

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040271.D
 Acq On : 16 Feb 2024 12:27
 Operator : JC/MD
 Sample : P1507-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20240214

Quant Time: Feb 17 01:33:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

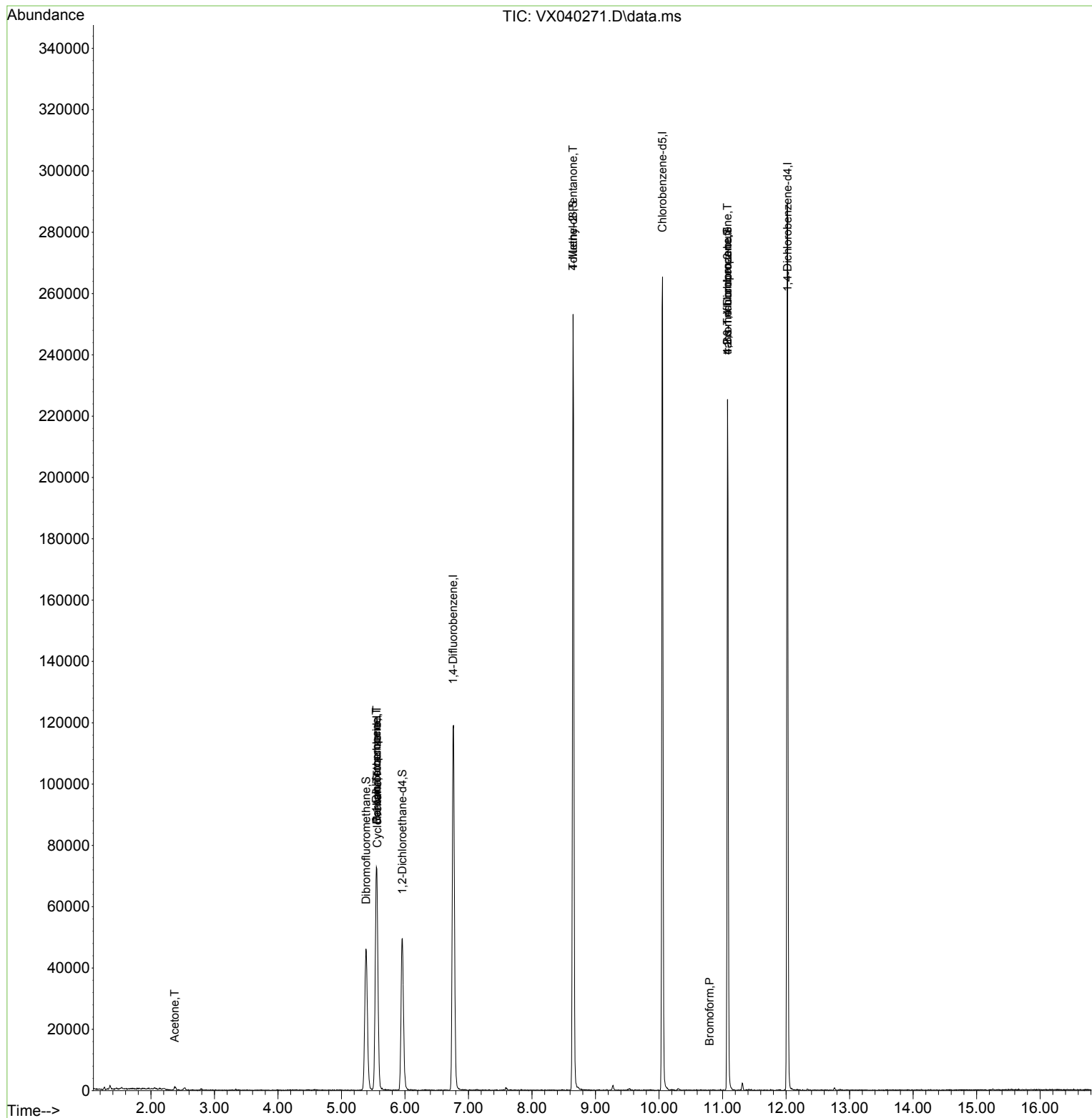
Internal Standards						
1) Pentafluorobenzene	5.556	168	72129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47479	44.246	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.500%		
35) Dibromofluoromethane	5.385	113	41239	48.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	8.647	98	148871	46.412	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.079	95	59265	45.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.600%		
Target Compounds						
16) Acetone	2.373	43	1285	2.916	ug/l	90
20) Methylene Chloride	2.788	84	221	Below Cal	#	55
31) Cyclohexane	5.562	56	1801	1.407	ug/l #	56
36) 1,1-Dichloropropene	5.550	75	5622	4.680	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7279	6.373	ug/l #	11
51) 4-Methyl-2-Pentanone	8.647	43	731	0.513	ug/l #	1
71) Bromoform	10.799	173	20	2.097	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	30631	24.610	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	30631	67.750	ug/l #	5

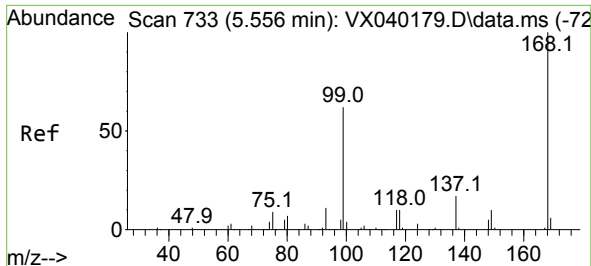
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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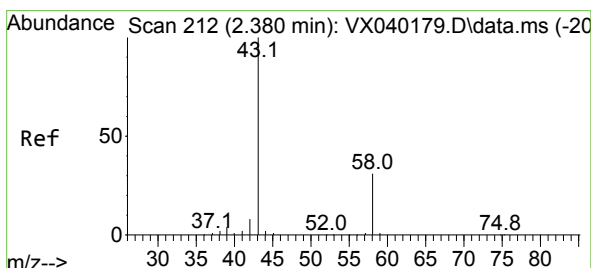
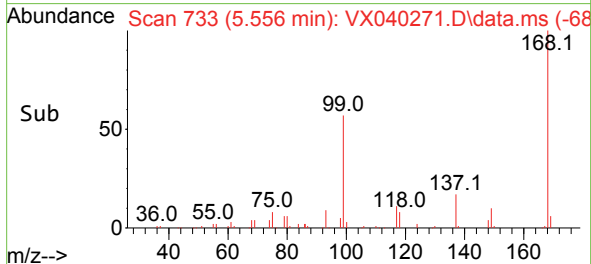
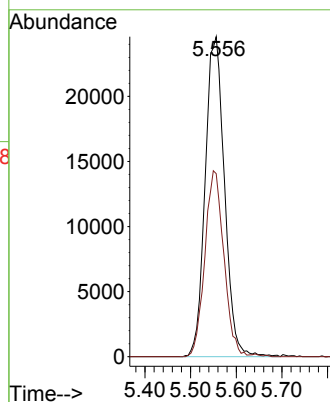
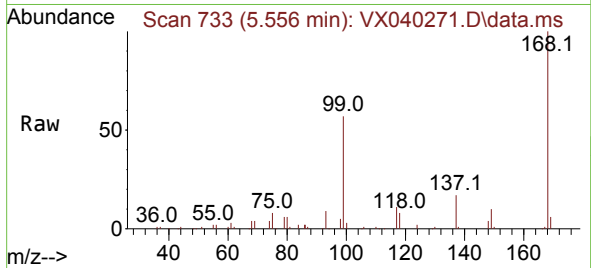




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040271.D
Acq: 16 Feb 2024 12:27

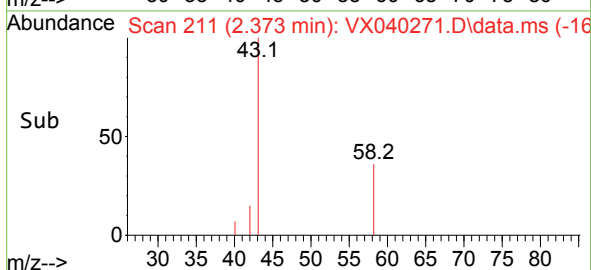
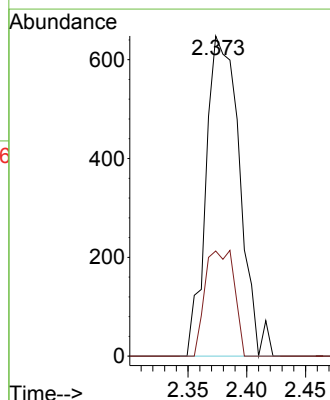
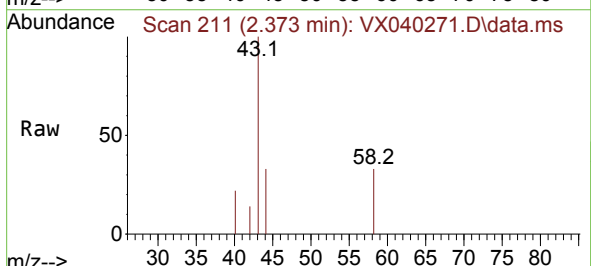
Instrument :
MSVOA_X
ClientSampleId :
EB01-20240214

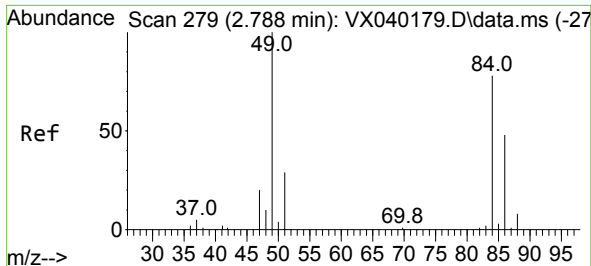
Tgt Ion:168 Resp: 72129
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#16
Acetone
Concen: 2.916 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040271.D
Acq: 16 Feb 2024 12:27

Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040271.D

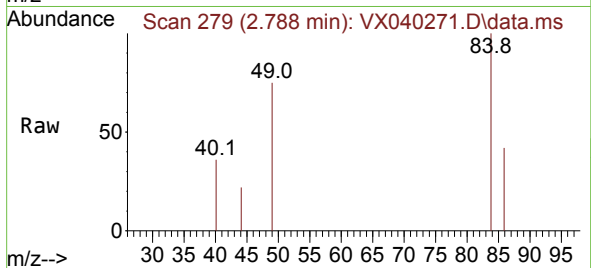
Acq: 16 Feb 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

EB01-20240214



Tgt Ion: 84 Resp: 221

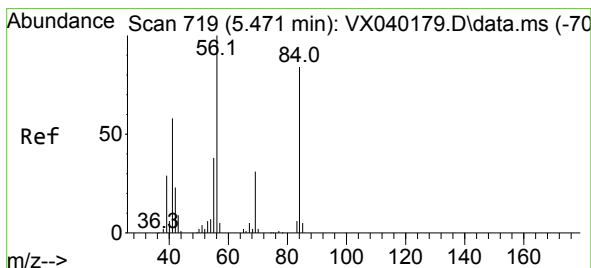
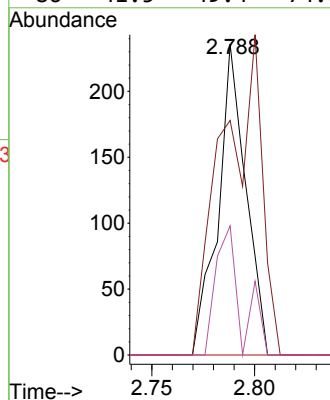
Ion Ratio Lower Upper

84 100

49 75.4 103.6 155.4#

51 0.0 33.8 50.6#

86 41.5 49.4 74.0#



#31

Cyclohexane

Concen: 1.407 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.092 min

Lab File: VX040271.D

Acq: 16 Feb 2024 12:27

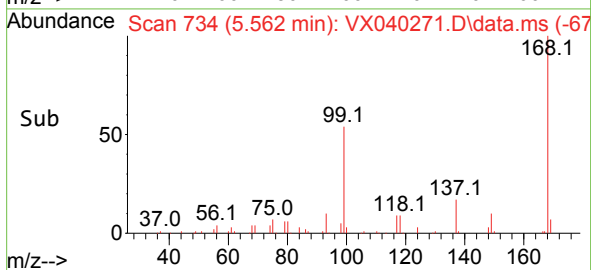
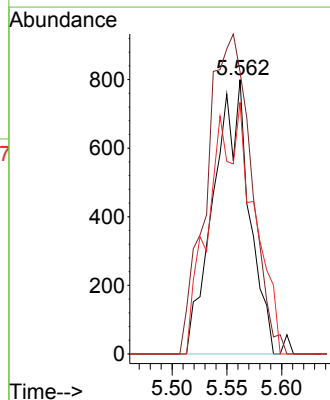
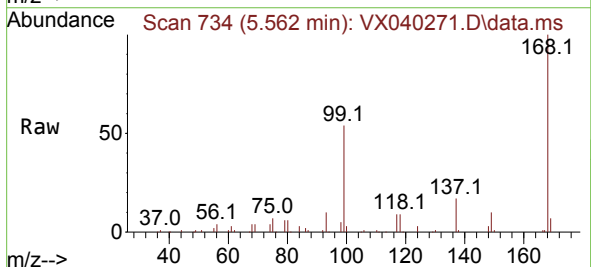
Tgt Ion: 56 Resp: 1801

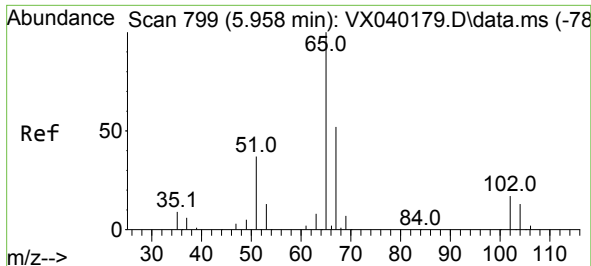
Ion Ratio Lower Upper

56 100

69 102.9 23.4 35.2#

84 91.8 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 44.246 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040271.D

Acq: 16 Feb 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

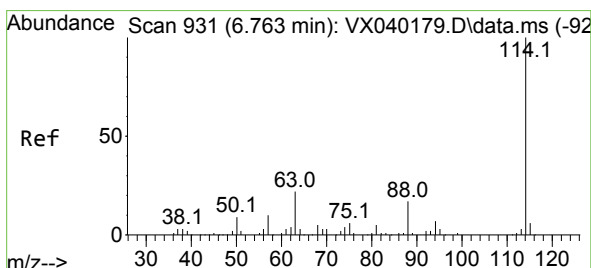
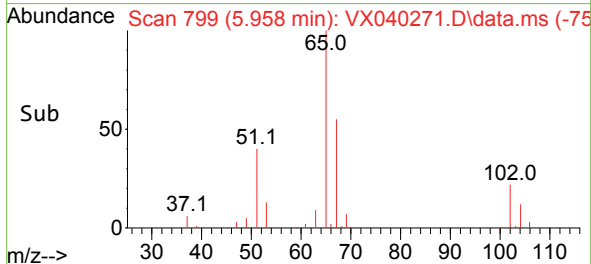
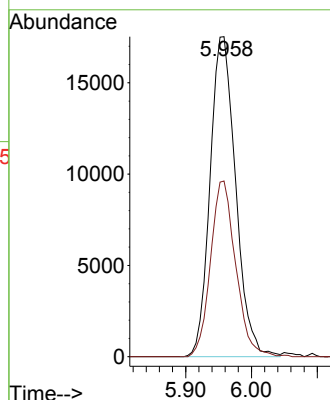
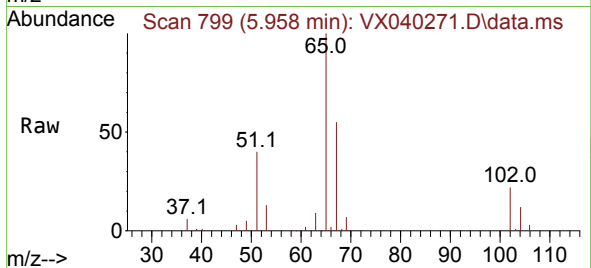
EB01-20240214

Tgt Ion: 65 Resp: 47479

Ion Ratio Lower Upper

65 100

67 54.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040271.D

Acq: 16 Feb 2024 12:27

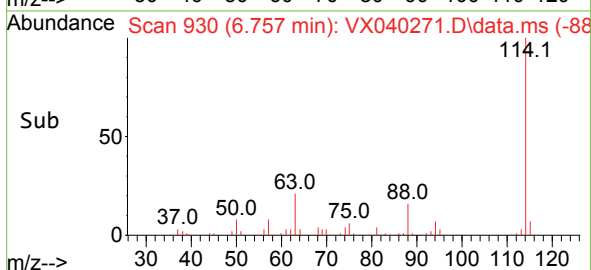
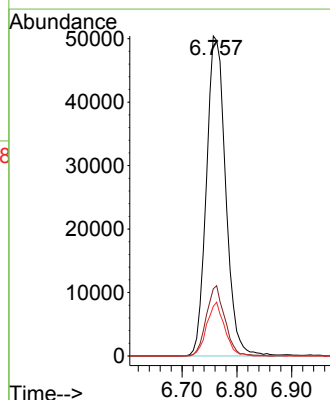
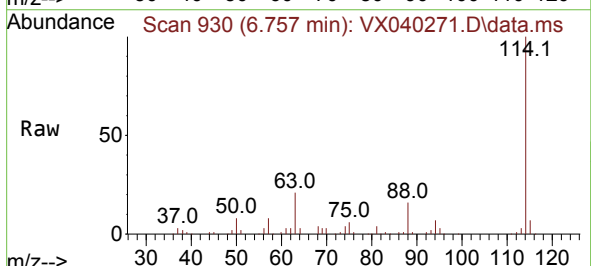
Tgt Ion: 114 Resp: 122788

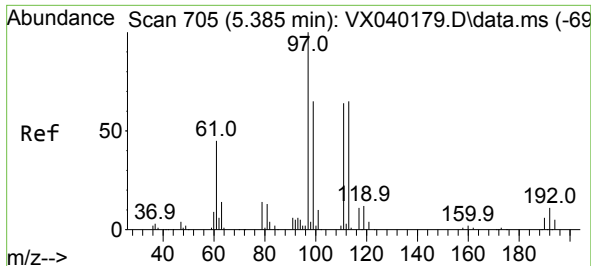
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 15.5 0.0 36.6

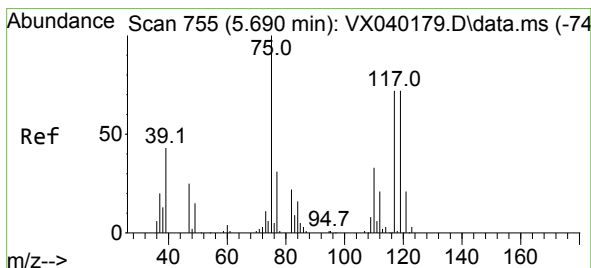
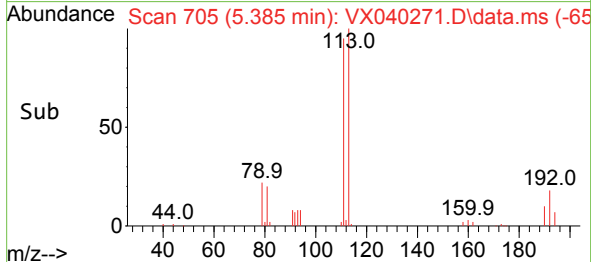
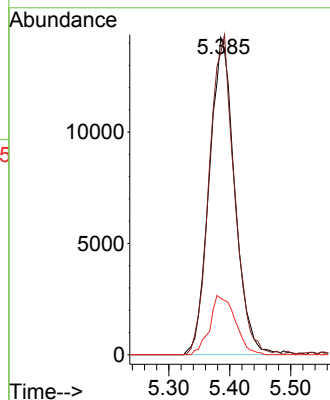
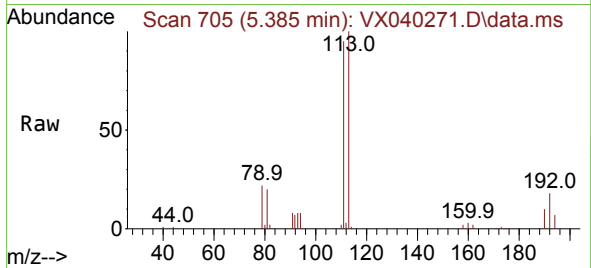




#35
Dibromofluoromethane
Concen: 48.093 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040271.D
Acq: 16 Feb 2024 12:27

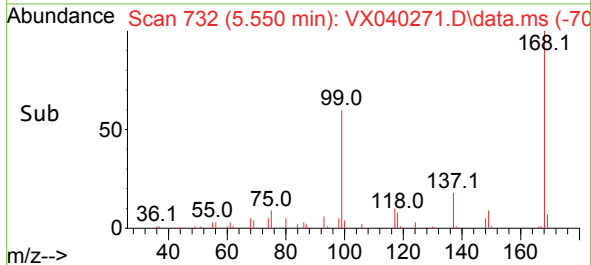
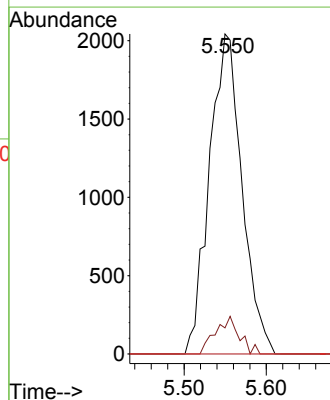
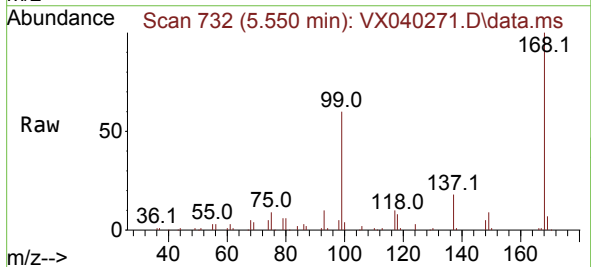
Instrument :
MSVOA_X
ClientSampleId :
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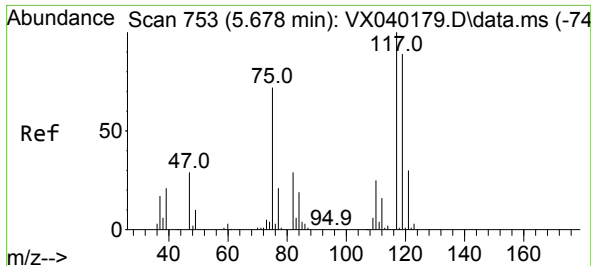
Tgt Ion:113 Resp: 41239
Ion Ratio Lower Upper
113 100
111 100.1 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.680 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040271.D
Acq: 16 Feb 2024 12:27

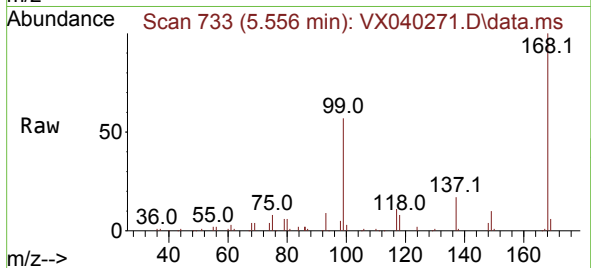
Tgt Ion: 75 Resp: 5622
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



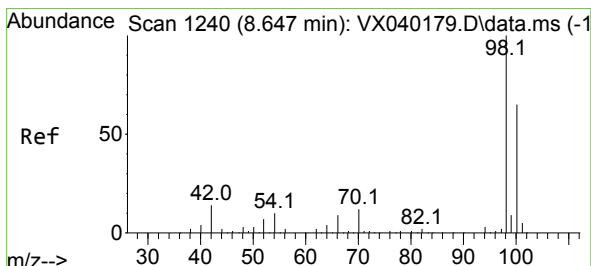
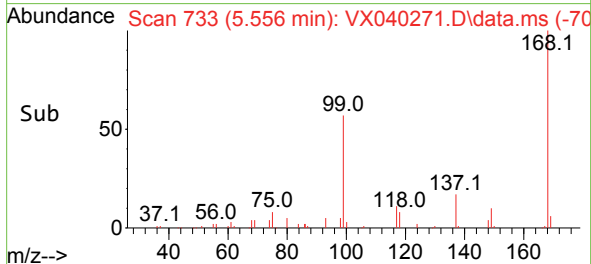
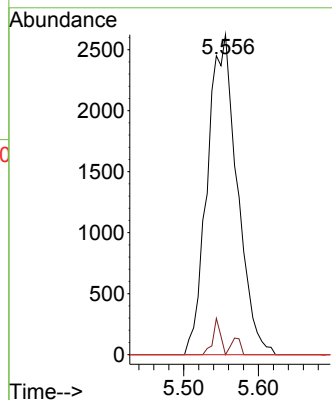


#38
Carbon Tetrachloride
Concen: 6.373 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX040271.D
Acq: 16 Feb 2024 12:27

Instrument :
MSVOA_X
ClientSampleId :
EB01-20240214

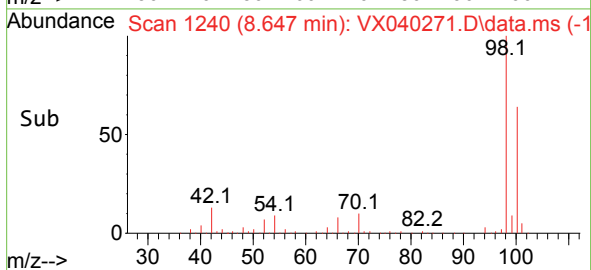
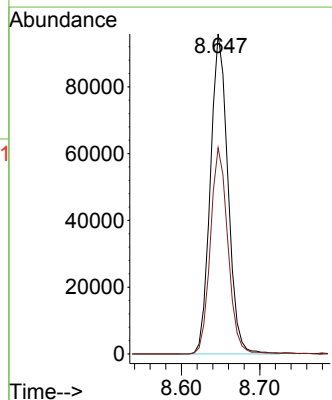
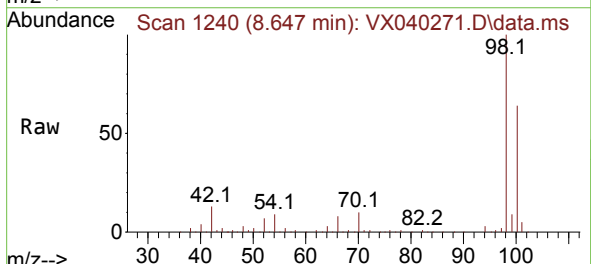


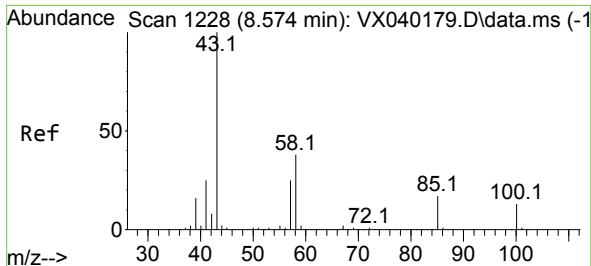
Tgt Ion:117 Resp: 7279
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.412 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040271.D
Acq: 16 Feb 2024 12:27

Tgt Ion: 98 Resp: 148871
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

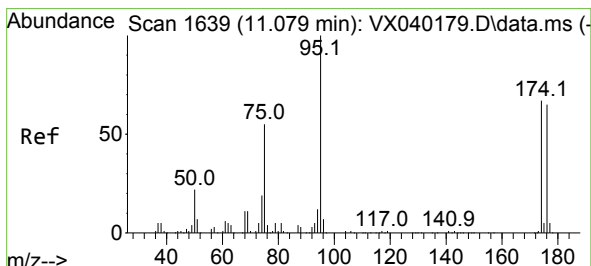
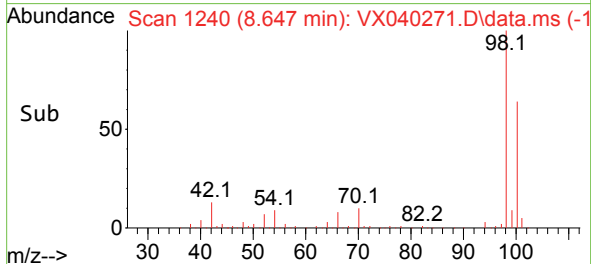
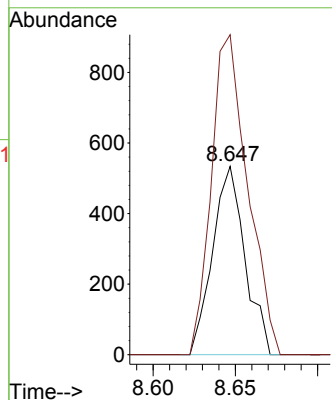
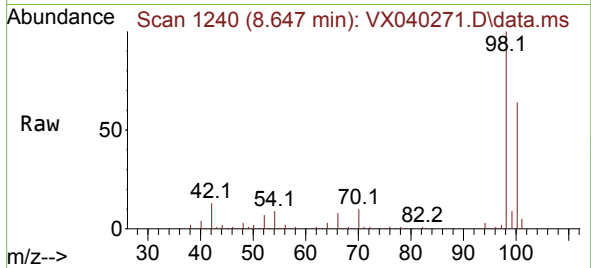




#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040271.D
Acq: 16 Feb 2024 12:27

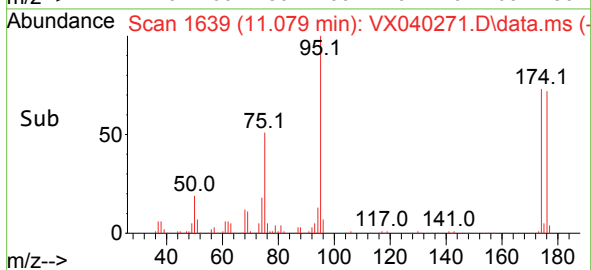
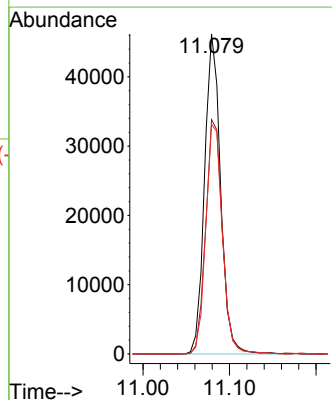
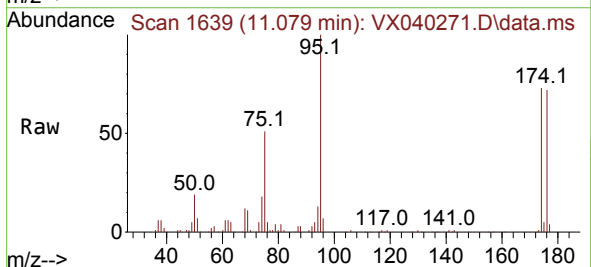
Instrument :
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ClientSampleId :
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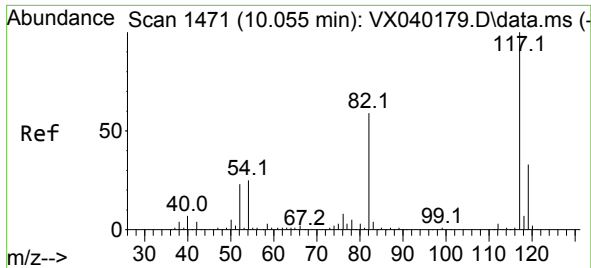
Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 190.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.303 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040271.D
Acq: 16 Feb 2024 12:27

Tgt Ion: 95 Resp: 59265
Ion Ratio Lower Upper
95 100
174 76.8 0.0 135.6
176 74.6 0.0 131.0

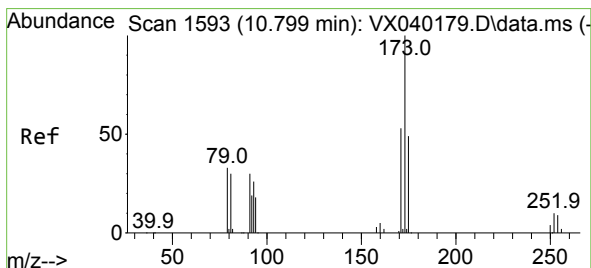
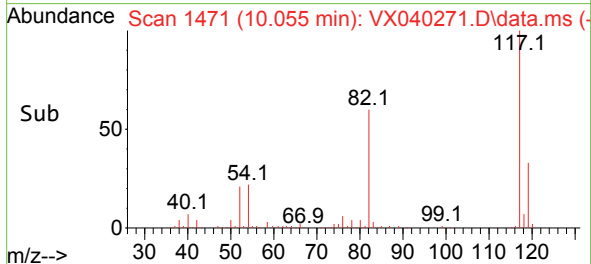
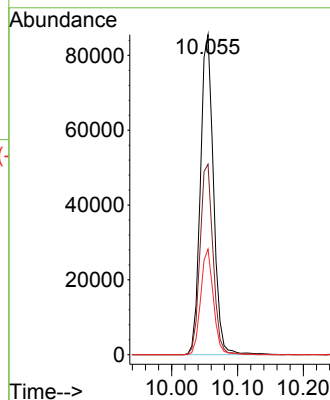
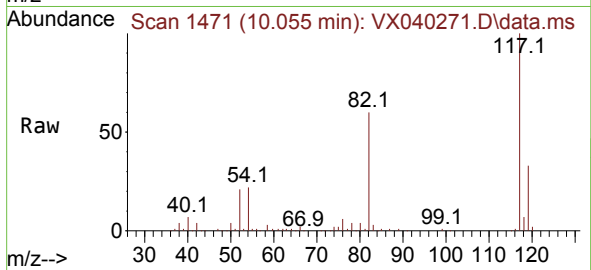




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040271.D
Acq: 16 Feb 2024 12:27

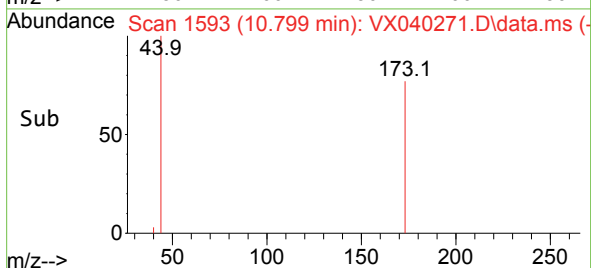
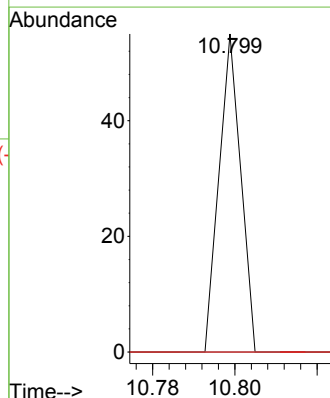
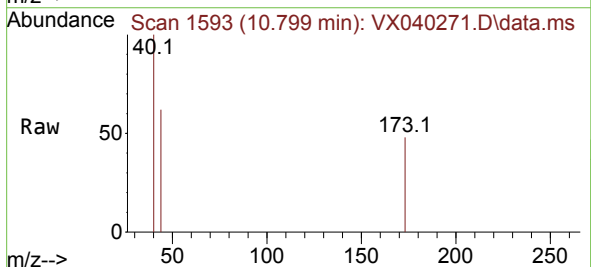
Instrument :
MSVOA_X
ClientSampleId :
EB01-20240214

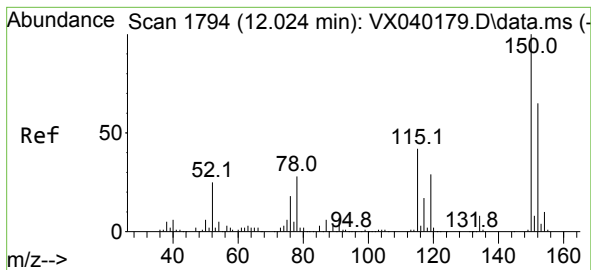
Tgt Ion:117 Resp: 118445
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 33.0 25.5 38.3



#71
Bromoform
Concen: 2.097 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040271.D
Acq: 16 Feb 2024 12:27

Tgt Ion:173 Resp: 20
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040271.D

Acq: 16 Feb 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

EB01-20240214

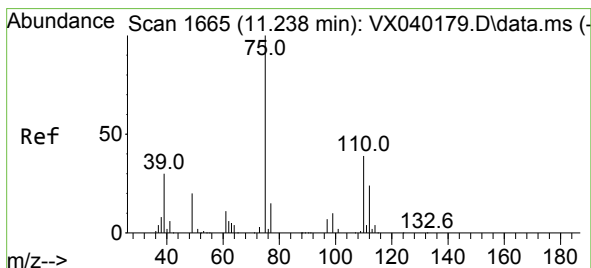
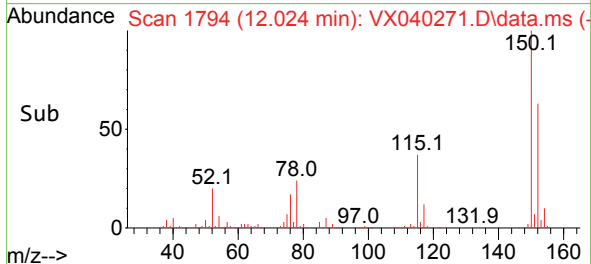
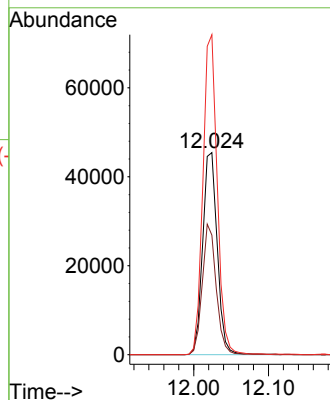
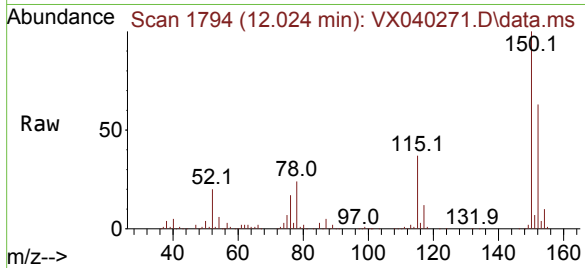
Tgt Ion:152 Resp: 61464

Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 155.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.610 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040271.D

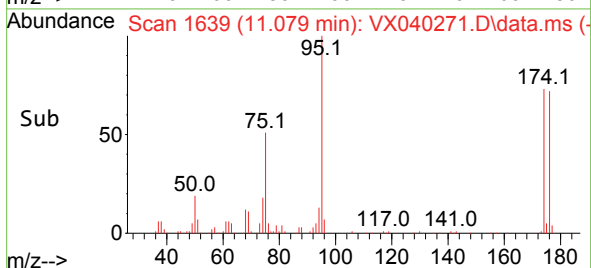
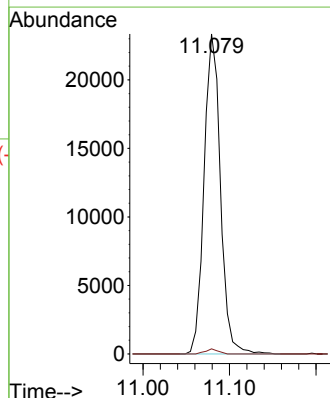
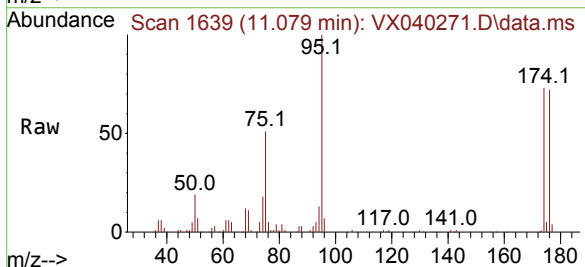
Acq: 16 Feb 2024 12:27

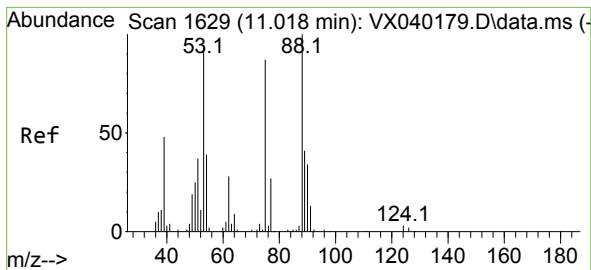
Tgt Ion: 75 Resp: 30631

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.750 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040271.D
 Acq: 16 Feb 2024 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20240214

Tgt Ion: 75 Resp: 30631
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

