

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025103.D
 Acq On : 18 Mar 2022 17:19
 Operator : SY/MD
 Sample : N2018-01RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Q78

Quant Time: Mar 19 00:57:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	171980	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	156665	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53768	3.960	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.568	69	43753	4.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.108	63	72017	3.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.896	46	95006	57.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.800%
24) Chloroform-d	4.352	84	101670	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.034	65	43150	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.053	84	213057	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.069	67	62102	4.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	190481	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.625	79	18675	4.099	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.088	63	83106	53.480	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39843	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	64132	5.046	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	2606	0.182	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	1270	0.095	ug/L	93
25) Chloroform	4.378	83	96569	4.133	ug/L	97
27) 1,2-Dichloroethane	5.050	62	862	0.074	ug/L #	71
35) Methylcyclohexane	6.069	83	14604	0.680	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6273	0.536	ug/L #	86
38) Bromodichloromethane	6.516	83	4945	0.334	ug/L	98
39) cis-1,3-Dichloropropene	6.989	75	1270	0.078	ug/L #	63
42) Toluene	7.394	91	25594	0.480	ug/L	99
49) Dibromochloromethane	8.246	129	343	0.039	ug/L	81
53) m,p-xylene	9.149	106	1340	0.062	ug/L	89
54) o-xylene	9.555	106	1132	0.054	ug/L	93
61) 1,2,3-Trichloropropane	11.246	75	8960	1.419	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.542	105	988	0.038	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.243	75	162	0.150	ug/L #	1
71) Naphthalene	13.500	128	234216	10.436	ug/L	99

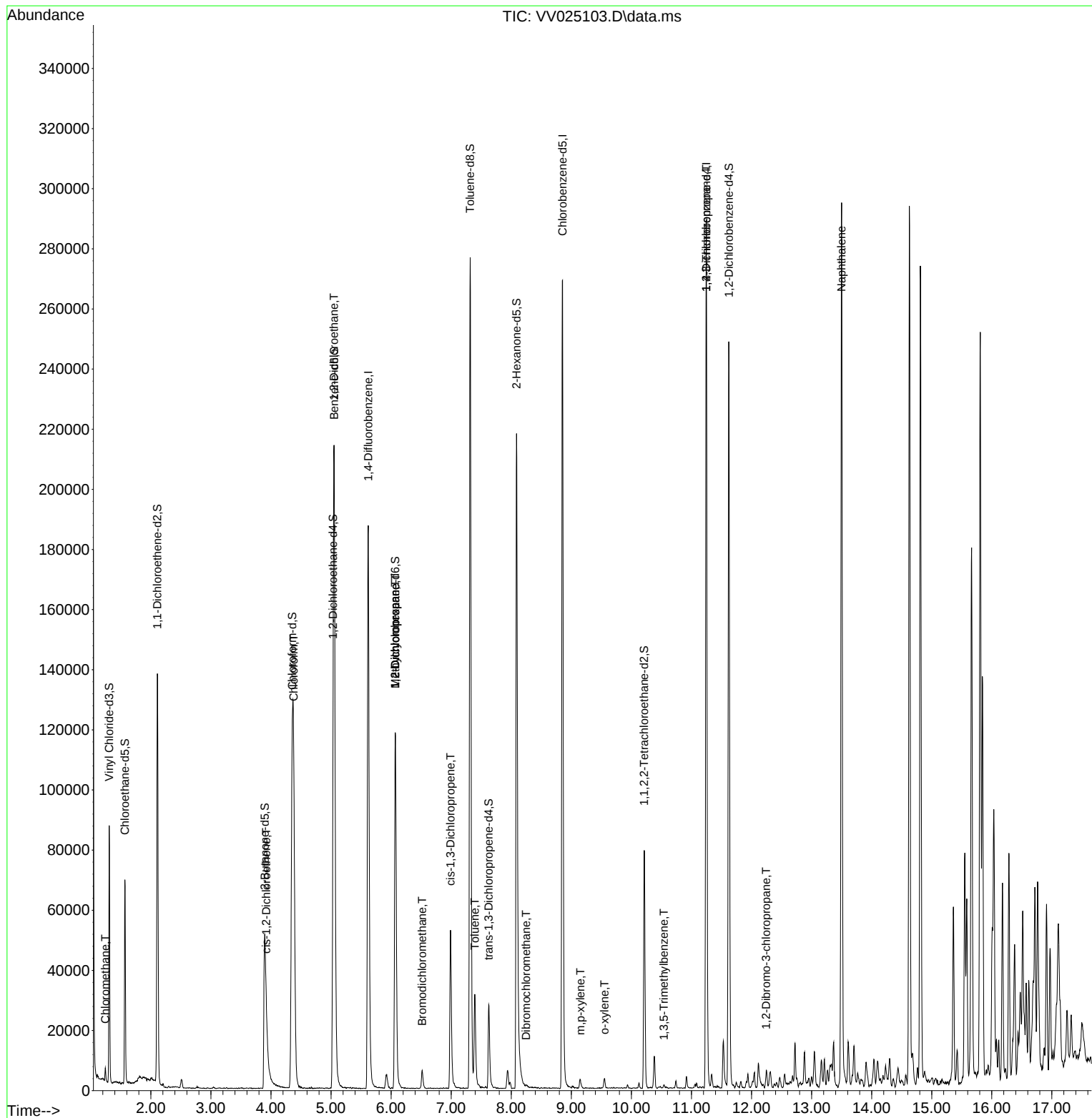
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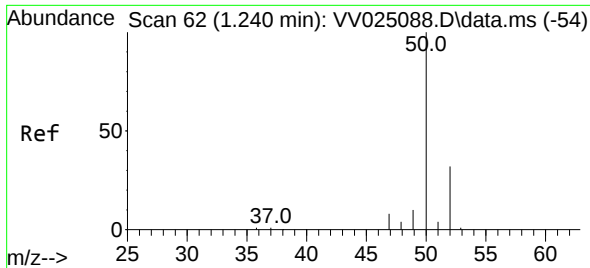
Instrument :
MSVOA_V
ClientSampleId :
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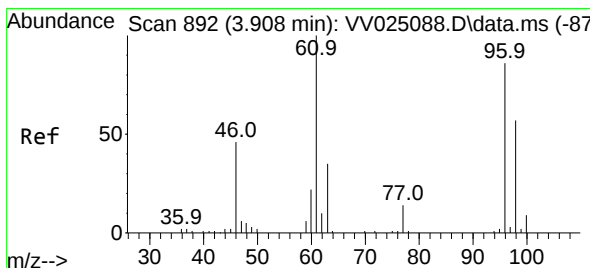
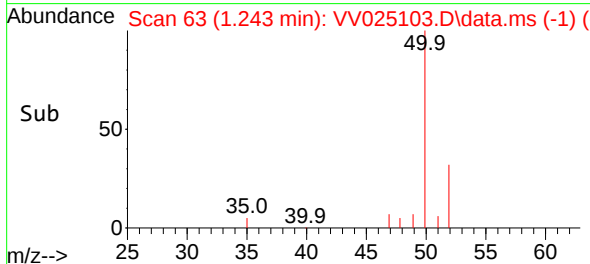
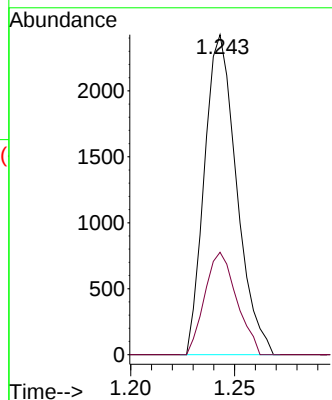
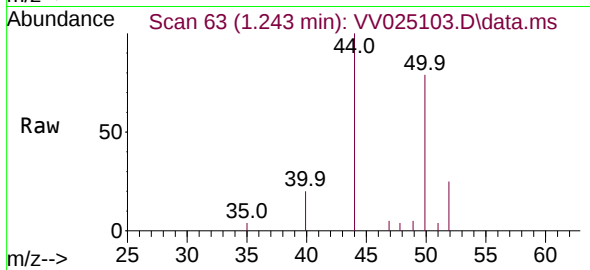




#3
Chloromethane
Concen: 0.182 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

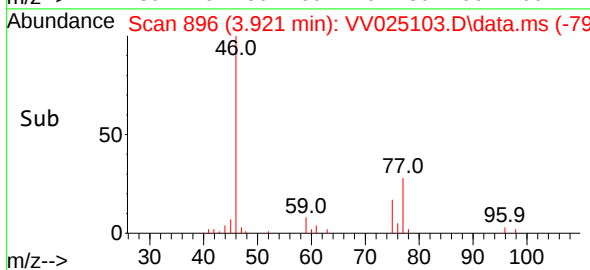
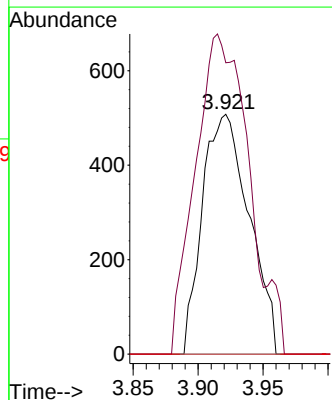
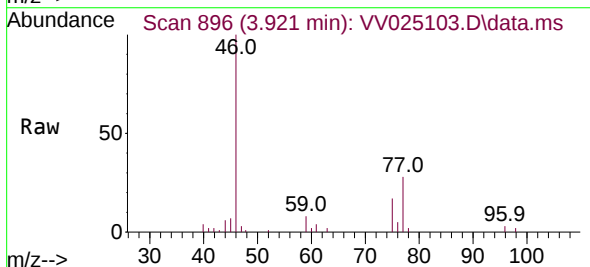
Instrument :
MSVOA_V
ClientSampleId :
C0Q78

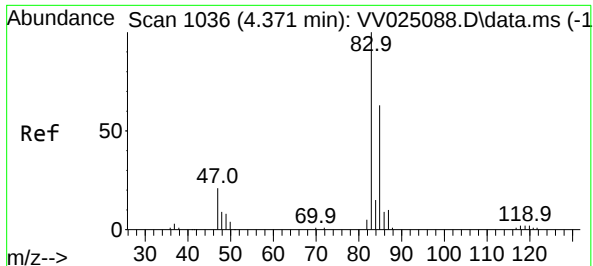
Tgt Ion: 50 Resp: 2606
Ion Ratio Lower Upper
50 100
52 32.0 23.2 43.2



#22
cis-1,2-Dichloroethene
Concen: 0.095 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

Tgt Ion: 96 Resp: 1270
Ion Ratio Lower Upper
96 100
61 121.5 79.7 147.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 4.133 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025103.D

Acq: 18 Mar 2022 17:19

Instrument :

MSVOA_V

ClientSampleId :

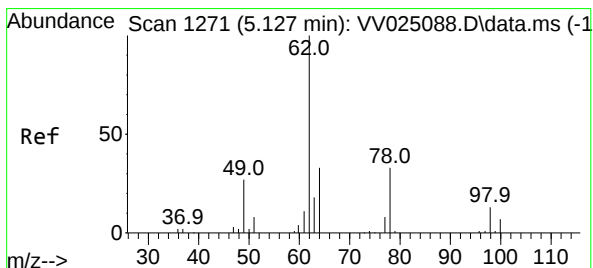
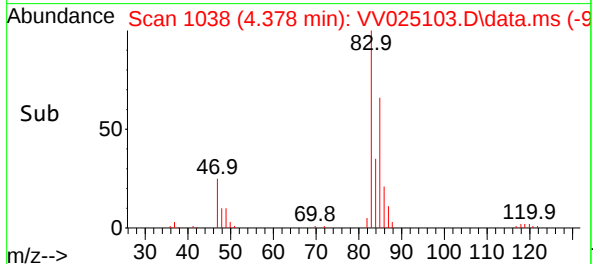
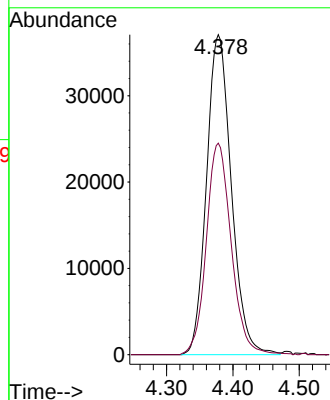
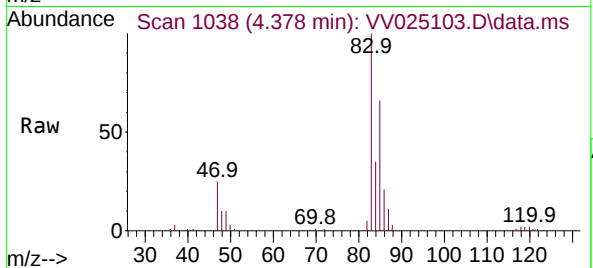
C0Q78

Tgt Ion: 83 Resp: 96569

Ion Ratio Lower Upper

83 100

85 66.1 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.074 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025103.D

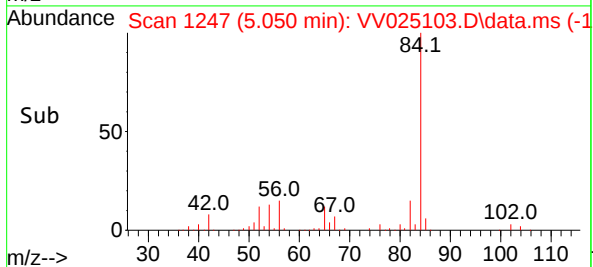
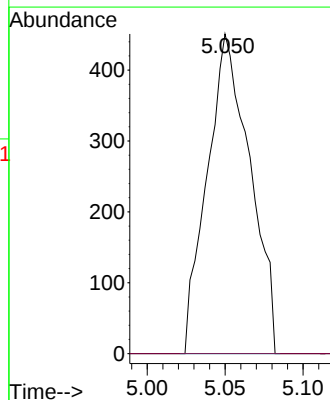
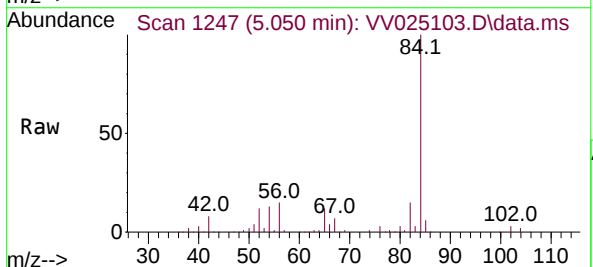
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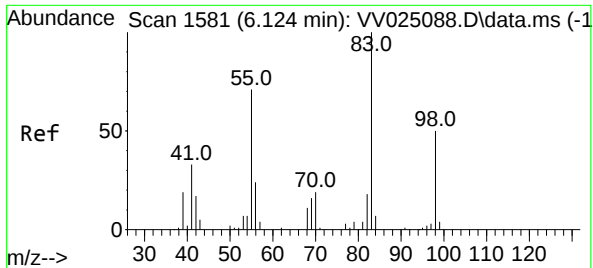
Tgt Ion: 62 Resp: 862

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

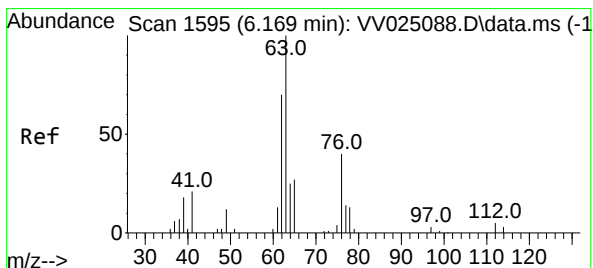
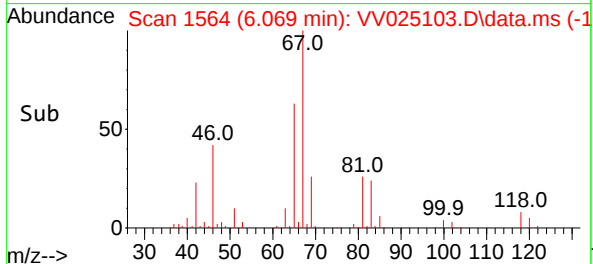
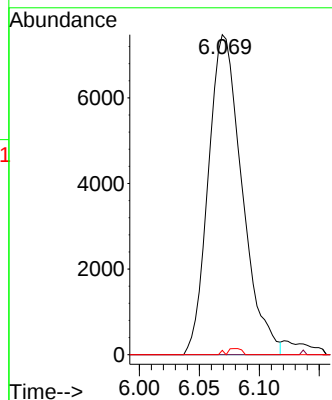
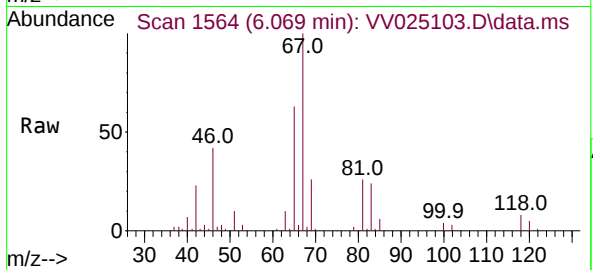




#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

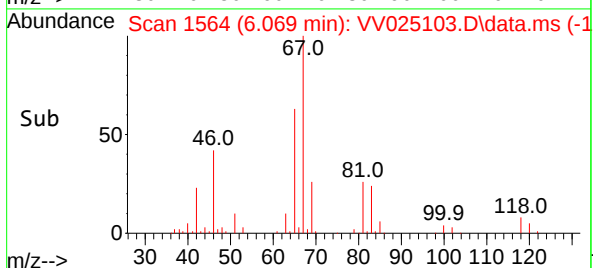
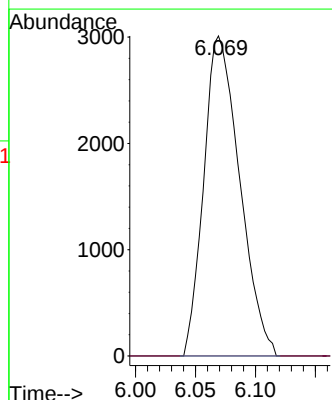
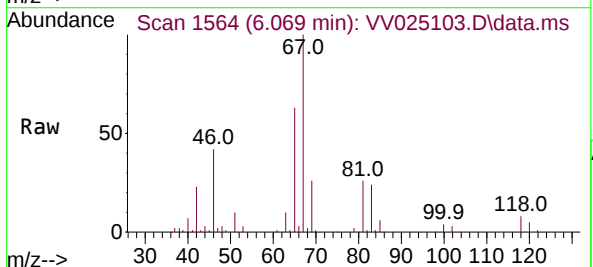
Instrument :
MSVOA_V
ClientSampleId :
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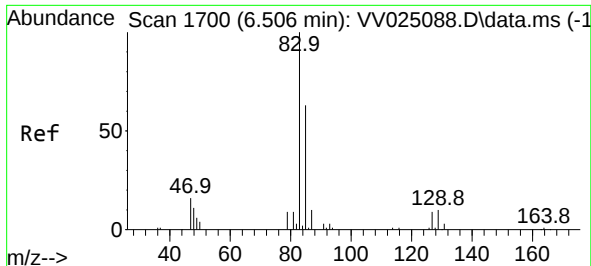
Tgt Ion: 83 Resp: 14604
Ion Ratio Lower Upper
83 100
55 0.1 55.4 83.0#
98 0.8 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

Tgt Ion: 63 Resp: 6273
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

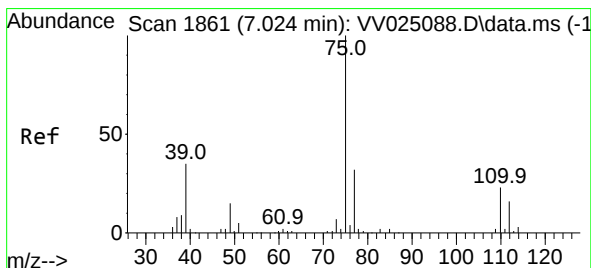
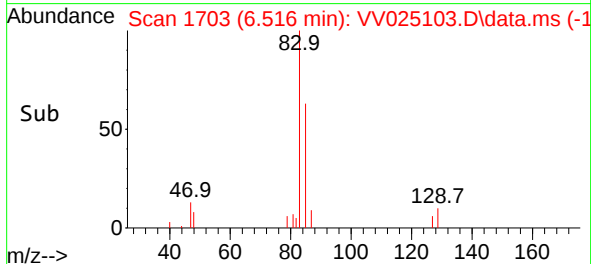
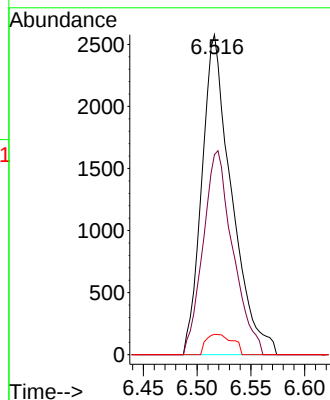
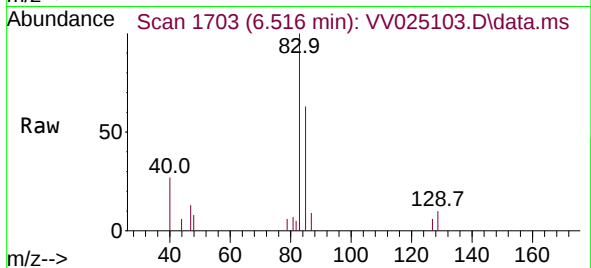




#38
Bromodichloromethane
Concen: 0.334 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

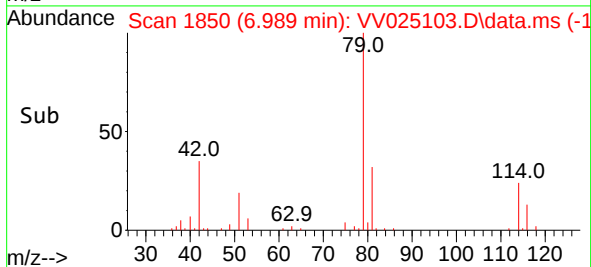
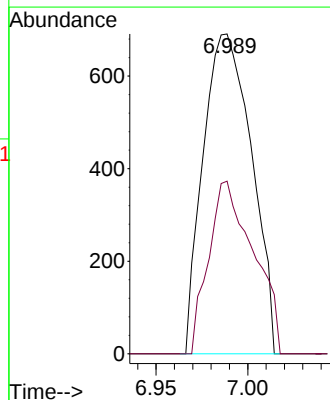
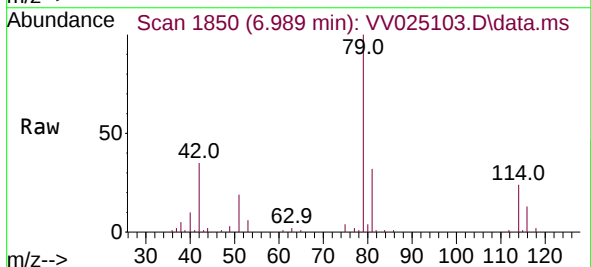
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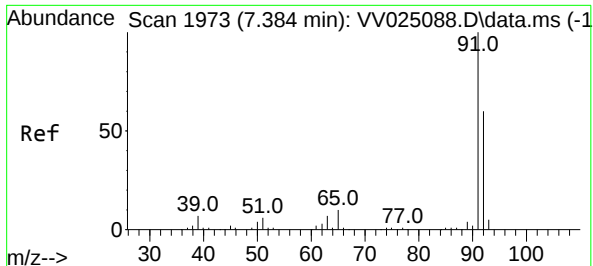
Tgt Ion: 83 Resp: 4945
Ion Ratio Lower Upper
83 100
85 62.5 44.8 83.2
127 6.4 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

Tgt Ion: 75 Resp: 1270
Ion Ratio Lower Upper
75 100
77 54.0 23.0 42.8#





#42

Toluene

Concen: 0.480 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV025103.D

Acq: 18 Mar 2022 17:19

Instrument :

MSVOA_V

ClientSampleId :

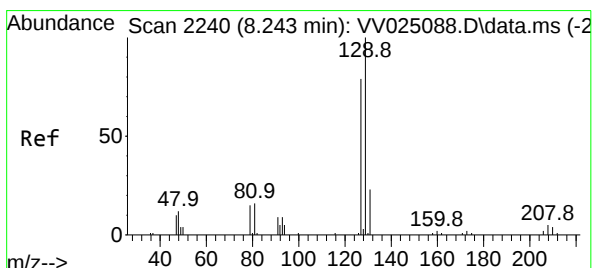
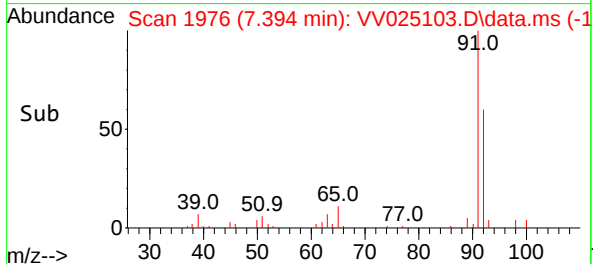
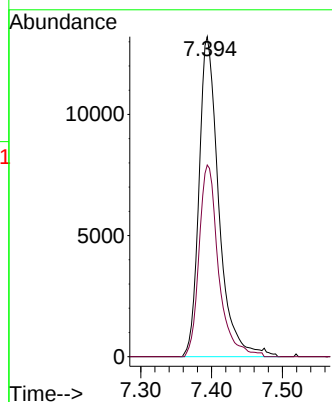
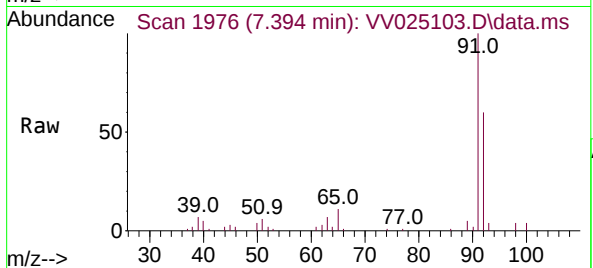
C0Q78

Tgt Ion: 91 Resp: 25594

Ion Ratio Lower Upper

91 100

92 59.9 41.2 76.4



#49

Dibromochloromethane

Concen: 0.039 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV025103.D

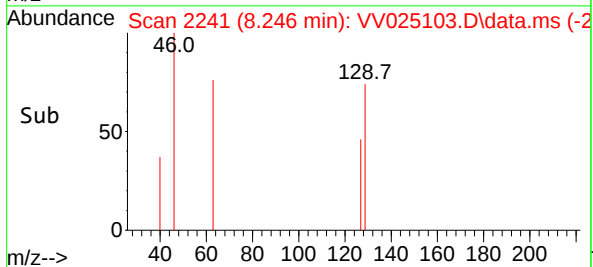
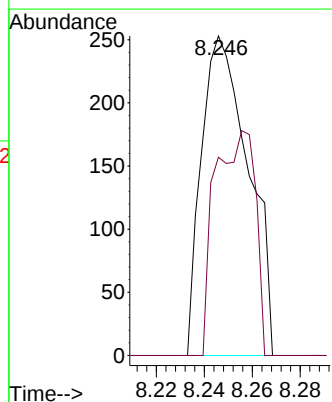
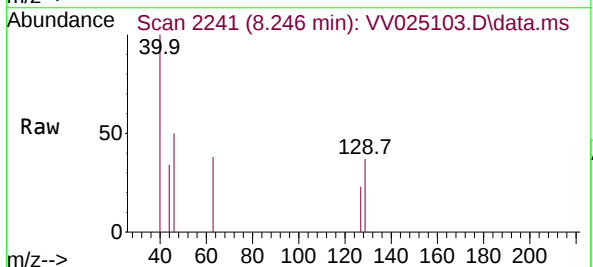
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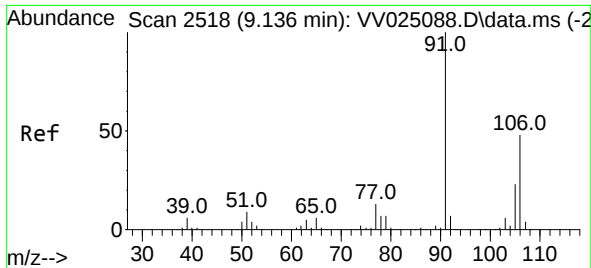
Tgt Ion: 129 Resp: 343

Ion Ratio Lower Upper

129 100

127 62.1 54.9 102.1

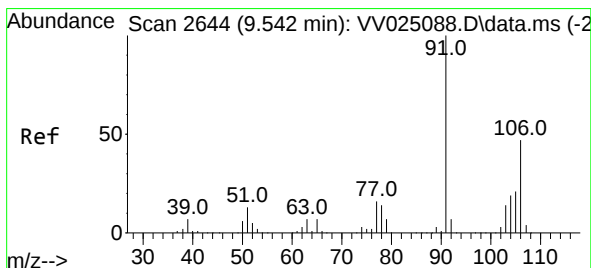
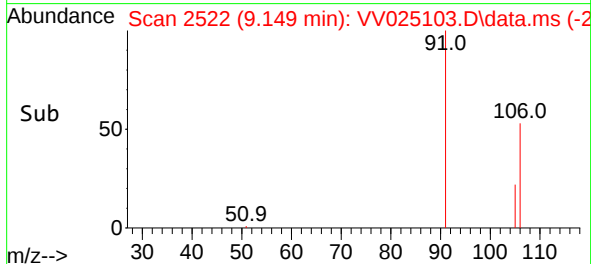
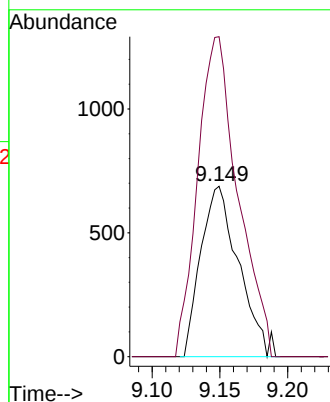
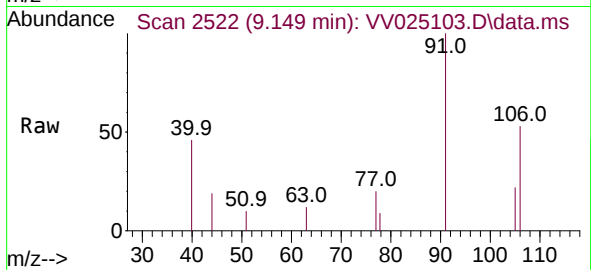




#53
m,p-xylene
Concen: 0.062 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

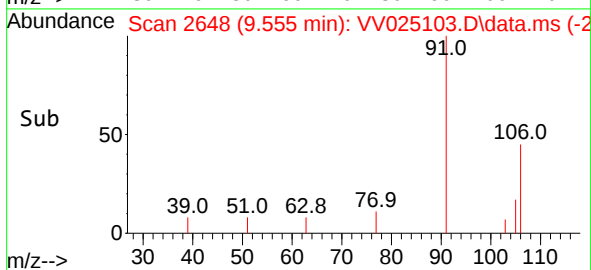
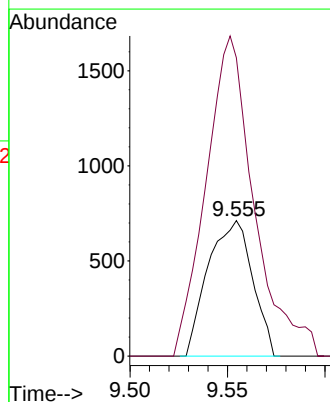
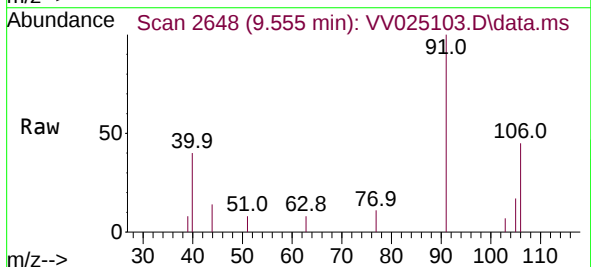
Instrument :
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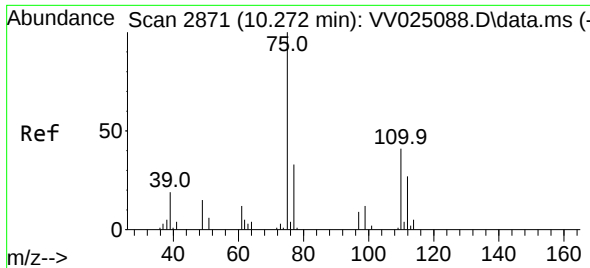
Tgt Ion:106 Resp: 1340
Ion Ratio Lower Upper
106 100
91 187.8 143.4 266.4



#54
o-xylene
Concen: 0.054 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.013 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

Tgt Ion:106 Resp: 1132
Ion Ratio Lower Upper
106 100
91 220.4 146.7 272.5

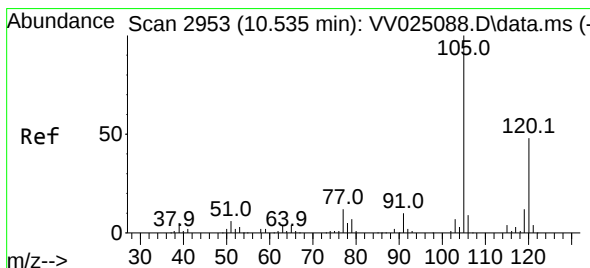
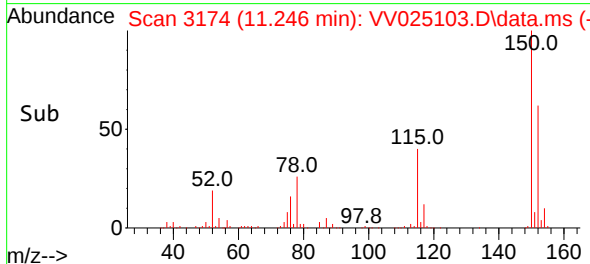
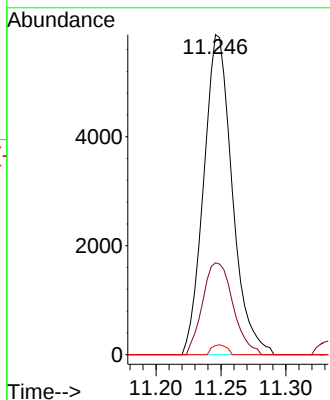
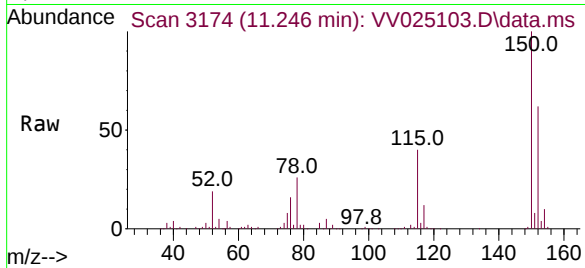




#61
1,2,3-Trichloropropane
Concen: 1.419 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

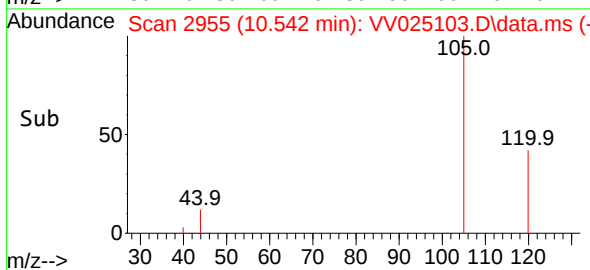
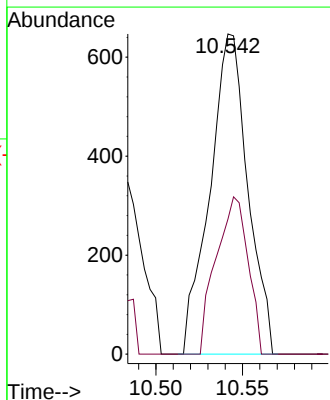
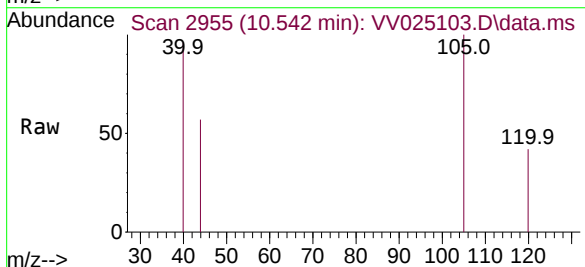
Instrument :
MSVOA_V
ClientSampleId :
C0Q78

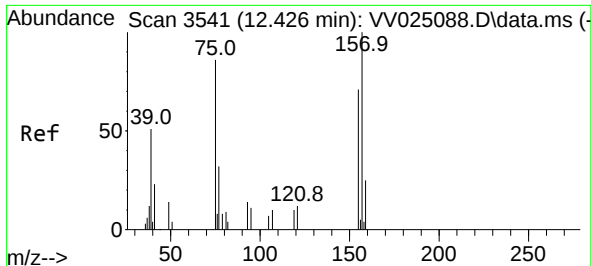
Tgt Ion: 75 Resp: 8960
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5
110 1.6 31.2 46.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.038 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.006 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

Tgt Ion: 105 Resp: 988
Ion Ratio Lower Upper
105 100
120 41.3 38.5 57.7

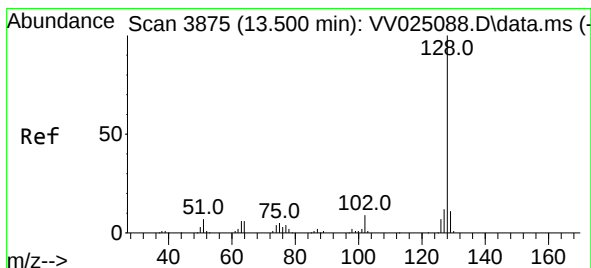
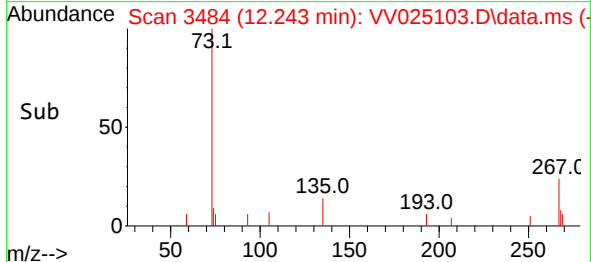
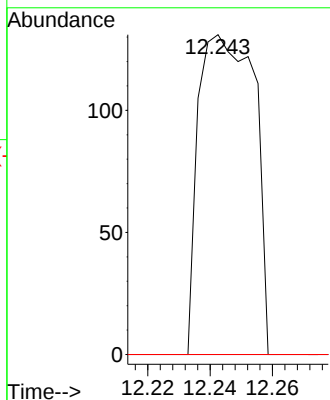
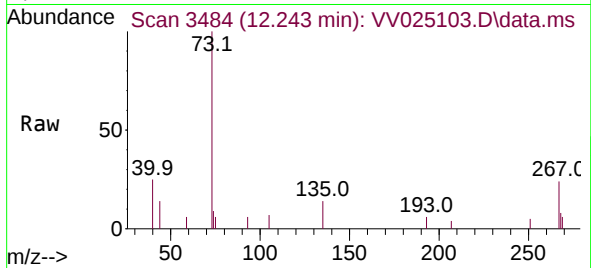




#68
1,2-Dibromo-3-chloropropane
Concen: 0.150 ug/L
RT: 12.243 min Scan# 34
Delta R.T. -0.183 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

Instrument :
MSVOA_V
ClientSampleId :
C0Q78

Tgt Ion: 75 Resp: 162
Ion Ratio Lower Upper
75 100
155 0.0 65.9 98.9#
157 0.0 89.7 134.5#



#71
Naphthalene
Concen: 10.436 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025103.D
Acq: 18 Mar 2022 17:19

Tgt Ion: 128 Resp: 234216
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.5 9.8 14.8

