

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037975.D
 Acq On : 29 Sep 2023 15:00
 Operator : JC/MD
 Sample : 04656-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-09282023

Quant Time: Sep 29 23:05:47 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	224265	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	380730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194252	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138880	47.134	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.260%
35) Dibromofluoromethane	5.385	113	117507	46.127	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.647	98	461046	48.708	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.079	95	174009	50.590	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.180%

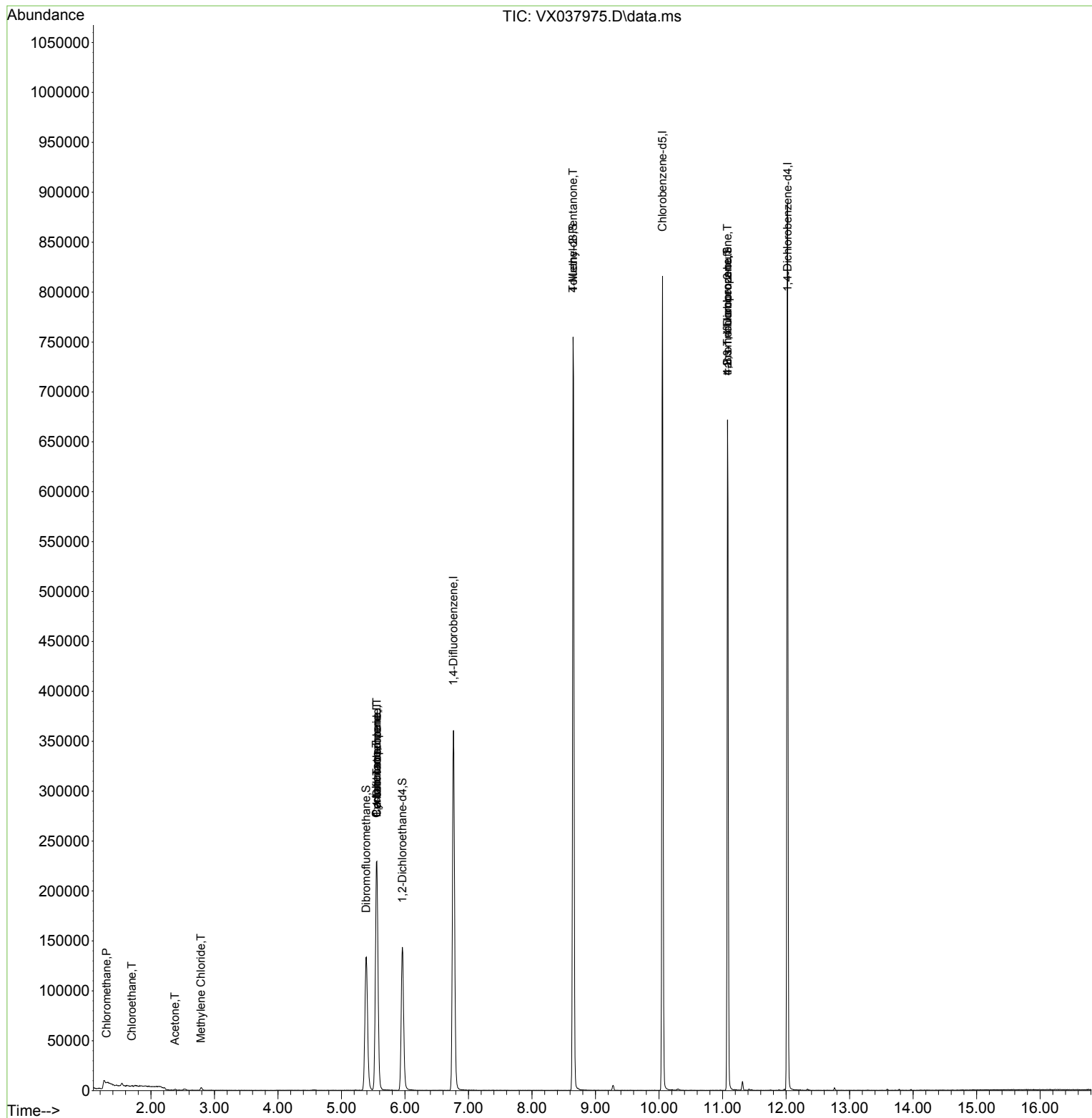
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	914	0.355	ug/l	# 85
6) Chloroethane	1.697	64	886	0.464	ug/l	# 43
16) Acetone	2.380	43	945	0.667	ug/l	# 70
20) Methylene Chloride	2.788	84	1401	0.510	ug/l	# 77
31) Cyclohexane	5.550	56	4807	1.271	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	16591	4.728	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	22615	6.159	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1803	0.461	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	87177	19.403	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	87177	62.156	ug/l	# 5

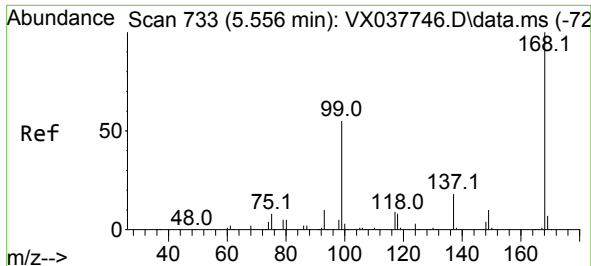
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 29 23:05:47 2023
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Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

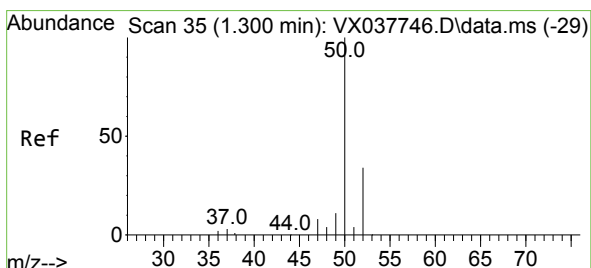
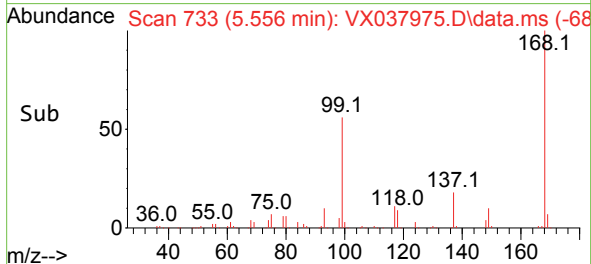
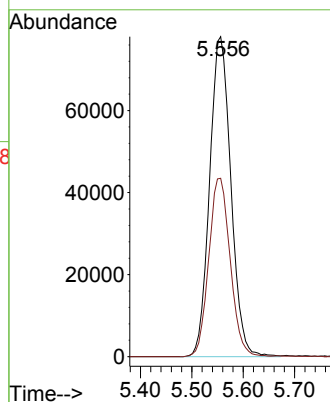
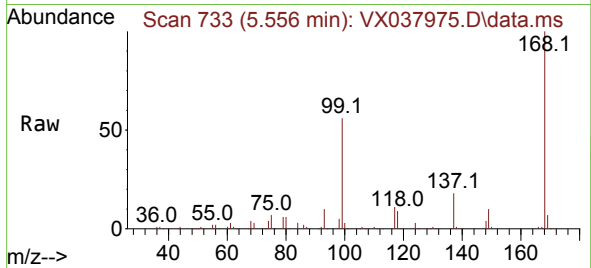




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

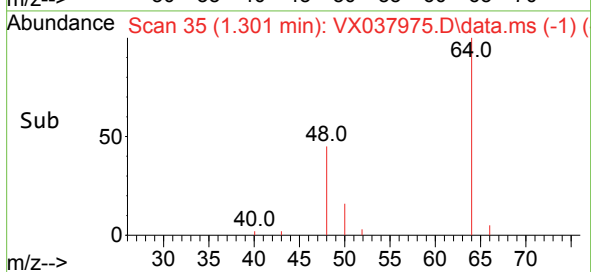
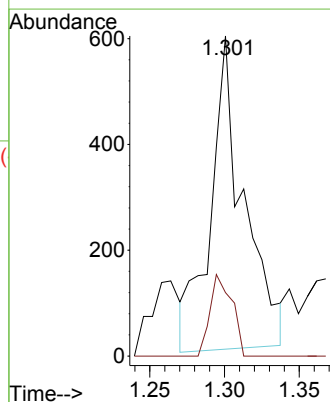
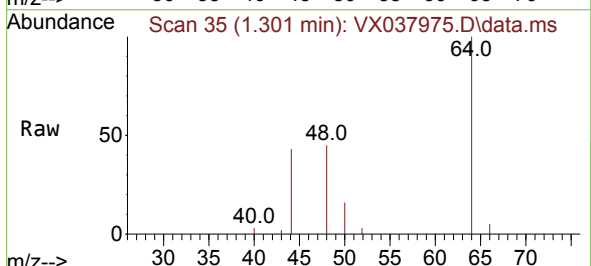
Instrument :
MSVOA_X
ClientSampleId :
TB-09282023

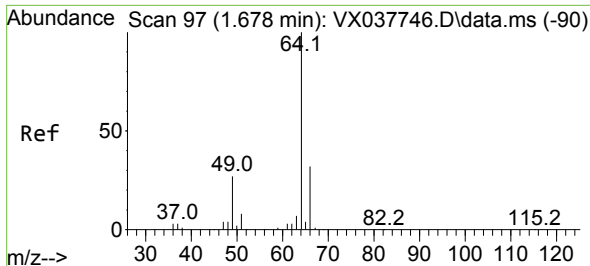
Tgt Ion:168 Resp: 224265
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#3
Chloromethane
Concen: 0.355 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

Tgt Ion: 50 Resp: 914
Ion Ratio Lower Upper
50 100
52 23.8 25.5 38.3#

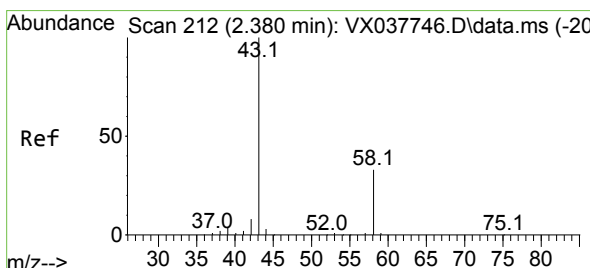
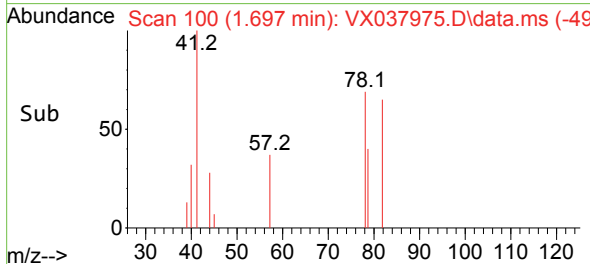
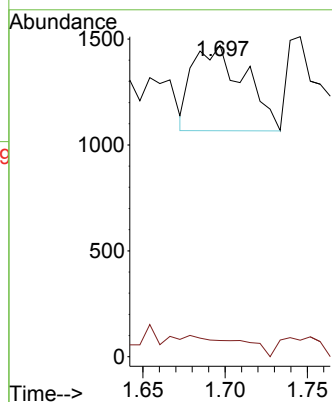
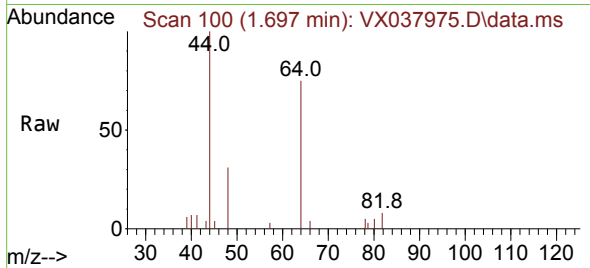




#6
Chloroethane
Concen: 0.464 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

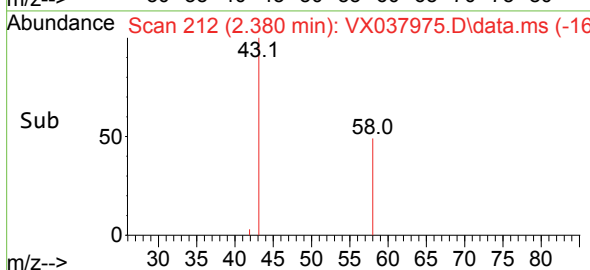
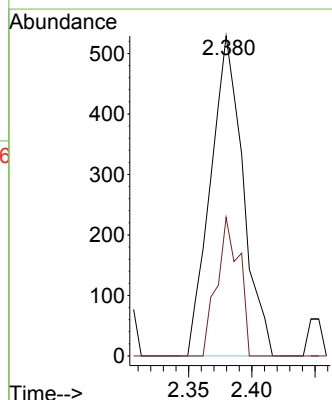
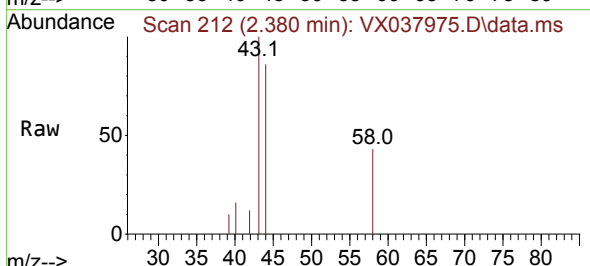
Instrument :
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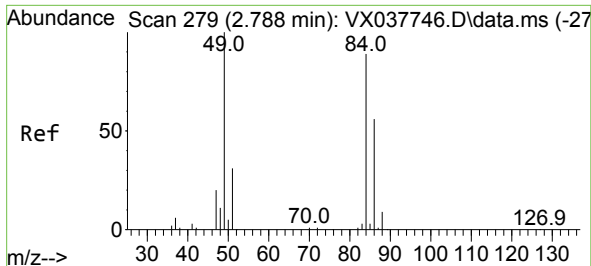
Tgt Ion: 64 Resp: 886
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 0.667 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 43.3 21.9 32.9#





#20

Methylene Chloride

Concen: 0.510 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037975.D

Acq: 29 Sep 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

TB-09282023

Tgt Ion: 84 Resp: 1401

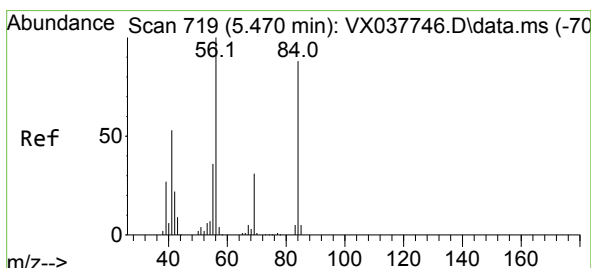
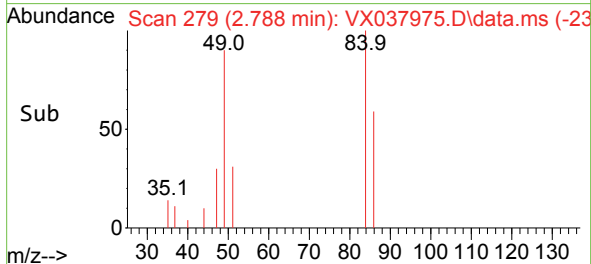
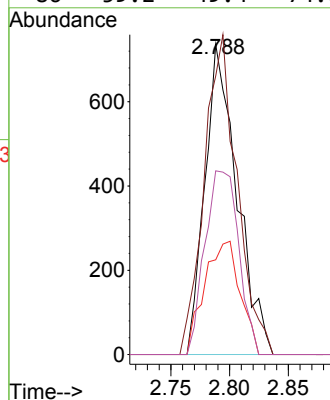
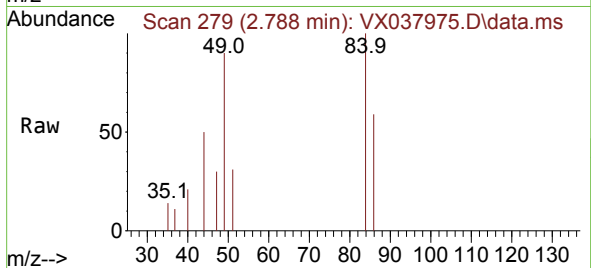
Ion Ratio Lower Upper

84 100

49 89.8 103.6 155.4#

51 30.6 33.8 50.6#

86 59.2 49.4 74.0



#31

Cyclohexane

Concen: 1.271 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037975.D

Acq: 29 Sep 2023 15:00

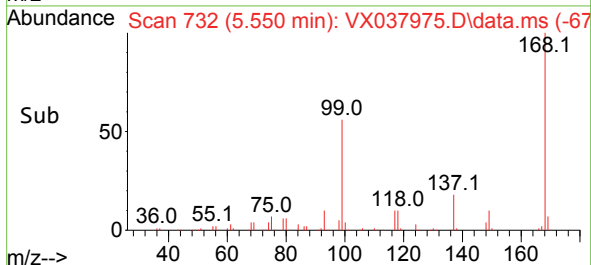
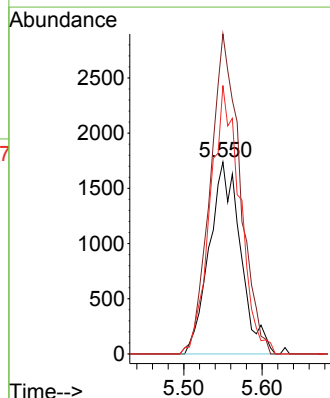
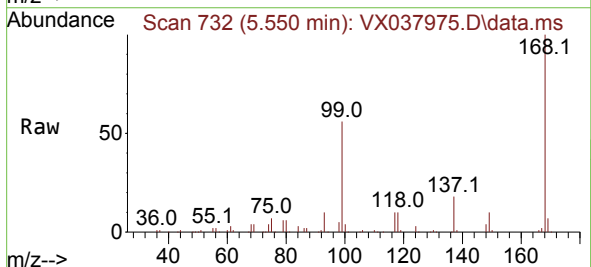
Tgt Ion: 56 Resp: 4807

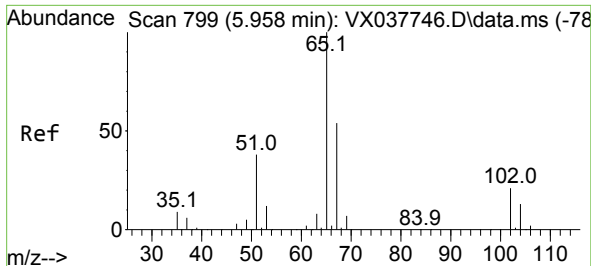
Ion Ratio Lower Upper

56 100

69 166.7 23.4 35.2#

84 139.9 65.9 98.9#

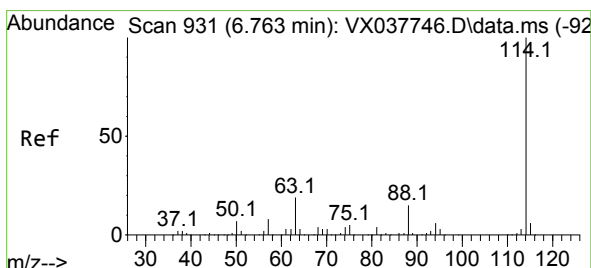
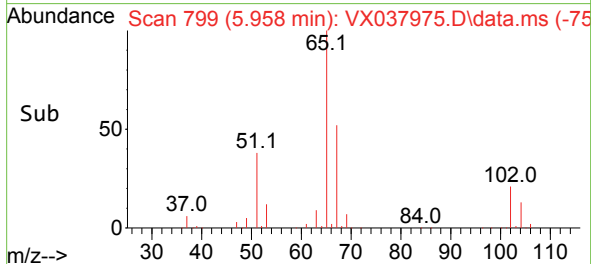
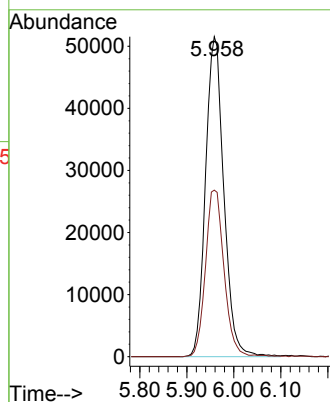
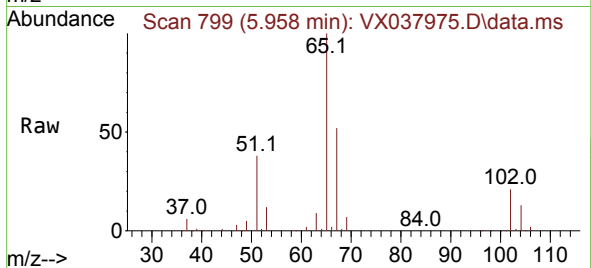




#33
 1,2-Dichloroethane-d4
 Concen: 47.134 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037975.D
 Acq: 29 Sep 2023 15:00

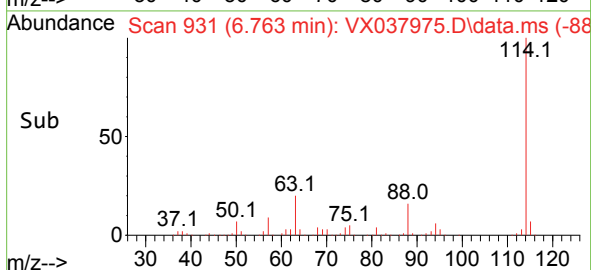
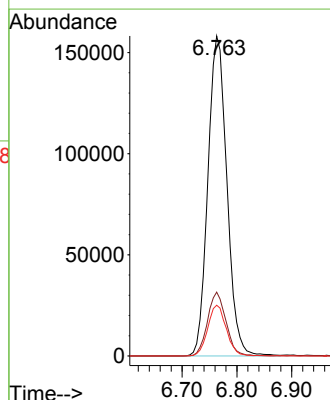
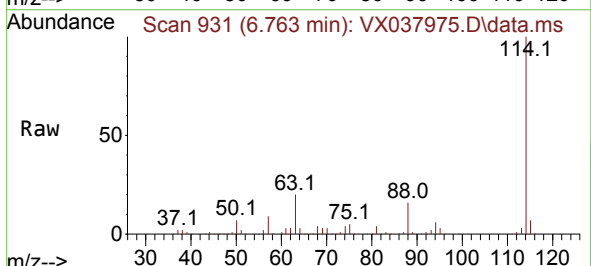
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-09282023

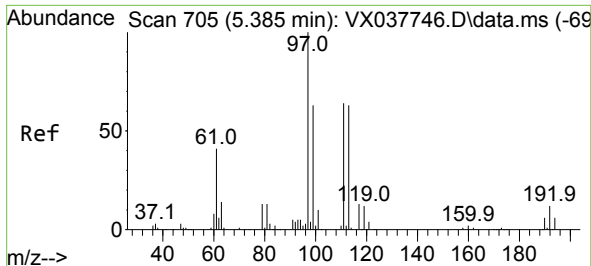
Tgt Ion: 65 Resp: 138880
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037975.D
 Acq: 29 Sep 2023 15:00

Tgt Ion: 114 Resp: 380730
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 45.0
 88 15.9 0.0 36.6

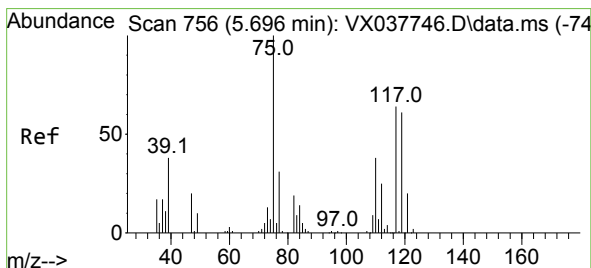
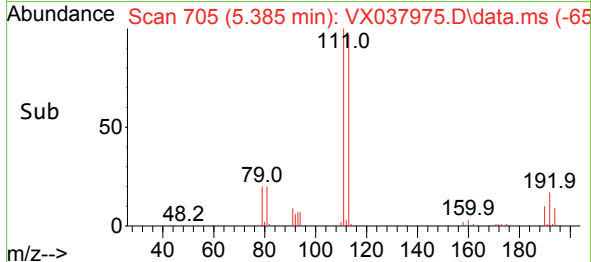
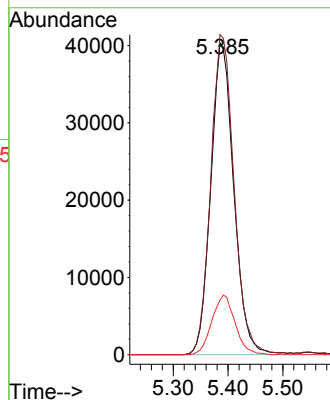
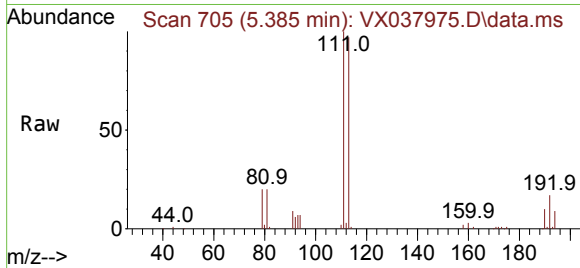




#35
 Dibromofluoromethane
 Concen: 46.127 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX037975.D
 Acq: 29 Sep 2023 15:00

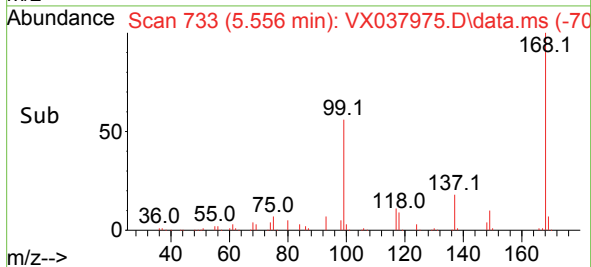
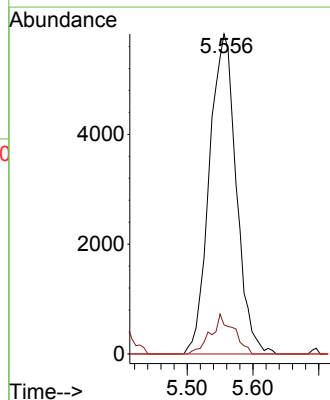
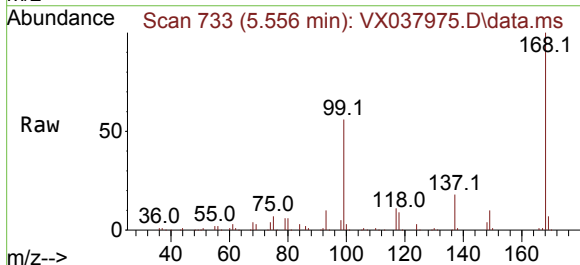
Instrument :
 MSVOA_X
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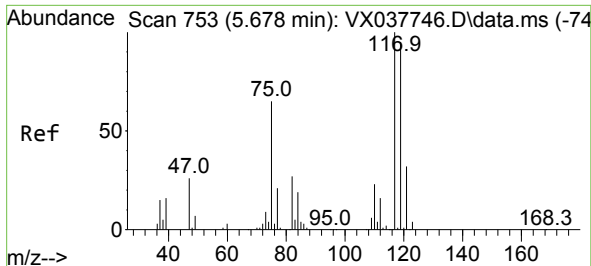
Tgt Ion:113 Resp: 117507
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.9 124.3
 192 19.3 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.728 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX037975.D
 Acq: 29 Sep 2023 15:00

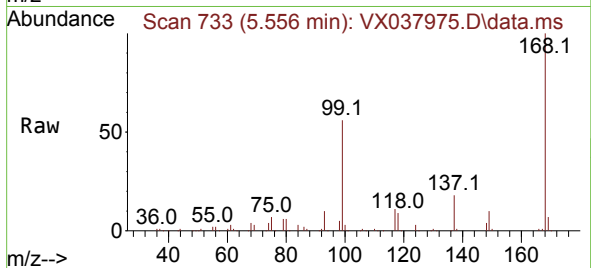
Tgt Ion: 75 Resp: 16591
 Ion Ratio Lower Upper
 75 100
 110 10.6 17.0 50.9#
 77 0.0 24.7 37.1#



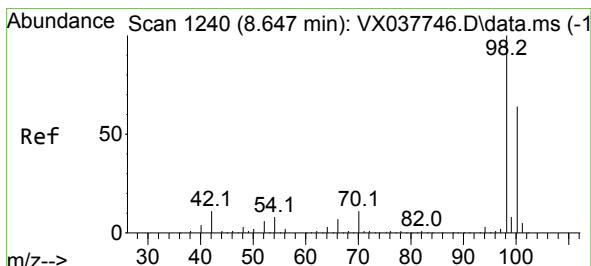
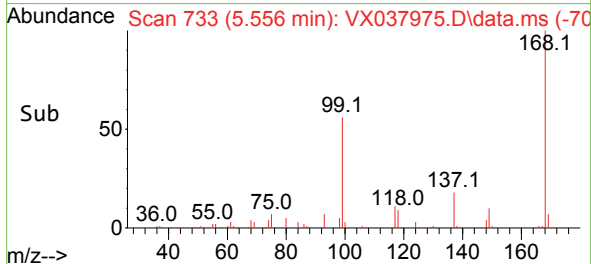
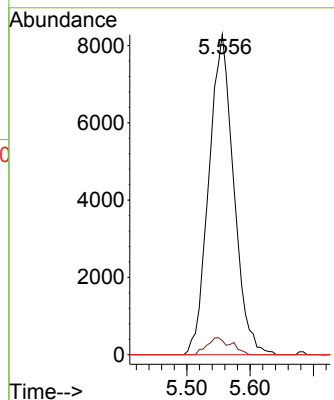


#38
Carbon Tetrachloride
Concen: 6.159 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
TB-09282023

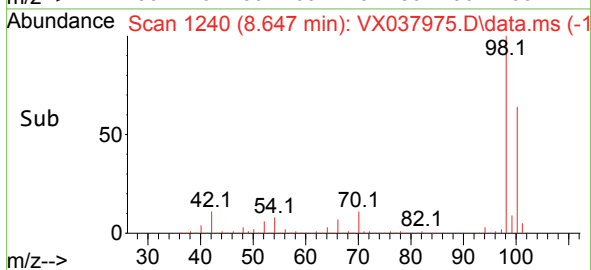
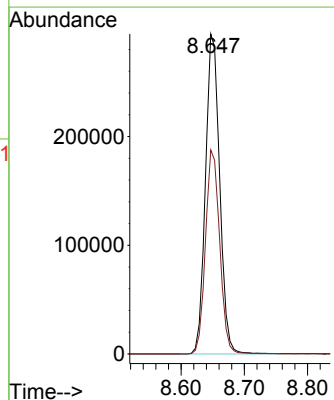
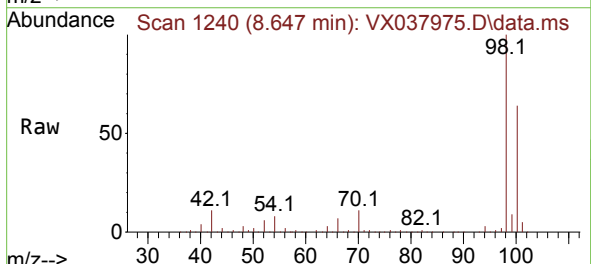


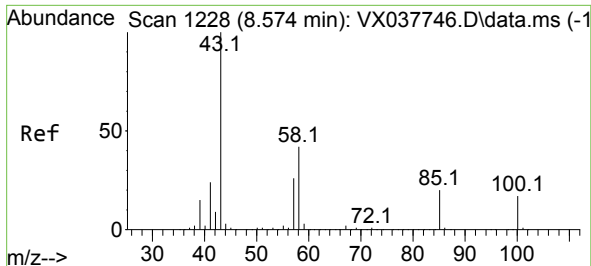
Tgt Ion:117 Resp: 22615
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.708 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

Tgt Ion: 98 Resp: 461046
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

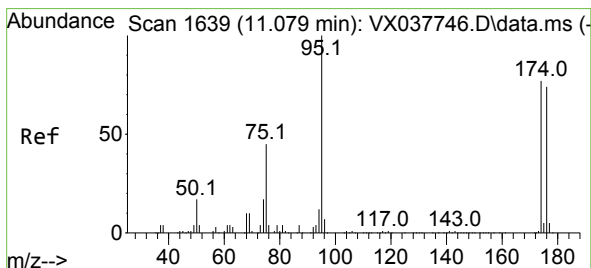
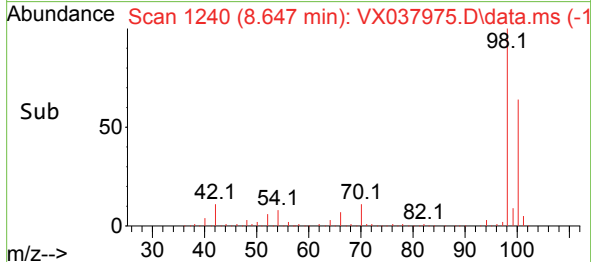
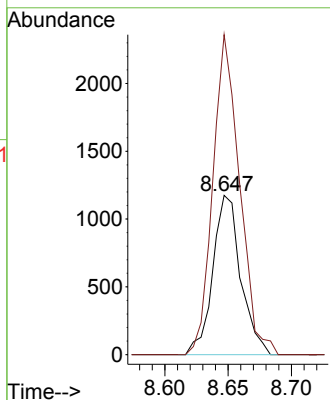
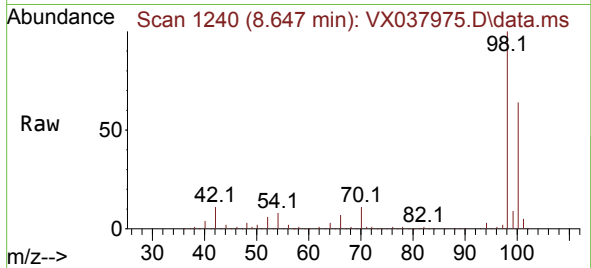




#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

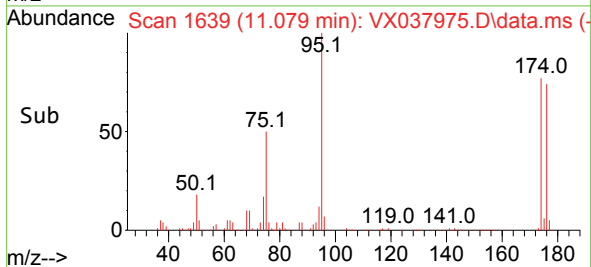
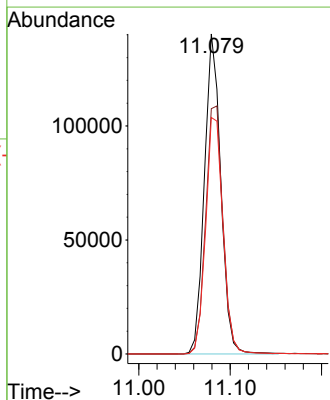
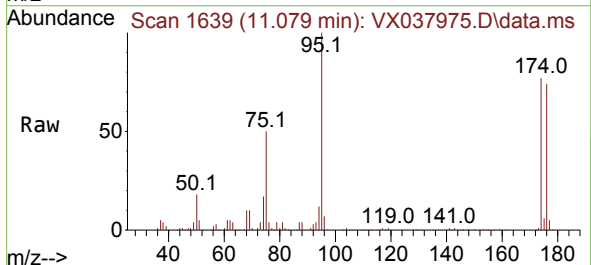
Instrument :
MSVOA_X
ClientSampleId :
TB-09282023

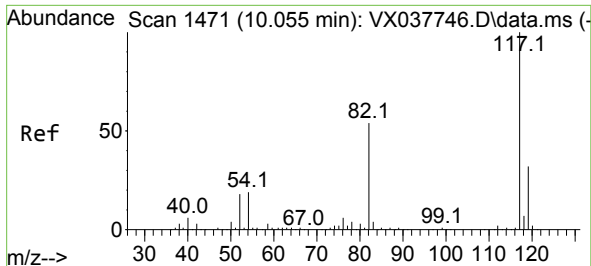
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 192.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

Tgt Ion: 95 Resp: 174009
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 78.6 0.0 131.0

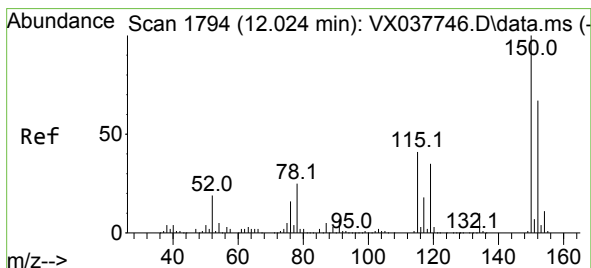
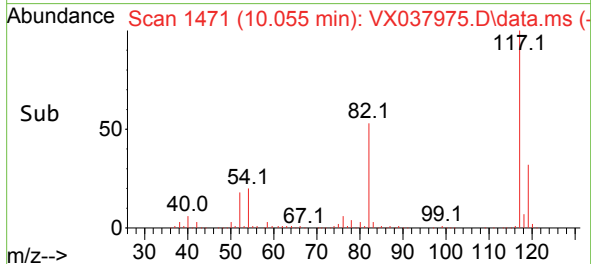
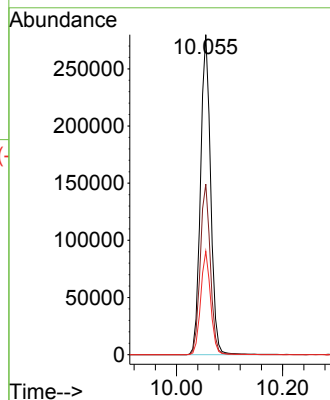
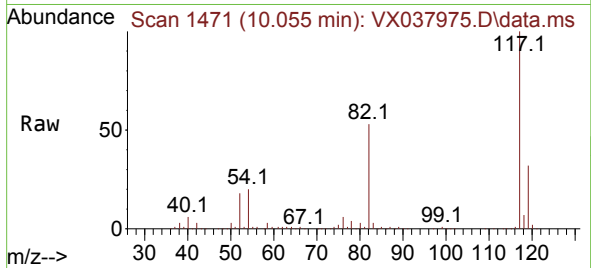




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

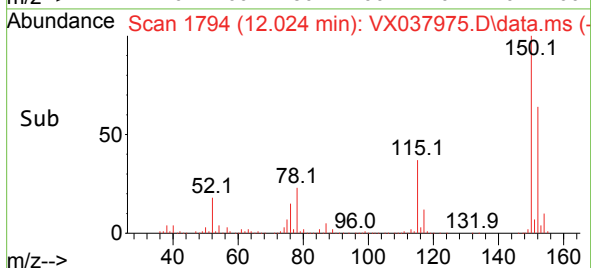
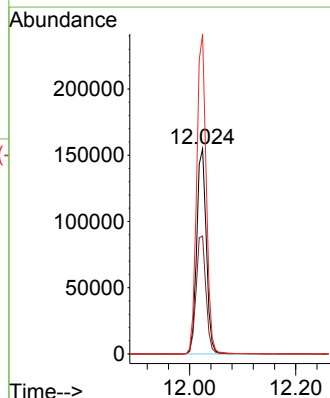
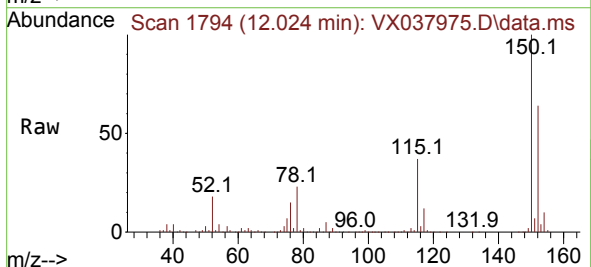
Instrument :
MSVOA_X
ClientSampleId :
TB-09282023

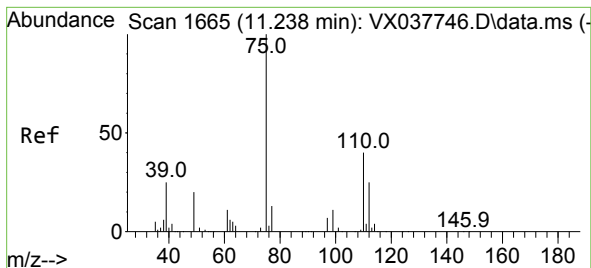
Tgt Ion:117 Resp: 371206
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

Tgt Ion:152 Resp: 194252
Ion Ratio Lower Upper
152 100
115 58.9 43.3 129.9
150 155.3 0.0 345.0

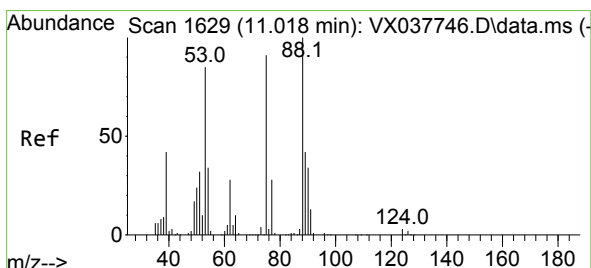
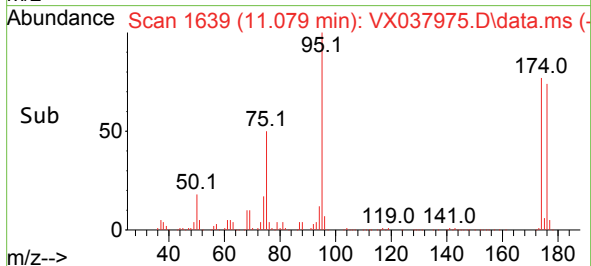
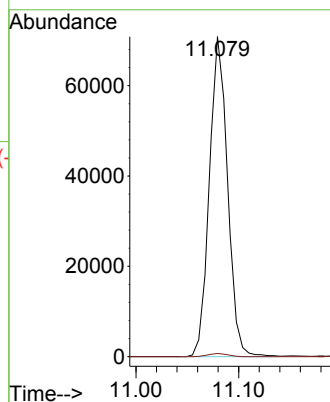
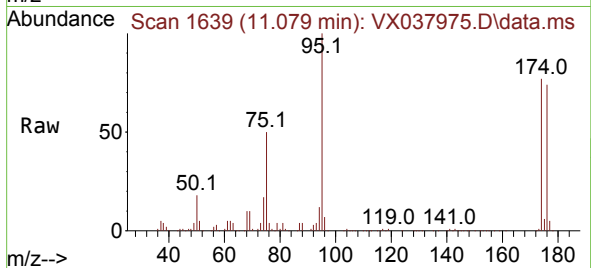




#76
1,2,3-Trichloropropane
Concen: 19.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
TB-09282023

Tgt Ion: 75 Resp: 87177
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037975.D
Acq: 29 Sep 2023 15:00

Tgt Ion: 75 Resp: 87177
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

