

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034886.D
 Acq On : 31 Mar 2023 18:17
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 03 01:22:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	215256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	370777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156507	47.541	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.080%
35) Dibromofluoromethane	5.385	113	115415	47.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	8.647	98	441749	48.802	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.079	95	200347	57.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.400%

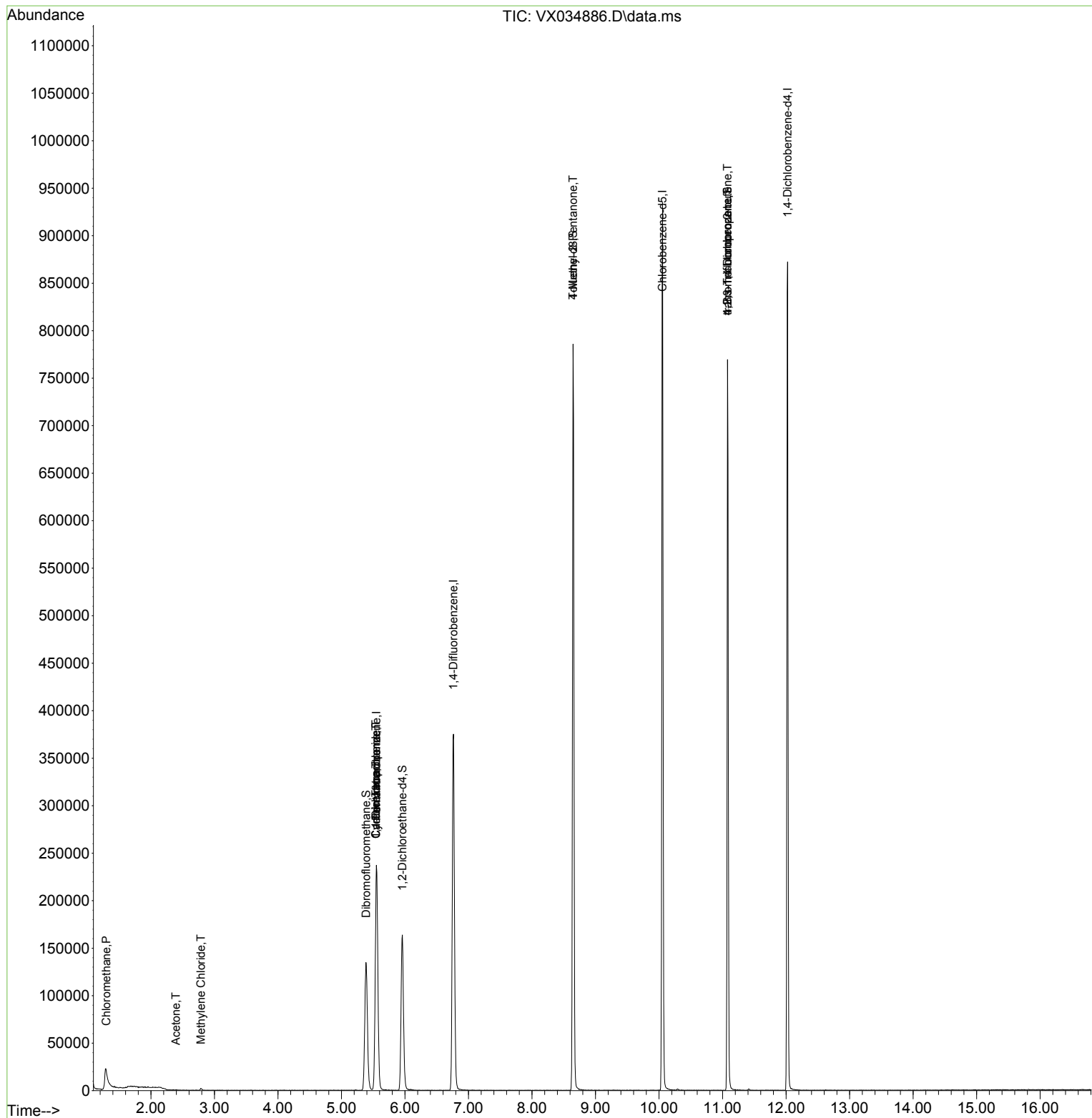
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	1574	0.586	ug/l #	76
16) Acetone	2.392	43	347	0.259	ug/l	90
20) Methylene Chloride	2.788	84	875	0.332	ug/l	96
31) Cyclohexane	5.544	56	5585	1.393	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	18827	5.182	ug/l #	50
38) Carbon Tetrachloride	5.544	117	22733	6.636	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2357	0.627	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	111063	32.868	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	111063	98.503	ug/l #	8

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

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Quant Time: Apr 03 01:22:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

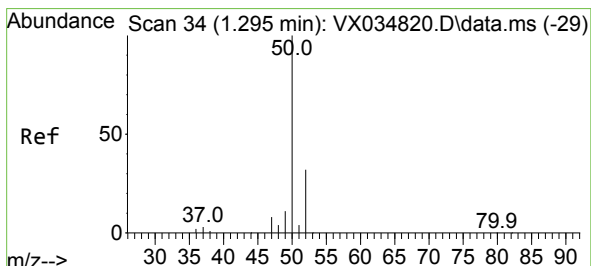
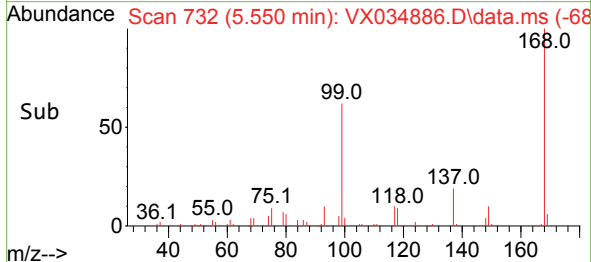
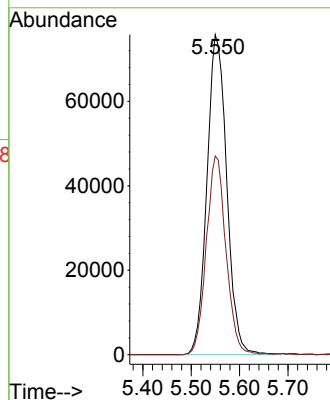
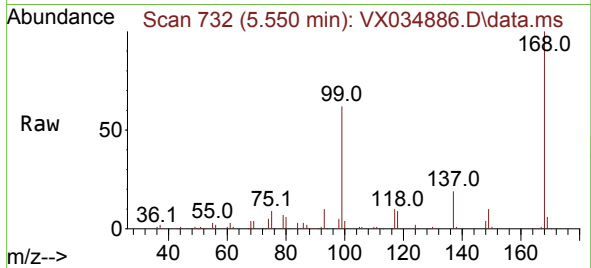




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

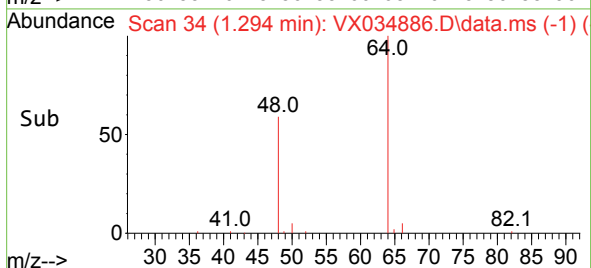
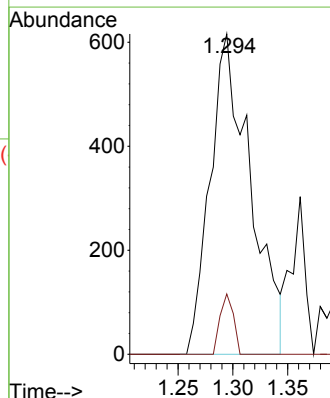
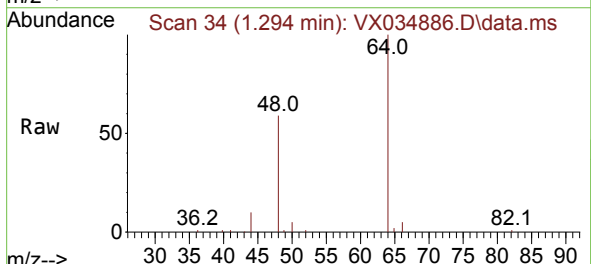
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MSVOA_X
ClientSampleId :
IBLK

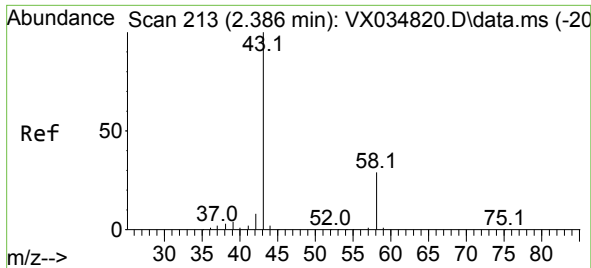
Tgt Ion:168 Resp: 215256
Ion Ratio Lower Upper
168 100
99 62.1 45.7 68.5



#3
Chloromethane
Concen: 0.586 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

Tgt Ion: 50 Resp: 1574
Ion Ratio Lower Upper
50 100
52 18.8 25.9 38.9#

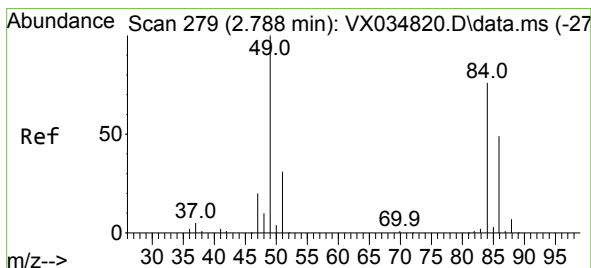
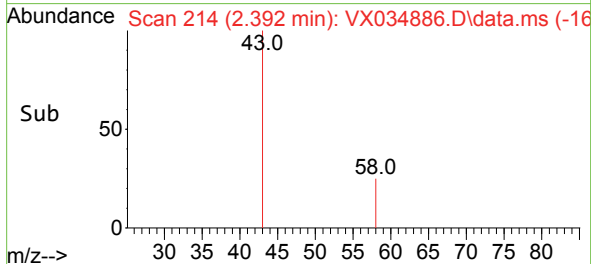
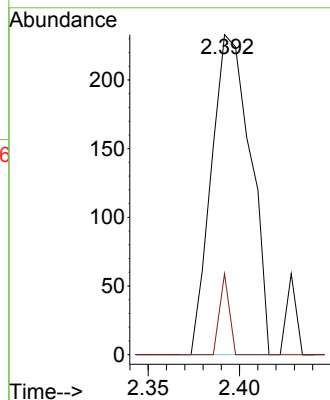
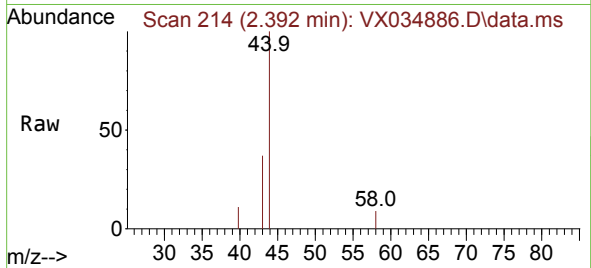




#16
Acetone
Concen: 0.259 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

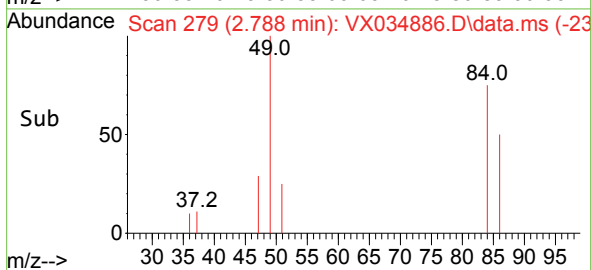
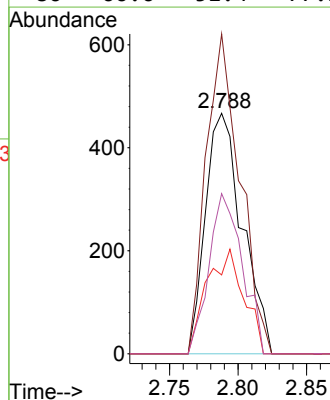
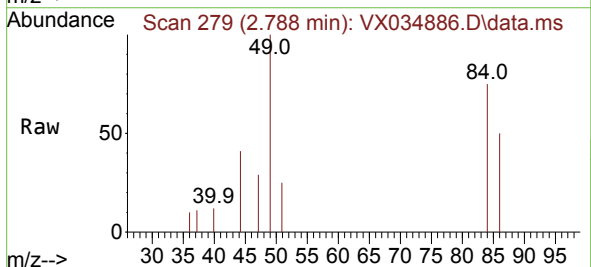
Instrument :
MSVOA_X
ClientSampleId :
IBLK

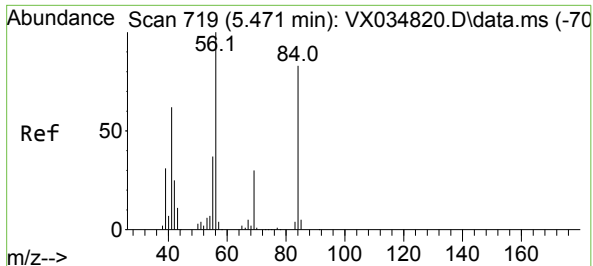
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
58 25.3 24.7 37.1



#20
Methylene Chloride
Concen: 0.332 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

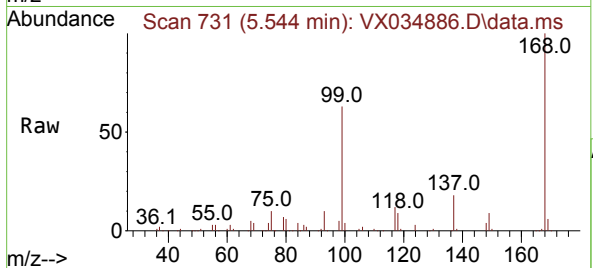
Tgt Ion: 84 Resp: 875
Ion Ratio Lower Upper
84 100
49 133.0 103.8 155.8
51 32.8 31.8 47.8
86 66.6 51.4 77.2



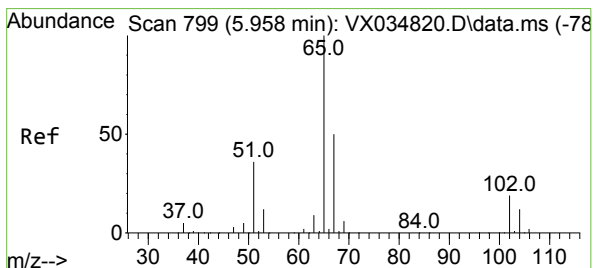
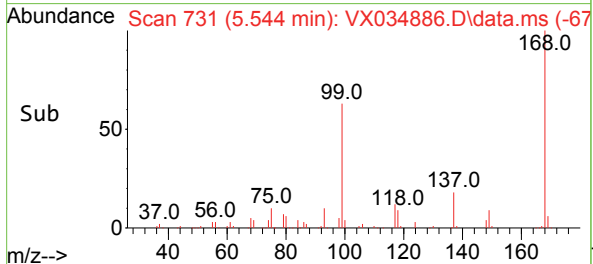
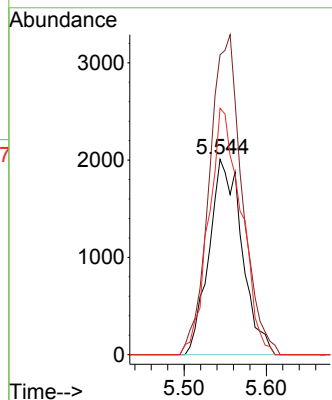


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

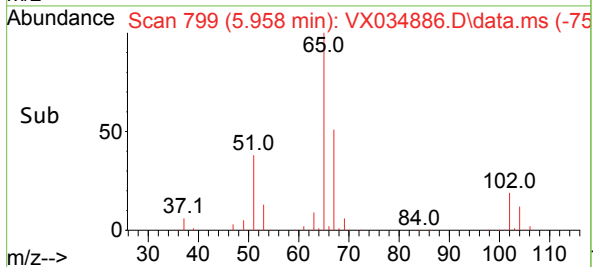
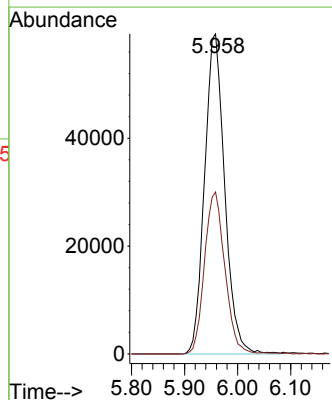
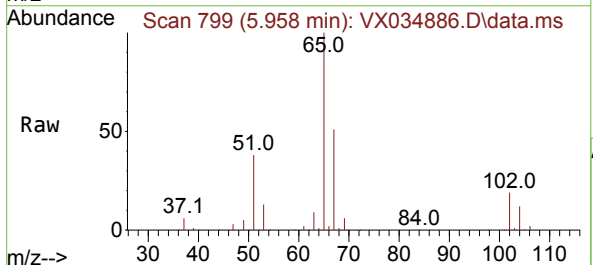


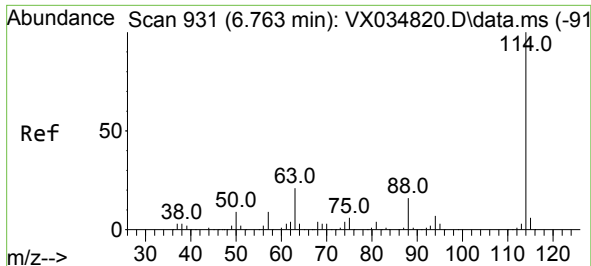
Tgt Ion: 56 Resp: 5585
Ion Ratio Lower Upper
56 100
69 153.5 23.7 35.5#
84 139.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.541 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

Tgt Ion: 65 Resp: 156507
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

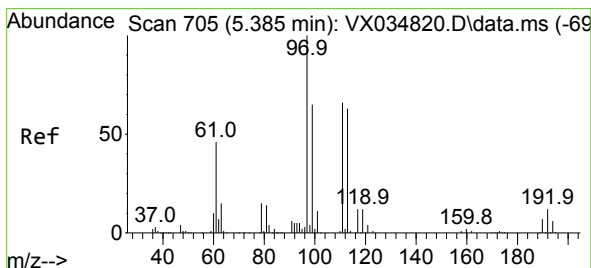
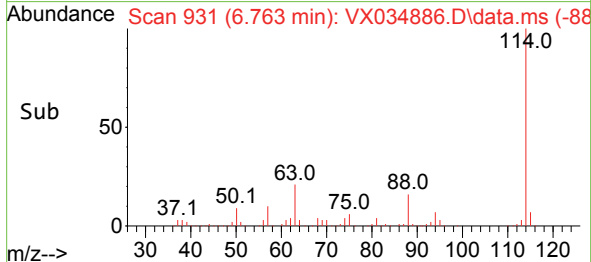
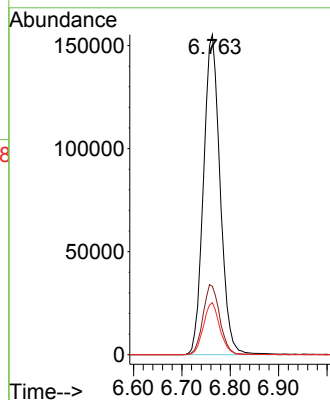
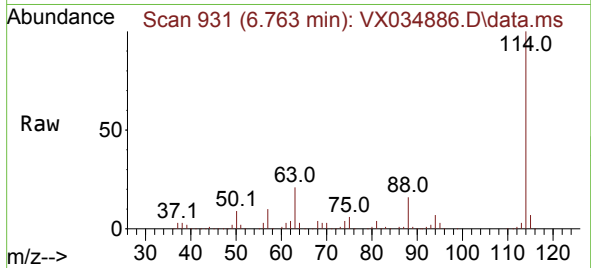




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

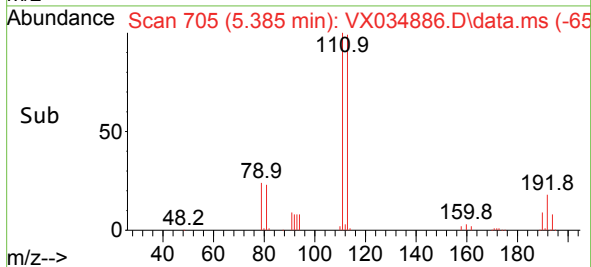
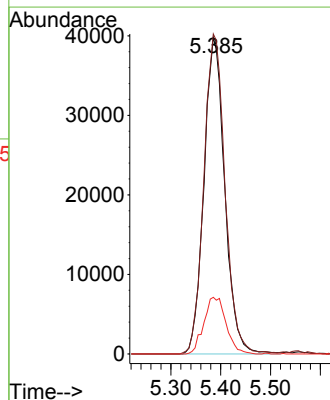
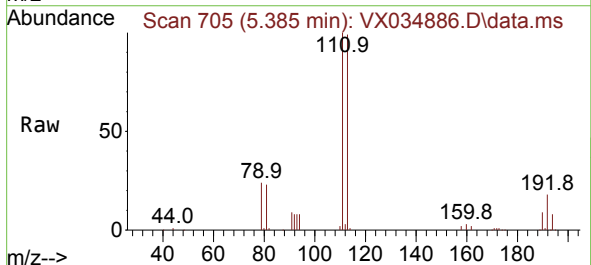
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MSVOA_X
ClientSampleId :
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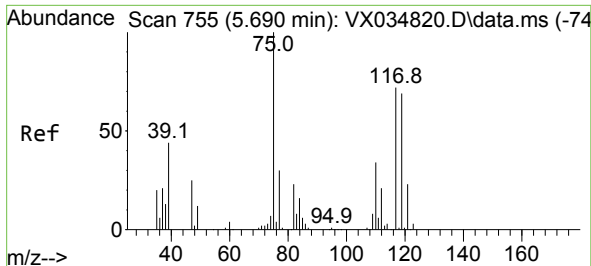
Tgt Ion:114 Resp: 370777
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.062 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

Tgt Ion:113 Resp: 115415
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 19.1 15.4 23.2

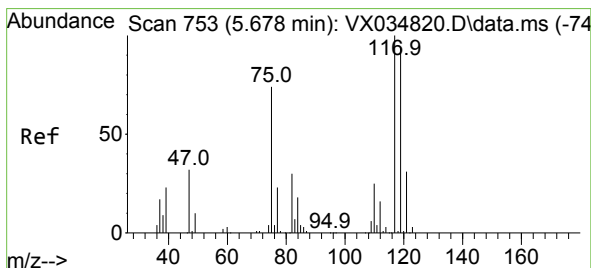
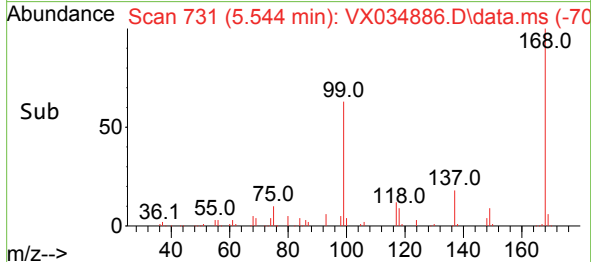
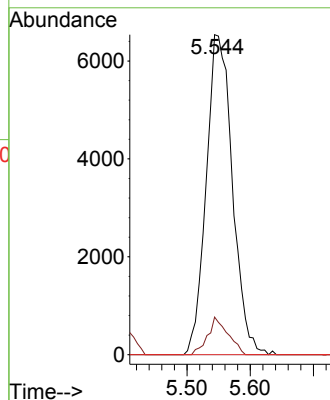
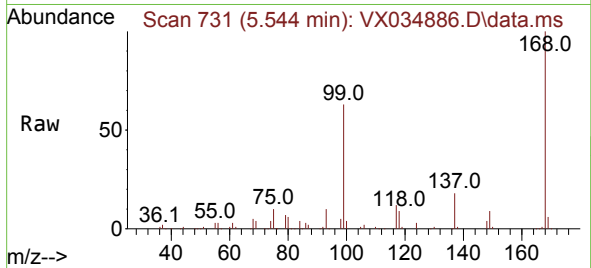




#36
 1,1-Dichloropropene
 Concen: 5.182 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX034886.D
 Acq: 31 Mar 2023 18:17

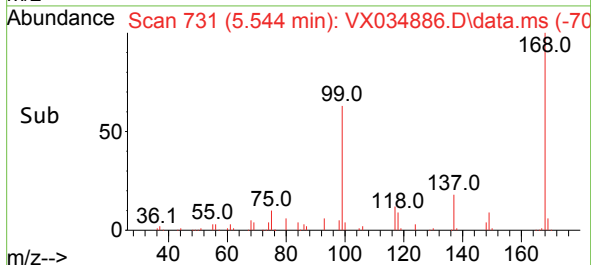
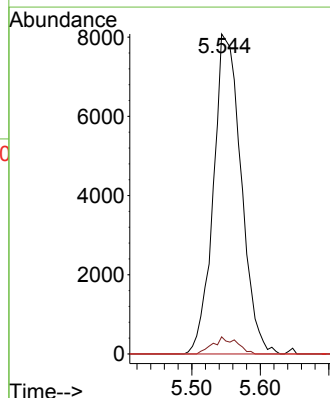
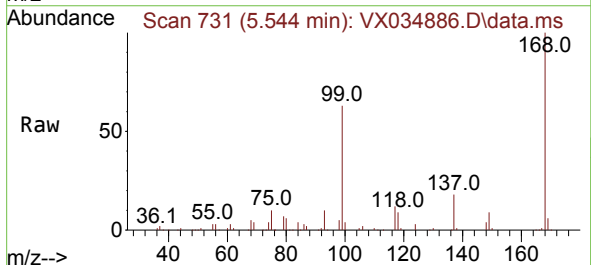
Instrument :
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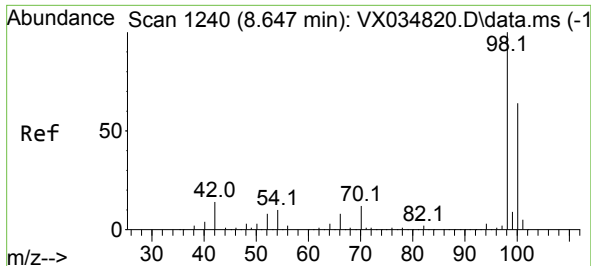
Tgt Ion: 75 Resp: 18827
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.636 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.134 min
 Lab File: VX034886.D
 Acq: 31 Mar 2023 18:17

Tgt Ion: 117 Resp: 22733
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.6 114.8#
 121 0.0 23.8 35.6#

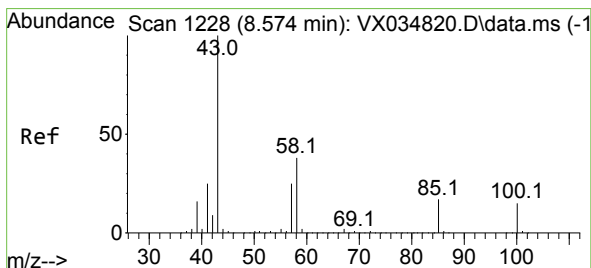
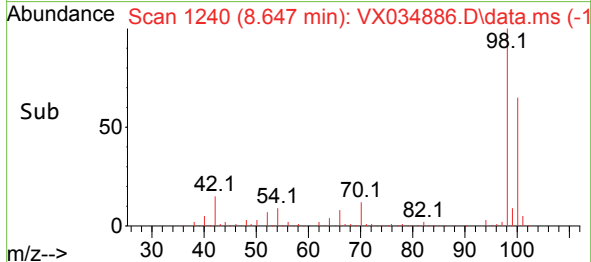
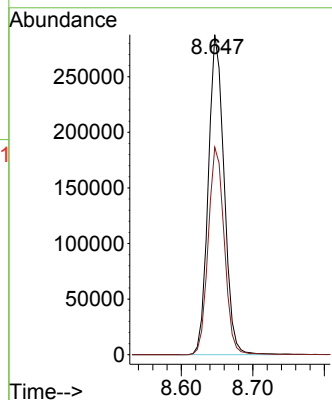
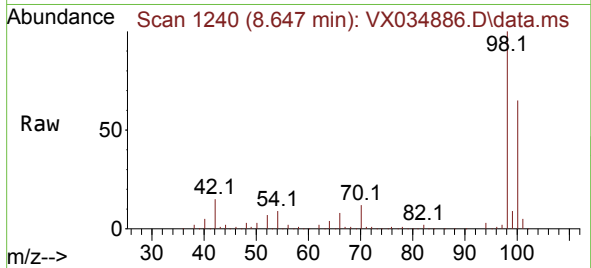




#50
Toluene-d8
Concen: 48.802 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

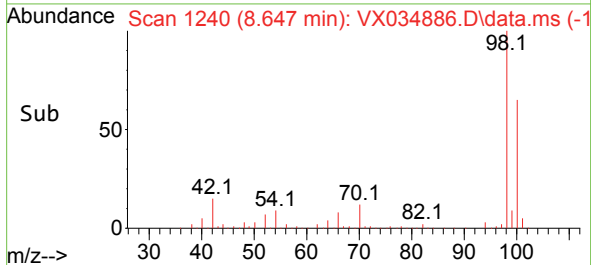
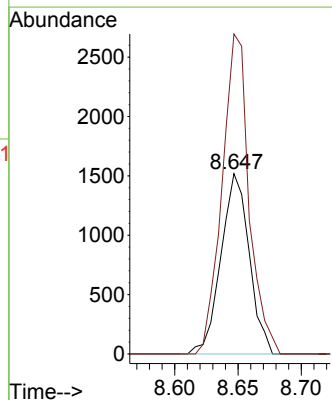
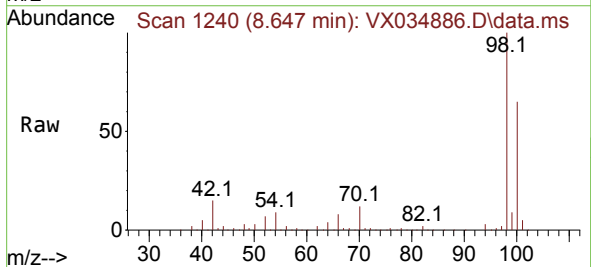
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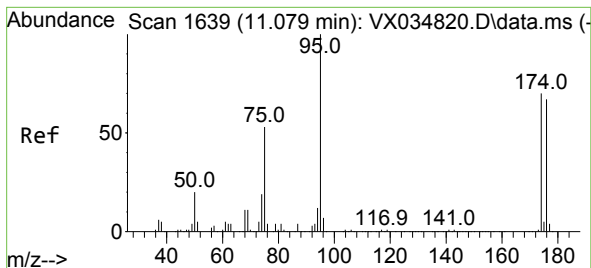
Tgt Ion: 98 Resp: 441749
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.627 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

Tgt Ion: 43 Resp: 2357
Ion Ratio Lower Upper
43 100
58 169.9 30.6 46.0#

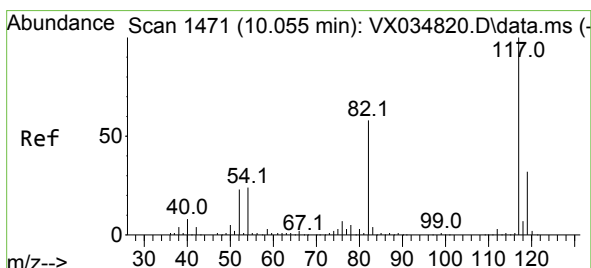
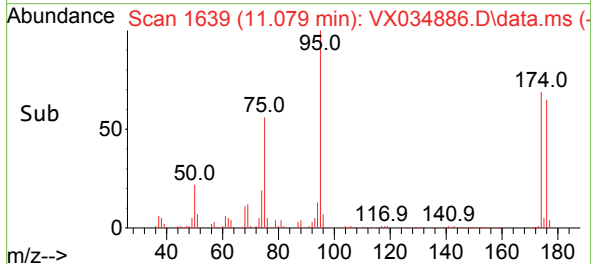
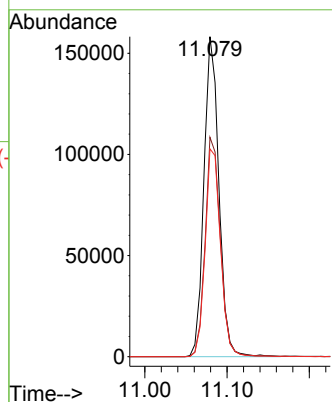
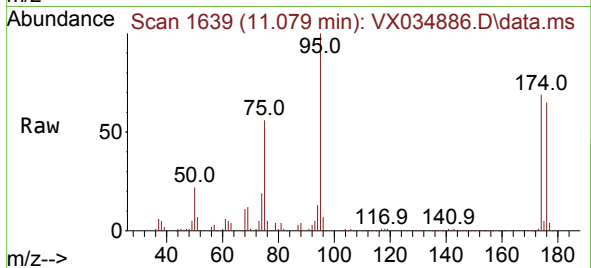




#62
4-Bromofluorobenzene
Concen: 57.195 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

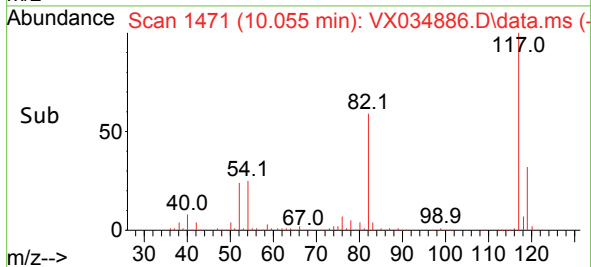
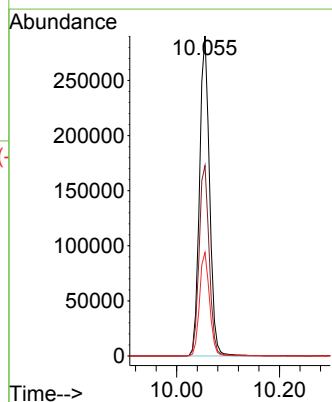
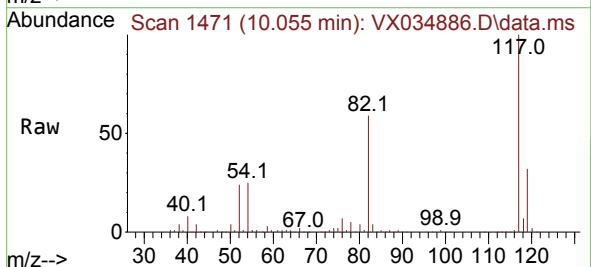
Instrument :
MSVOA_X
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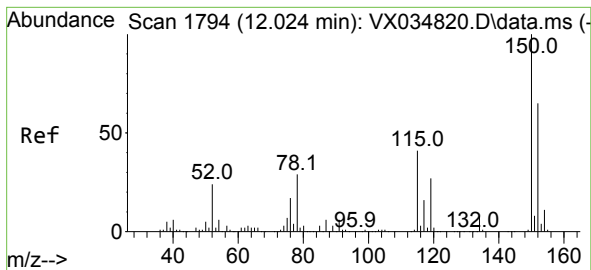
Tgt Ion: 95 Resp: 200347
Ion Ratio Lower Upper
95 100
174 69.7 0.0 147.4
176 66.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034886.D
Acq: 31 Mar 2023 18:17

Tgt Ion: 117 Resp: 393888
Ion Ratio Lower Upper
117 100
82 59.5 45.0 67.4
119 32.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034886.D

Acq: 31 Mar 2023 18:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK

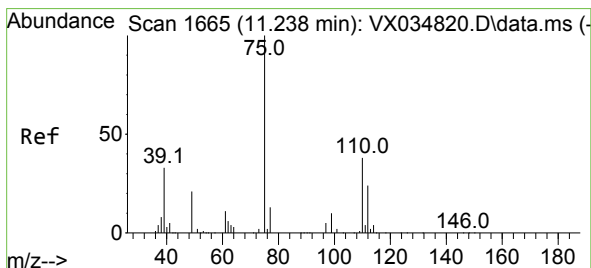
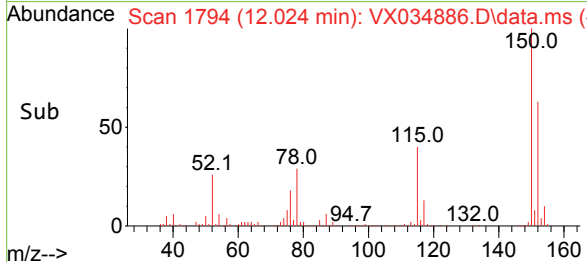
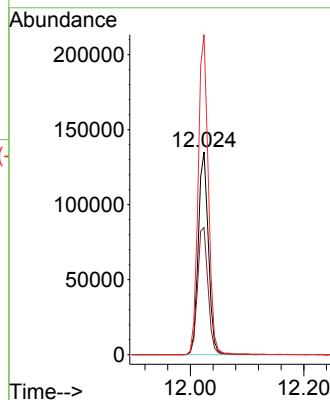
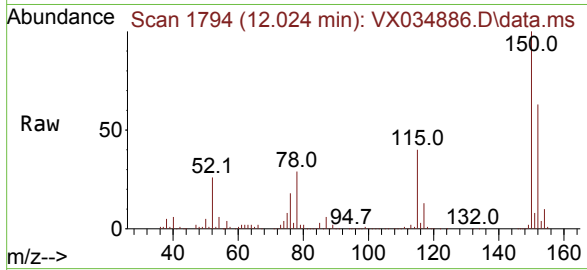
Tgt Ion:152 Resp: 167701

Ion Ratio Lower Upper

152 100

115 64.5 45.0 135.0

150 158.7 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 32.868 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034886.D

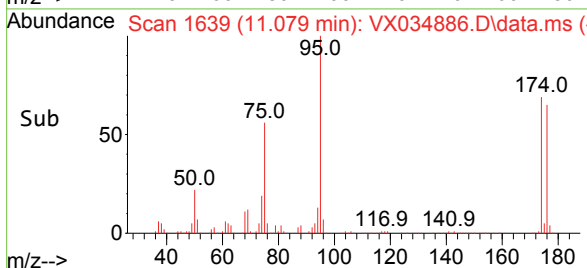
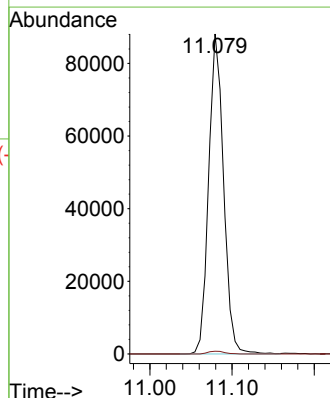
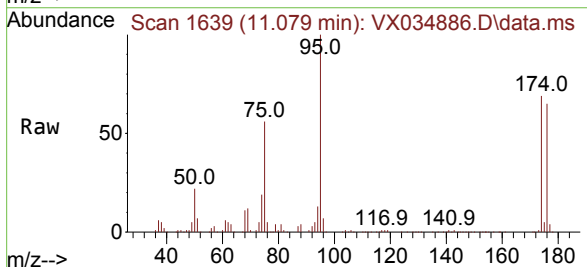
Acq: 31 Mar 2023 18:17

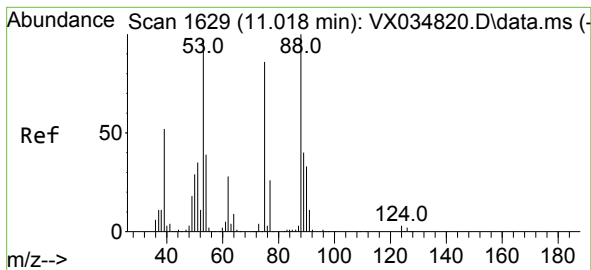
Tgt Ion: 75 Resp: 111063

Ion Ratio Lower Upper

75 100

77 0.9 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.503 ug/l
 RT: 11.079 min Scan# 11063
 Delta R.T. 0.061 min
 Lab File: VX034886.D
 Acq: 31 Mar 2023 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 111063
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

