

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037973.D
 Acq On : 29 Sep 2023 14:14
 Operator : JC/MD
 Sample : 04656-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-09272023

Quant Time: Sep 29 23:05:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

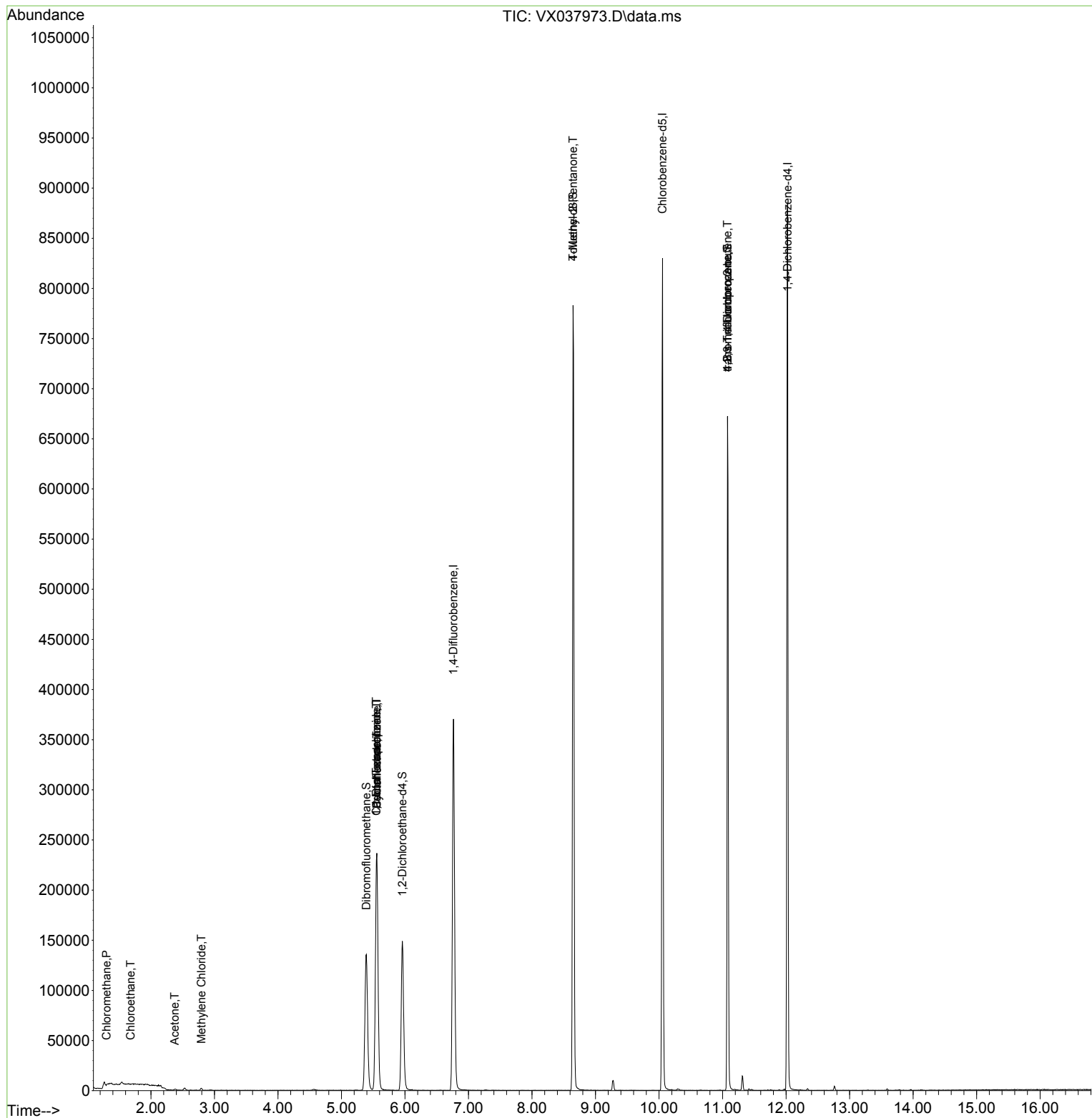
Internal Standards						
1) Pentafluorobenzene	5.556	168	227284	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	386691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142616	47.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.520%
35) Dibromofluoromethane	5.391	113	120769	46.676	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.647	98	468832	48.767	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.540%
62) 4-Bromofluorobenzene	11.079	95	174409	49.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.840%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	532	0.204	ug/l	# 85
6) Chloroethane	1.679	64	1124	0.580	ug/l	# 43
16) Acetone	2.374	43	1097	0.764	ug/l	94
20) Methylene Chloride	2.794	84	938	0.328	ug/l	# 66
31) Cyclohexane	5.556	56	4854	1.266	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	17824	5.001	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	23210	6.224	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1926	0.485	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	88985	19.901	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	88985	63.752	ug/l	# 5

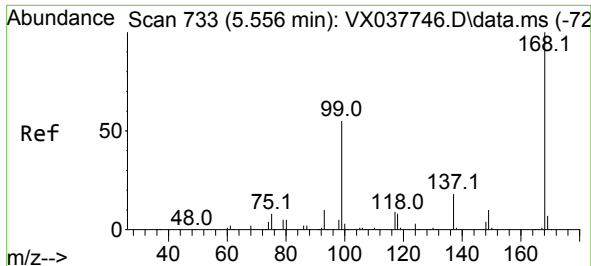
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

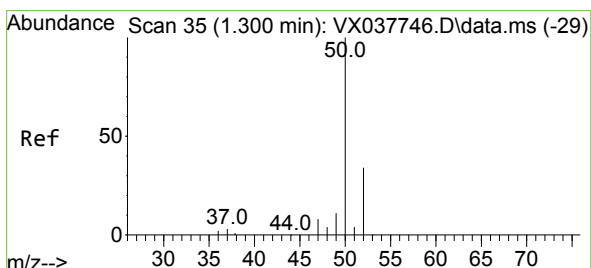
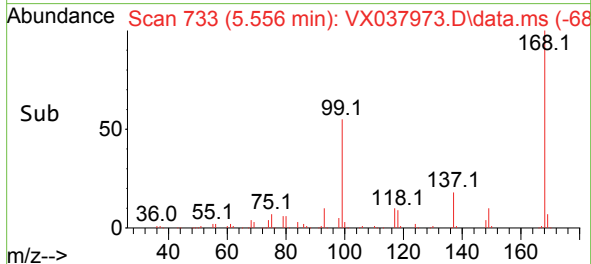
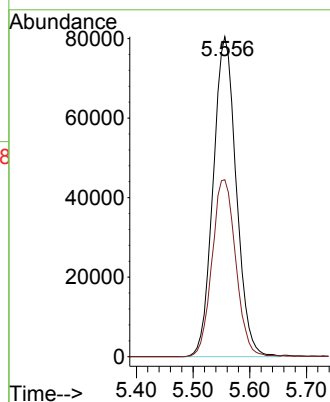
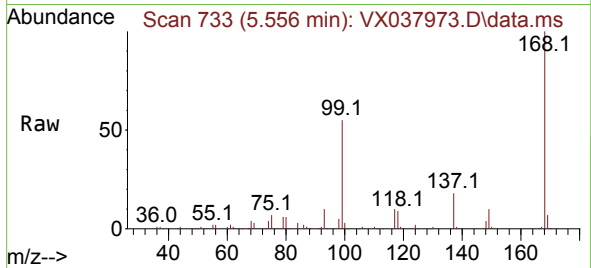




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

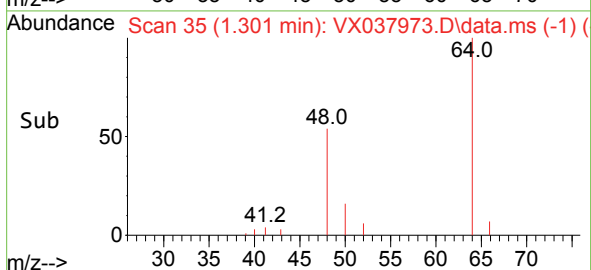
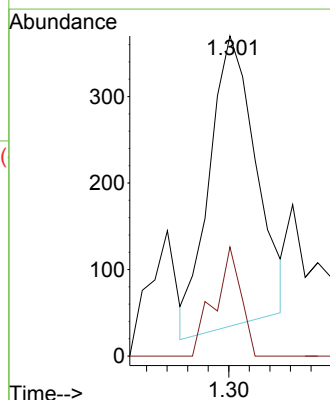
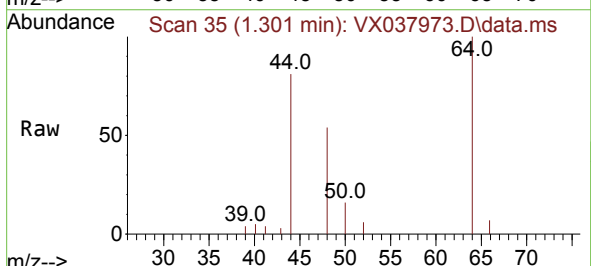
Instrument :
MSVOA_X
ClientSampleId :
TB-09272023

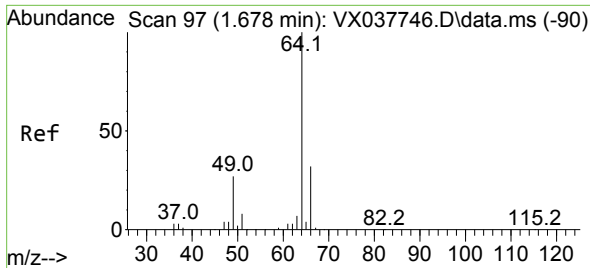
Tgt Ion:168 Resp: 227284
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

Tgt Ion: 50 Resp: 532
Ion Ratio Lower Upper
50 100
52 40.3 25.5 38.3#

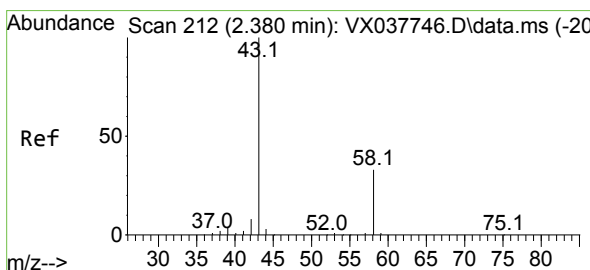
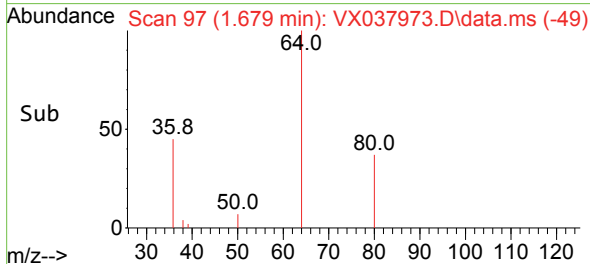
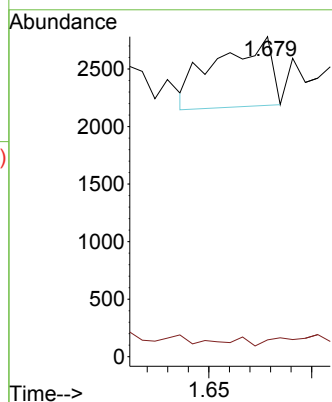
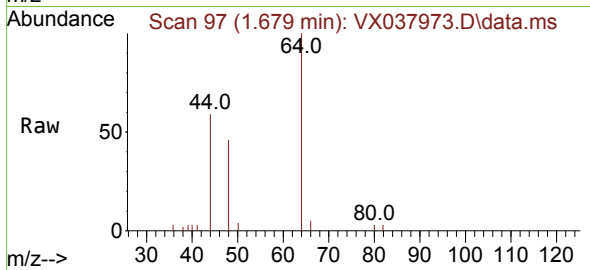




#6
Chloroethane
Concen: 0.580 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

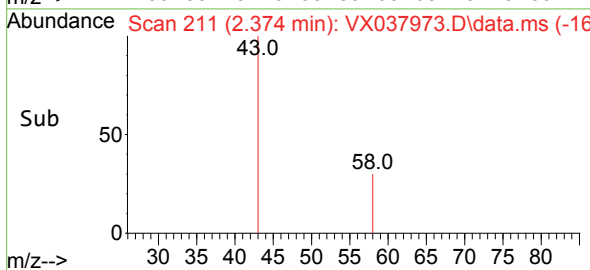
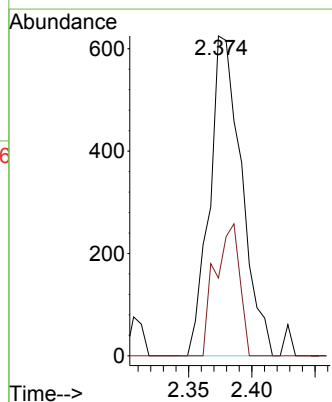
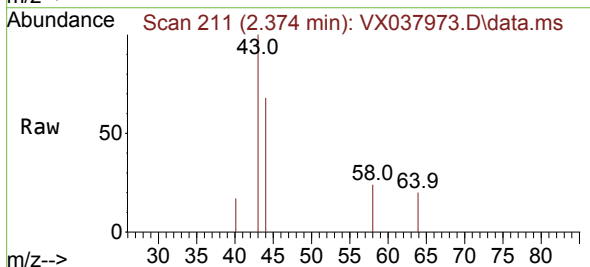
Instrument :
MSVOA_X
ClientSampleId :
TB-09272023

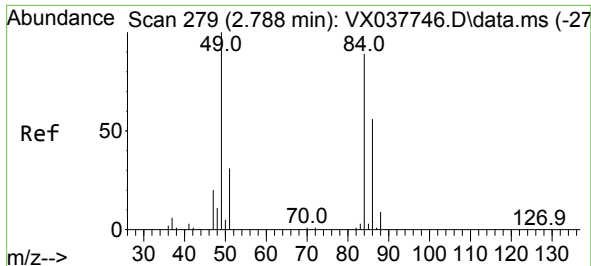
Tgt Ion: 64 Resp: 1124
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 0.764 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

Tgt Ion: 43 Resp: 1097
Ion Ratio Lower Upper
43 100
58 24.3 21.9 32.9

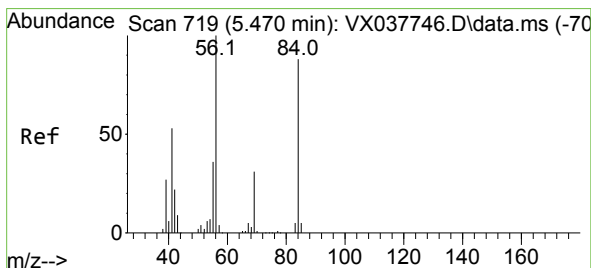
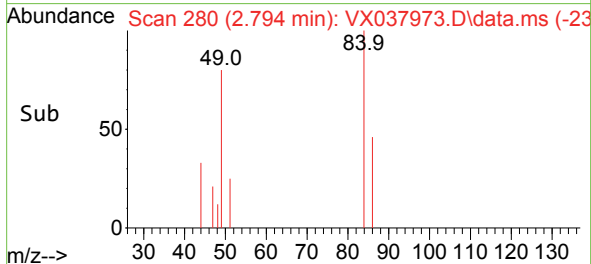
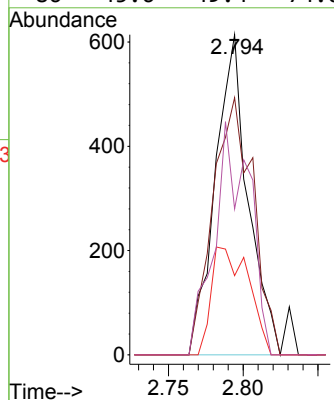
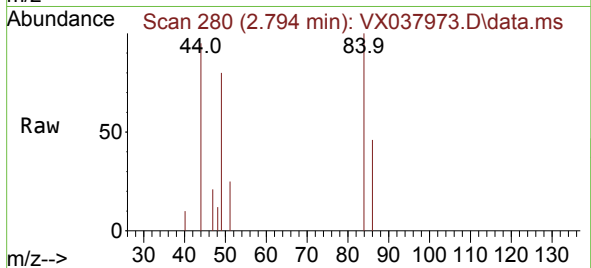




#20
Methylene Chloride
Concen: 0.328 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

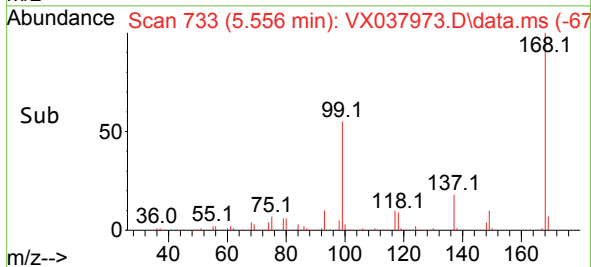
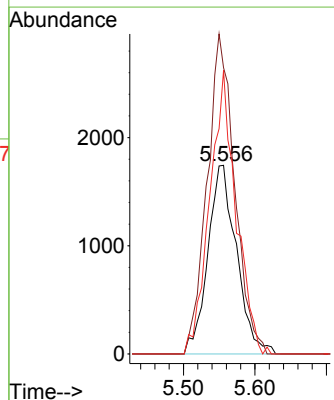
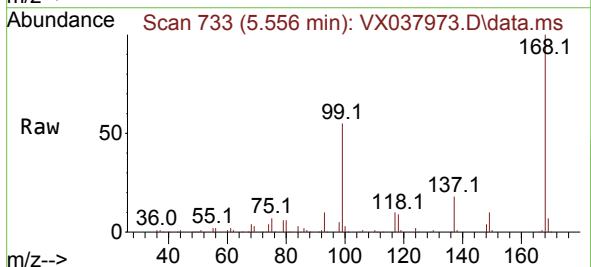
Instrument :
MSVOA_X
ClientSampleId :
TB-09272023

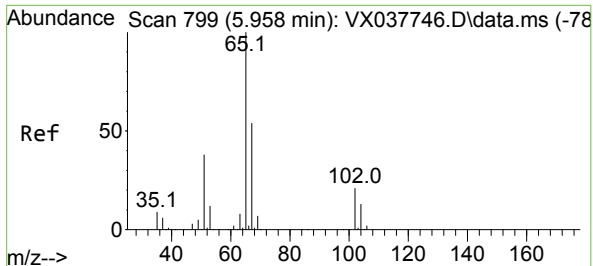
Tgt Ion:	84	Resp:	938
Ion	Ratio	Lower	Upper
84	100		
49	80.3	103.6	155.4#
51	24.8	33.8	50.6#
86	45.6	49.4	74.0#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

Tgt Ion:	56	Resp:	4854
Ion	Ratio	Lower	Upper
56	100		
69	151.8	23.4	35.2#
84	150.4	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.759 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037973.D

Acq: 29 Sep 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

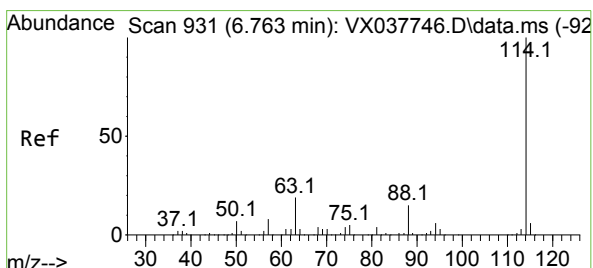
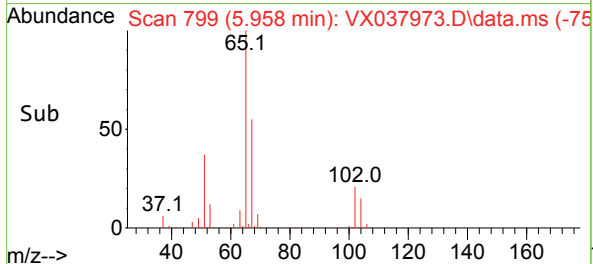
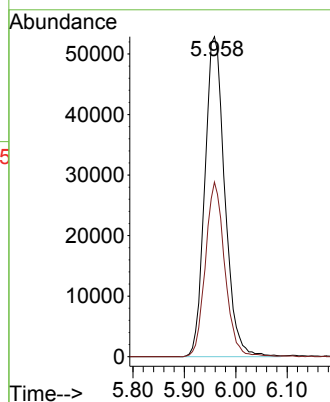
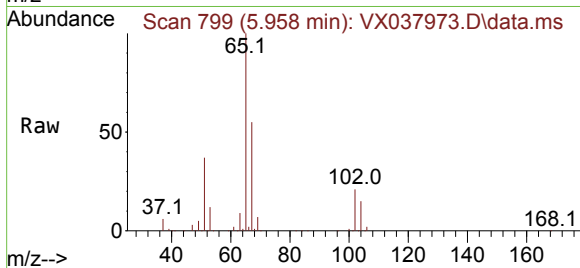
TB-09272023

Tgt Ion: 65 Resp: 142616

Ion Ratio Lower Upper

65 100

67 52.9 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: VX037973.D

Acq: 29 Sep 2023 14:14

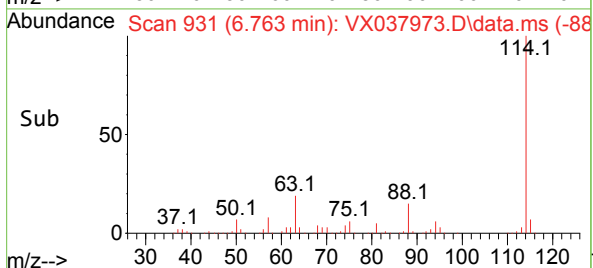
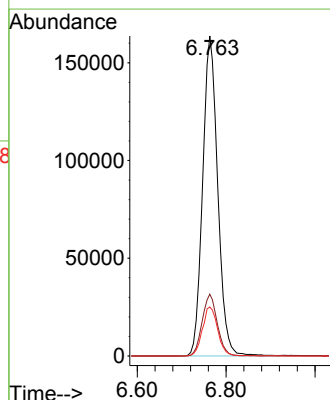
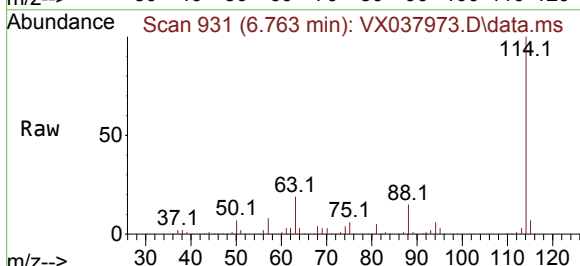
Tgt Ion:114 Resp: 386691

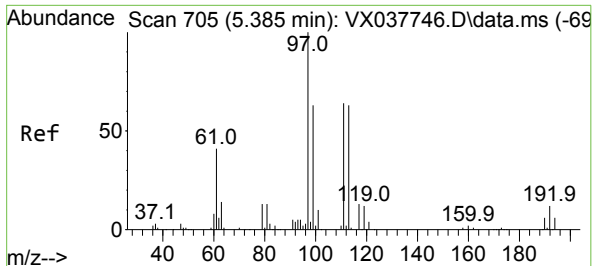
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.676 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037973.D

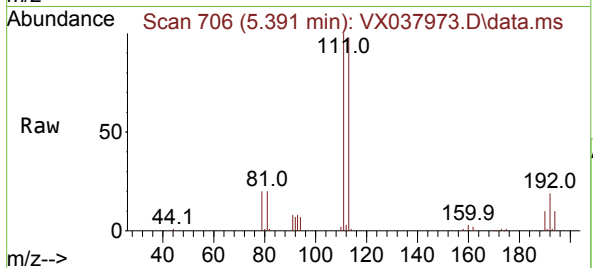
Acq: 29 Sep 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

TB-09272023



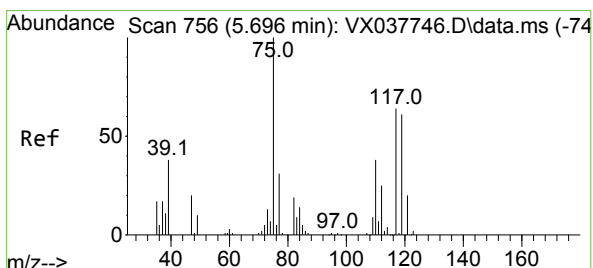
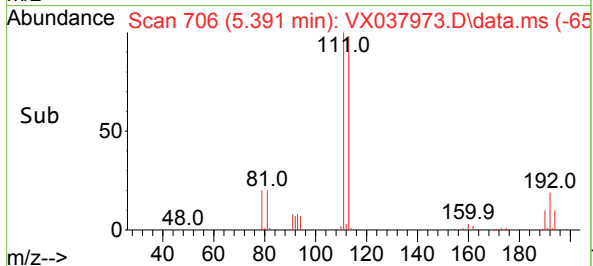
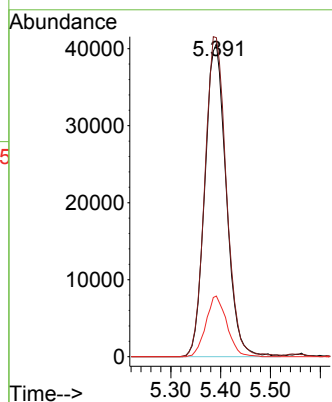
Tgt Ion:113 Resp: 120769

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 19.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.001 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX037973.D

Acq: 29 Sep 2023 14:14

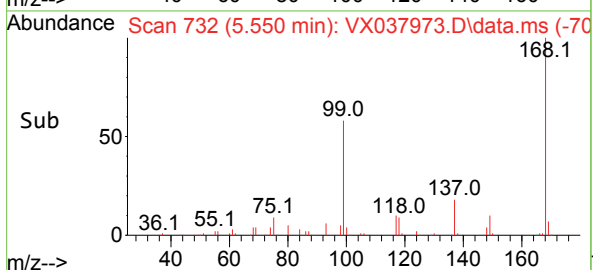
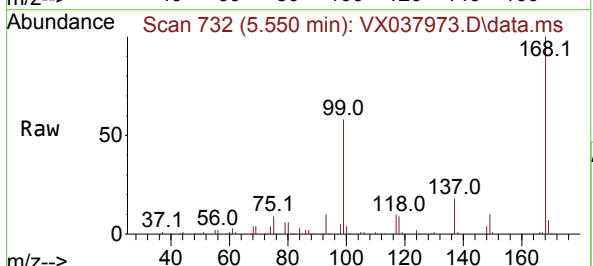
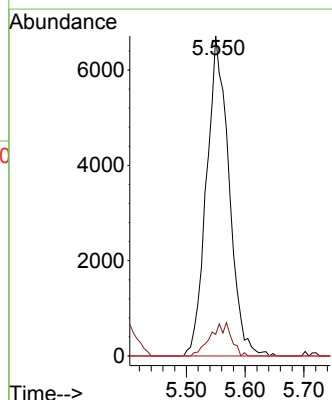
Tgt Ion: 75 Resp: 17824

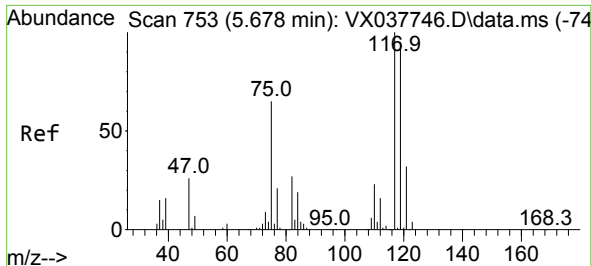
Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

77 0.0 24.7 37.1#

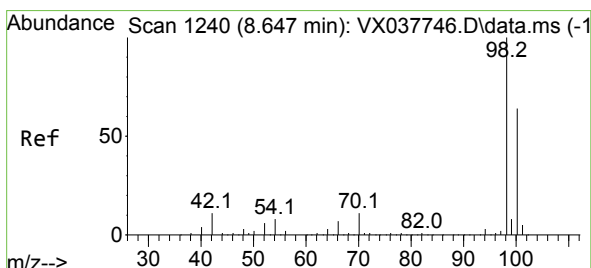
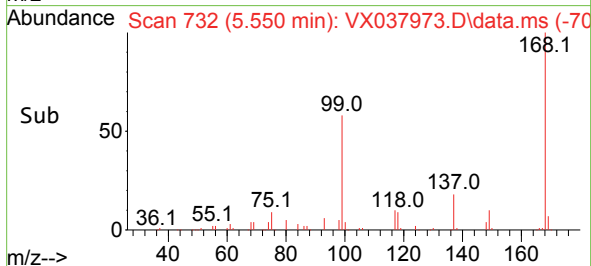
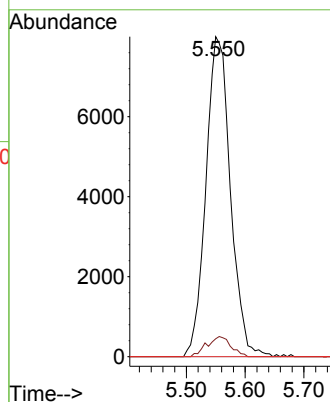
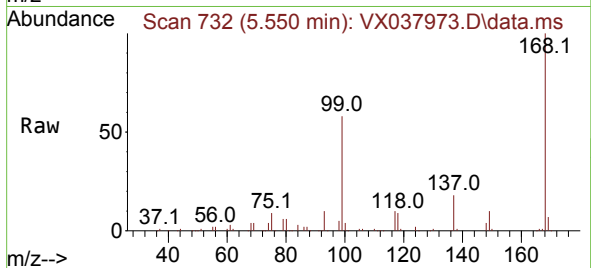




#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

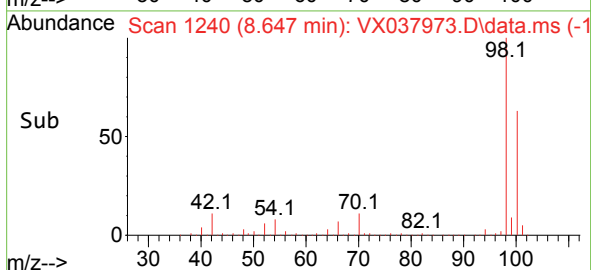
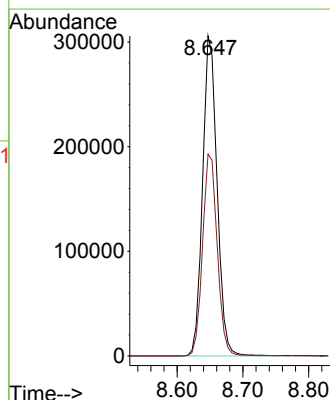
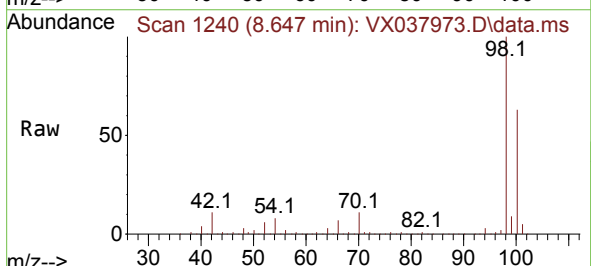
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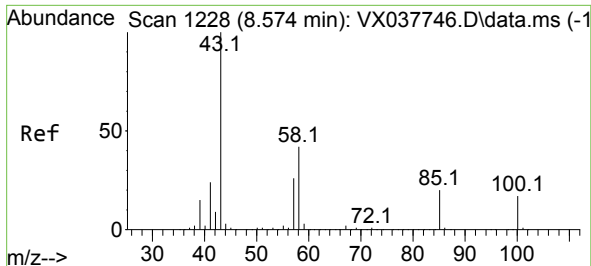
Tgt Ion:117 Resp: 23210
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.767 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

Tgt Ion: 98 Resp: 468832
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

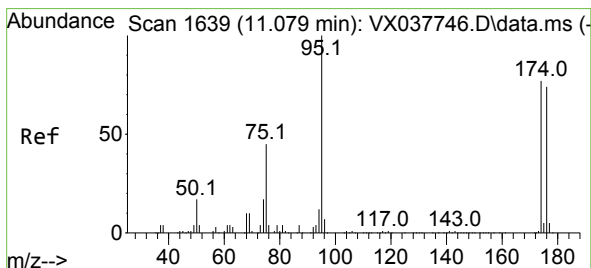
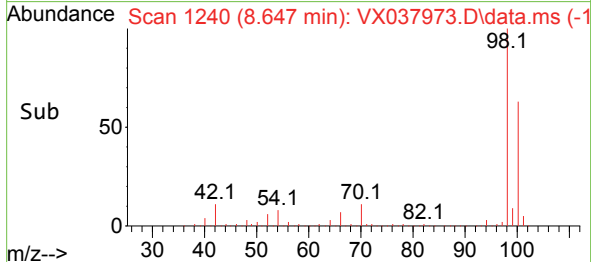
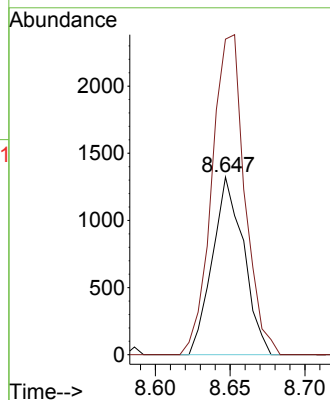
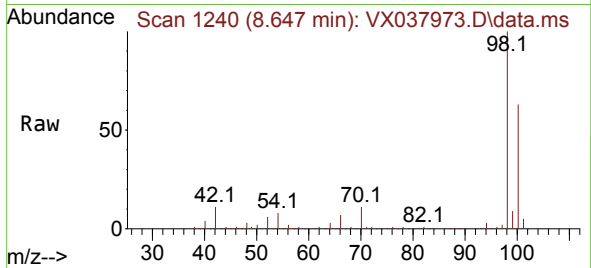




#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

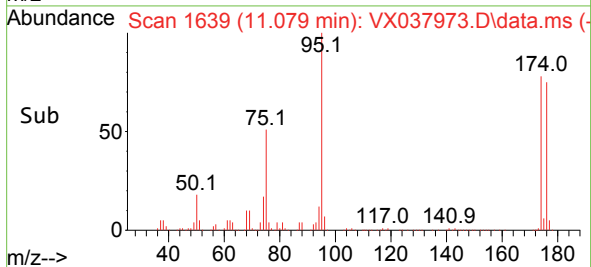
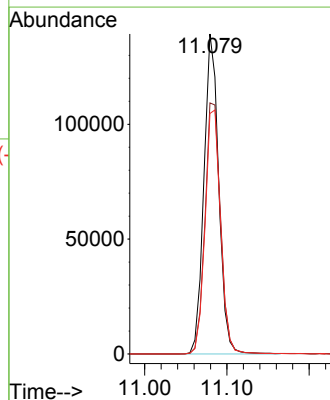
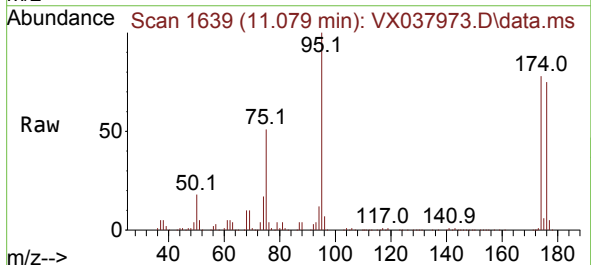
Instrument :
MSVOA_X
ClientSampleId :
TB-09272023

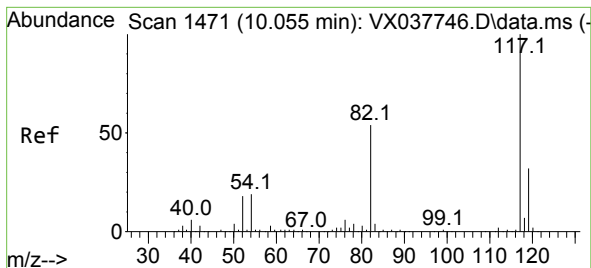
Tgt Ion: 43 Resp: 1926
Ion Ratio Lower Upper
43 100
58 189.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

Tgt Ion: 95 Resp: 174409
Ion Ratio Lower Upper
95 100
174 83.0 0.0 135.6
176 80.3 0.0 131.0

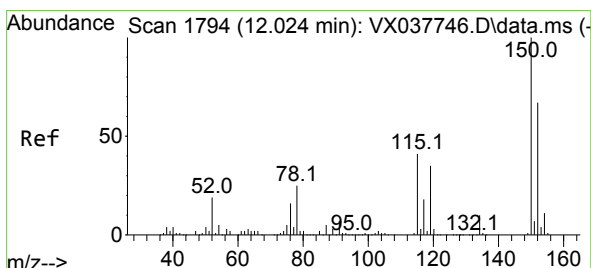
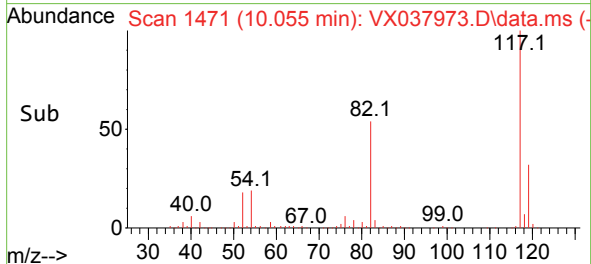
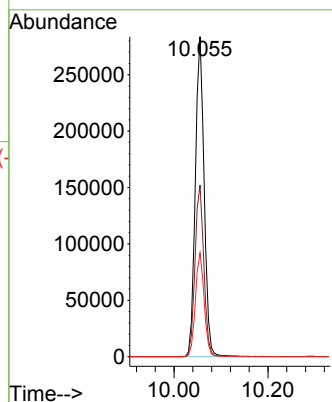
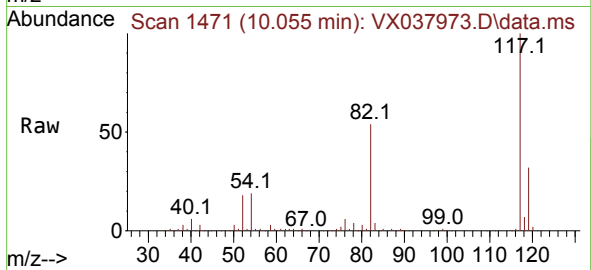




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

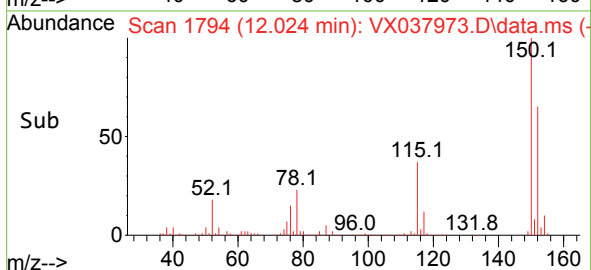
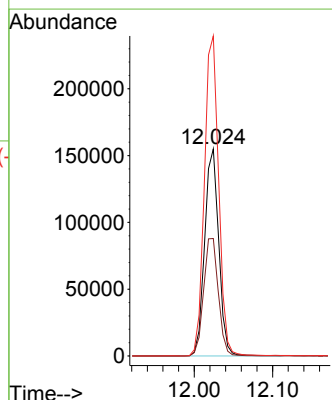
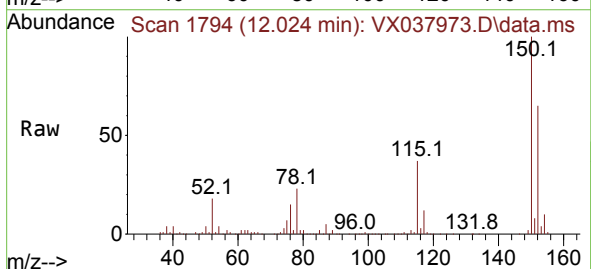
Instrument :
MSVOA_X
ClientSampleId :
TB-09272023

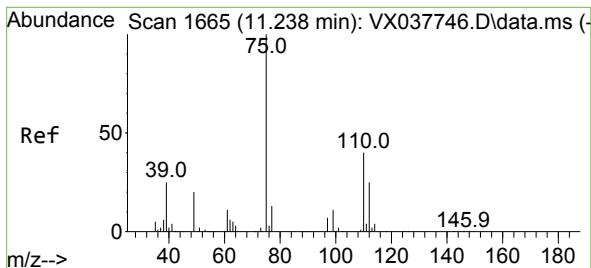
Tgt Ion:117 Resp: 373534
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037973.D
Acq: 29 Sep 2023 14:14

Tgt Ion:152 Resp: 193319
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.901 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037973.D

Acq: 29 Sep 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

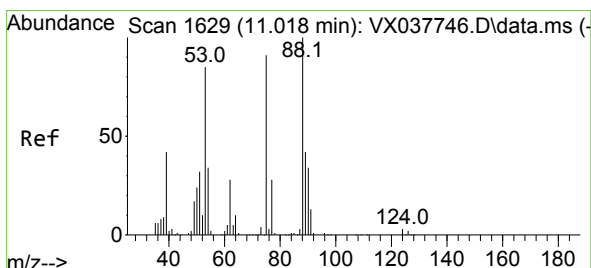
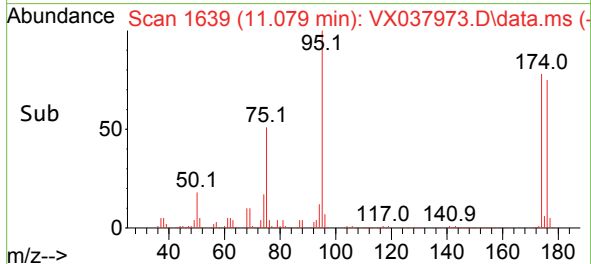
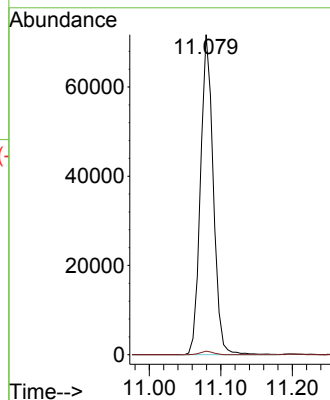
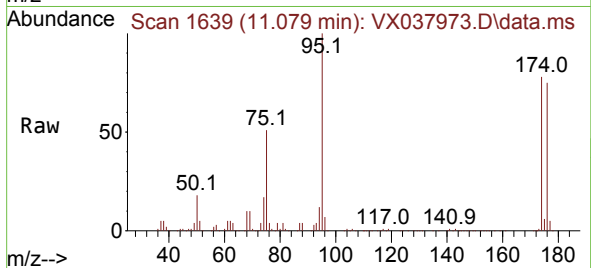
TB-09272023

Tgt Ion: 75 Resp: 88985

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.752 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037973.D

Acq: 29 Sep 2023 14:14

Tgt Ion: 75 Resp: 88985

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

