

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026552.D
 Acq On : 24 Jun 2022 13:52
 Operator : SY/MD
 Sample : N3474-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA5

Quant Time: Jun 25 02:34:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	249155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	227908	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	109890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	70628	3.525	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.581	69	62374	3.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.121	63	99868	2.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	3.918	46	89531	44.943	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.880%
24) Chloroform-d	4.362	84	132277	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.043	65	53148	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.060	84	263401	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.076	67	77842	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.320	98	223020	3.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.629	79	19694	4.232	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.092	63	70058	39.528	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48183	4.091	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	79588	4.376	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	1630	0.079	ug/L #	77
8) Chloroethane	1.462	64	408910	27.215	ug/L #	56
14) Carbon disulfide	2.310	76	2989	0.067	ug/L	100
25) Chloroform	4.384	83	2777	0.084	ug/L	84
33) Benzene	5.114	78	8966	0.135	ug/L	100
37) 1,2-Dichloropropane	6.076	63	8209	0.512	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1413	0.088	ug/L #	58
44) trans-1,3-Dichloropropene	7.632	75	926	0.077	ug/L	93
52) Ethylbenzene	9.014	91	76547	1.077	ug/L	99
53) m,p-Xylene	9.146	106	10899	0.393	ug/L	99
54) o-Xylene	9.545	106	4089	0.157	ug/L	98
60) Isopropylbenzene	9.931	105	206221	3.043	ug/L	99
62) 1,3,5-Trimethylbenzene	11.336	105	9738	0.182	ug/L	90
63) 1,2,4-Trimethylbenzene	11.336	105	9738	0.184	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.406	75	196	0.154	ug/L #	1
71) Naphthalene	13.503	128	36015	1.649	ug/L #	92

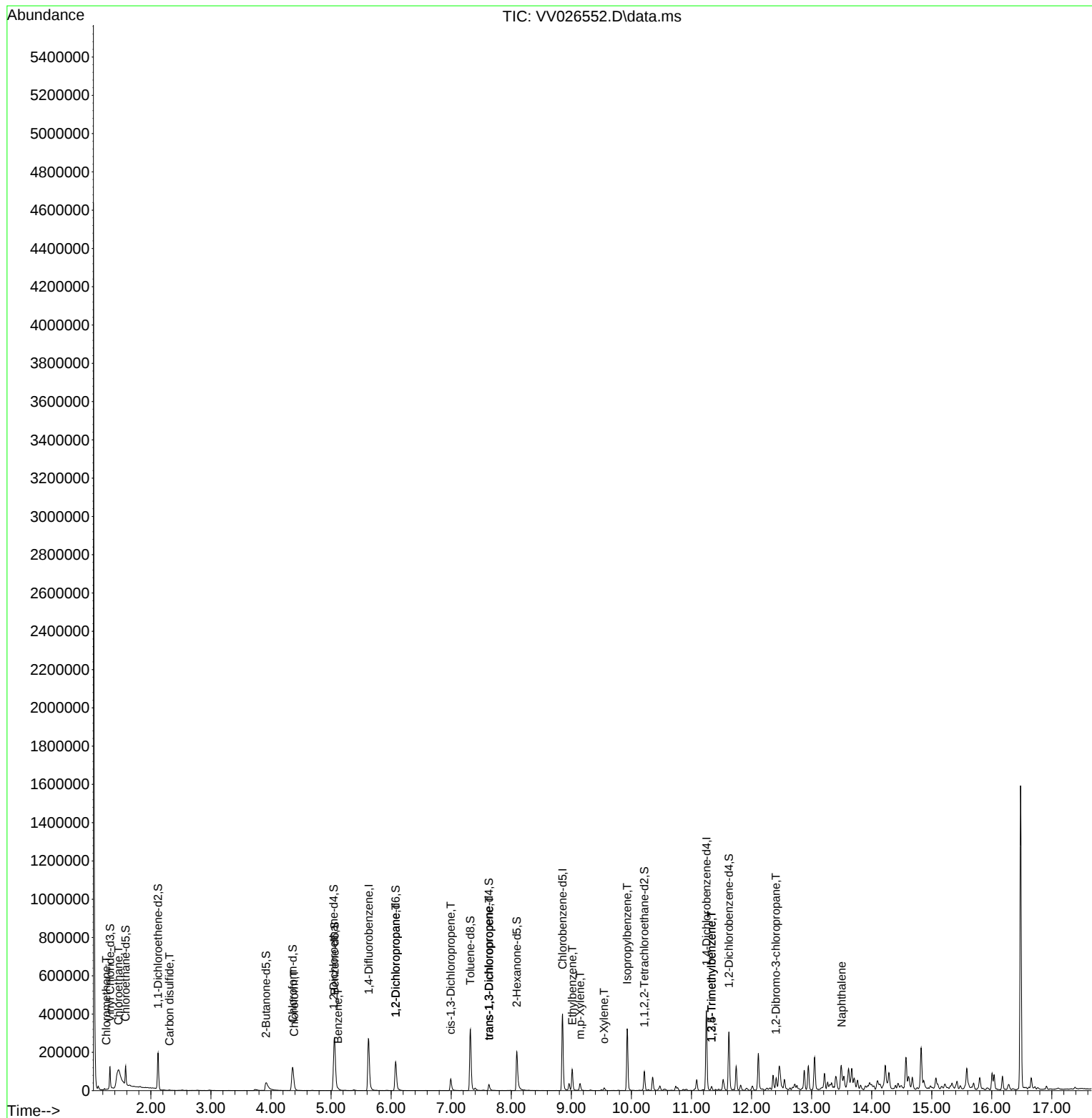
(#) = qualifier out of range (m) = manual integration (+) = signals summed

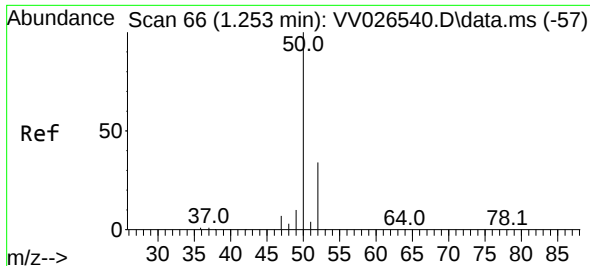
Instrument :
MSVOA_V
ClientSampleId :
C0AA5

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026552.D
Acq On : 24 Jun 2022 13:52
Operator : SY/MD
Sample : N3474-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA5

Quant Time: Jun 25 02:34:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 25 02:21:54 2022
Response via : Initial Calibration

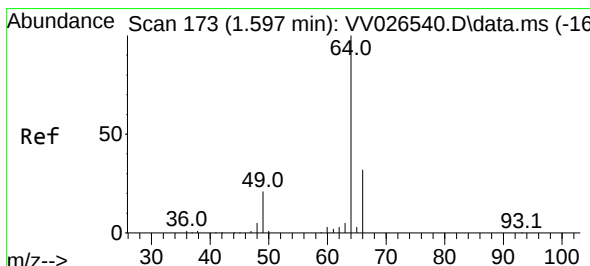
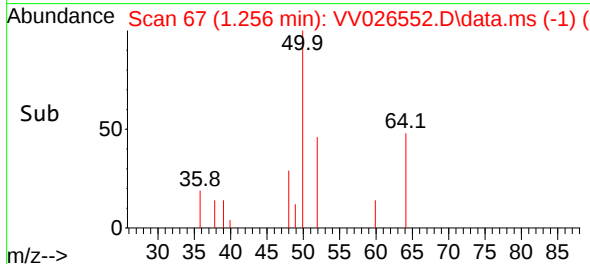
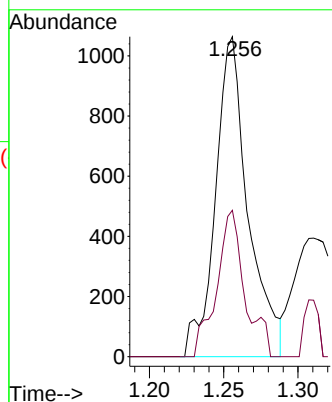
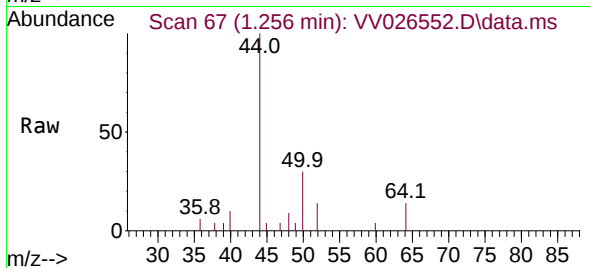




#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026552.D
Acq: 24 Jun 2022 13:52

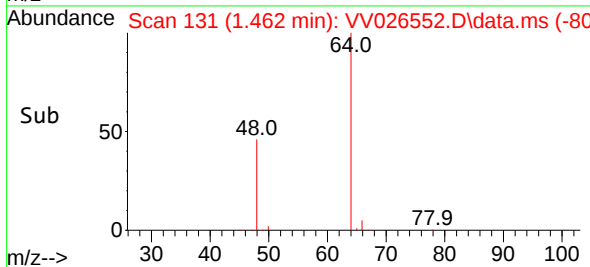
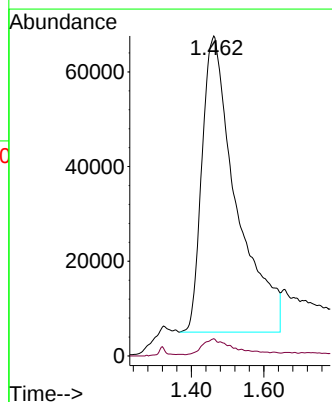
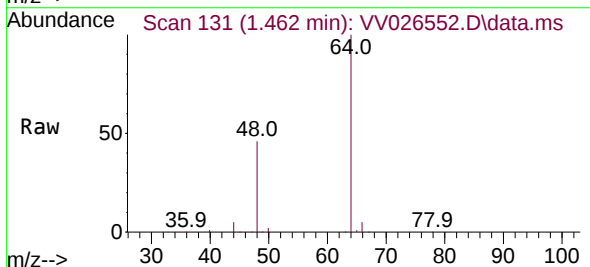
Instrument :
MSVOA_V
ClientSampleId :
C0AA5

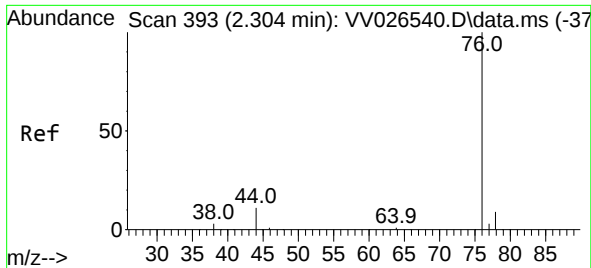
Tgt Ion: 50 Resp: 1630
Ion Ratio Lower Upper
50 100
52 45.8 23.0 42.6#



#8
Chloroethane
Concen: 27.215 ug/L
RT: 1.462 min Scan# 131
Delta R.T. -0.135 min
Lab File: VV026552.D
Acq: 24 Jun 2022 13:52

Tgt Ion: 64 Resp: 408910
Ion Ratio Lower Upper
64 100
66 5.4 20.0 37.2#

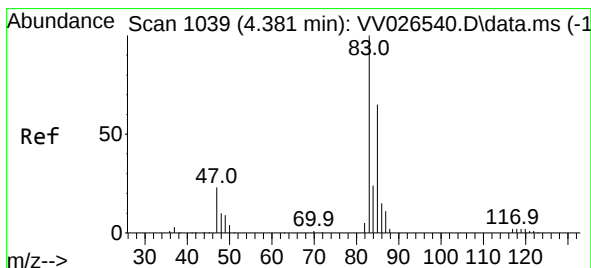
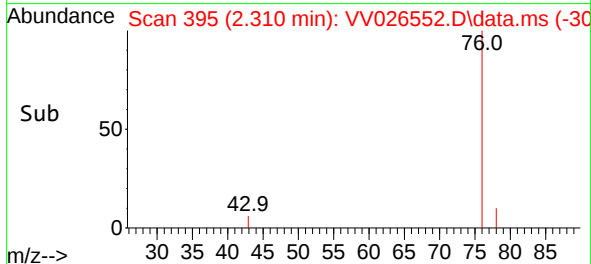
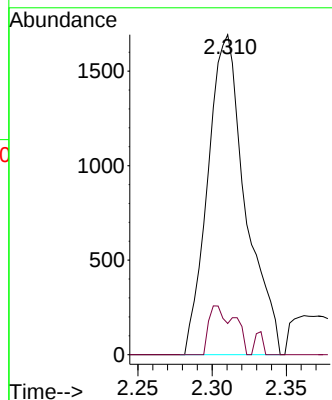
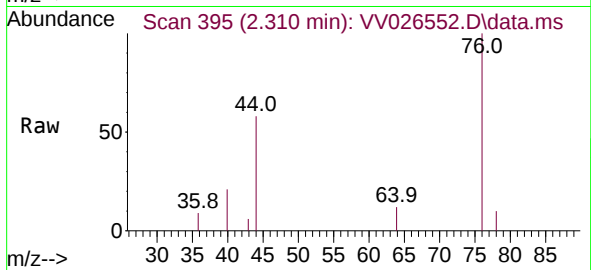




#14
Carbon disulfide
Concen: 0.067 ug/L
RT: 2.310 min Scan# 393
Delta R.T. 0.006 min
Lab File: VV026552.D
Acq: 24 Jun 2022 13:52

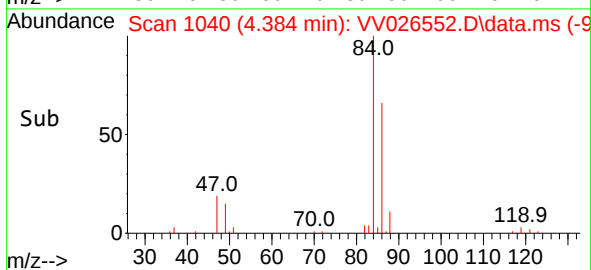
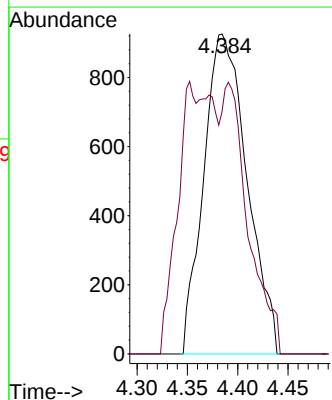
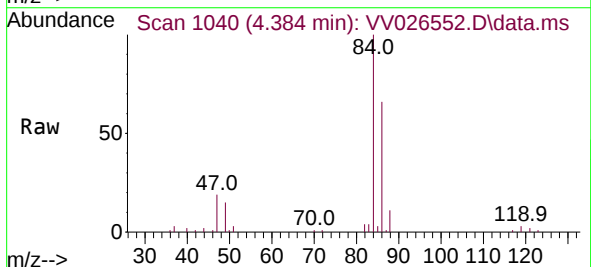
Instrument :
MSVOA_V
ClientSampleId :
C0AA5

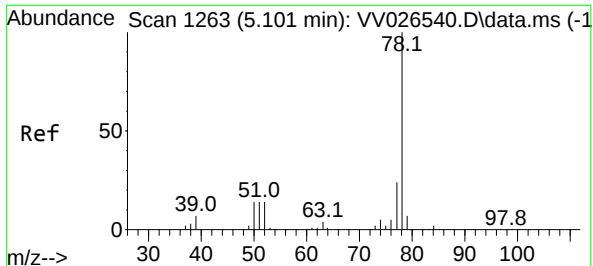
Tgt Ion: 76 Resp: 2989
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6



#25
Chloroform
Concen: 0.084 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VV026552.D
Acq: 24 Jun 2022 13:52

Tgt Ion: 83 Resp: 2777
Ion Ratio Lower Upper
83 100
85 75.6 44.0 81.8

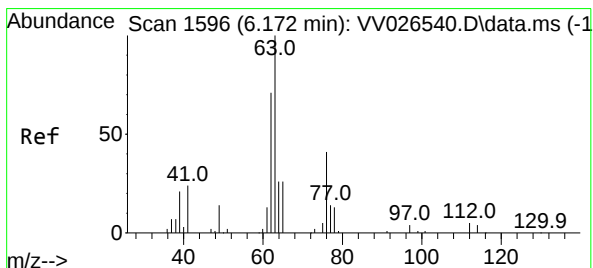
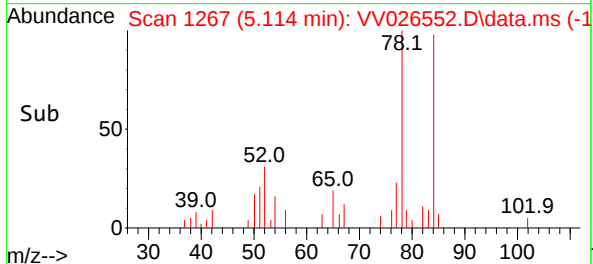
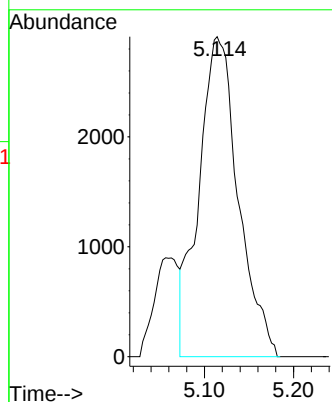
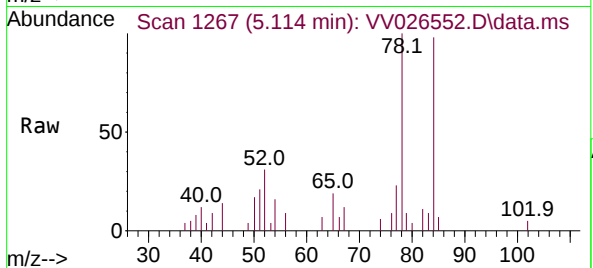




#33
Benzene
Concen: 0.135 ug/L
RT: 5.114 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026552.D
Acq: 24 Jun 2022 13:52

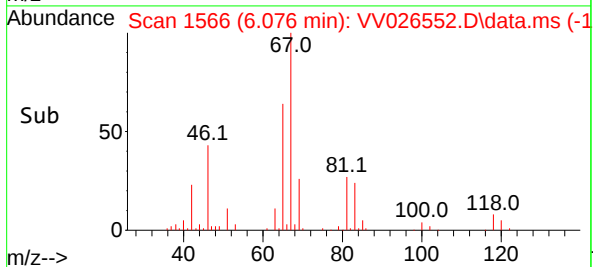
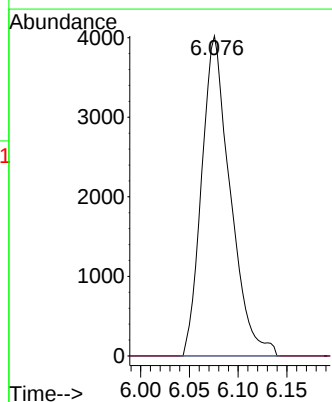
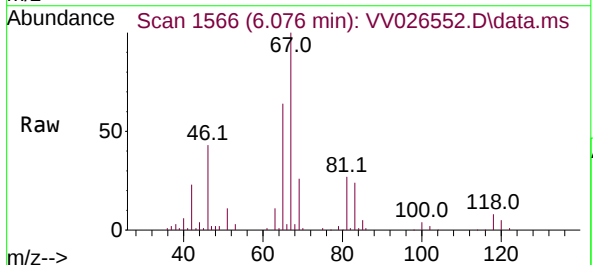
Instrument :
MSVOA_V
ClientSampleId :
C0AA5

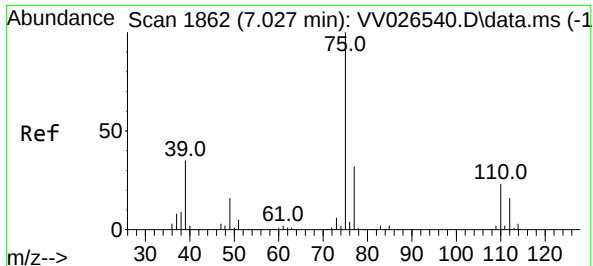
Tgt Ion: 78 Resp: 8966



#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.096 min
Lab File: VV026552.D
Acq: 24 Jun 2022 13:52

Tgt Ion: 63 Resp: 8209
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.992 min Scan# 1862

Delta R.T. -0.035 min

Lab File: VV026552.D

Acq: 24 Jun 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

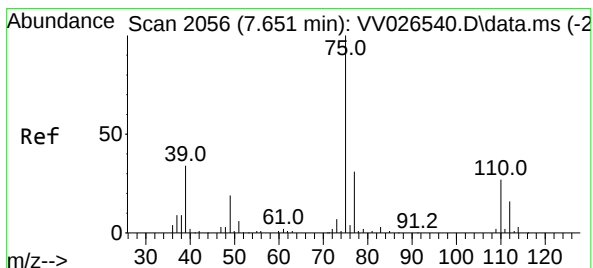
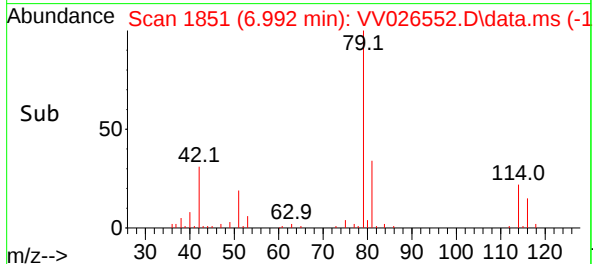
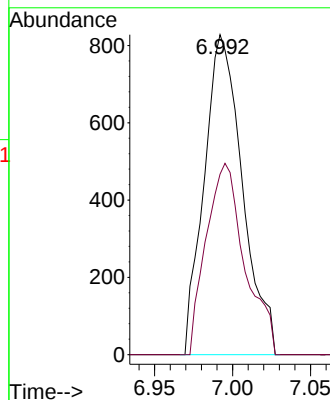
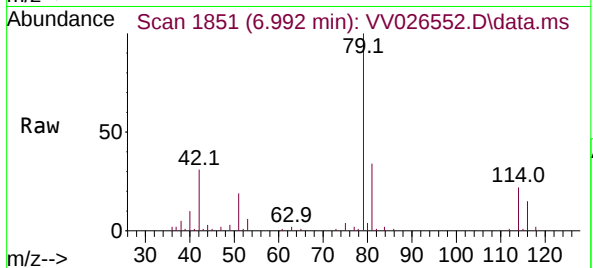
C0AA5

Tgt Ion: 75 Resp: 1413

Ion Ratio Lower Upper

75 100

77 56.4 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.019 min

Lab File: VV026552.D

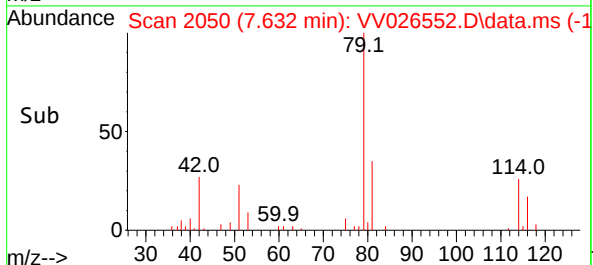
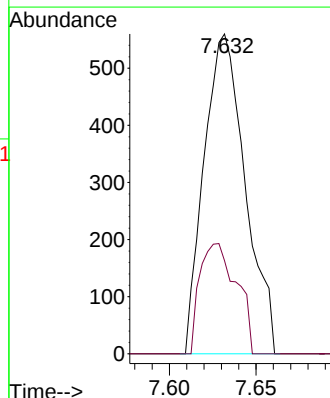
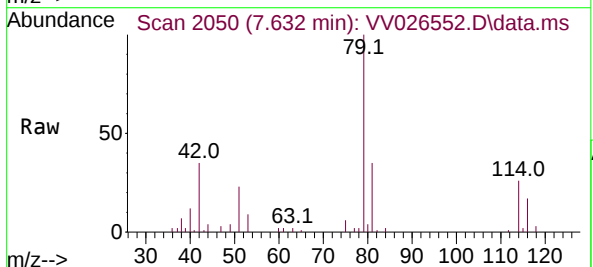
Acq: 24 Jun 2022 13:52

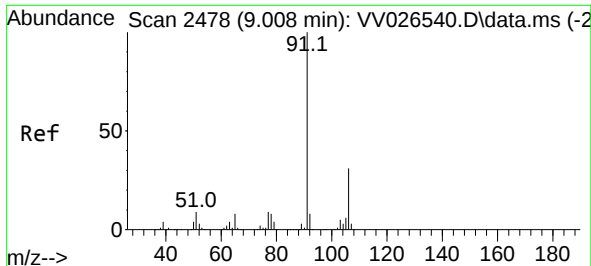
Tgt Ion: 75 Resp: 926

Ion Ratio Lower Upper

75 100

77 29.1 23.1 42.9





#52

Ethylbenzene

Concen: 1.077 ug/L

RT: 9.014 min Scan# 2478

Delta R.T. 0.006 min

Lab File: VV026552.D

Acq: 24 Jun 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

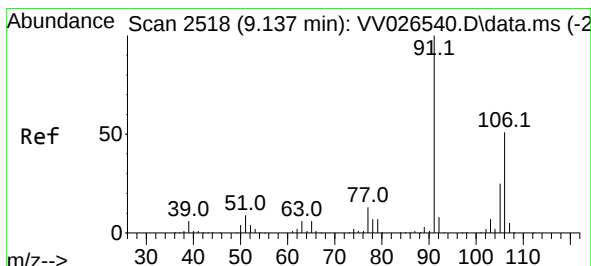
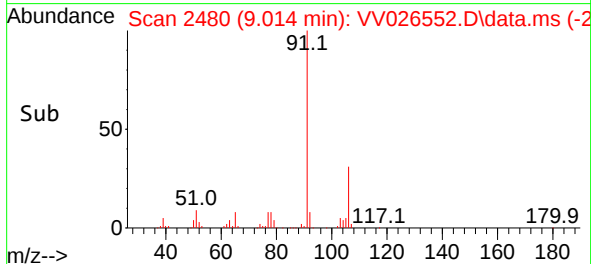
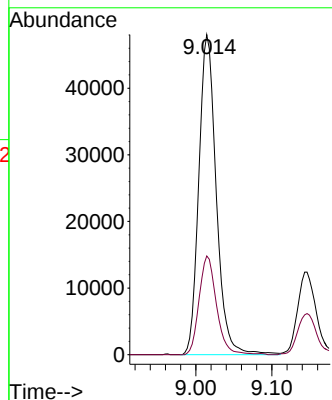
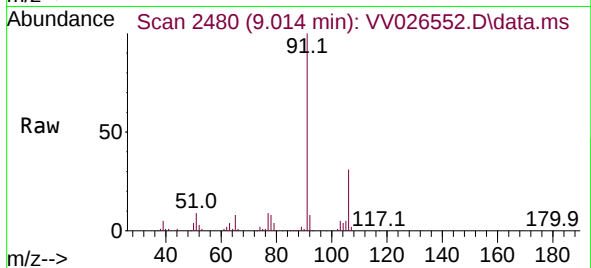
C0AA5

Tgt Ion: 91 Resp: 76547

Ion Ratio Lower Upper

91 100

106 30.9 22.1 41.1



#53

m,p-Xylene

Concen: 0.393 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV026552.D

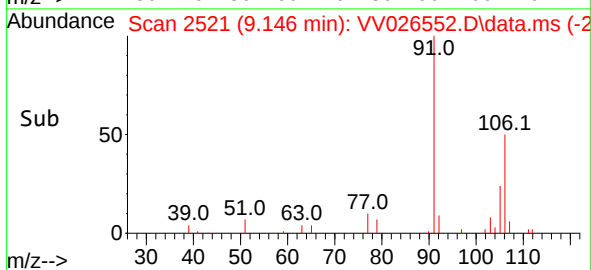
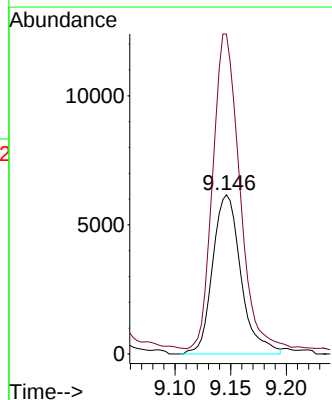
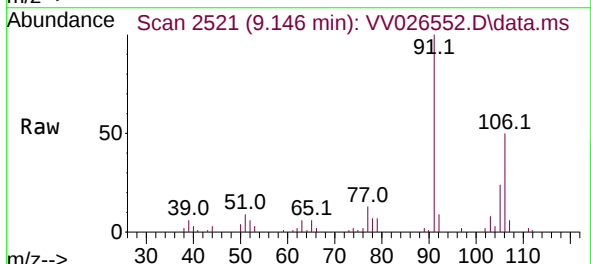
Acq: 24 Jun 2022 13:52

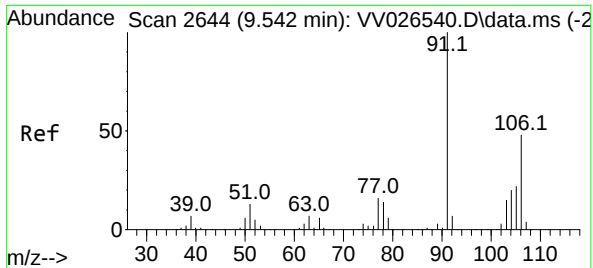
Tgt Ion:106 Resp: 10899

Ion Ratio Lower Upper

106 100

91 201.0 139.9 259.9

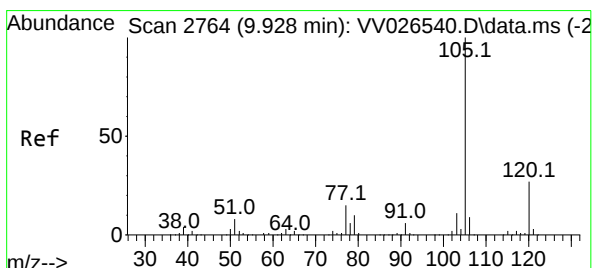
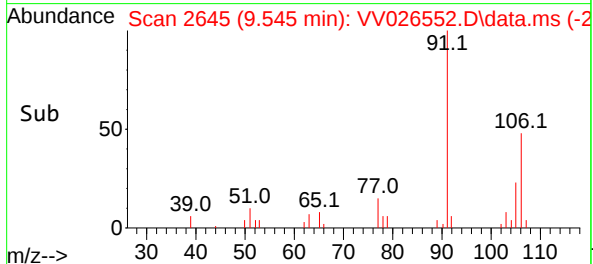
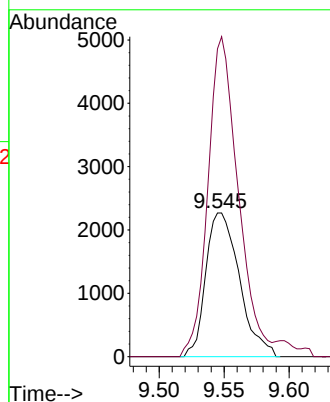
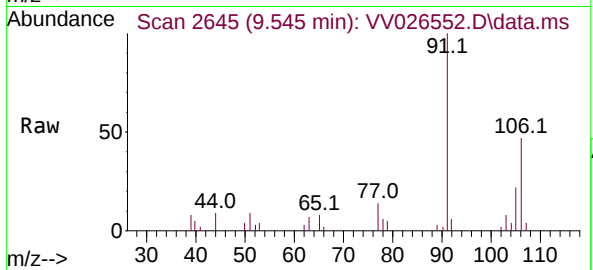




#54
o-Xylene
Concen: 0.157 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026552.D
Acq: 24 Jun 2022 13:52

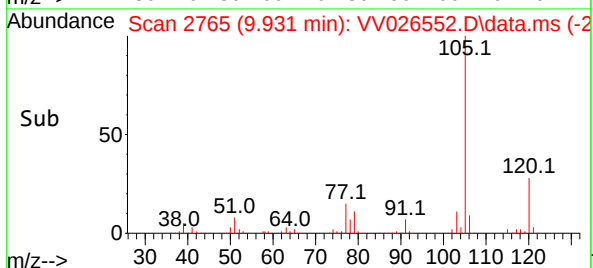
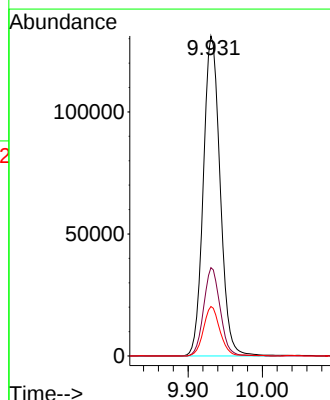
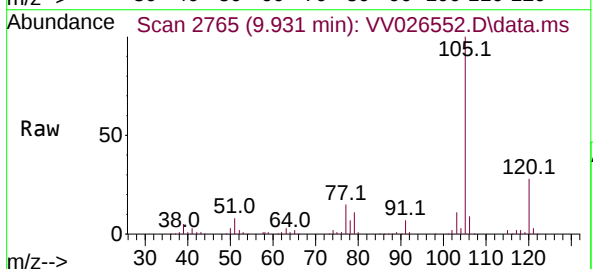
Instrument :
MSVOA_V
ClientSampleId :
C0AA5

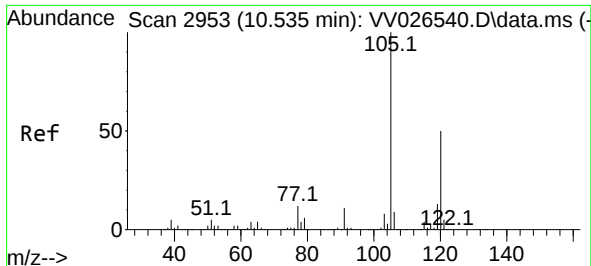
Tgt Ion:106 Resp: 4089
Ion Ratio Lower Upper
106 100
91 214.3 147.5 273.9



#60
Isopropylbenzene
Concen: 3.043 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV026552.D
Acq: 24 Jun 2022 13:52

Tgt Ion:105 Resp: 206221
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.2
77 15.0 11.6 17.4





#62

1,3,5-Trimethylbenzene

Concen: 0.182 ug/L

RT: 11.336 min Scan# 31

Delta R.T. 0.801 min

Lab File: VV026552.D

Acq: 24 Jun 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

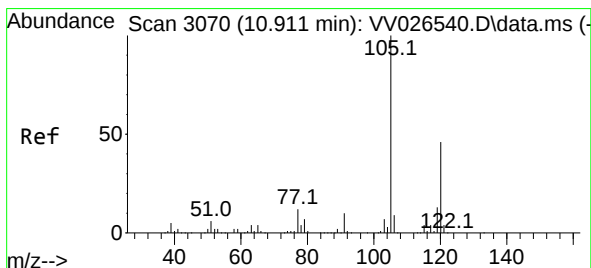
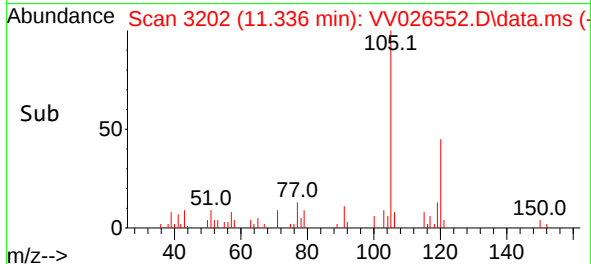
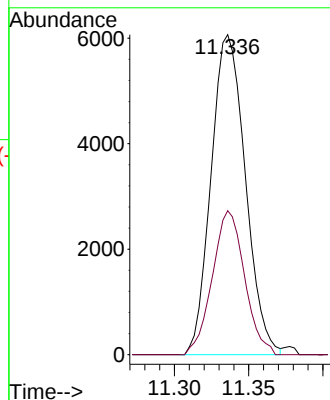
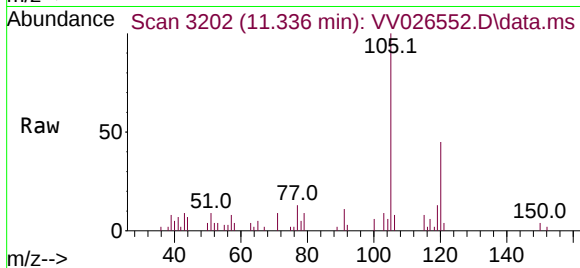
C0AA5

Tgt Ion:105 Resp: 9738

Ion Ratio Lower Upper

105 100

120 42.3 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.184 ug/L

RT: 11.336 min Scan# 3202

Delta R.T. 0.424 min

Lab File: VV026552.D

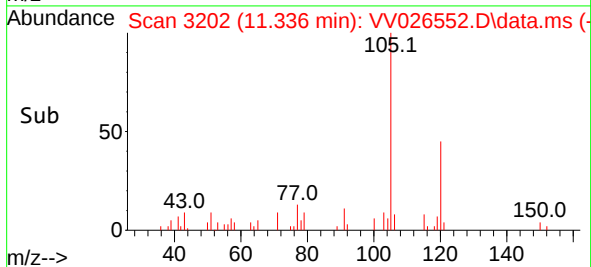
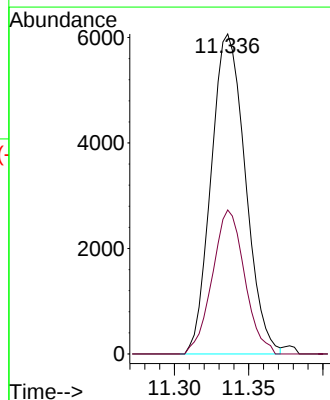
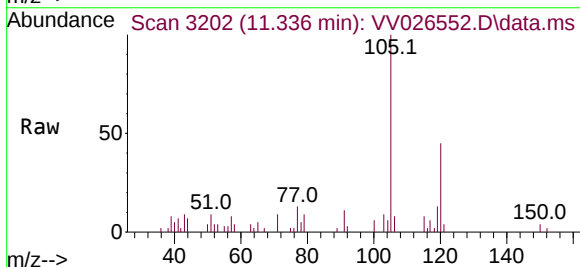
Acq: 24 Jun 2022 13:52

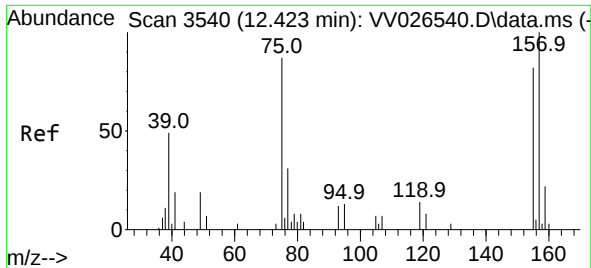
Tgt Ion:105 Resp: 9738

Ion Ratio Lower Upper

105 100

120 42.3 37.4 56.2

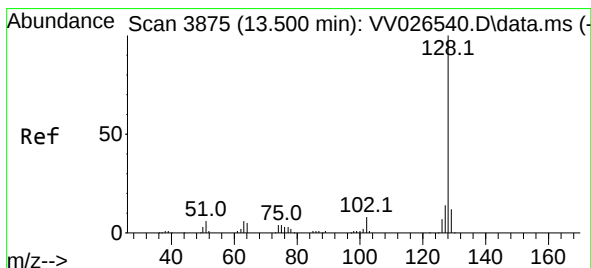
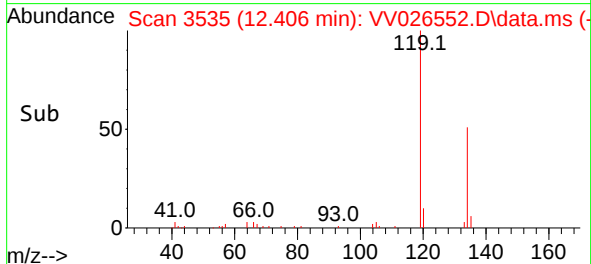
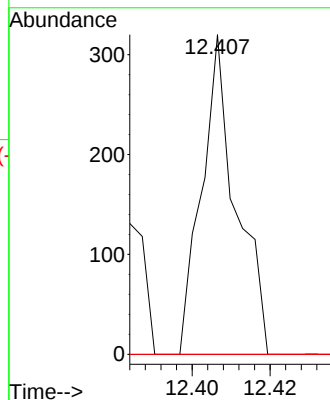
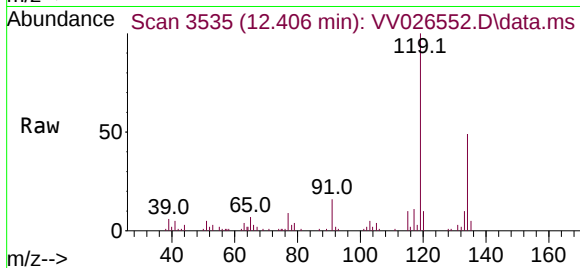




#68
1,2-Dibromo-3-chloropropane
Concen: 0.154 ug/L
RT: 12.406 min Scan# 311
Delta R.T. -0.016 min
Lab File: VV026552.D
Acq: 24 Jun 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
C0AA5

Tgt Ion: 75 Resp: 196
Ion Ratio Lower Upper
75 100
155 0.0 74.7 112.1#
157 0.0 96.9 145.3#



#71
Naphthalene
Concen: 1.649 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV026552.D
Acq: 24 Jun 2022 13:52

Tgt Ion: 128 Resp: 36015
Ion Ratio Lower Upper
128 100
129 17.0 8.6 12.8#
127 13.4 10.2 15.4

