

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039631.D
 Acq On : 04 Jan 2024 19:20
 Operator : JC/MD
 Sample : P1034-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 00:46:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

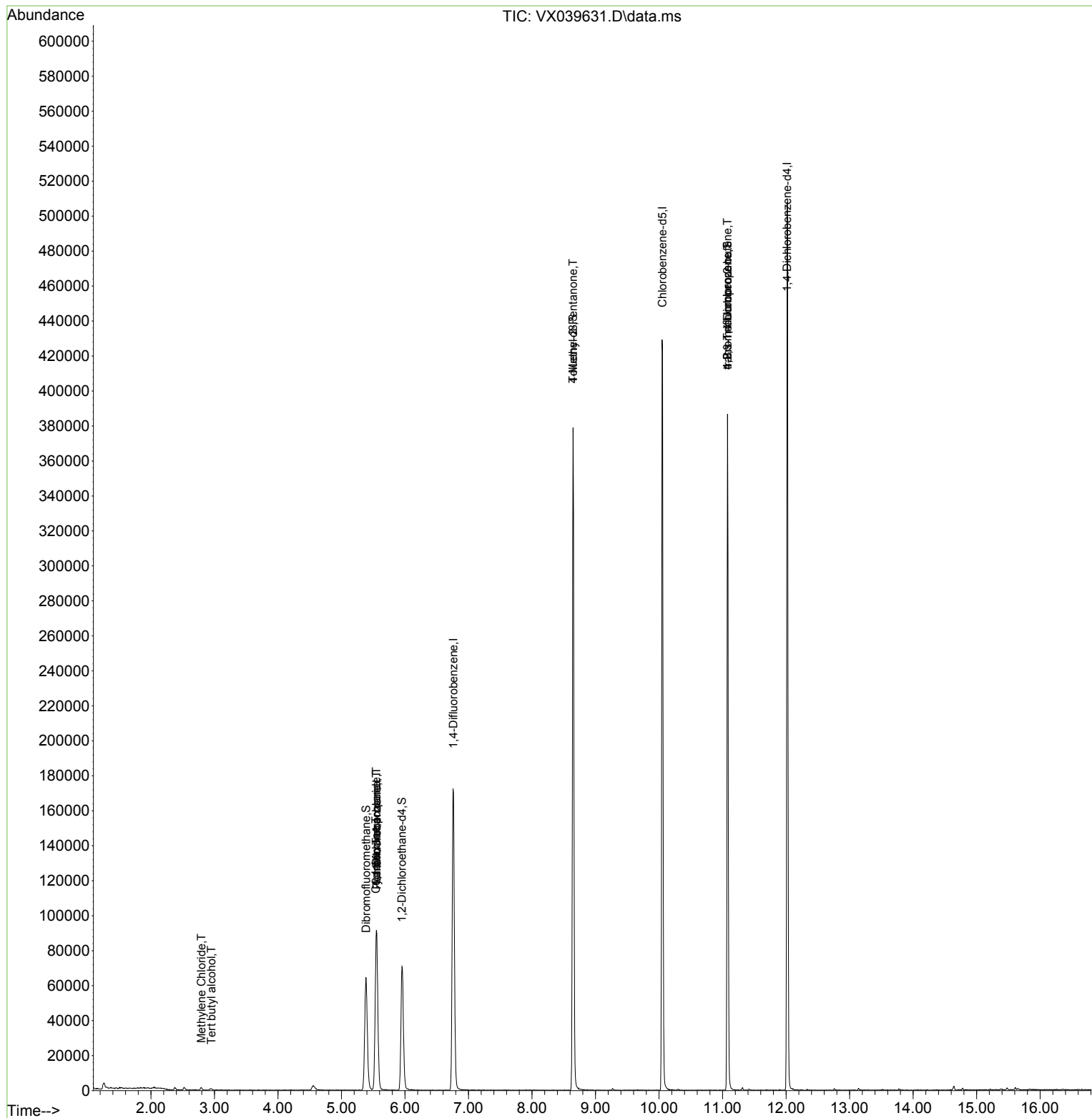
Internal Standards						
1) Pentafluorobenzene	5.556	168	81146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69495	46.750	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.500%
35) Dibromofluoromethane	5.385	113	56106	47.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.140%
50) Toluene-d8	8.647	98	220419	49.814	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.079	95	104600	57.294	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	799	2.140	ug/l #	78
16) Acetone	2.374	43	1428	Below Cal		100
20) Methylene Chloride	2.794	84	879	0.709	ug/l #	89
31) Cyclohexane	5.544	56	2248	1.171	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7726	4.108	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9338	5.203	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1157	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	56508	22.726	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56508	64.110	ug/l #	5

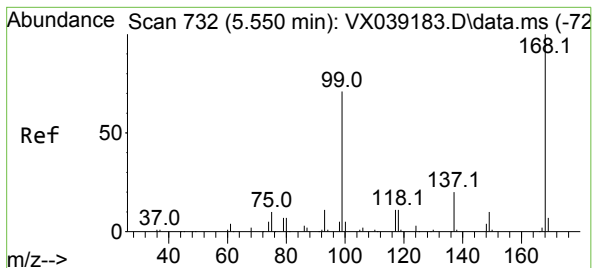
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 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: VX039631.D

Acq: 04 Jan 2024 19:20

Instrument :

MSVOA_X

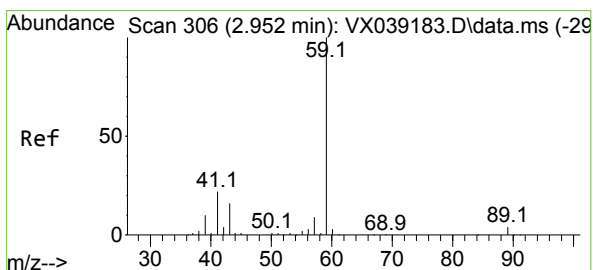
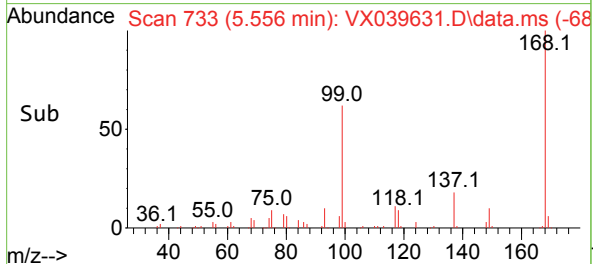
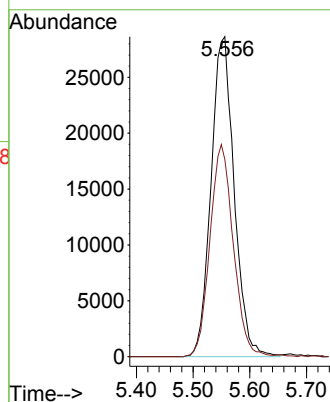
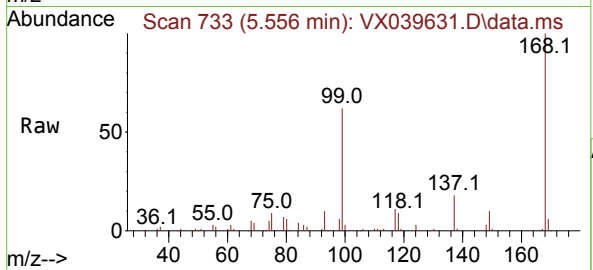
ClientSampleId :

Tgt Ion:168 Resp: 81146

Ion Ratio Lower Upper

168 100

99 61.6 56.6 85.0



#11

Tert butyl alcohol

Concen: 2.140 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX039631.D

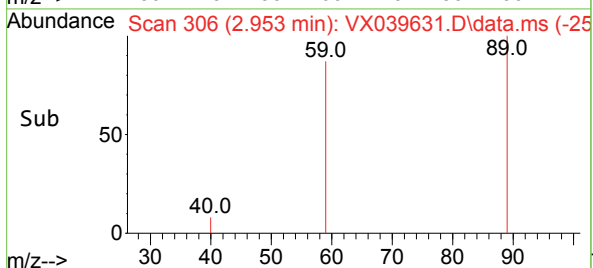
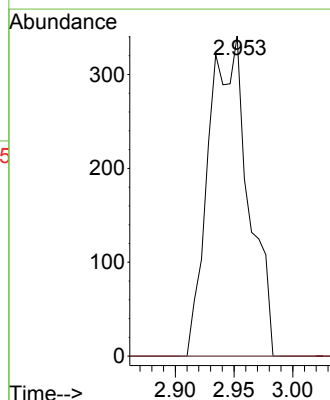
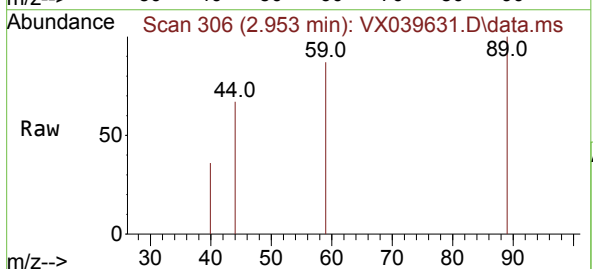
Acq: 04 Jan 2024 19:20

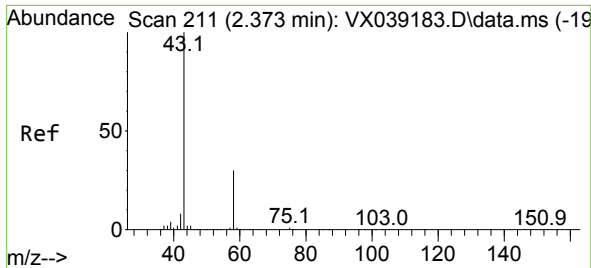
Tgt Ion: 59 Resp: 799

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

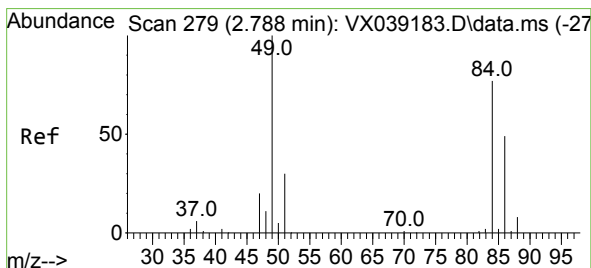
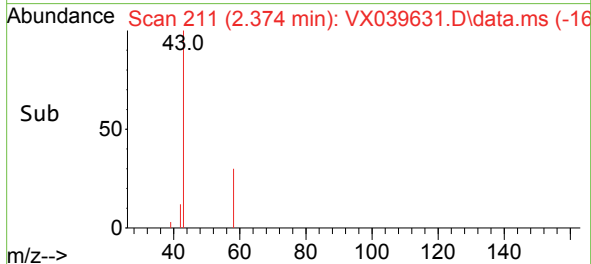
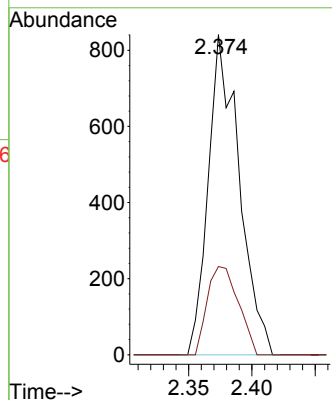
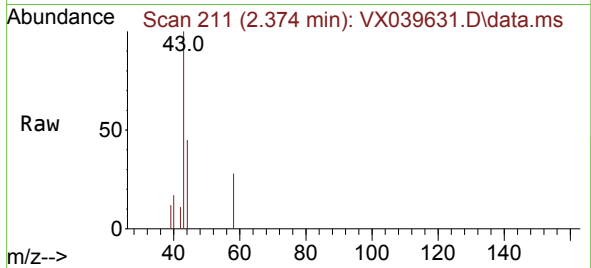




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039631.D
Acq: 04 Jan 2024 19:20

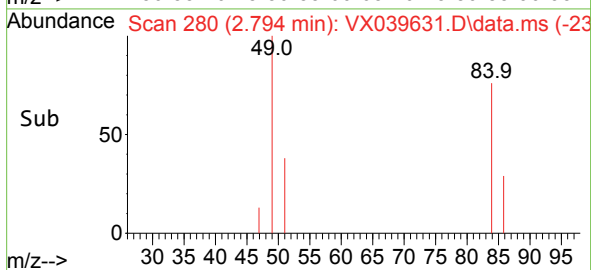
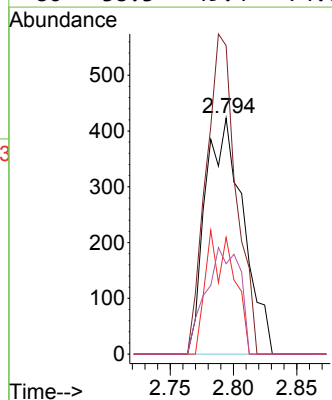
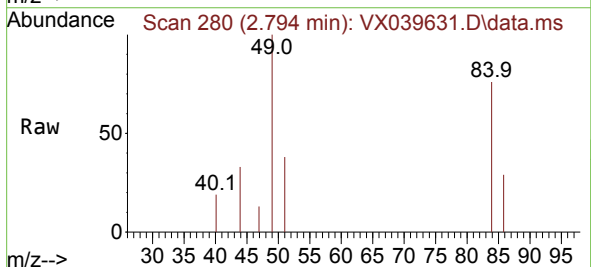
Instrument :
MSVOA_X
ClientSampleId :

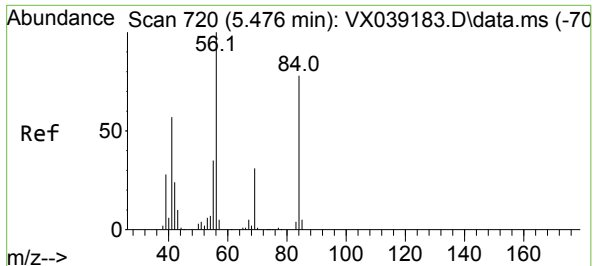
Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
58 27.6 21.9 32.9



#20
Methylene Chloride
Concen: 0.709 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039631.D
Acq: 04 Jan 2024 19:20

Tgt Ion: 84 Resp: 879
Ion Ratio Lower Upper
84 100
49 130.7 103.6 155.4
51 49.4 33.8 50.6
86 38.3 49.4 74.0#

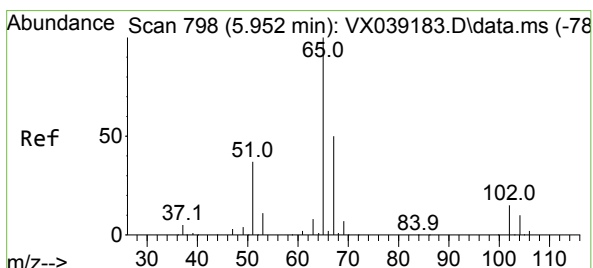
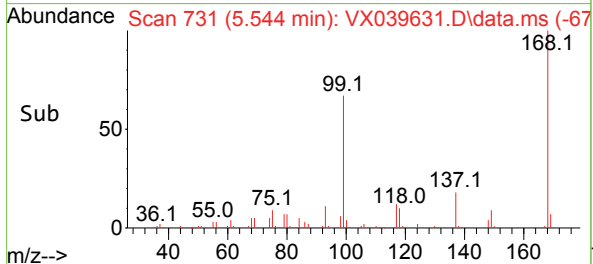
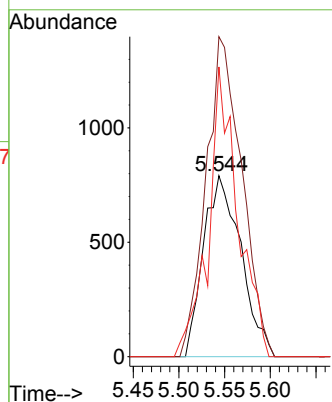
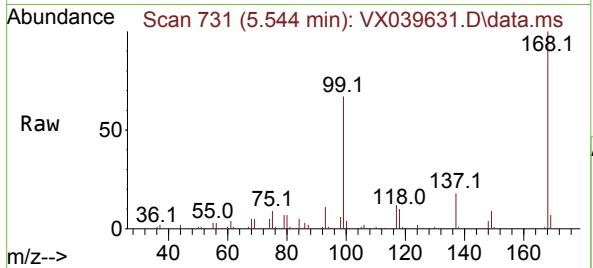




#31
Cyclohexane
Concen: 1.171 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039631.D
Acq: 04 Jan 2024 19:20

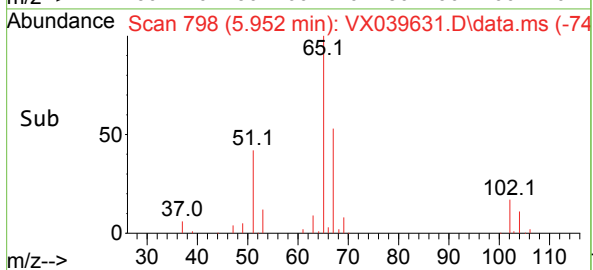
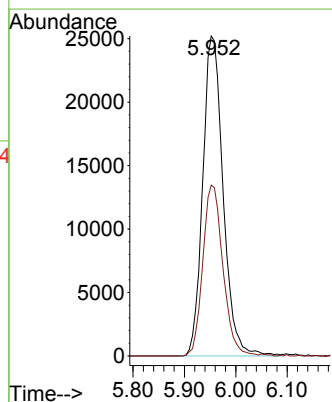
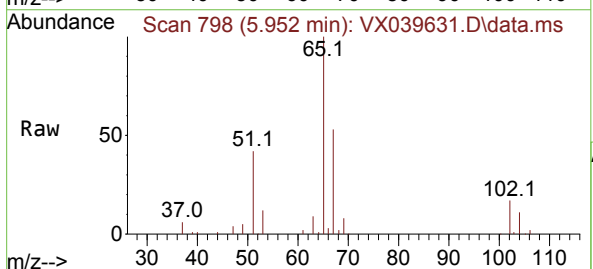
Instrument :
MSVOA_X
ClientSampleId :

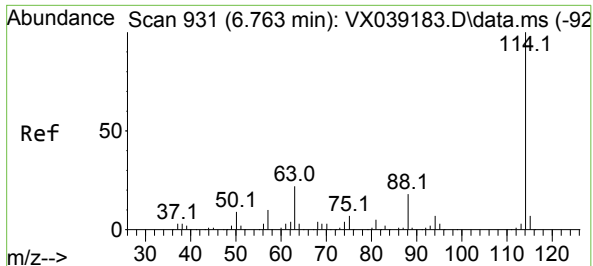
Tgt Ion: 56 Resp: 2248
Ion Ratio Lower Upper
56 100
69 176.9 23.4 35.2#
84 160.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.750 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039631.D
Acq: 04 Jan 2024 19:20

Tgt Ion: 65 Resp: 69495
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

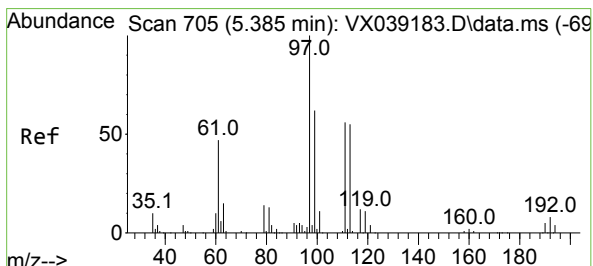
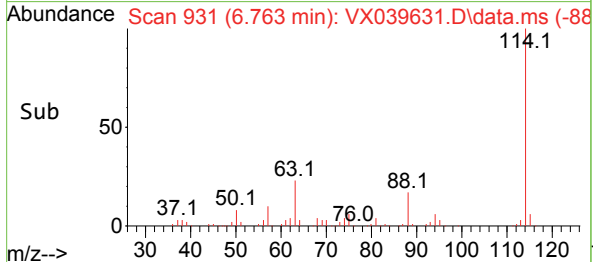
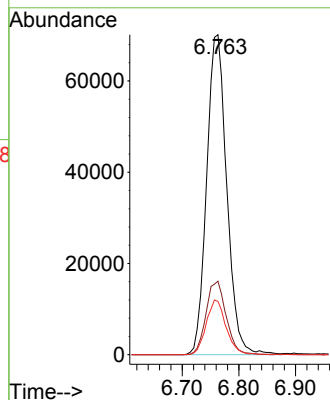
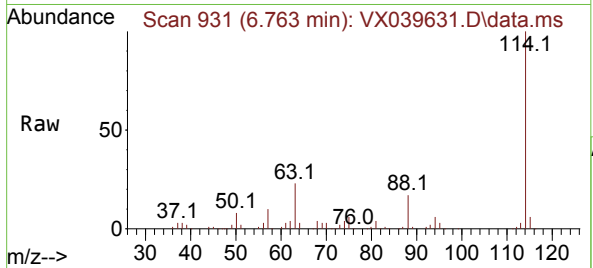




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039631.D
Acq: 04 Jan 2024 19:20

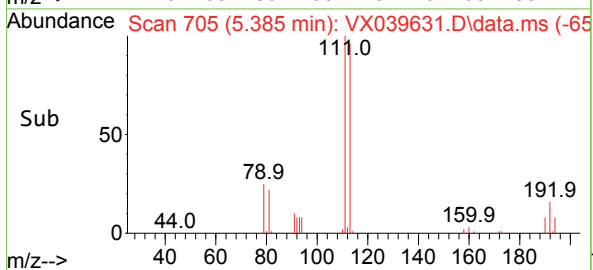
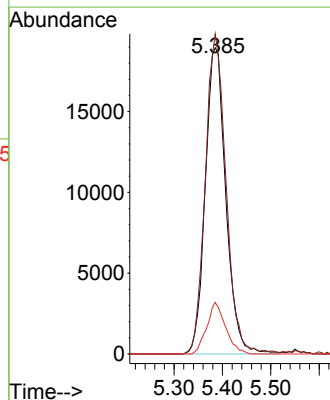
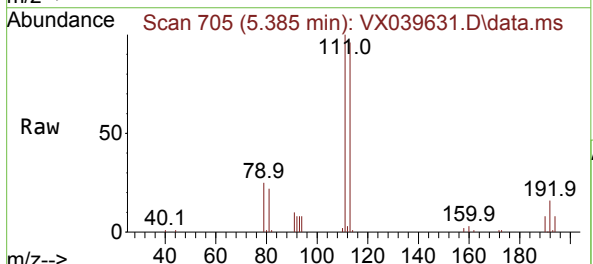
Instrument :
MSVOA_X
ClientSampleId :

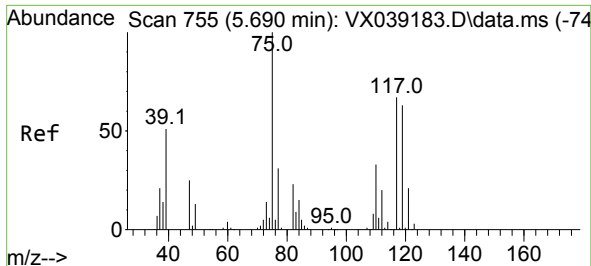
Tgt Ion:114 Resp: 172523
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.074 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039631.D
Acq: 04 Jan 2024 19:20

Tgt Ion:113 Resp: 56106
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 15.4 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.108 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

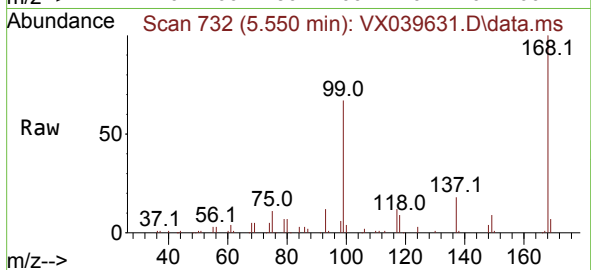
Lab File: VX039631.D

Acq: 04 Jan 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :



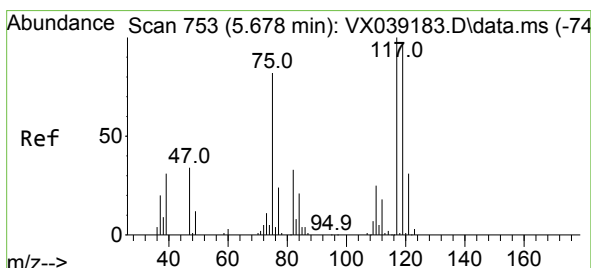
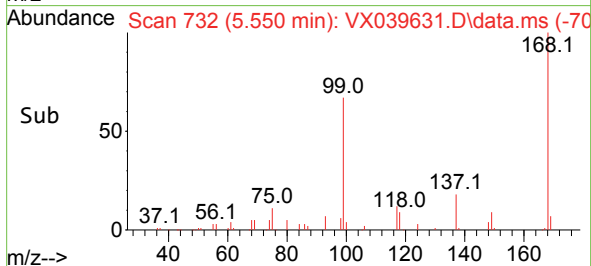
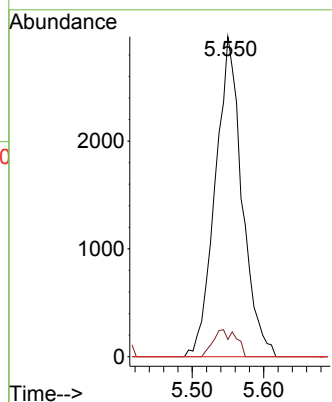
Tgt Ion: 75 Resp: 7726

Ion Ratio Lower Upper

75 100

110 7.2 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.203 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX039631.D

Acq: 04 Jan 2024 19:20

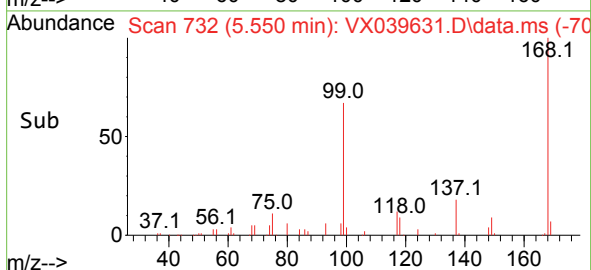
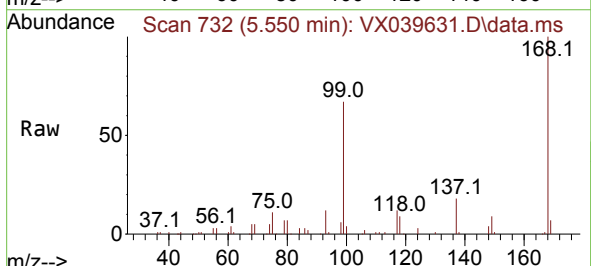
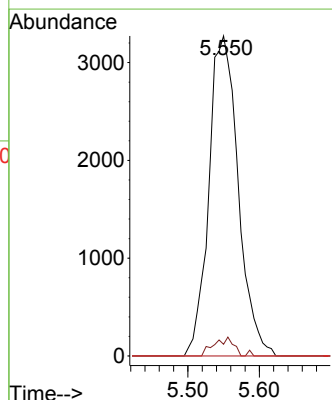
Tgt Ion: 117 Resp: 9338

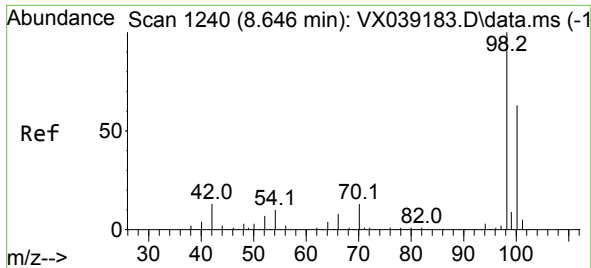
Ion Ratio Lower Upper

117 100

119 3.7 78.2 117.2#

121 0.0 24.4 36.6#

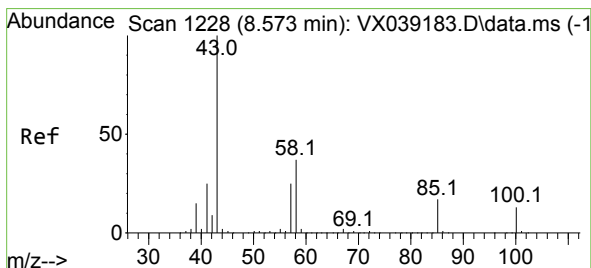
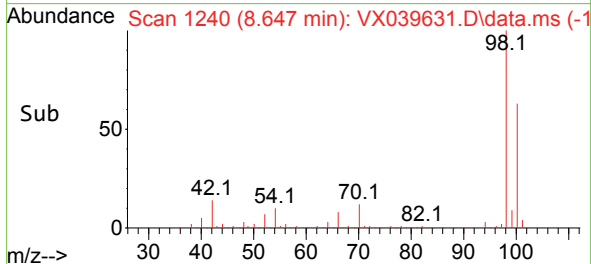
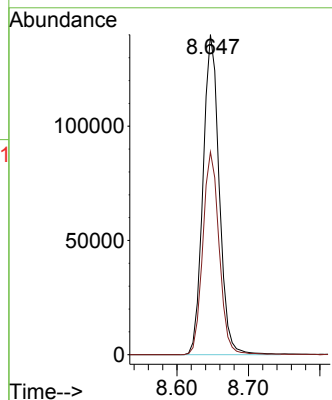
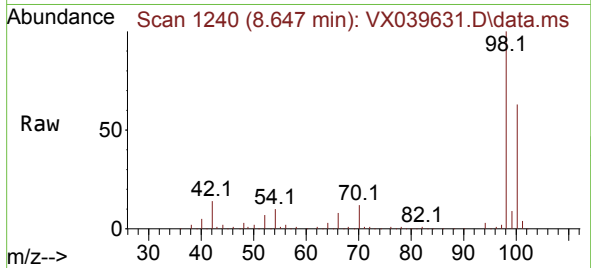




#50
Toluene-d8
Concen: 49.814 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039631.D
Acq: 04 Jan 2024 19:20

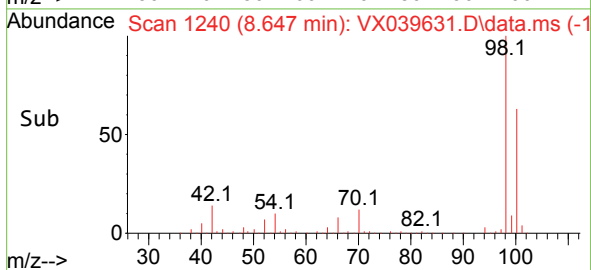
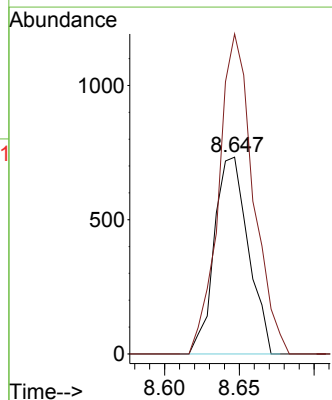
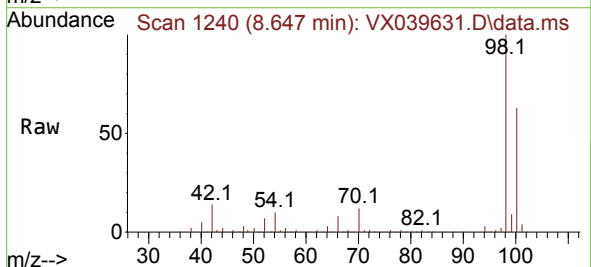
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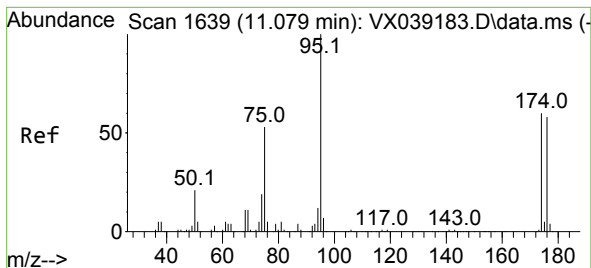
Tgt Ion: 98 Resp: 220419
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039631.D
Acq: 04 Jan 2024 19:20

Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
58 165.9 30.4 45.6#

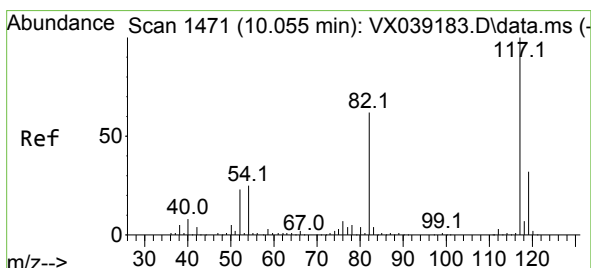
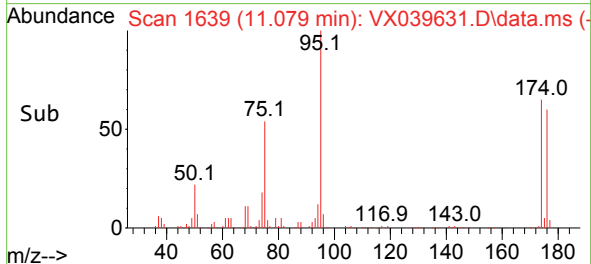
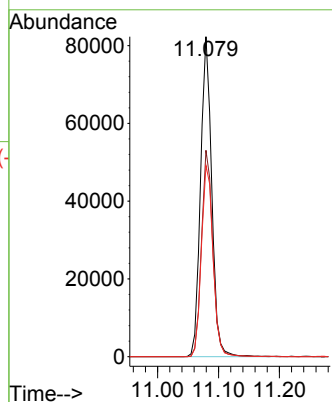
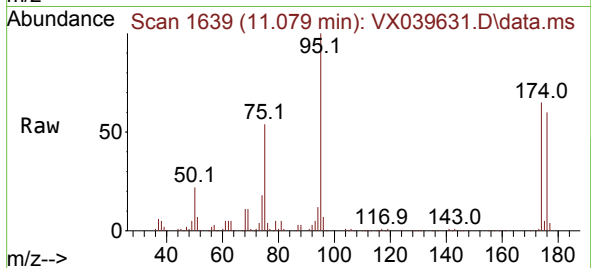




#62
4-Bromofluorobenzene
Concen: 57.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039631.D
Acq: 04 Jan 2024 19:20

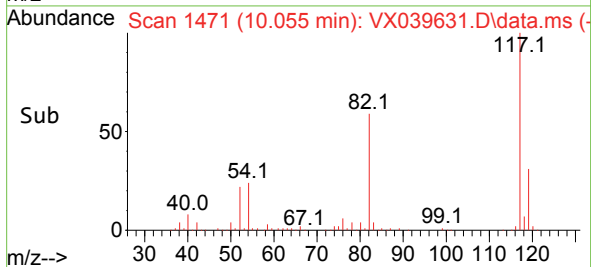
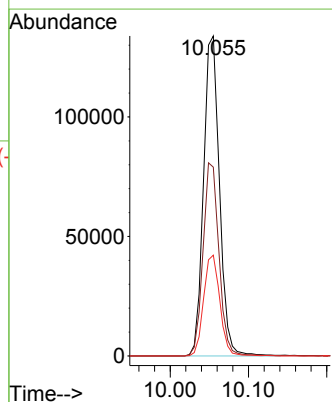
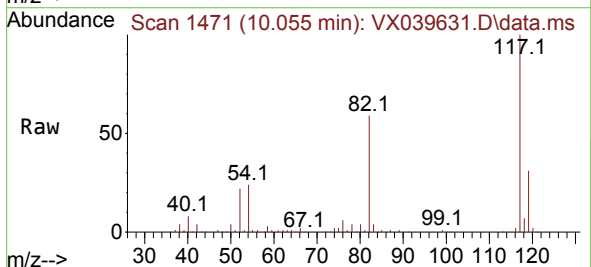
Instrument :
MSVOA_X
ClientSampleId :

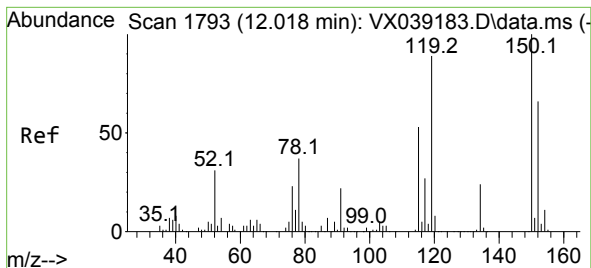
Tgt Ion: 95 Resp: 104600
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.6
176 62.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039631.D
Acq: 04 Jan 2024 19:20

Tgt Ion: 117 Resp: 189194
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039631.D

Acq: 04 Jan 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

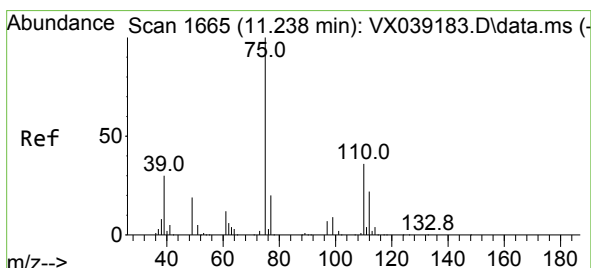
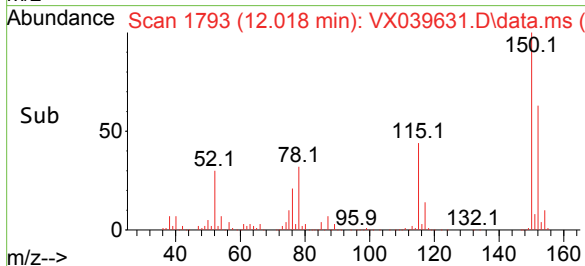
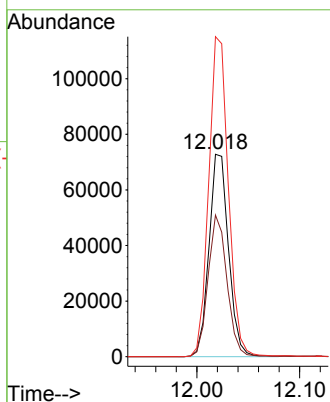
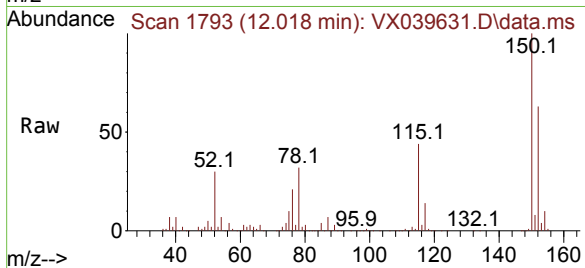
Tgt Ion:152 Resp: 96108

Ion Ratio Lower Upper

152 100

115 67.8 43.3 129.9

150 159.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.726 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039631.D

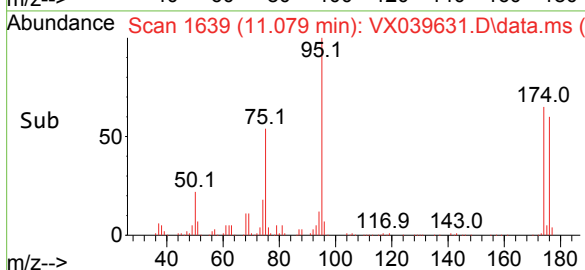
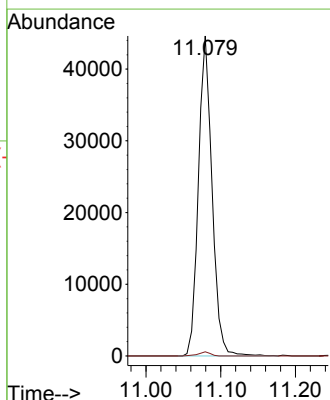
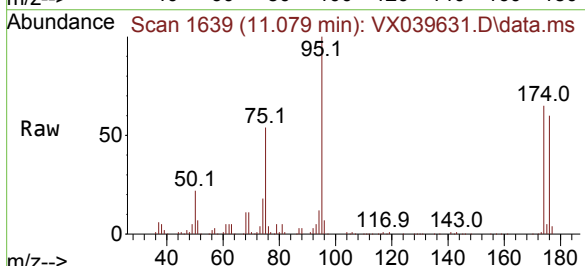
Acq: 04 Jan 2024 19:20

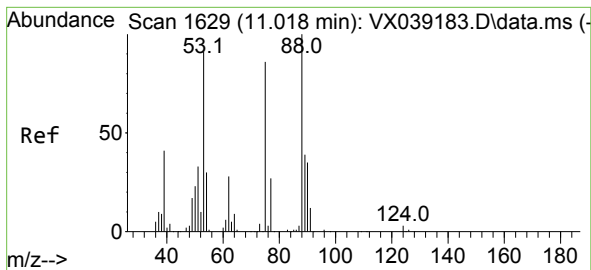
Tgt Ion: 75 Resp: 56508

Ion Ratio Lower Upper

75 100

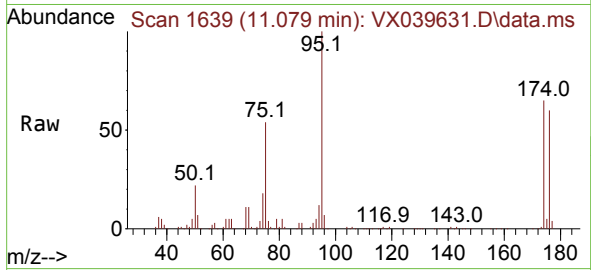
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.110 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039631.D
 Acq: 04 Jan 2024 19:20

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 56508
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

