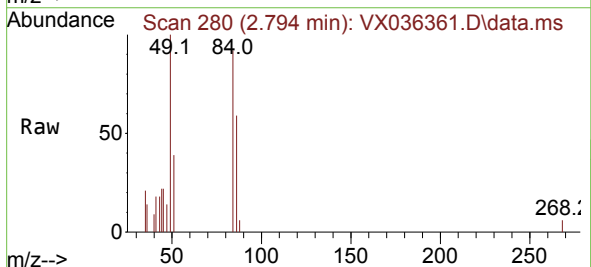
Instrument :
MSVOA_X
ClientSampleId :
TB-01-062723

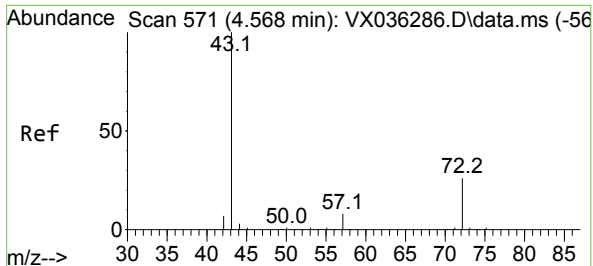
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.511 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

Tgt Ion: 84 Resp: 1537
Ion Ratio Lower Upper
84 100
49 108.9 103.6 155.4
51 42.4 33.8 50.6
86 64.2 49.4 74.0

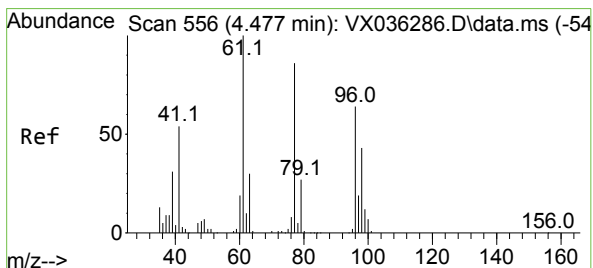
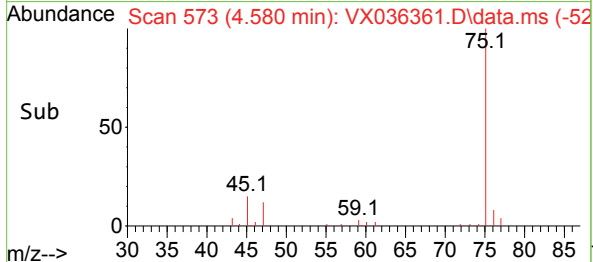
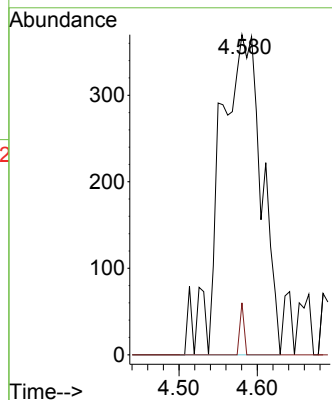
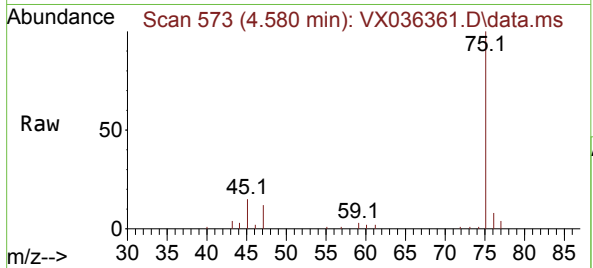




#25
2-Butanone
Concen: 0.680 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

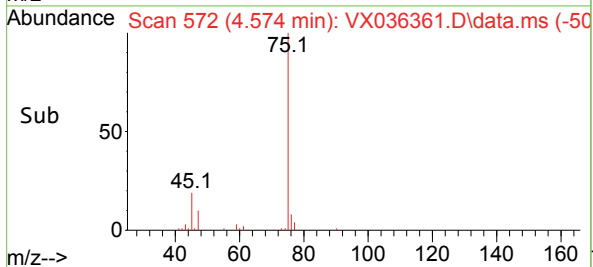
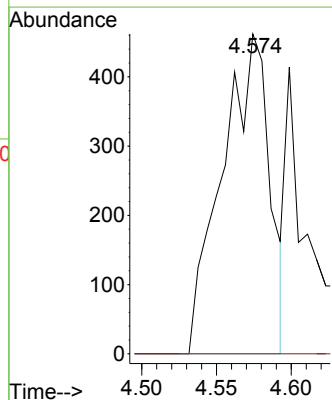
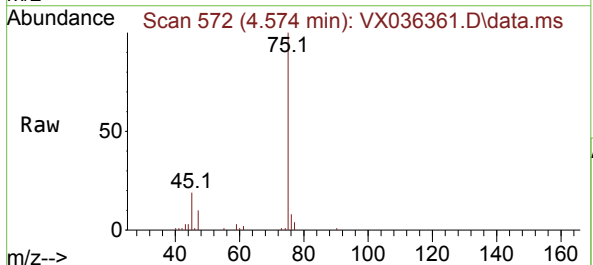
Instrument :
MSVOA_X
ClientSampleId :
TB-01-062723

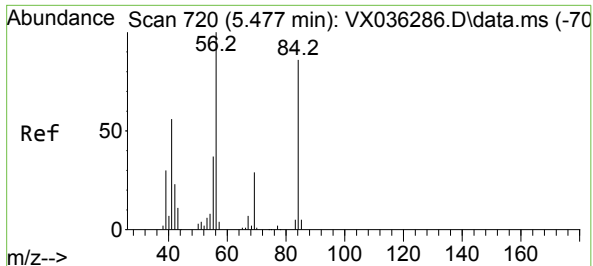
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
72 16.2 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.290 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.097 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

Tgt Ion: 77 Resp: 1021
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

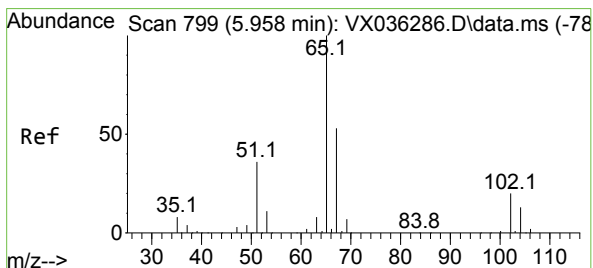
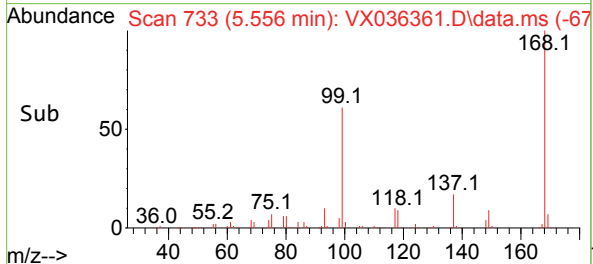
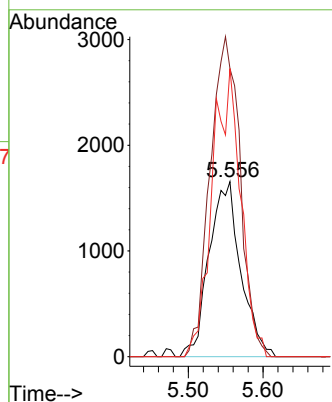
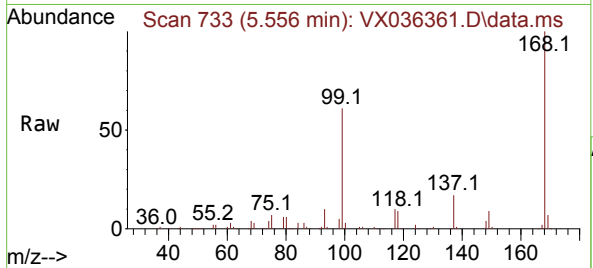




#31
Cyclohexane
Concen: 1.167 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.086 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

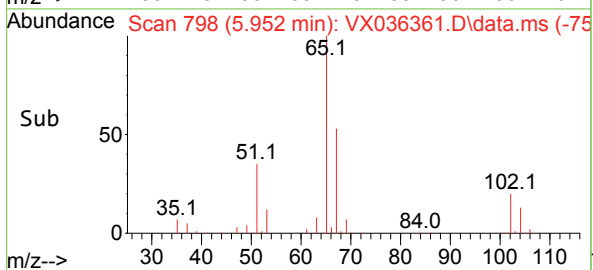
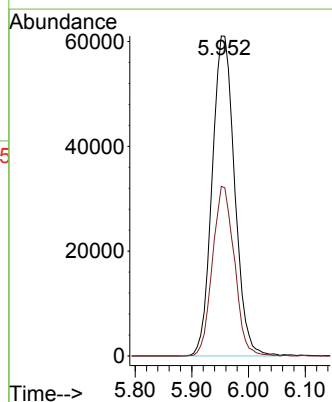
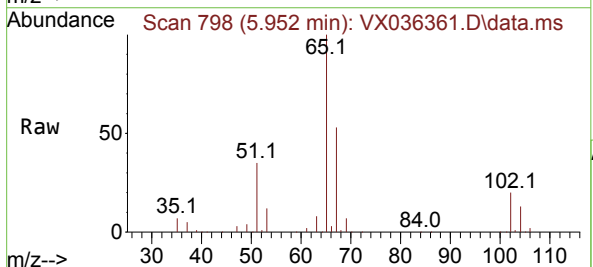
Instrument :
MSVOA_X
ClientSampleId :
TB-01-062723

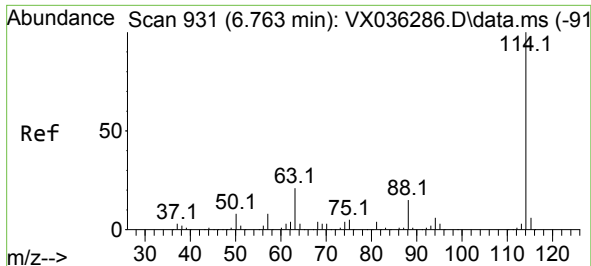
Tgt Ion: 56 Resp: 4885
Ion Ratio Lower Upper
56 100
69 164.7 23.4 35.2#
84 164.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.601 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

Tgt Ion: 65 Resp: 168569
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# 91

Delta R.T. -0.000 min

Lab File: VX036361.D

Acq: 28 Jun 2023 12:11

Instrument :

MSVOA_X

ClientSampleId :

TB-01-062723

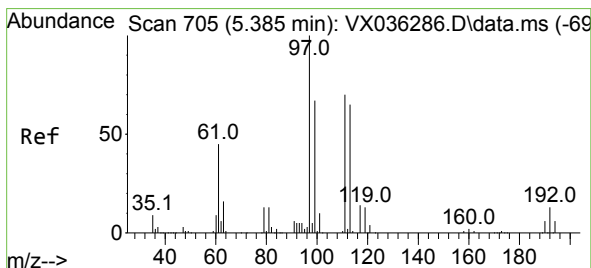
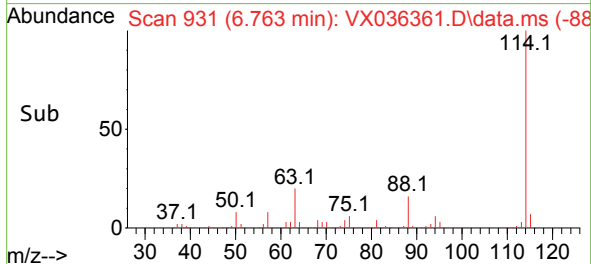
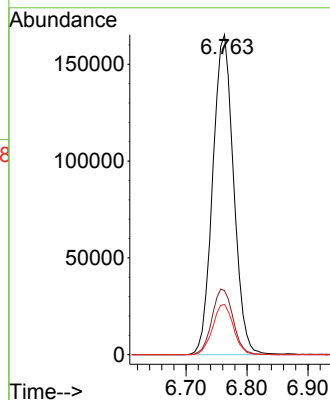
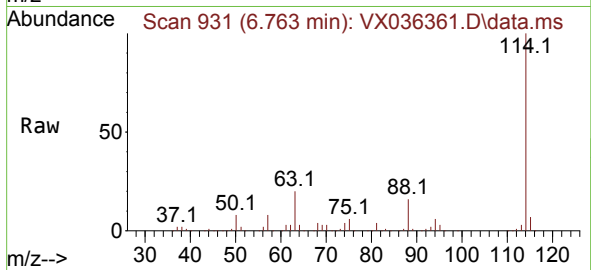
Tgt Ion:114 Resp: 392723

Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 15.7 0.0 36.6



#35

Dibromofluoromethane

Concen: 51.859 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036361.D

Acq: 28 Jun 2023 12:11

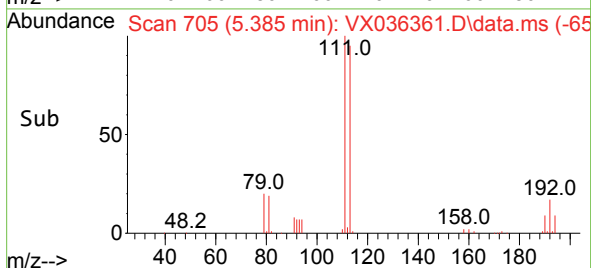
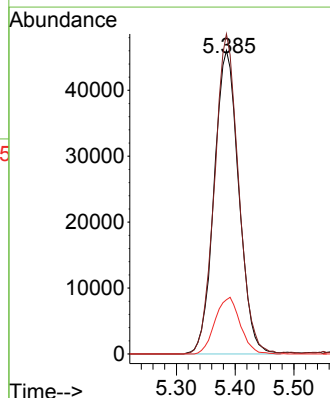
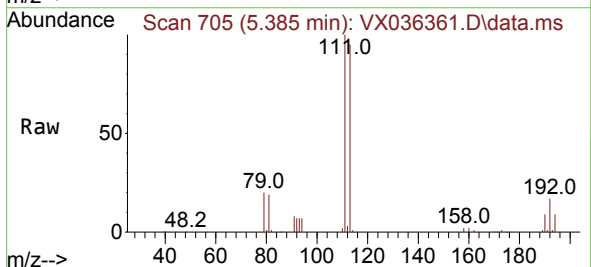
Tgt Ion:113 Resp: 134288

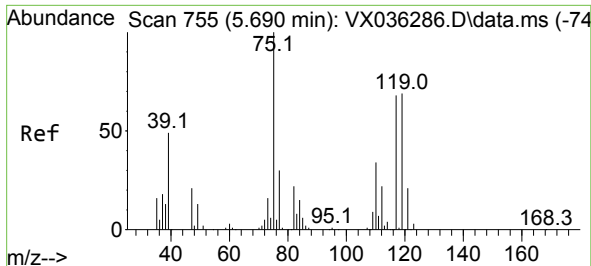
Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 18.9 13.3 19.9

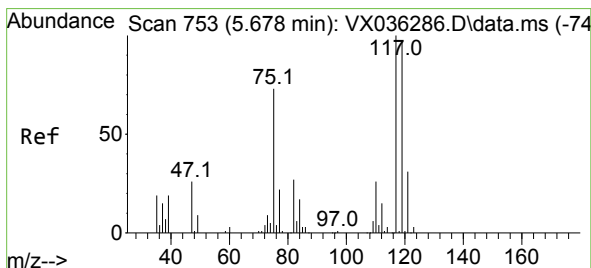
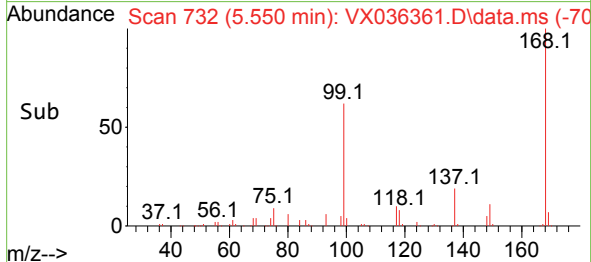
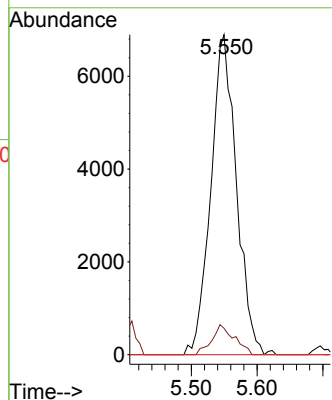
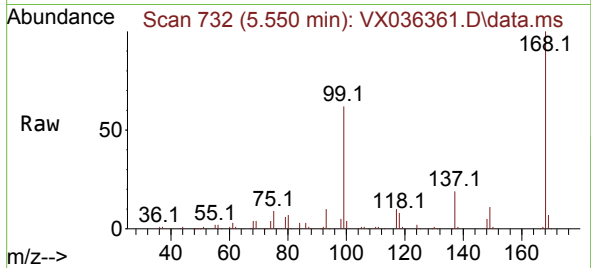




#36
1,1-Dichloropropene
Concen: 4.844 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

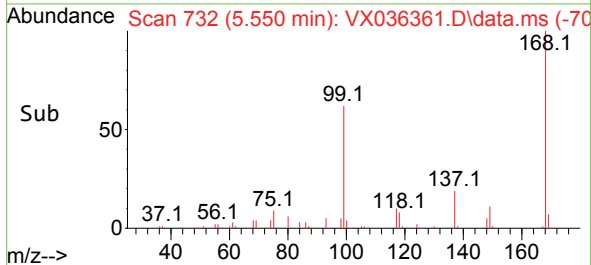
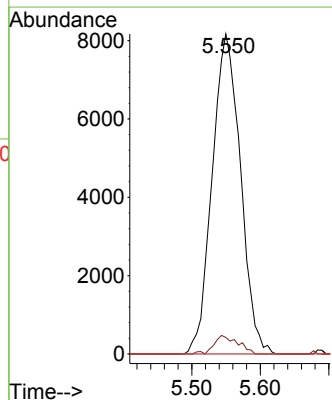
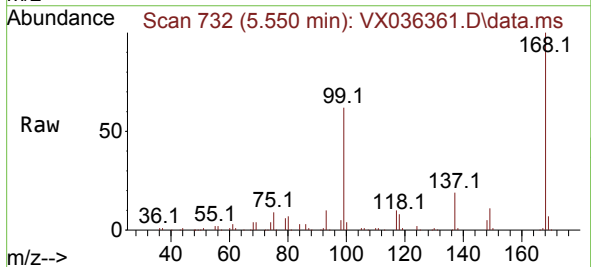
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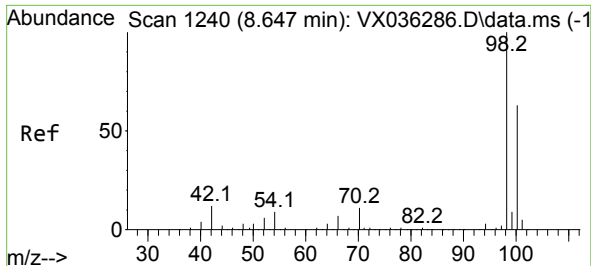
Tgt Ion: 75 Resp: 18697
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.644 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

Tgt Ion: 117 Resp: 23424
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

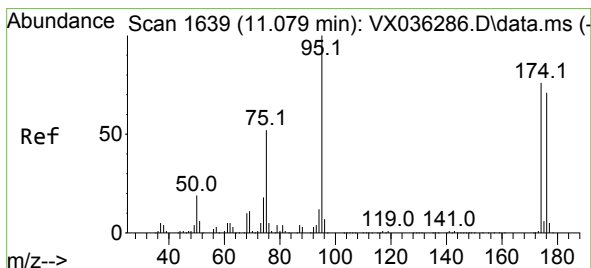
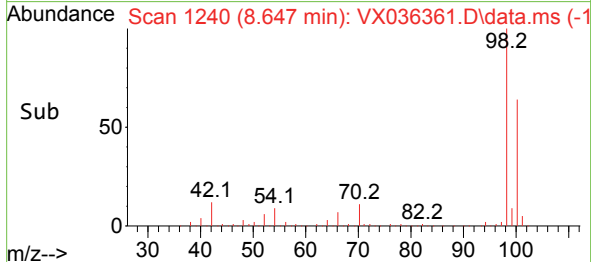
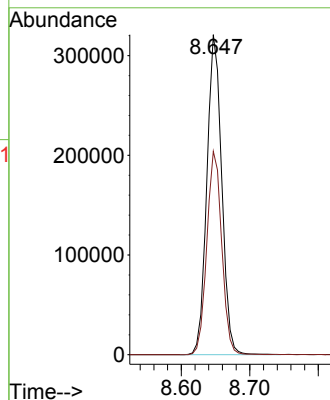
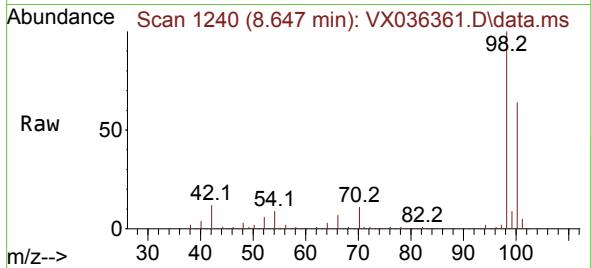




#50
Toluene-d8
Concen: 50.066 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

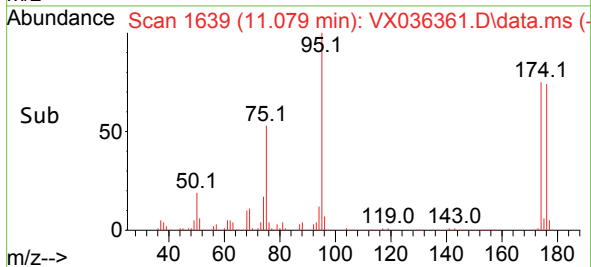
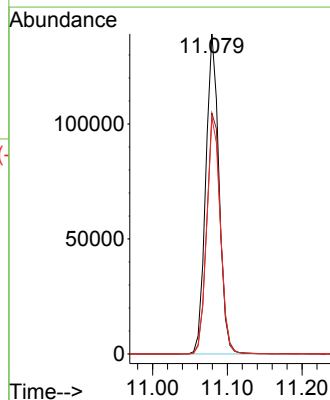
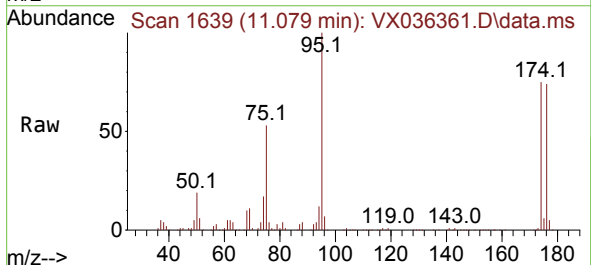
Instrument :
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TB-01-062723

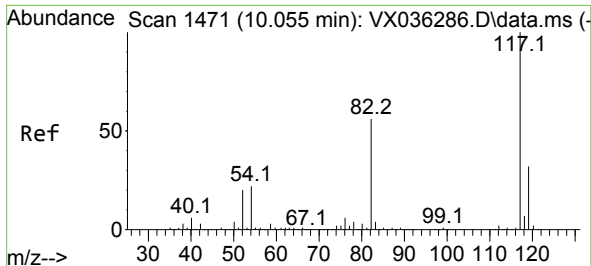
Tgt Ion: 98 Resp: 484232
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

Tgt Ion: 95 Resp: 170898
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 76.1 0.0 131.0

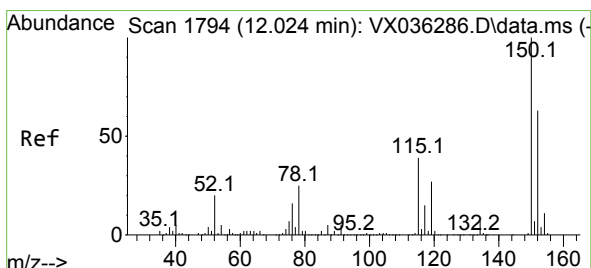
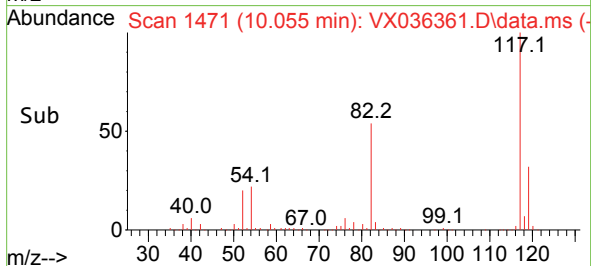
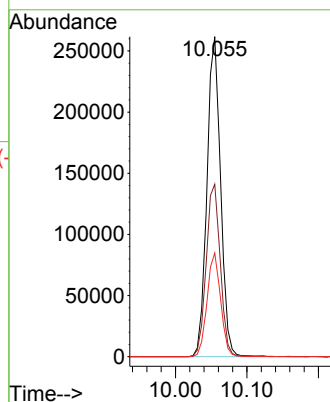
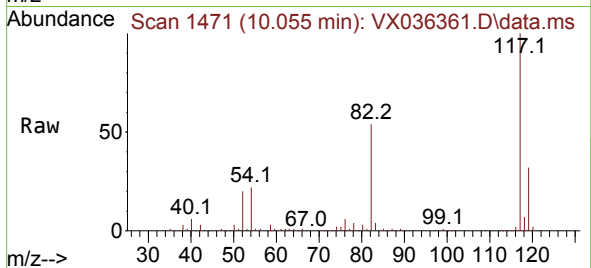




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

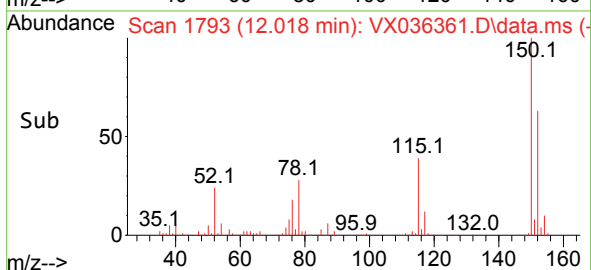
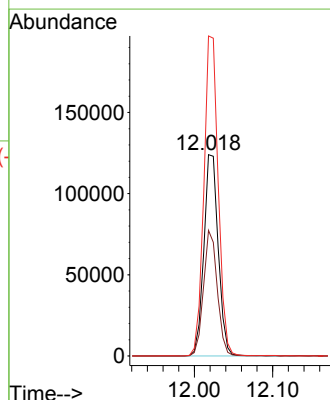
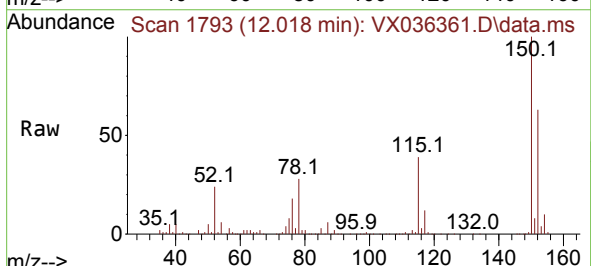
Instrument :
MSVOA_X
ClientSampleId :
TB-01-062723

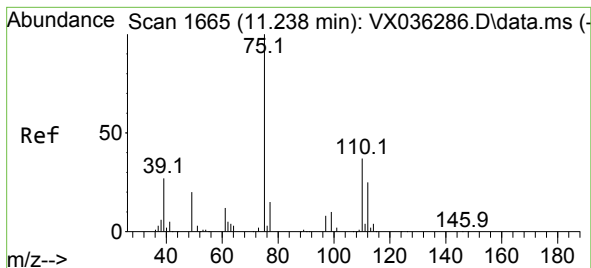
Tgt Ion:117 Resp: 346858
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

Tgt Ion:152 Resp: 158145
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 158.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.719 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036361.D

Acq: 28 Jun 2023 12:11

Instrument :

MSVOA_X

ClientSampleId :

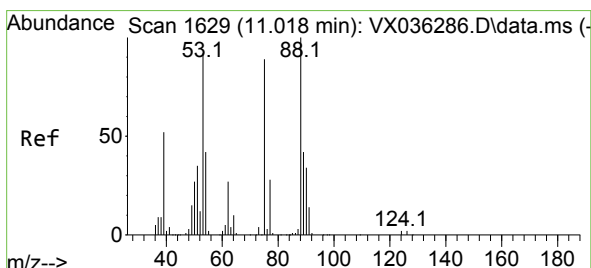
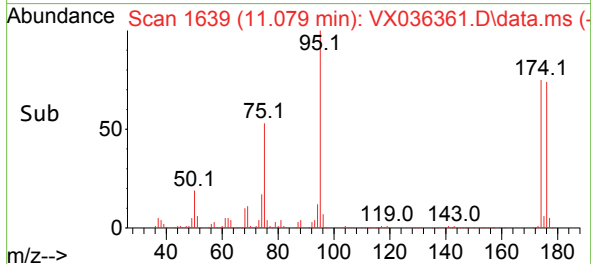
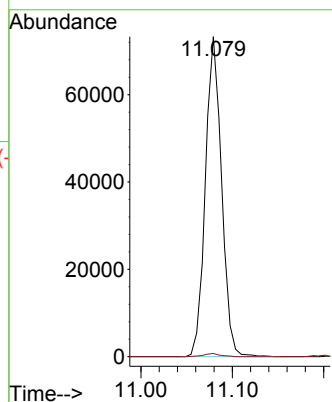
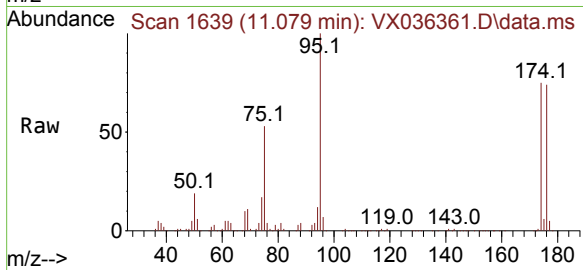
TB-01-062723

Tgt Ion: 75 Resp: 90129

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.096 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036361.D

Acq: 28 Jun 2023 12:11

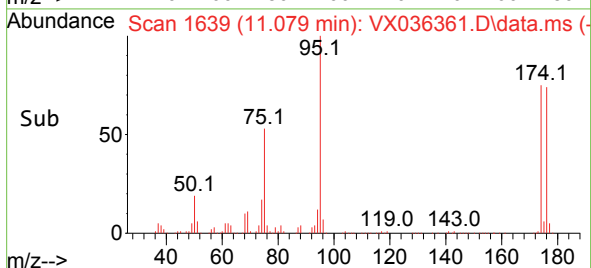
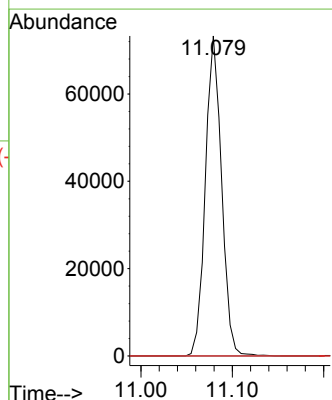
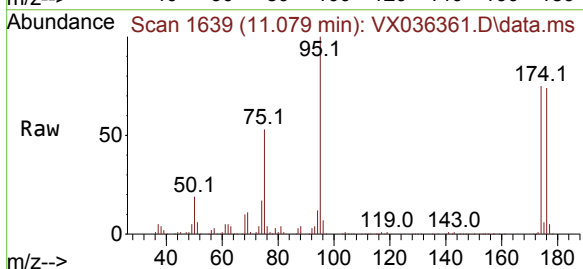
Tgt Ion: 75 Resp: 90129

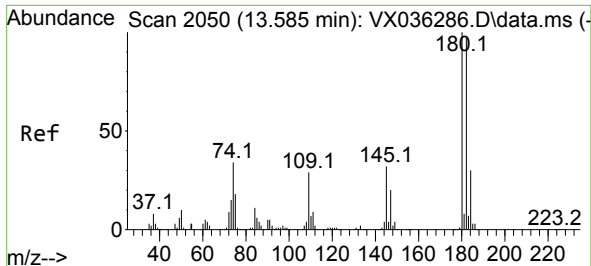
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

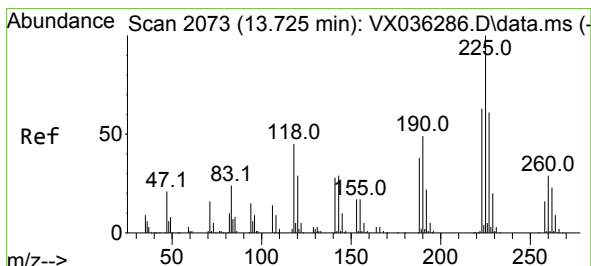
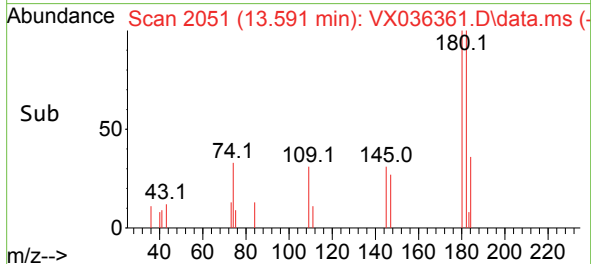
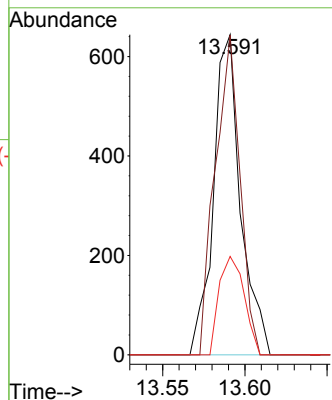
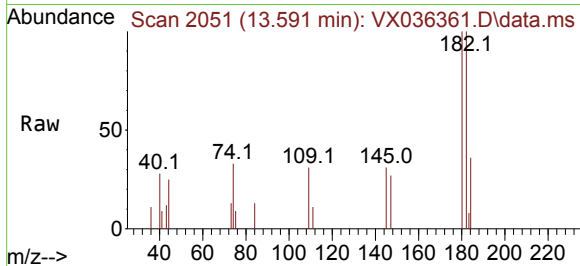




#93
1,2,4-Trichlorobenzene
Concen: 0.226 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

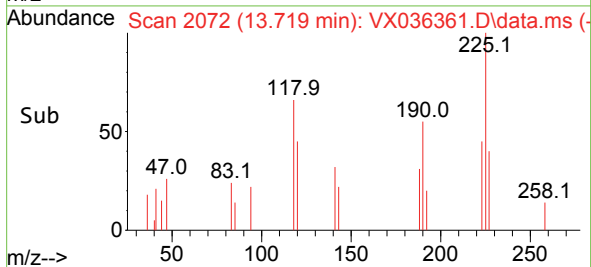
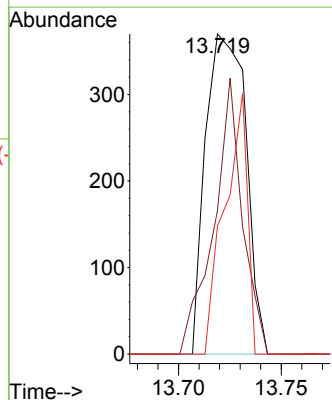
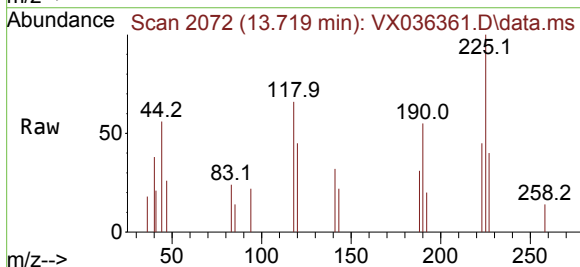
Instrument :
MSVOA_X
ClientSampleId :
TB-01-062723

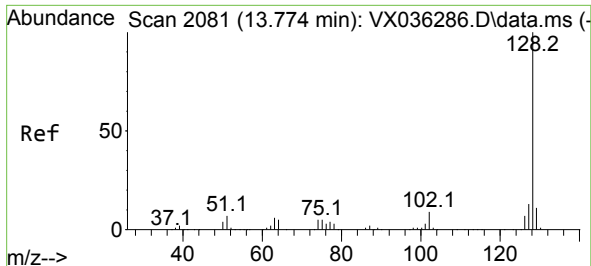
Tgt Ion:180 Resp: 740
Ion Ratio Lower Upper
180 100
182 90.9 48.3 144.8
145 28.4 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.377 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

Tgt Ion:225 Resp: 505
Ion Ratio Lower Upper
225 100
223 61.6 31.1 93.2
227 45.7 32.5 97.5

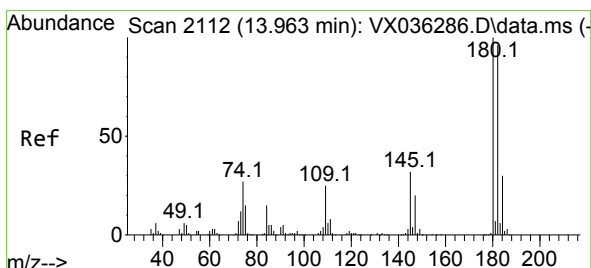
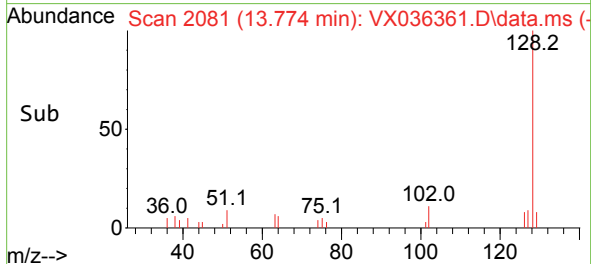
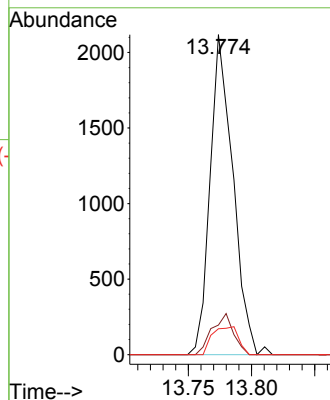
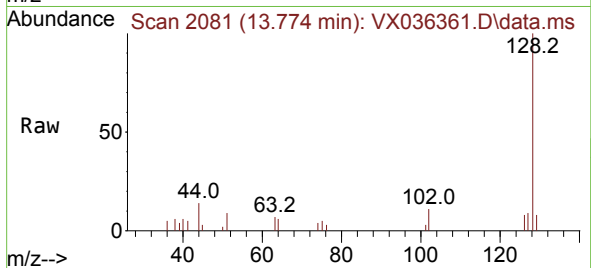




#95
Naphthalene
Concen: 0.246 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

Instrument :
MSVOA_X
ClientSampleId :
TB-01-062723

Tgt Ion:128 Resp: 2658
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 9.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.261 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036361.D
Acq: 28 Jun 2023 12:11

Tgt Ion:180 Resp: 831
Ion Ratio Lower Upper
180 100
182 82.2 46.9 140.6
145 17.6 17.8 53.5#

