

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025591.D
 Acq On : 16 Apr 2022 01:28
 Operator : SY/MD
 Sample : N2438-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6S8

Quant Time: Apr 16 04:50:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 04:36:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139773	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	143314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	51097	3.932	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.571	69	52613	3.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.111	63	78786	3.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.899	46	94496	59.781	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.560%
24) Chloroform-d	4.352	84	94353	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.037	65	46165	5.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	5.053	84	177769	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.069	67	56657	4.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.317	98	142301	3.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.625	79	15586	4.010	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.088	63	69665	51.067	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38828	5.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51388	4.841	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
3) Chloromethane	1.246	50	568	0.041	ug/L #	41
13) Acetone	2.198	43	4565	4.255	ug/L	78
25) Chloroform	4.378	83	2399	0.132	ug/L	90
27) 1,2-Dichloroethane	5.059	62	1033	0.108	ug/L #	71
33) Benzene	5.114	78	3346	0.079	ug/L	100
35) Methylcyclohexane	6.069	83	13566	0.756	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6563	0.670	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1030	0.080	ug/L #	66
42) Toluene	7.400	91	9679	0.210	ug/L	98
47) Tetrachloroethene	7.979	164	657	0.075	ug/L #	78
49) Dibromochloromethane	7.976	129	518	0.072	ug/L #	11
52) Ethylbenzene	9.017	91	4381	0.089	ug/L	98
53) m,p-Xylene	9.146	106	1461	0.078	ug/L	83
61) 1,2,3-Trichloropropane	11.246	75	7721	1.852	ug/L #	63
63) 1,2,4-Trimethylbenzene	10.918	105	1915	0.061	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.255	75	211	0.293	ug/L #	2

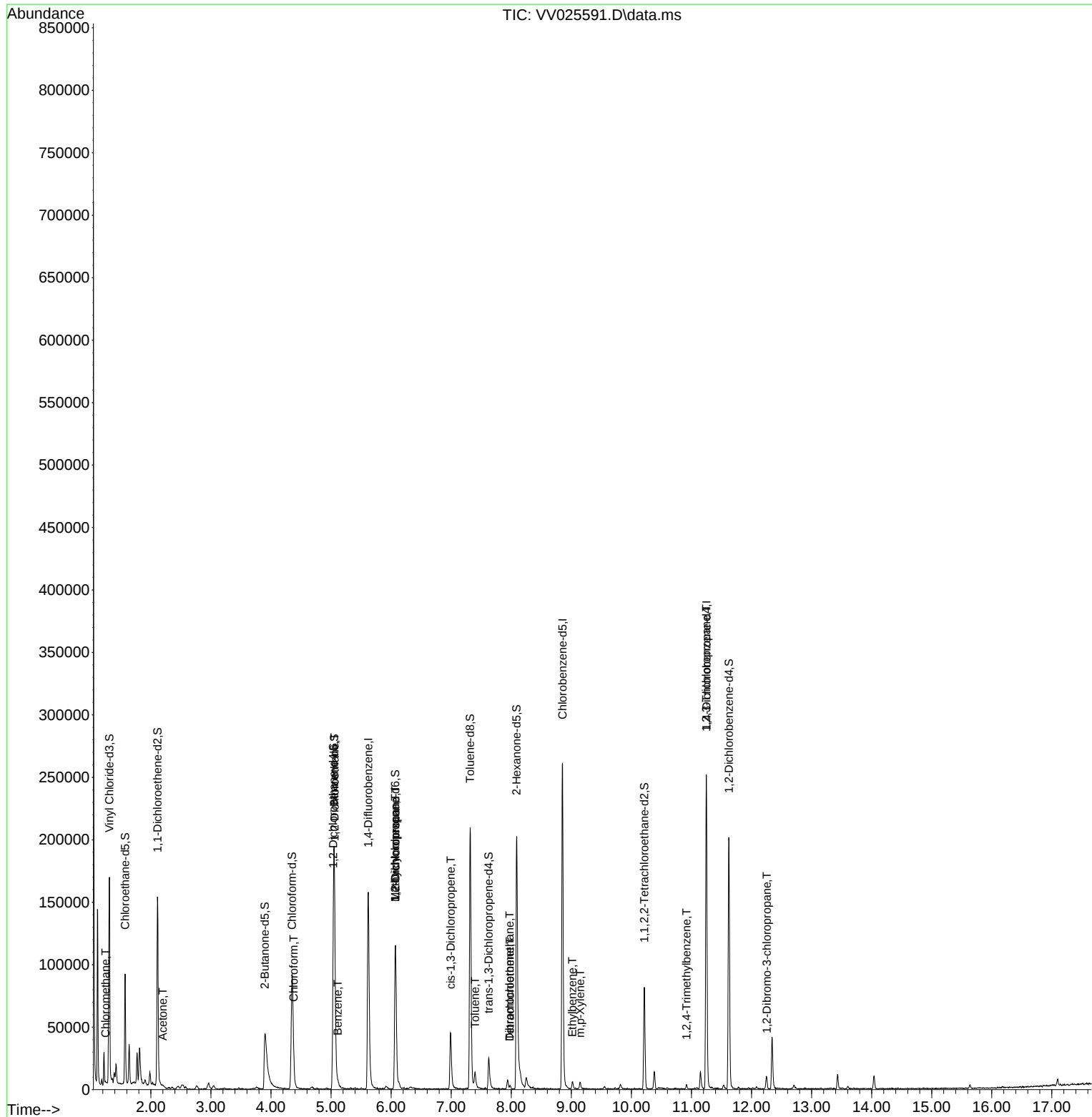
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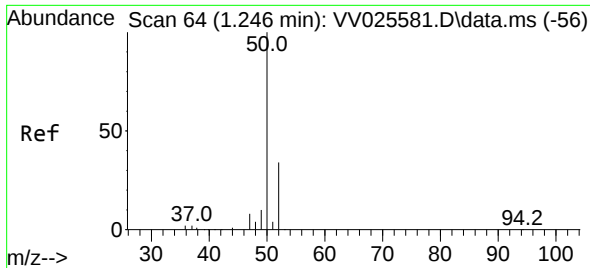
Instrument :
MSVOA_V
ClientSampleId :
EW6S8

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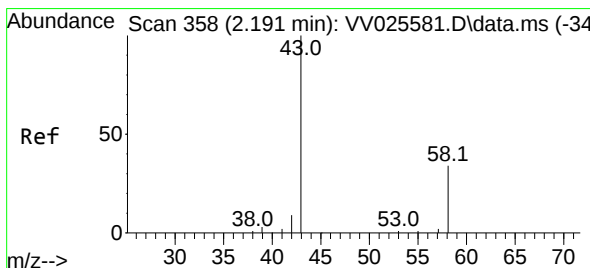
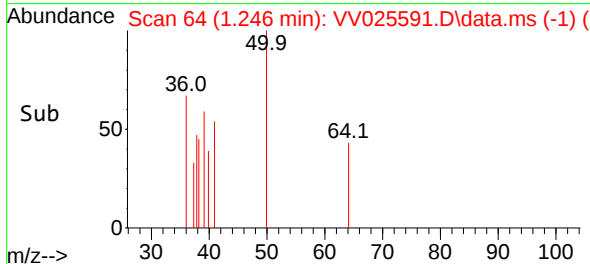
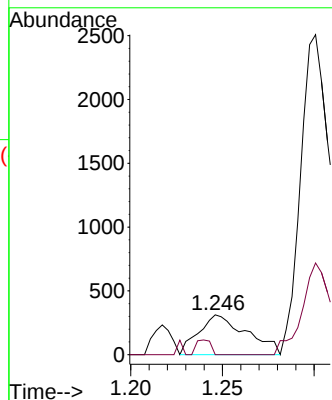
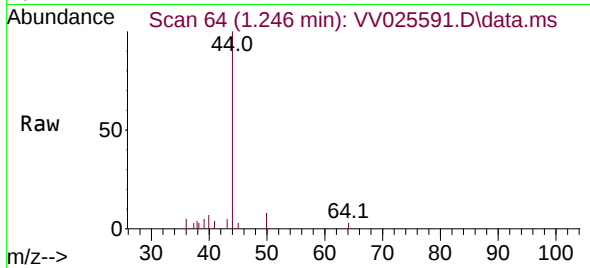




#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV025591.D
Acq: 16 Apr 2022 01:28

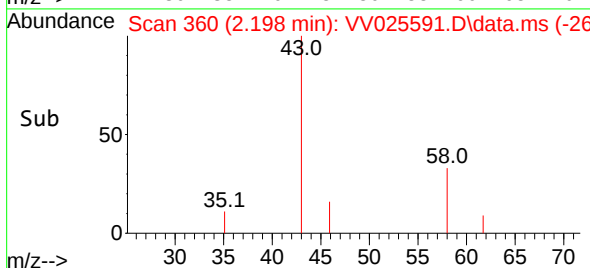
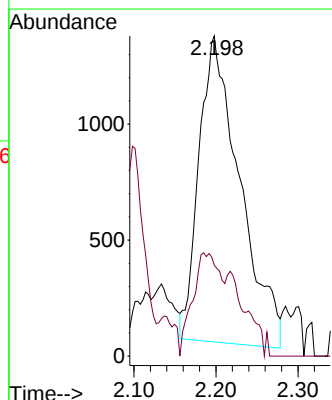
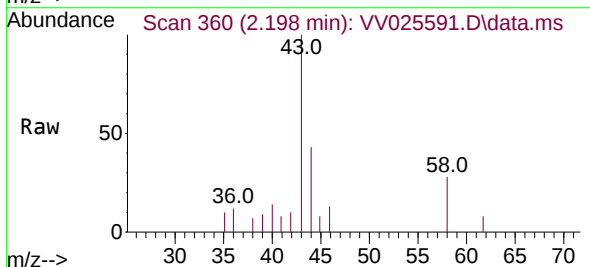
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MSVOA_V
ClientSampleId :
EW6S8

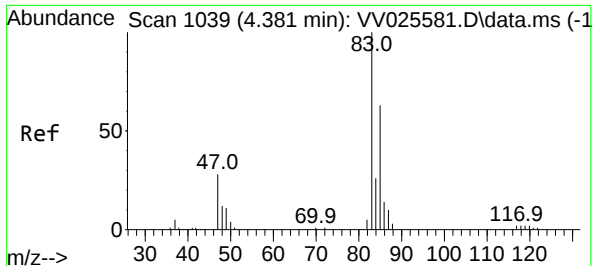
Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 0.0 23.7 43.9#



#13
Acetone
Concen: 4.255 ug/L
RT: 2.198 min Scan# 360
Delta R.T. 0.006 min
Lab File: VV025591.D
Acq: 16 Apr 2022 01:28

Tgt Ion: 43 Resp: 4565
Ion Ratio Lower Upper
43 100
58 23.3 0.0 72.2





#25

Chloroform

Concen: 0.132 ug/L

RT: 4.378 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025591.D

Acq: 16 Apr 2022 01:28

Instrument :

MSVOA_V

ClientSampleId :

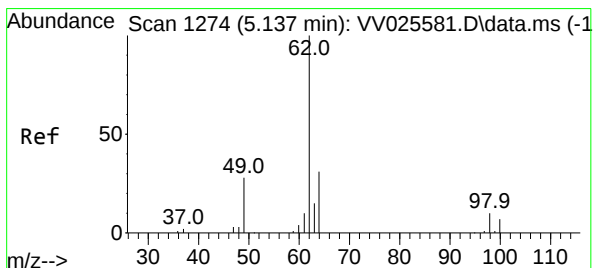
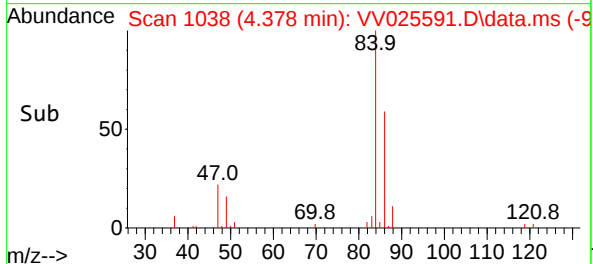
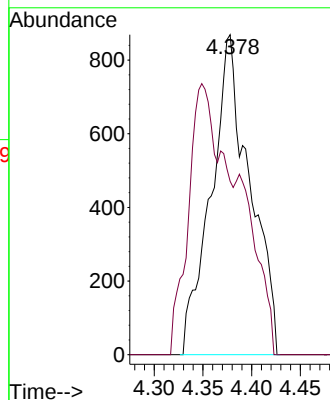
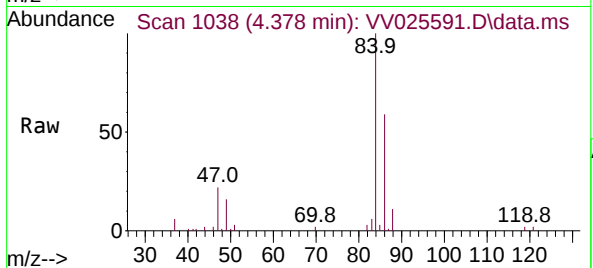
EW6S8

Tgt Ion: 83 Resp: 2399

Ion Ratio Lower Upper

83 100

85 54.2 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.108 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. -0.077 min

Lab File: VV025591.D

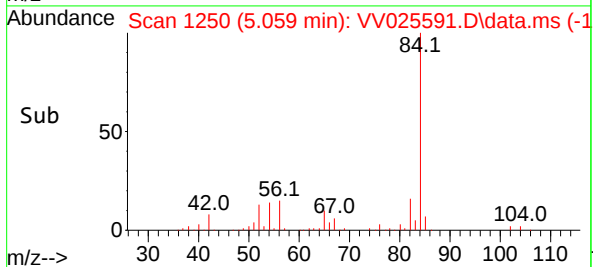
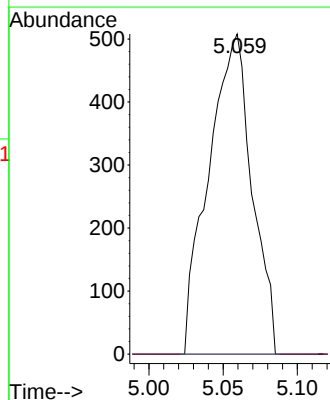
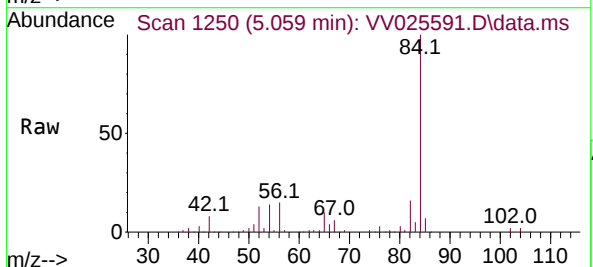
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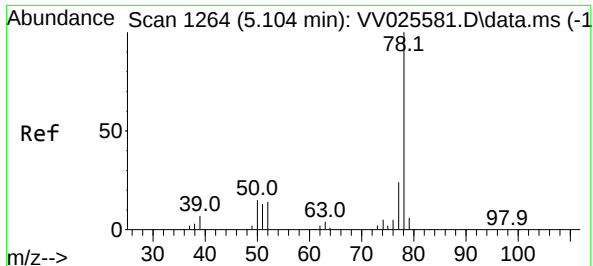
Tgt Ion: 62 Resp: 1033

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#33

Benzene

Concen: 0.079 ug/L

RT: 5.114 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV025591.D

Acq: 16 Apr 2022 01:28

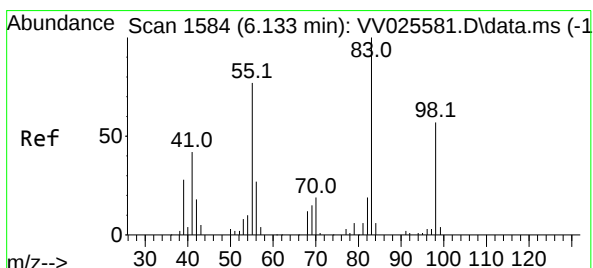
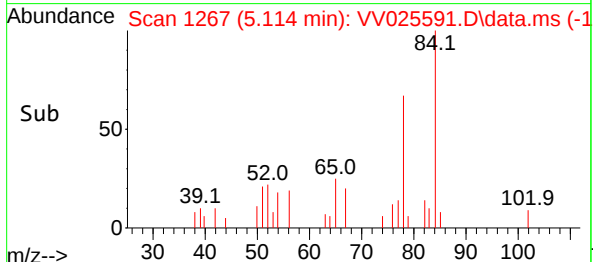
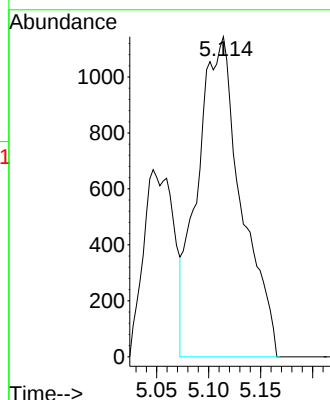
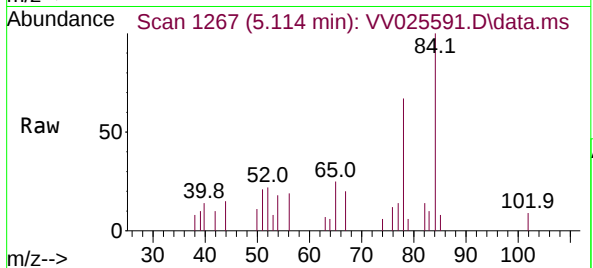
Instrument :

MSVOA_V

ClientSampleId :

EW6S8

Tgt Ion: 78 Resp: 3346



#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV025591.D

Acq: 16 Apr 2022 01:28

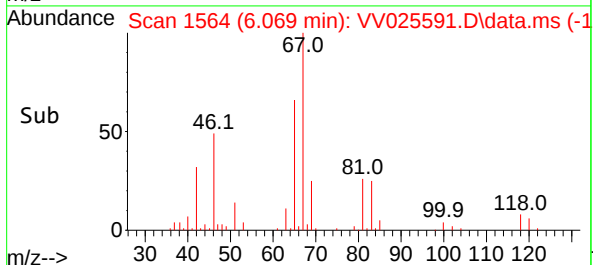
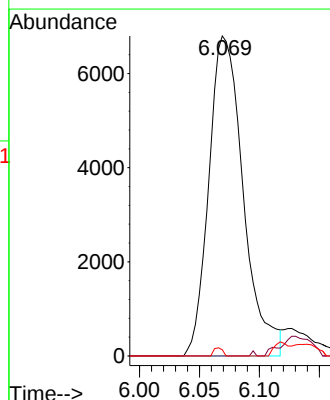
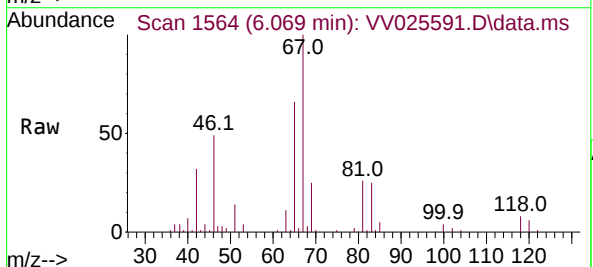
Tgt Ion: 83 Resp: 13566

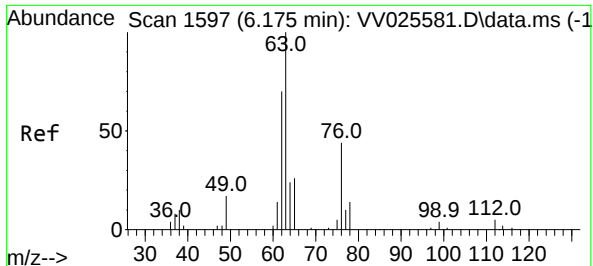
Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 0.7 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.670 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025591.D

Acq: 16 Apr 2022 01:28

Instrument :

MSVOA_V

ClientSampleId :

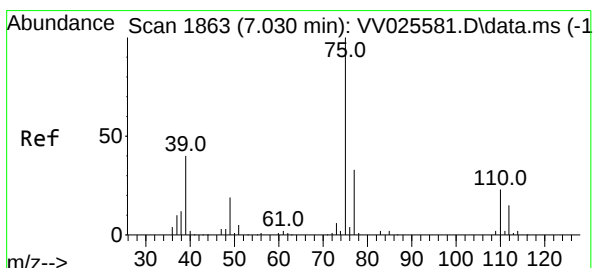
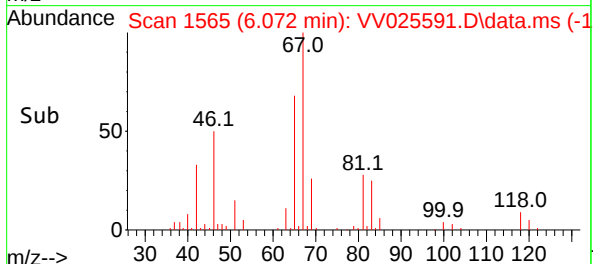
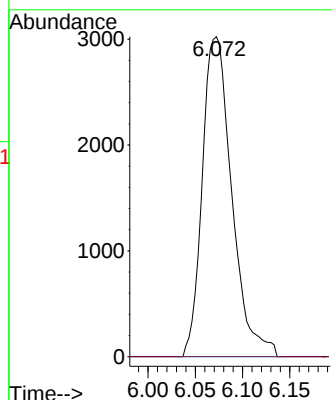
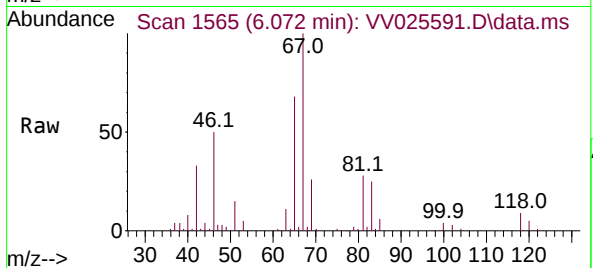
EW6S8

Tgt Ion: 63 Resp: 6563

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV025591.D

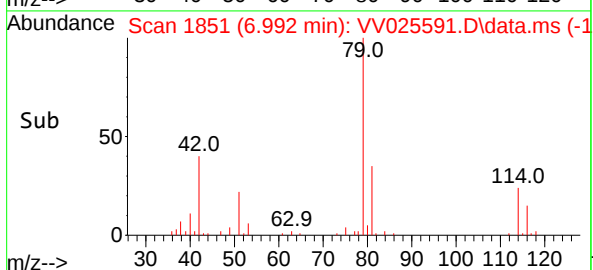
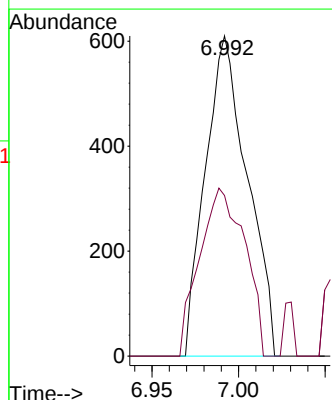
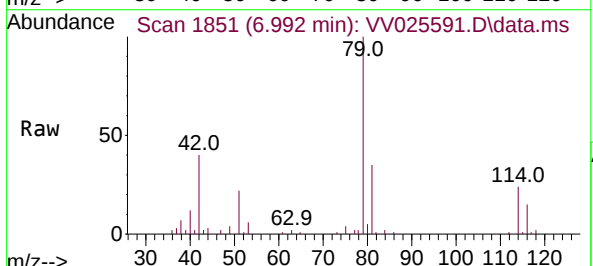
Acq: 16 Apr 2022 01:28

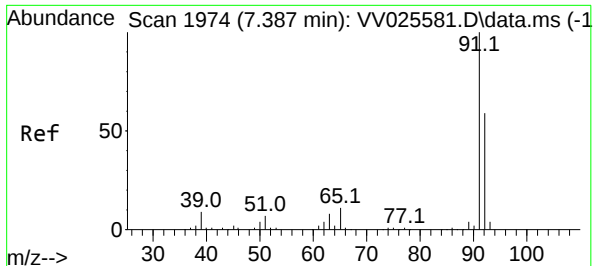
Tgt Ion: 75 Resp: 1030

Ion Ratio Lower Upper

75 100

77 50.2 21.8 40.6#





#42

Toluene

Concen: 0.210 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV025591.D

Acq: 16 Apr 2022 01:28

Instrument :

MSVOA_V

ClientSampleId :

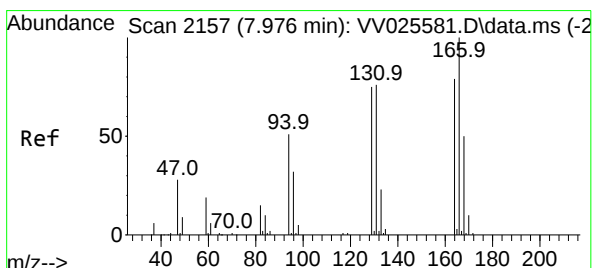
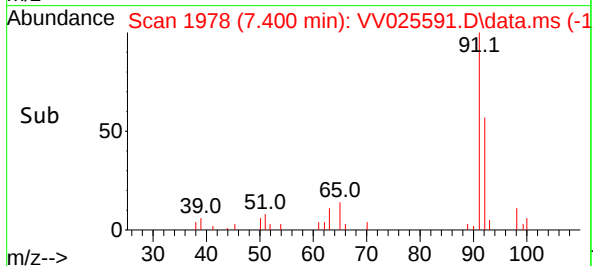
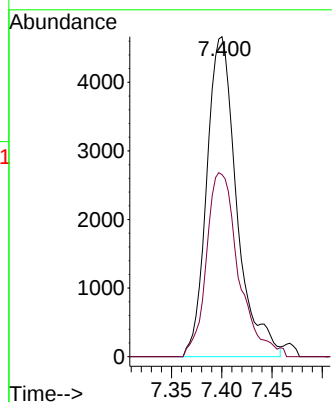
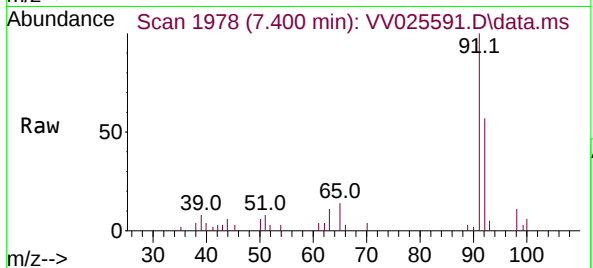
EW6S8

Tgt Ion: 91 Resp: 9679

Ion Ratio Lower Upper

91 100

92 56.9 40.8 75.8



#47

Tetrachloroethene

Concen: 0.075 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV025591.D

Acq: 16 Apr 2022 01:28

Tgt Ion: 164 Resp: 657

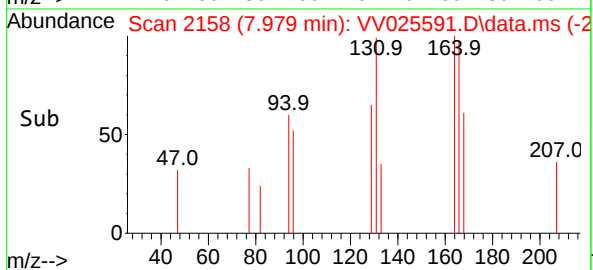
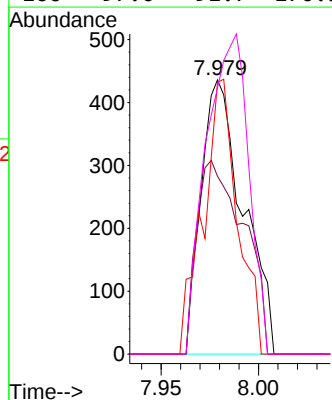
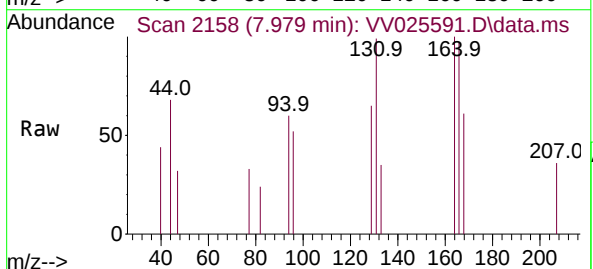
Ion Ratio Lower Upper

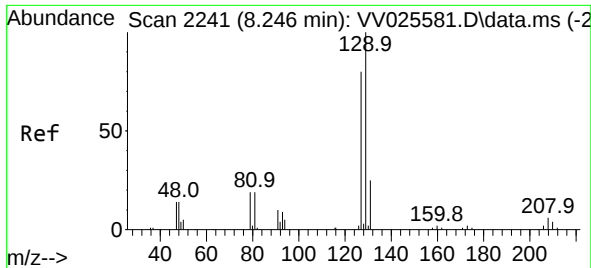
164 100

129 64.9 66.8 124.2#

131 99.1 66.4 123.4

166 97.0 91.7 170.3





#49

Dibromochloromethane

Concen: 0.072 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025591.D

Acq: 16 Apr 2022 01:28

Instrument :

MSVOA_V

ClientSampleId :

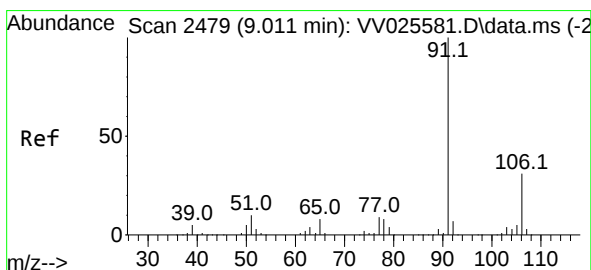
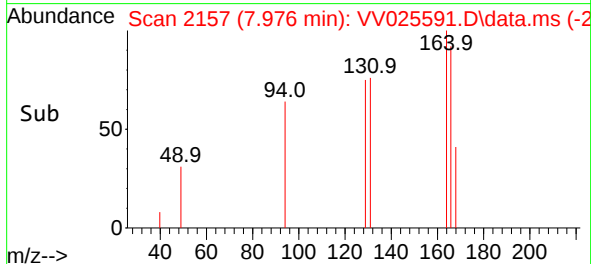
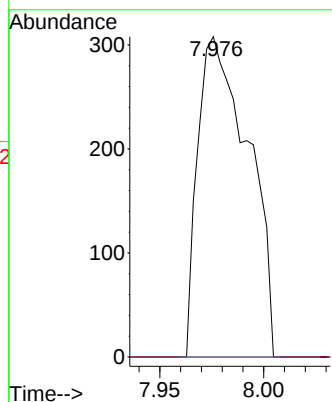
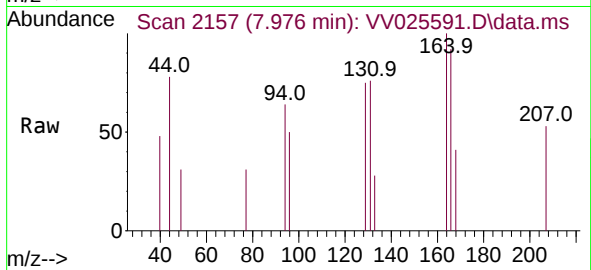
EW6S8

Tgt Ion:129 Resp: 518

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 0.089 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV025591.D

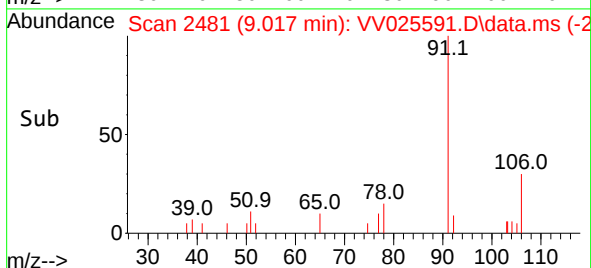
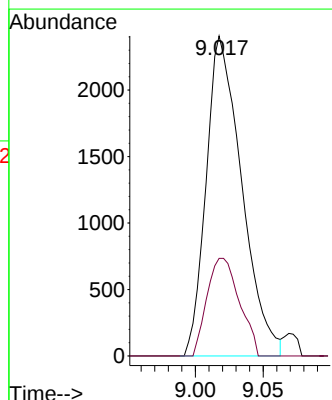
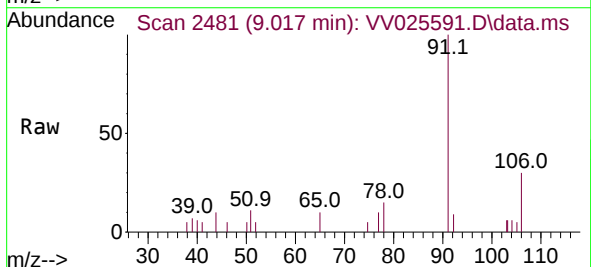
Acq: 16 Apr 2022 01:28

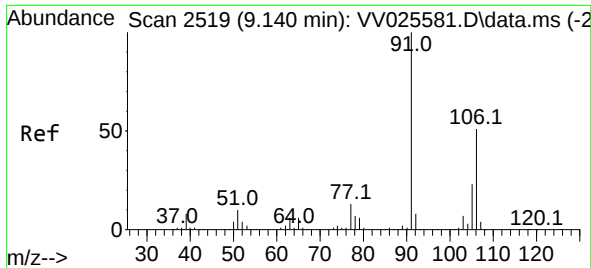
Tgt Ion: 91 Resp: 4381

Ion Ratio Lower Upper

91 100

106 30.5 22.3 41.3

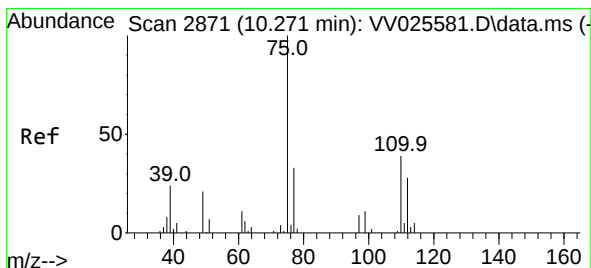
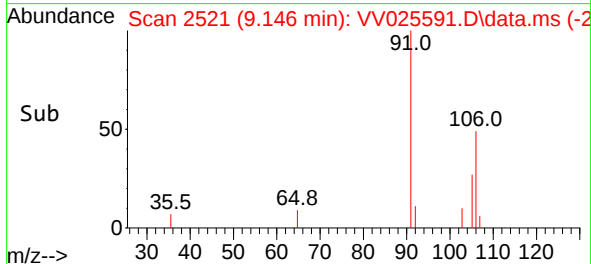
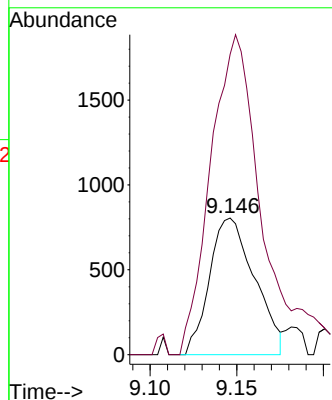
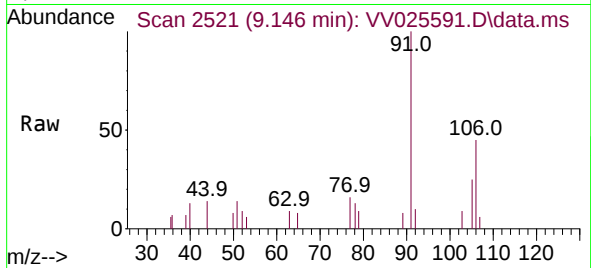




#53
m,p-Xylene
Concen: 0.078 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025591.D
Acq: 16 Apr 2022 01:28

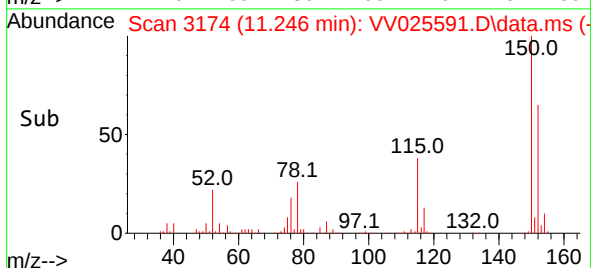
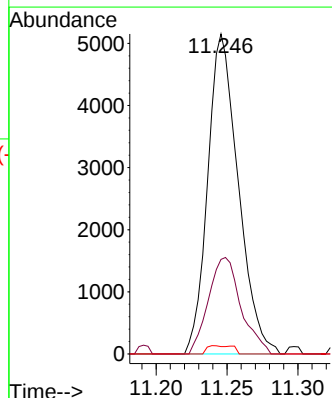
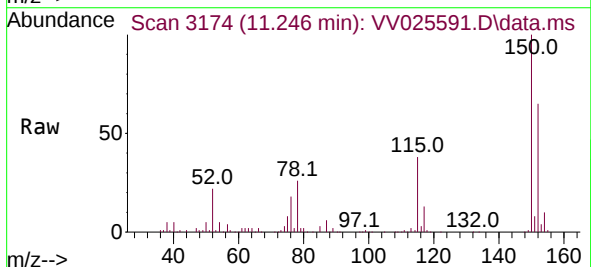
Instrument :
MSVOA_V
ClientSampleId :
EW6S8

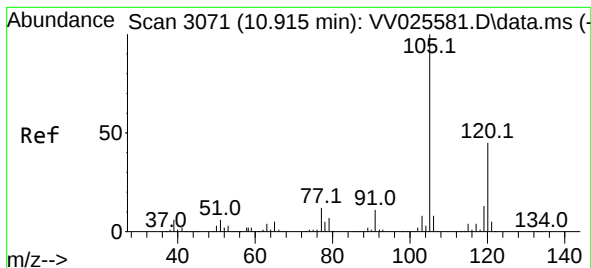
Tgt Ion:106 Resp: 1461
Ion Ratio Lower Upper
106 100
91 219.9 136.4 253.4



#61
1,2,3-Trichloropropane
Concen: 1.852 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025591.D
Acq: 16 Apr 2022 01:28

Tgt Ion: 75 Resp: 7721
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
110 2.1 34.7 52.1#





#63

1,2,4-Trimethylbenzene

Concen: 0.061 ug/L

RT: 10.918 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025591.D

Acq: 16 Apr 2022 01:28

Instrument :

MSVOA_V

ClientSampleId :

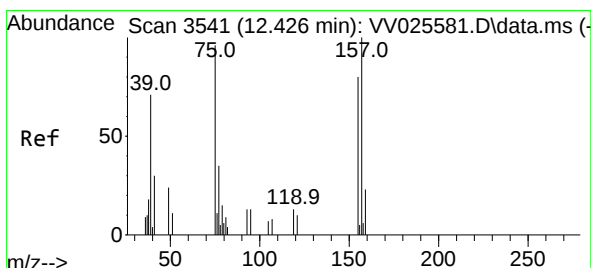
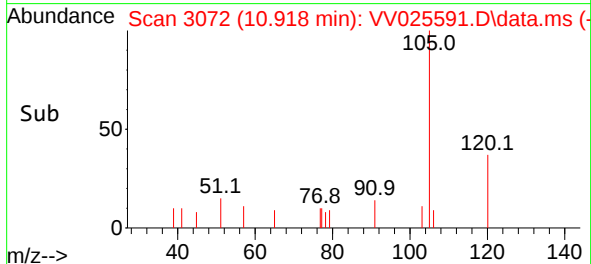
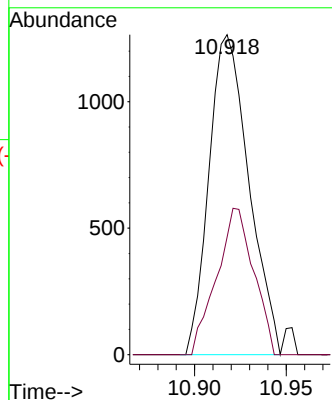
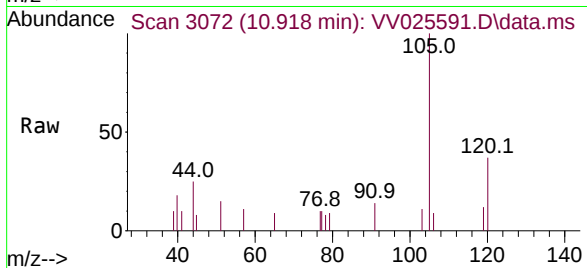
EW6S8

Tgt Ion:105 Resp: 1915

Ion Ratio Lower Upper

105 100

120 42.3 36.6 55.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.293 ug/L

RT: 12.255 min Scan# 3488

Delta R.T. -0.170 min

Lab File: VV025591.D

Acq: 16 Apr 2022 01:28

Tgt Ion: 75 Resp: 211

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#

