

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037498.D
 Acq On : 02 Sep 2023 21:14
 Operator : JC/MD
 Sample : 04278-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 822-823

Quant Time: Sep 04 04:34:32 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)

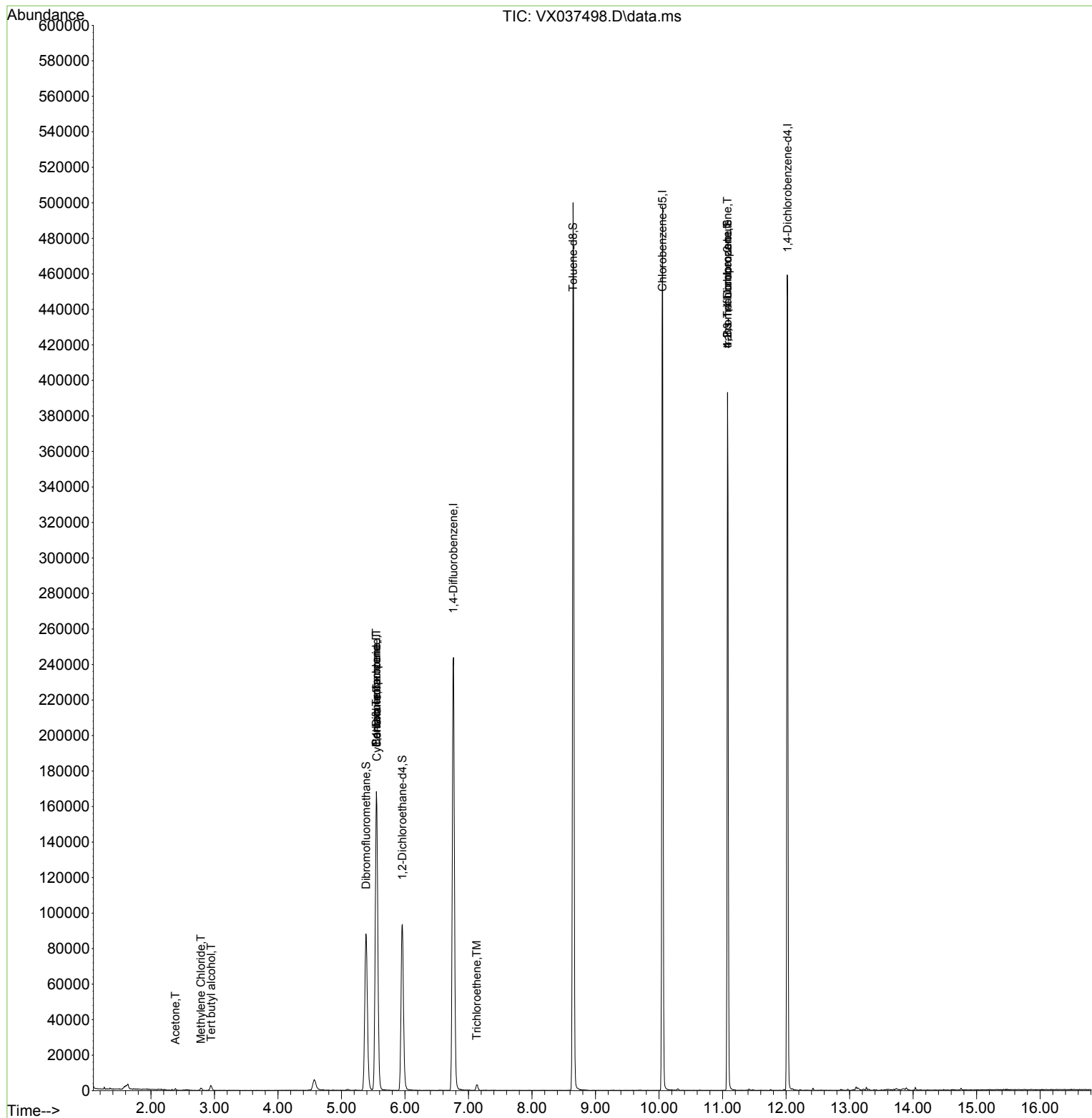
Internal Standards						
1) Pentafluorobenzene	5.550	168	158761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93873	41.014	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.020%
35) Dibromofluoromethane	5.385	113	79727	46.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.020%
50) Toluene-d8	8.647	98	306531	48.764	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	108793	44.040	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1669	3.109	ug/l #	78
16) Acetone	2.386	43	1011	1.129	ug/l	98
20) Methylene Chloride	2.788	84	778	0.389	ug/l #	75
31) Cyclohexane	5.556	56	2721	1.057	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12379	5.028	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17166	6.418	ug/l #	15
44) Trichloroethene	7.129	130	1416	0.707	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	52900	24.624	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52900	68.778	ug/l #	5

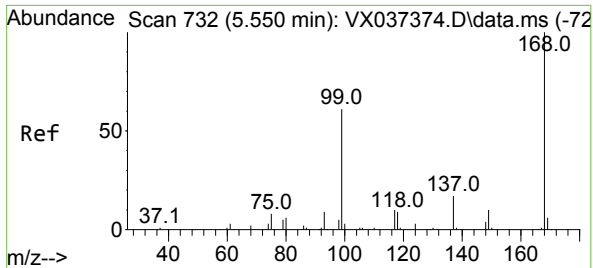
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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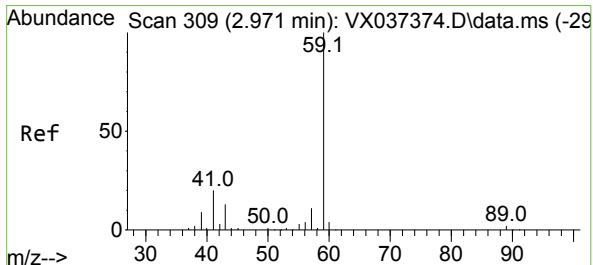
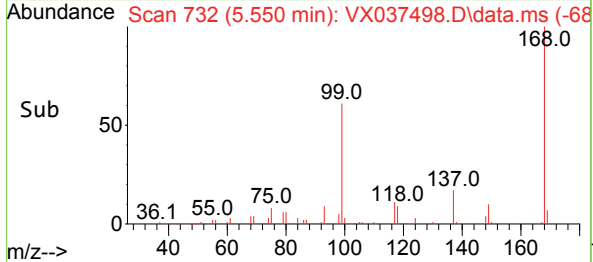
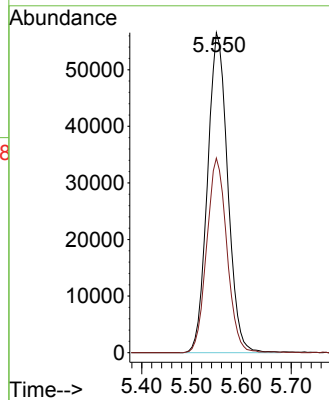
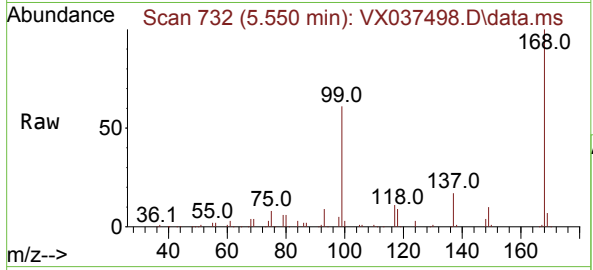




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14

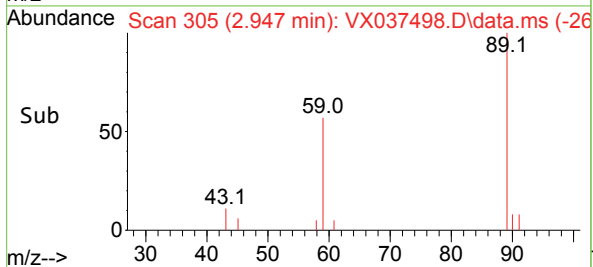
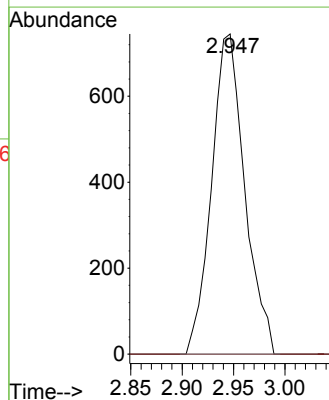
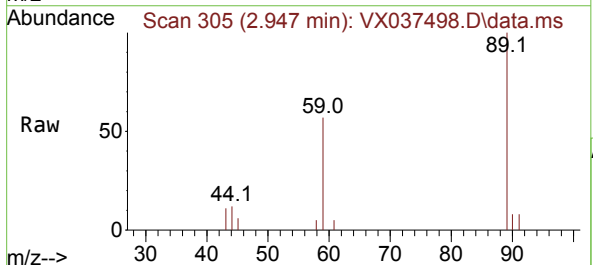
Instrument :
MSVOA_X
ClientSampleId :
822-823

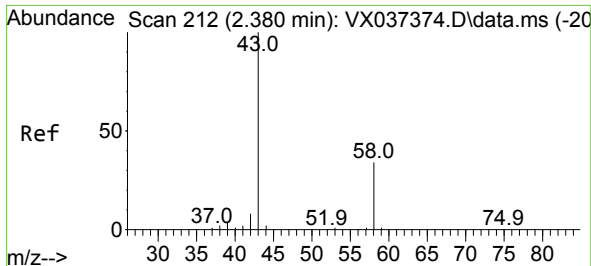
Tgt Ion:168 Resp: 158761
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.109 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14

Tgt Ion: 59 Resp: 1669
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.129 ug/l

RT: 2.386 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037498.D

Acq: 02 Sep 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

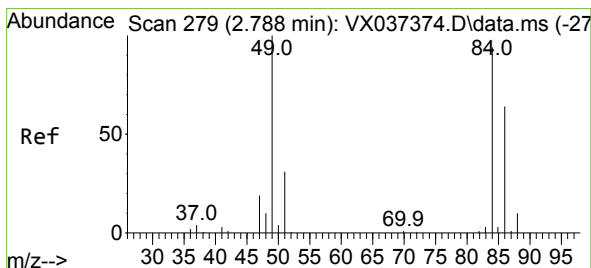
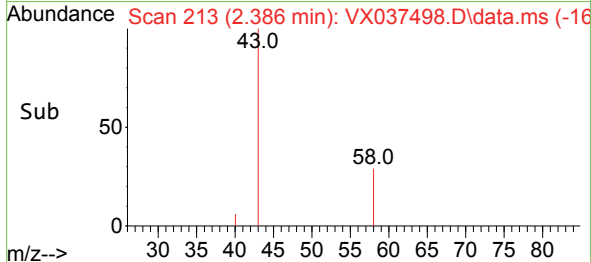
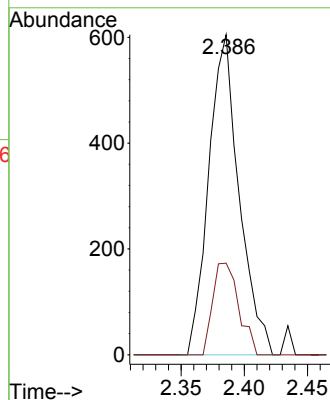
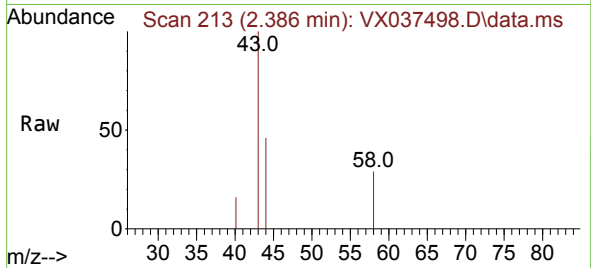
822-823

Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

58 28.6 21.9 32.9



#20

Methylene Chloride

Concen: 0.389 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037498.D

Acq: 02 Sep 2023 21:14

Tgt Ion: 84 Resp: 778

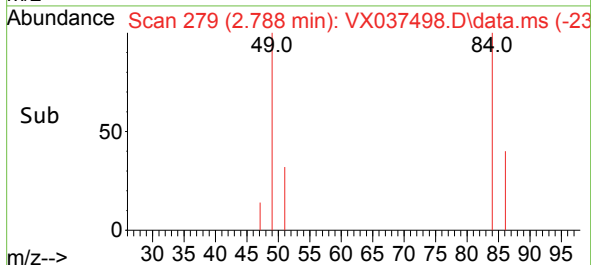
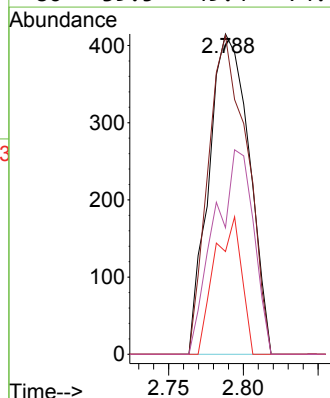
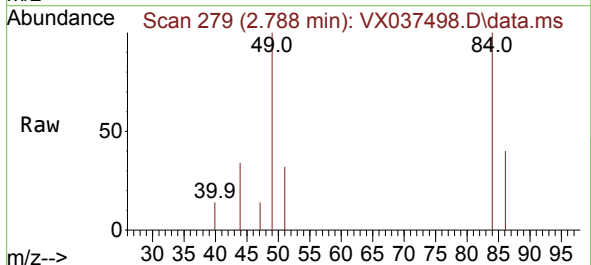
Ion Ratio Lower Upper

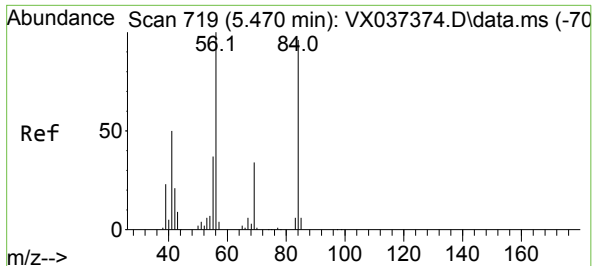
84 100

49 99.5 103.6 155.4#

51 32.0 33.8 50.6#

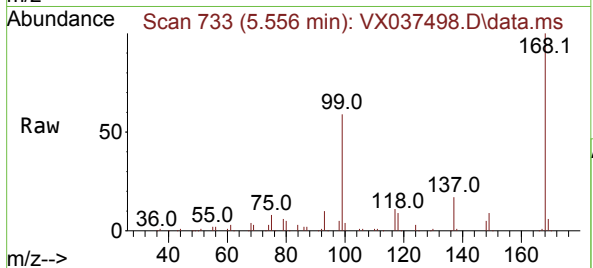
86 39.5 49.4 74.0#





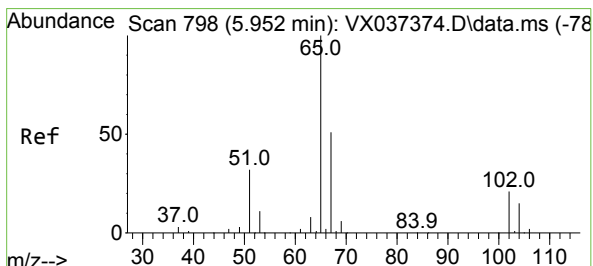
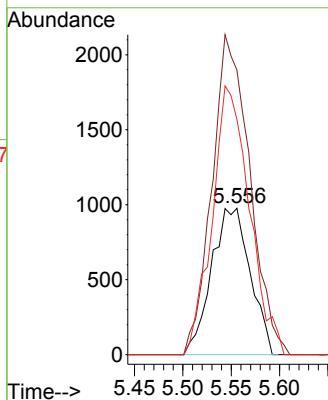
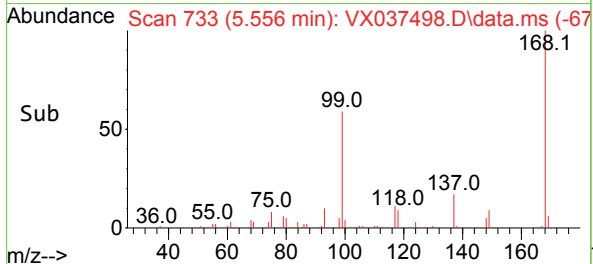
#31
Cyclohexane
Concen: 1.057 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14

Instrument :
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822-823

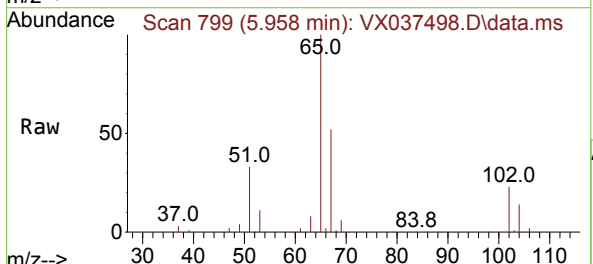


Tgt Ion: 56 Resp: 2721

Ion	Ratio	Lower	Upper
56	100		
69	194.5	23.4	35.2#
84	160.7	65.9	98.9#

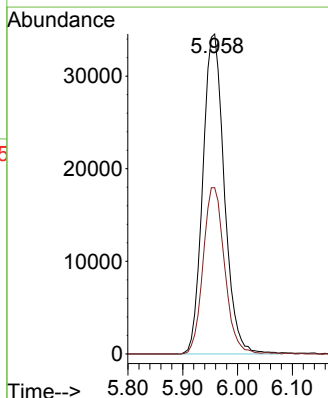
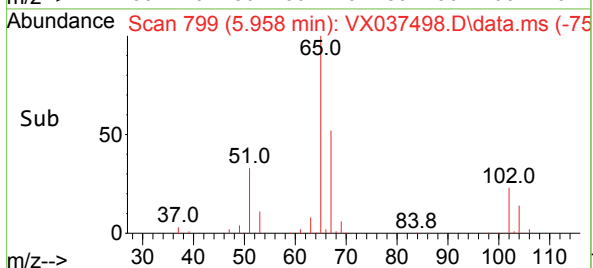


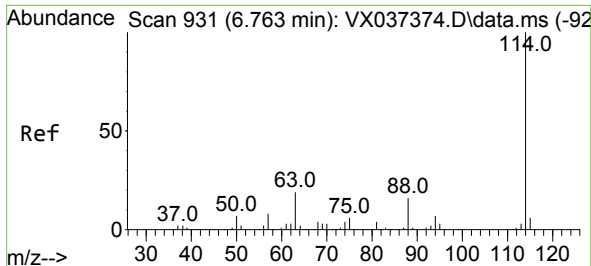
#33
1,2-Dichloroethane-d4
Concen: 41.014 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14



Tgt Ion: 65 Resp: 93873

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	100.2

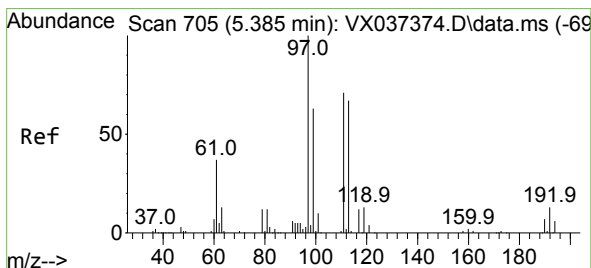
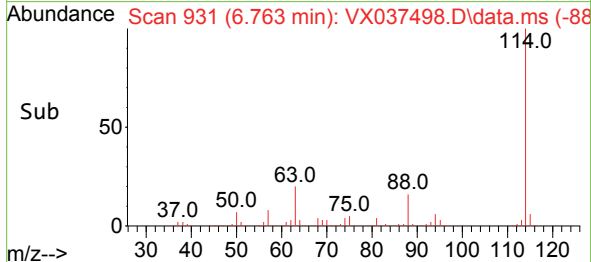
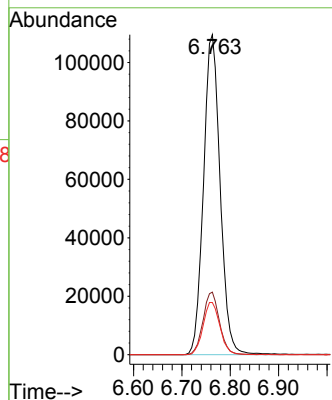
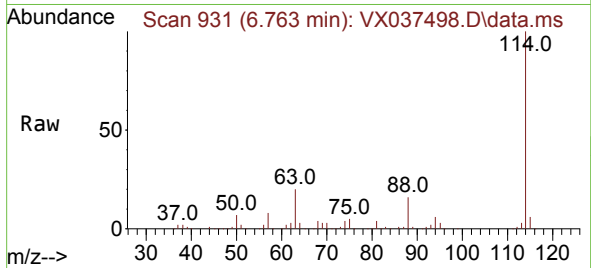




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14

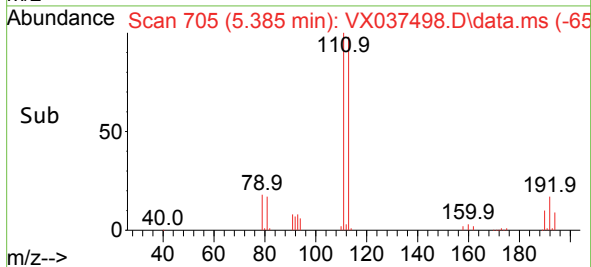
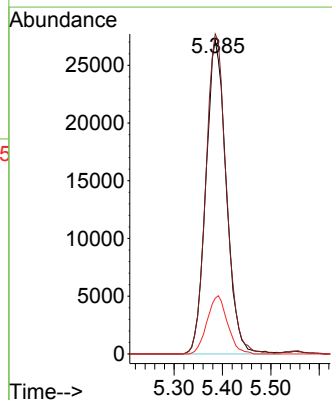
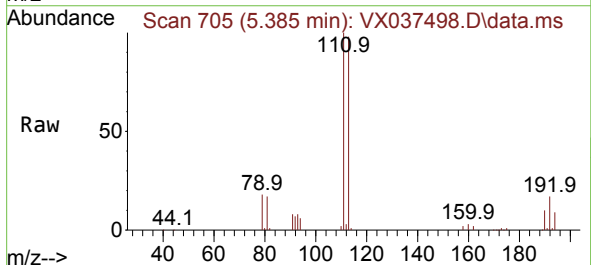
Instrument :
MSVOA_X
ClientSampleId :
822-823

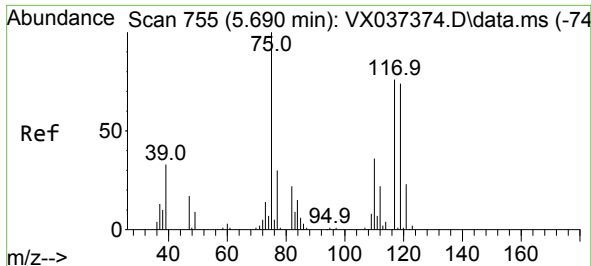
Tgt Ion:114 Resp: 261665
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.007 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14

Tgt Ion:113 Resp: 79727
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.6 13.3 19.9

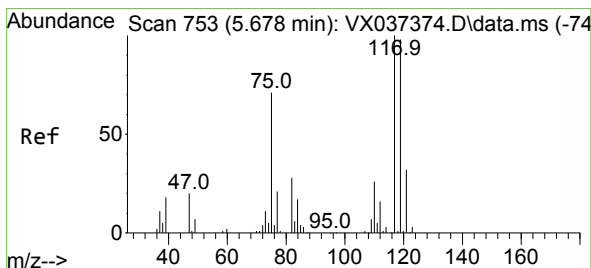
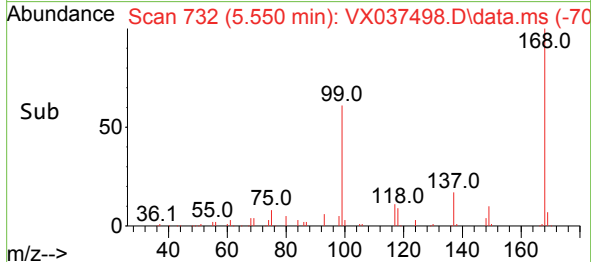
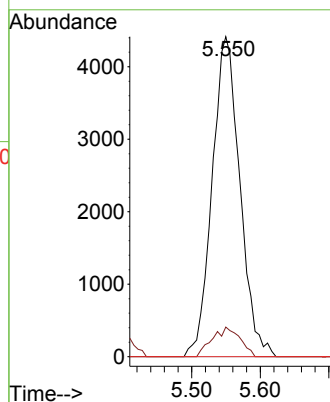
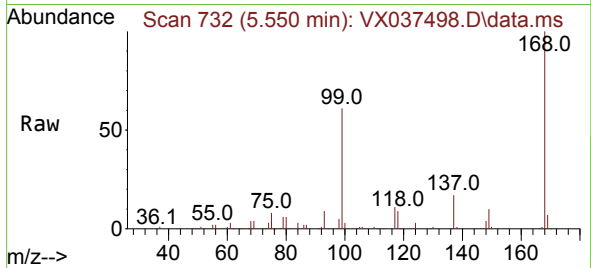




#36
1,1-Dichloropropene
Concen: 5.028 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14

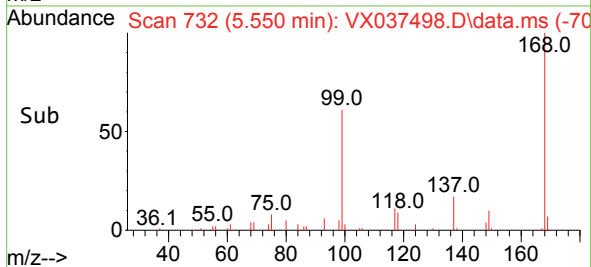
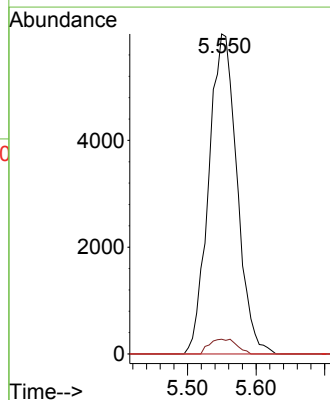
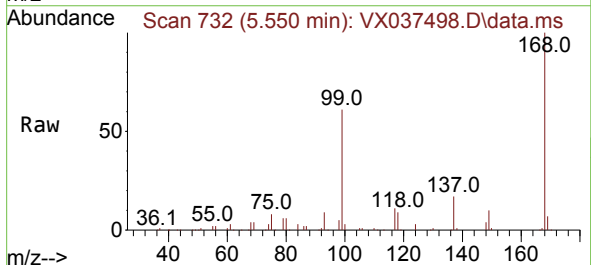
Instrument :
MSVOA_X
ClientSampleId :
822-823

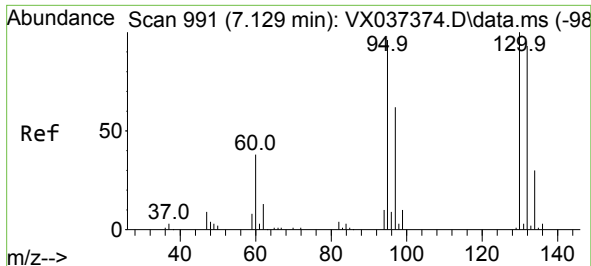
Tgt Ion: 75 Resp: 12379
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.418 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14

Tgt Ion: 117 Resp: 17166
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

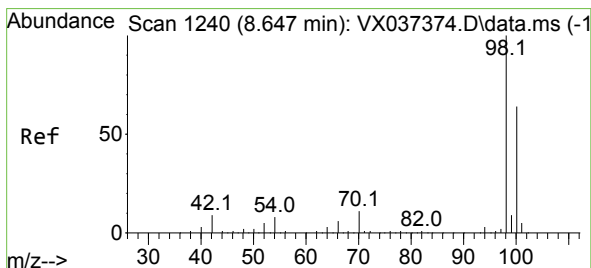
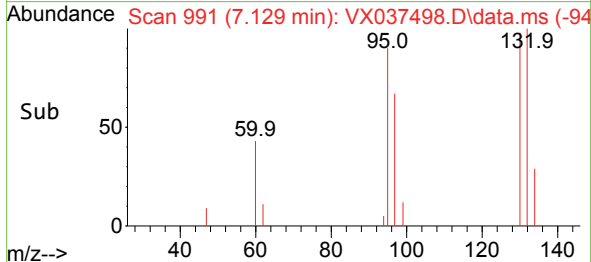
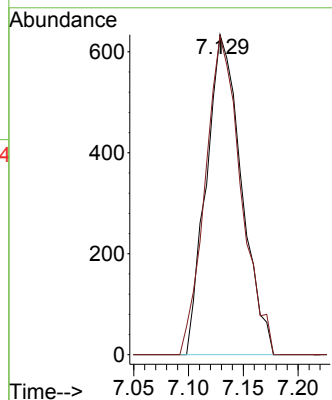
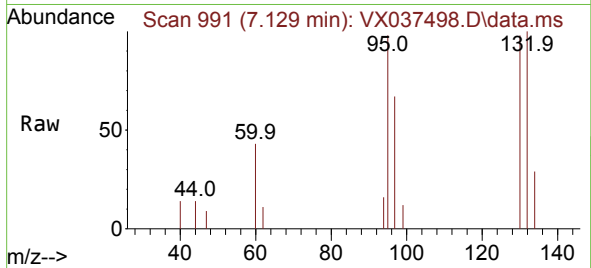




#44
Trichloroethene
Concen: 0.707 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14

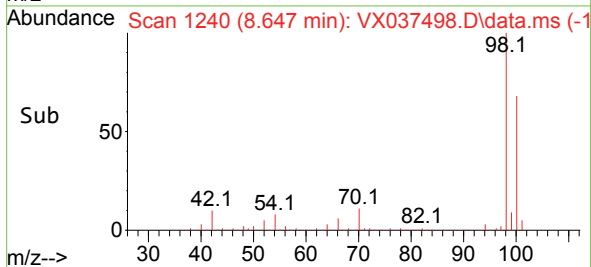
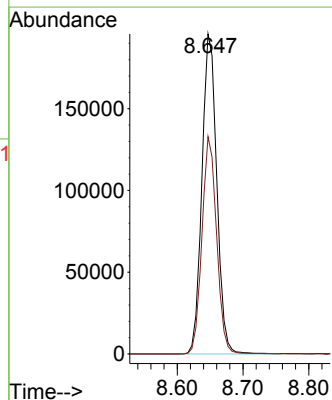
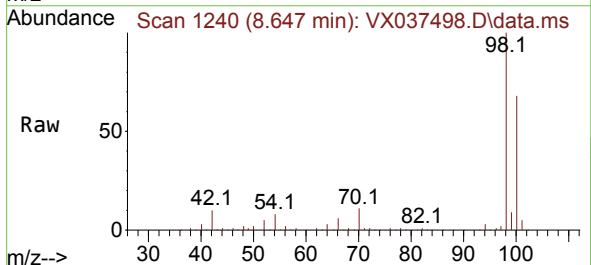
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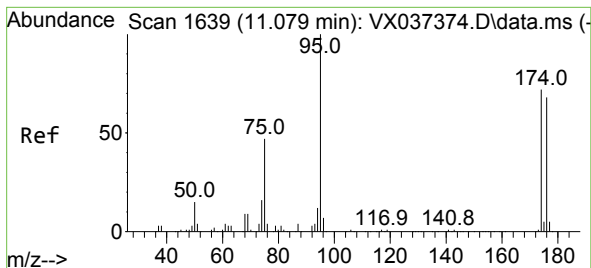
Tgt Ion:130 Resp: 1416
Ion Ratio Lower Upper
130 100
95 99.5 0.0 204.4



#50
Toluene-d8
Concen: 48.764 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14

Tgt Ion: 98 Resp: 306531
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

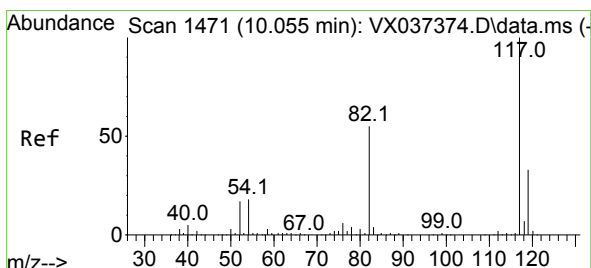
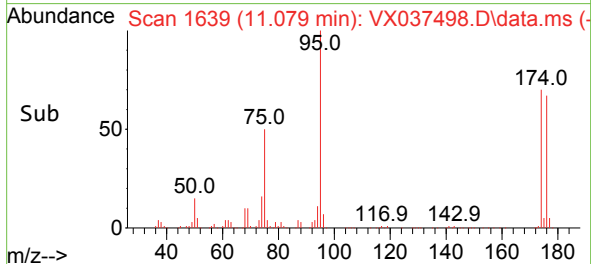
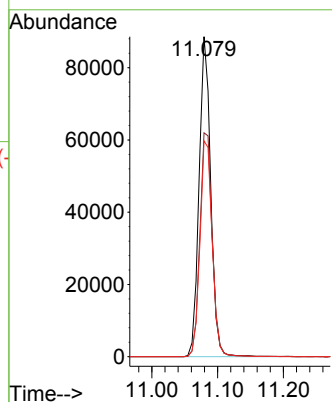
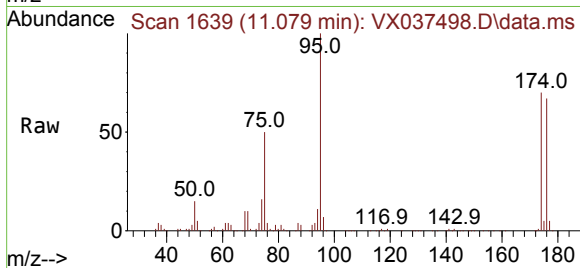




#62
4-Bromofluorobenzene
Concen: 44.040 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14

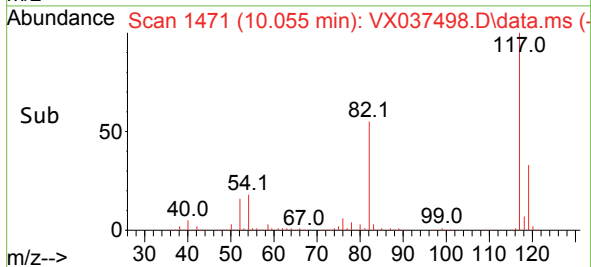
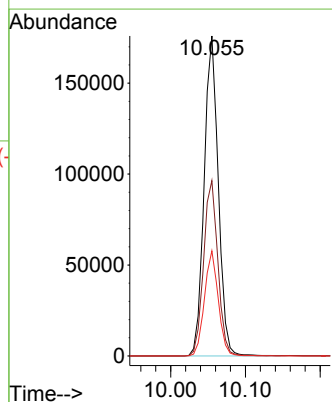
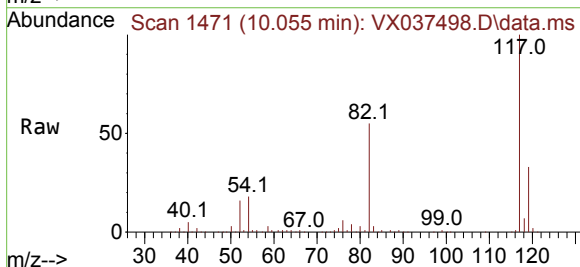
Instrument :
MSVOA_X
ClientSampleId :
822-823

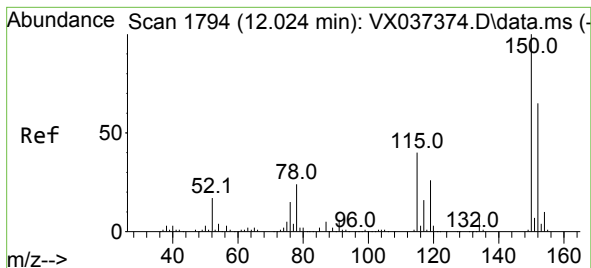
Tgt Ion: 95 Resp: 108793
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037498.D
Acq: 02 Sep 2023 21:14

Tgt Ion: 117 Resp: 230738
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.9 25.5 38.3

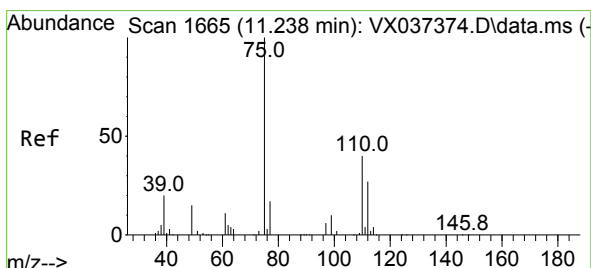
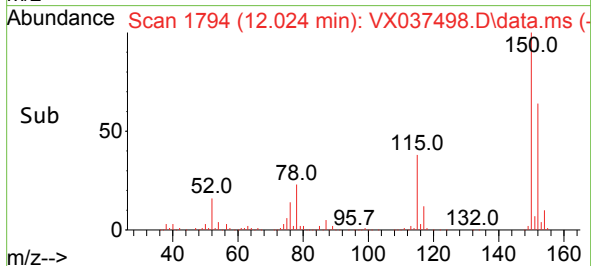
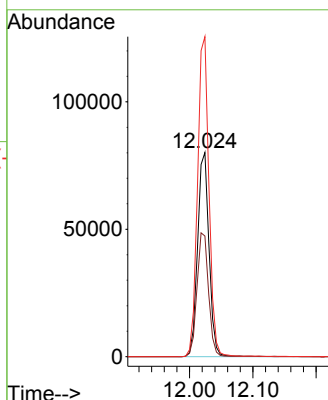
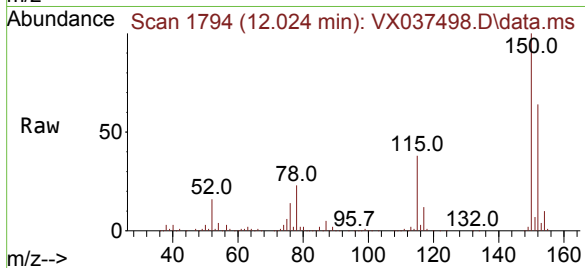




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037498.D
 Acq: 02 Sep 2023 21:14

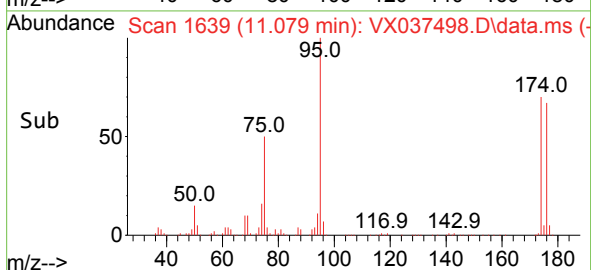
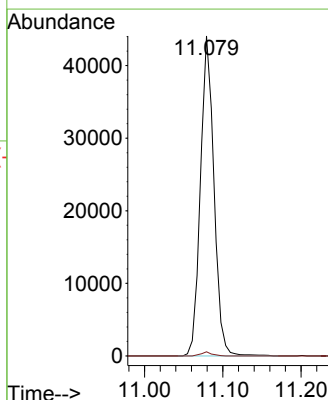
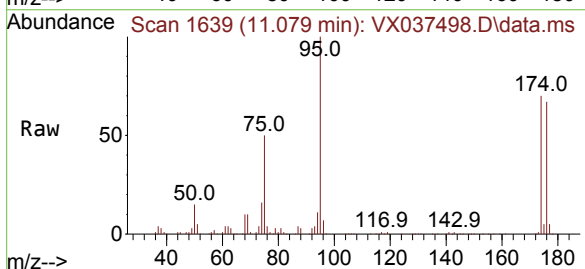
Instrument :
 MSVOA_X
 ClientSampleId :
 822-823

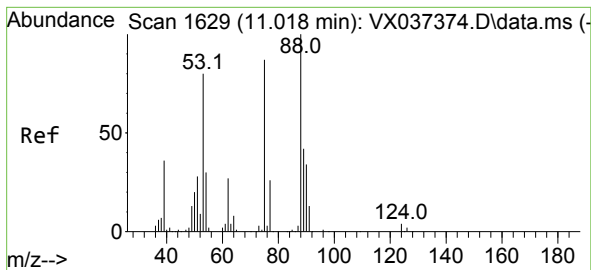
Tgt Ion:152 Resp: 100873
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.3 129.9
 150 156.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.624 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037498.D
 Acq: 02 Sep 2023 21:14

Tgt Ion: 75 Resp: 52900
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.778 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037498.D
 Acq: 02 Sep 2023 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 822-823

Tgt Ion: 75 Resp: 52900
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

