

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110121\
 Data File : VW023115.D
 Acq On : 01 Nov 2021 14:31
 Operator : SY/MD
 Sample : M4364-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 01:15:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120820	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	59383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31032	2.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.568	69	28809	4.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.108	63	47985	3.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	3.889	46	105476	62.280	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.560%
24) Chloroform-d	4.352	84	86916	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.034	65	42960	5.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.053	84	163628	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.072	67	51235	4.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.317	98	139946	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.625	79	19568	5.017	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.088	63	84698	58.655	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38782	5.046	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	57775	5.453	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	990	0.120	ug/L #	64
12) 1,1-Dichloroethene	2.105	96	385	0.062	ug/L #	1
13) Acetone	2.175	43	6719	8.086	ug/L	96
27) 1,2-Dichloroethane	5.047	62	1041	0.123	ug/L #	72
35) Methylcyclohexane	6.069	83	13035	1.087	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5989	0.713	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1416	0.135	ug/L #	46
42) Toluene	7.391	91	81026	2.399	ug/L	96
48) 2-Hexanone	8.088	43	10413	3.547	ug/L #	66
52) Ethylbenzene	9.017	91	4909	0.146	ug/L	98
53) m,p-xylene	9.143	106	7823	0.582	ug/L	97
54) o-xylene	9.548	106	2385	0.188	ug/L	87
61) 1,2,3-Trichloropropane	11.249	75	6828	1.634	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.918	105	3740	0.155	ug/L	87
63) 1,2,4-Trimethylbenzene	10.918	105	3740	0.155	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.258	75	95	0.115	ug/L #	1

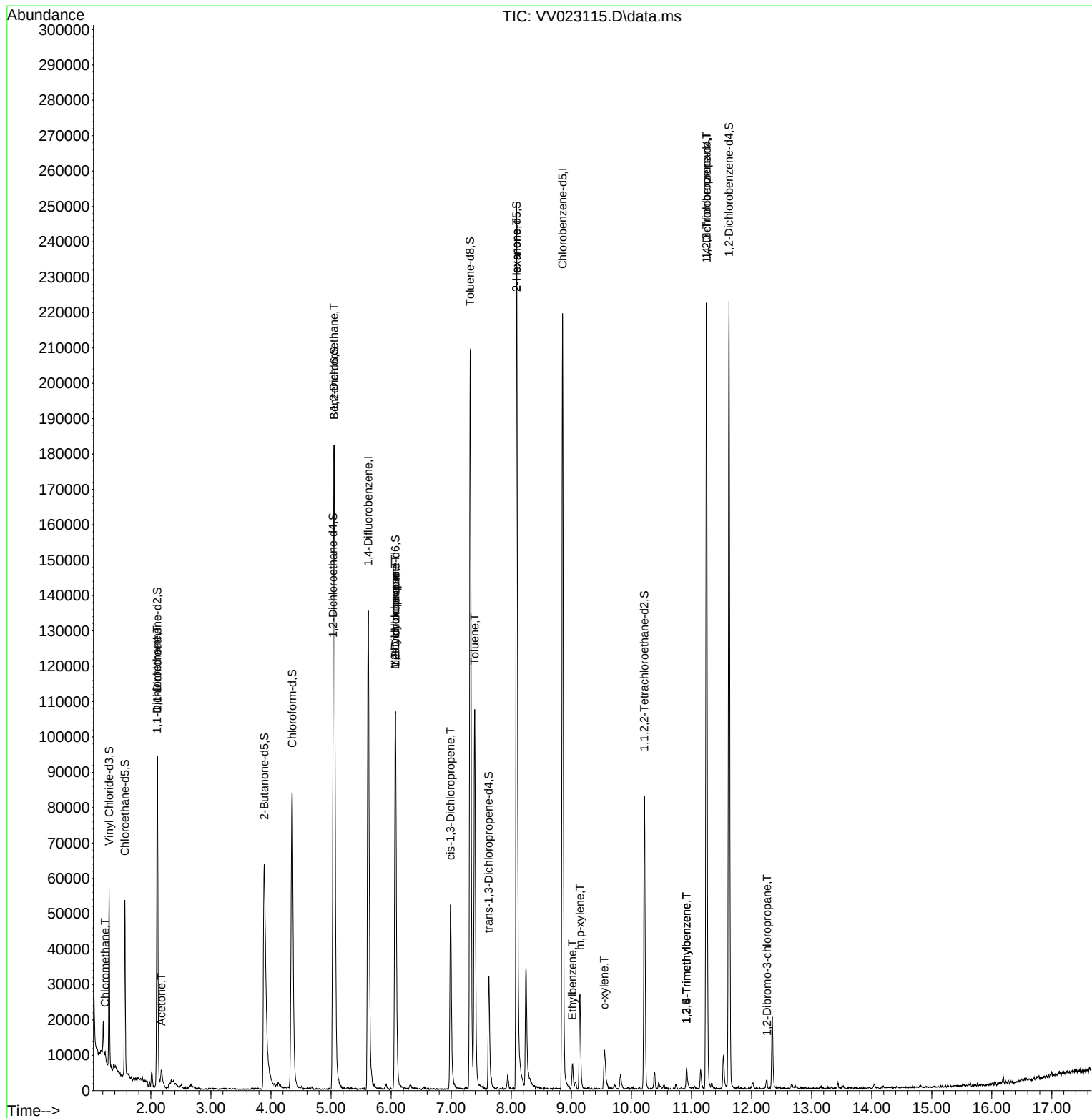
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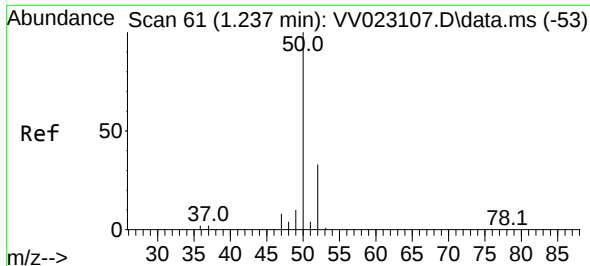
Instrument :
MSVOA_V
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

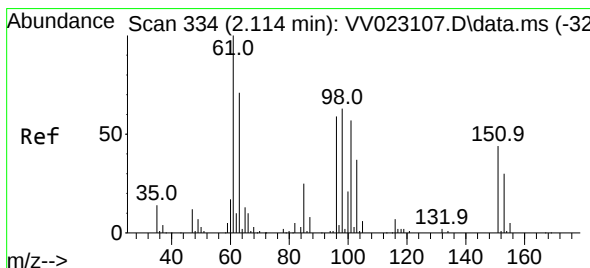
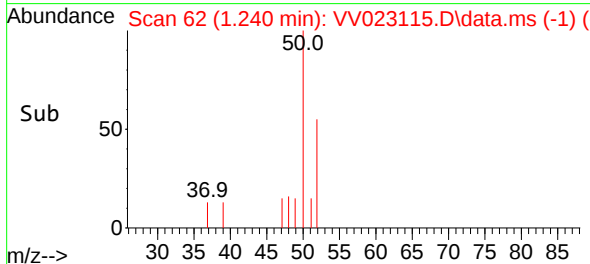
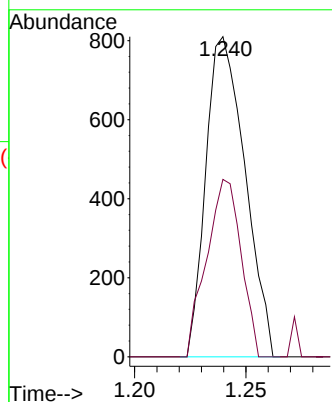
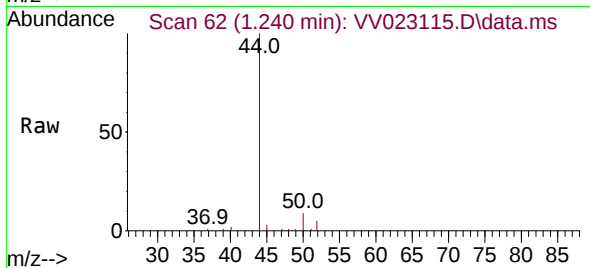




#3
Chloromethane
Concen: 0.120 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023115.D
Acq: 01 Nov 2021 14:31

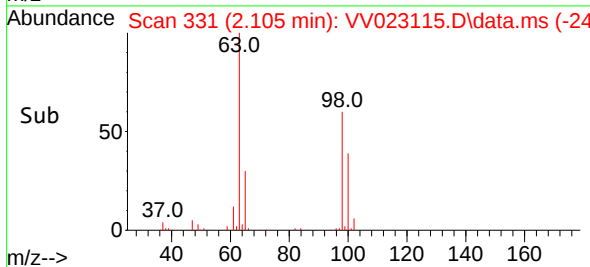
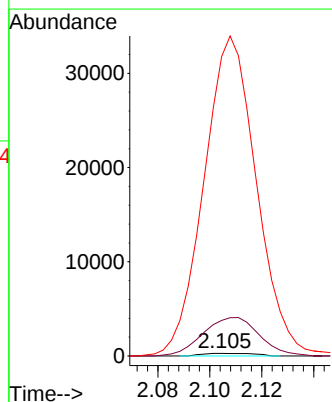
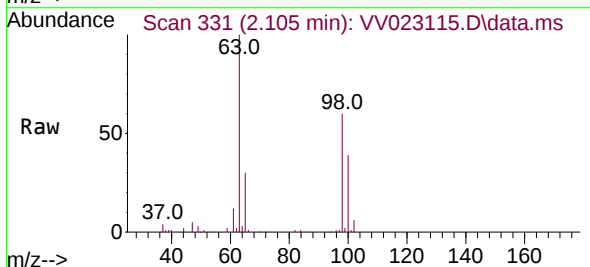
Instrument :
MSVOA_V
ClientSampleId :

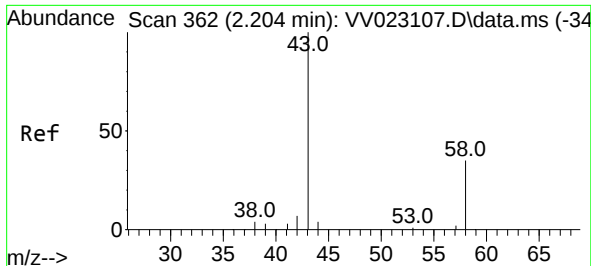
Tgt Ion: 50 Resp: 990
Ion Ratio Lower Upper
50 100
52 55.4 24.3 45.1#



#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV023115.D
Acq: 01 Nov 2021 14:31

Tgt Ion: 96 Resp: 385
Ion Ratio Lower Upper
96 100
61 1378.5 121.5 225.7#
63 11600.0 99.6 185.0#





#13

Acetone

Concen: 8.086 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.029 min

Lab File: VV023115.D

Acq: 01 Nov 2021 14:31

Instrument :

MSVOA_V

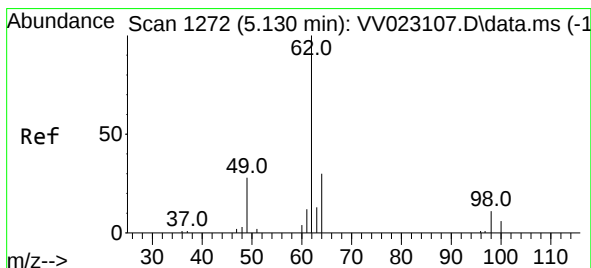
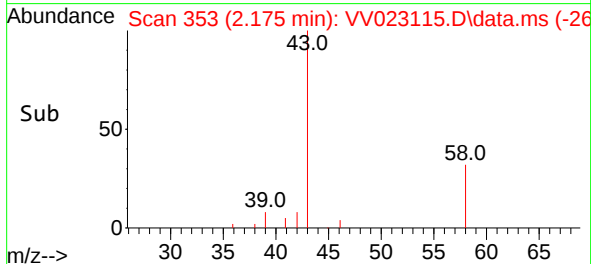
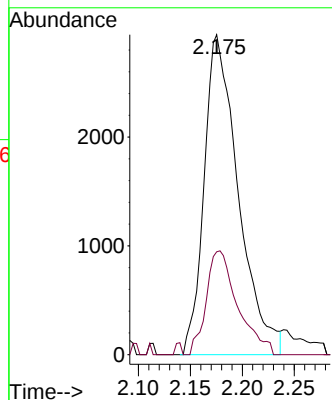
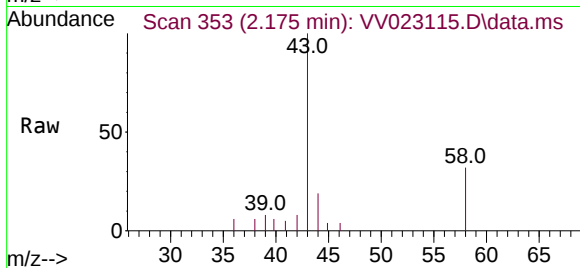
ClientSampleId :

Tgt Ion: 43 Resp: 6719

Ion Ratio Lower Upper

43 100

58 30.0 0.0 55.4



#27

1,2-Dichloroethane

Concen: 0.123 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.084 min

Lab File: VV023115.D

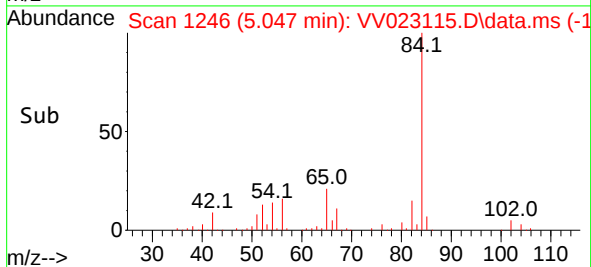
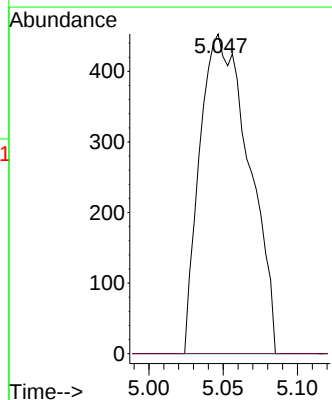
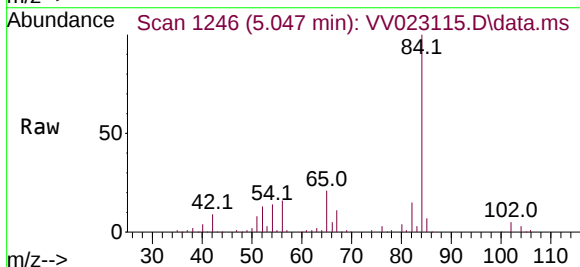
Acq: 01 Nov 2021 14:31

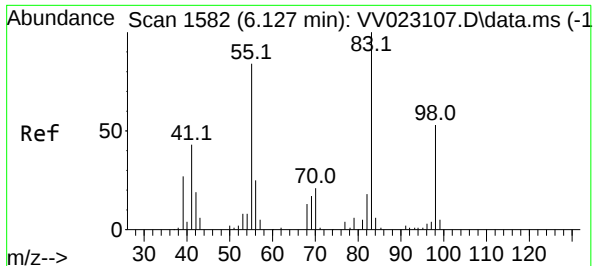
Tgt Ion: 62 Resp: 1041

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

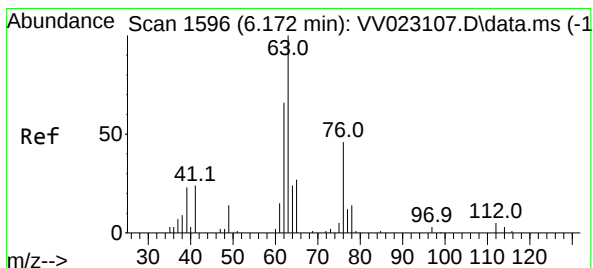
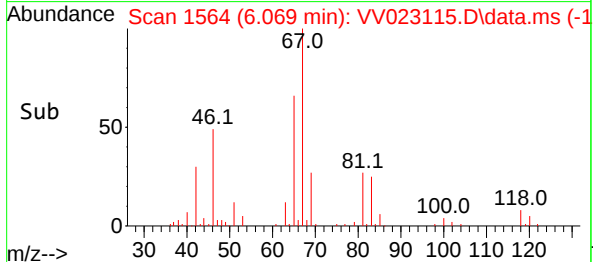
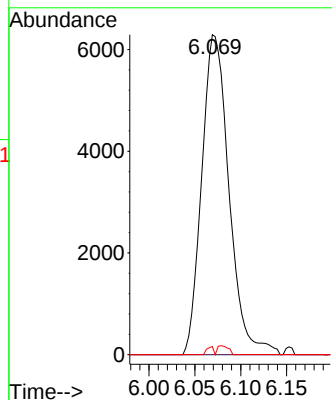
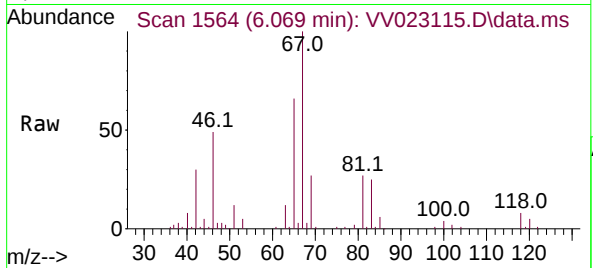




#35
Methylcyclohexane
Concen: 1.087 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV023115.D
Acq: 01 Nov 2021 14:31

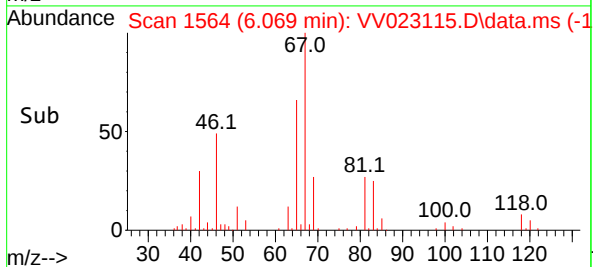
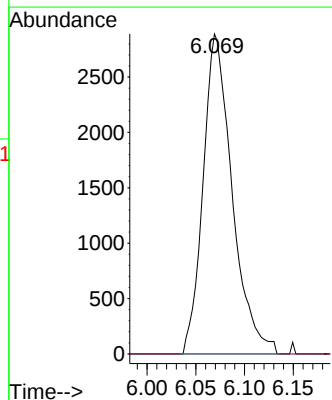
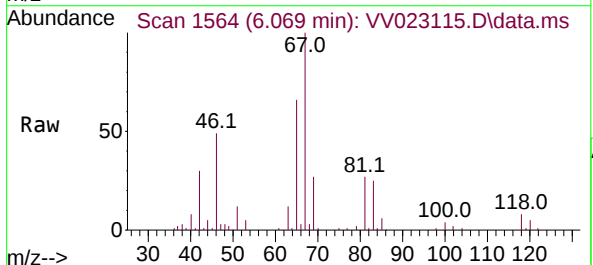
Instrument :
MSVOA_V
ClientSampleId :

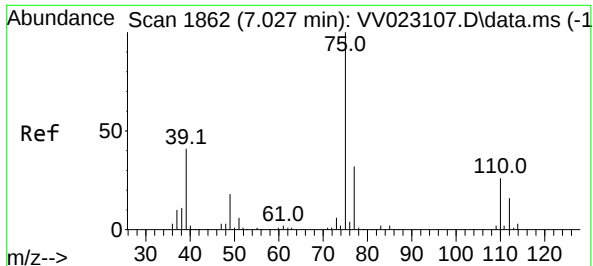
Tgt Ion: 83 Resp: 13035
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.6 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV023115.D
Acq: 01 Nov 2021 14:31

Tgt Ion: 63 Resp: 5989
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.135 ug/L

RT: 6.989 min Scan# 1862

Delta R.T. -0.039 min

Lab File: VV023115.D

Acq: 01 Nov 2021 14:31

Instrument :

MSVOA_V

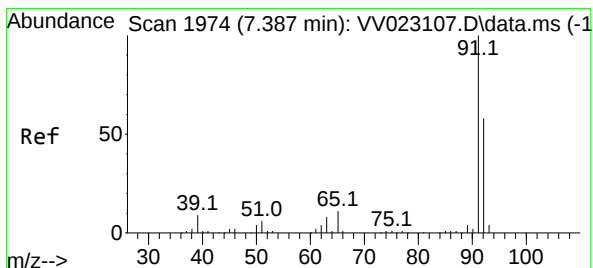
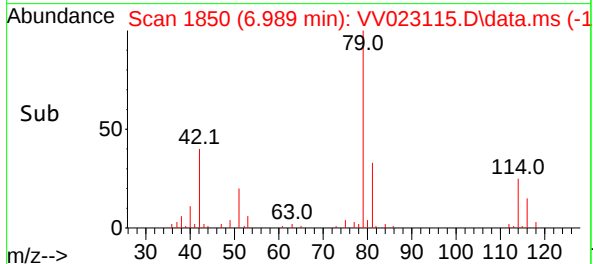
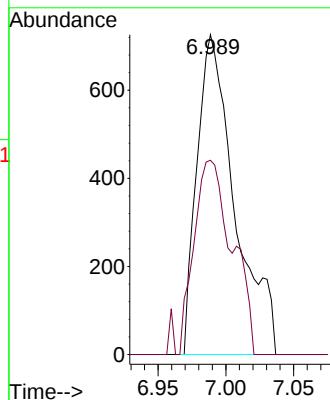
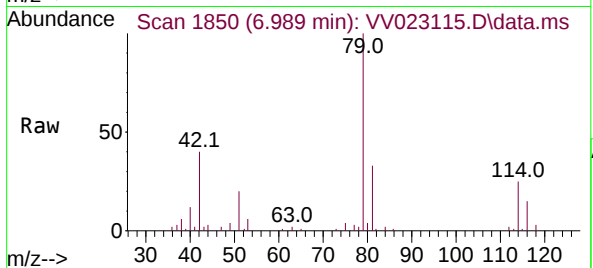
ClientSampleId :

Tgt Ion: 75 Resp: 1416

Ion Ratio Lower Upper

75 100

77 60.7 21.6 40.2#



#42

Toluene

Concen: 2.399 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV023115.D

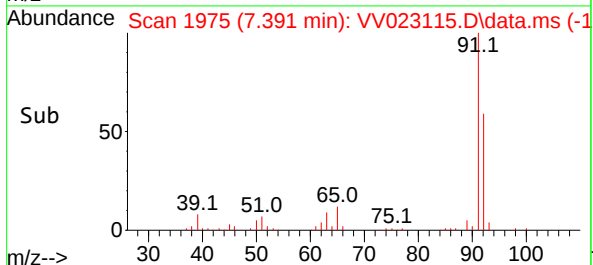
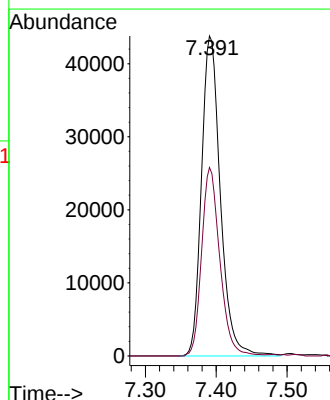
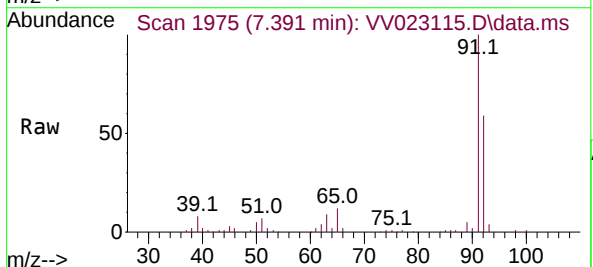
Acq: 01 Nov 2021 14:31

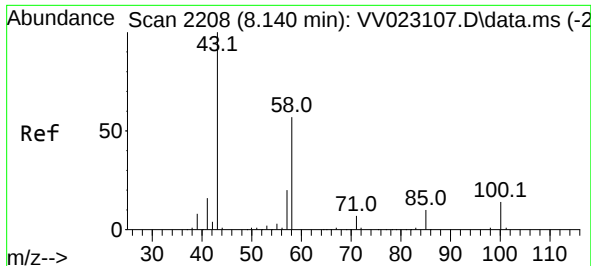
Tgt Ion: 91 Resp: 81026

Ion Ratio Lower Upper

91 100

92 58.9 39.3 72.9





#48

2-Hexanone

Concen: 3.547 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.052 min

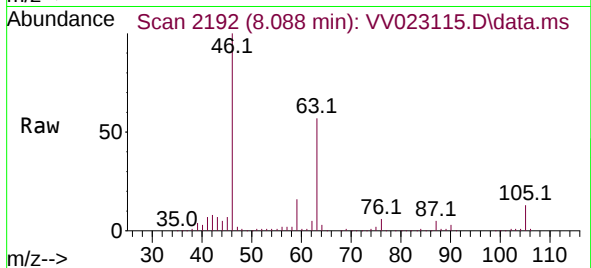
Lab File: VV023115.D

Acq: 01 Nov 2021 14:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 10413

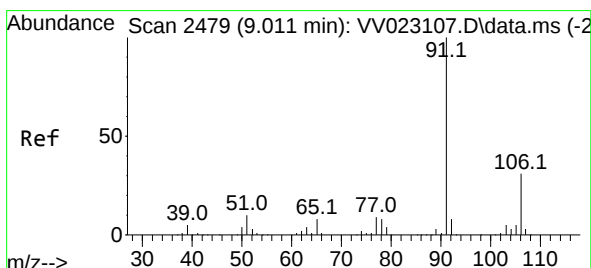
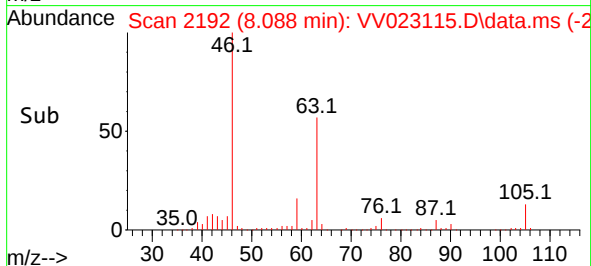
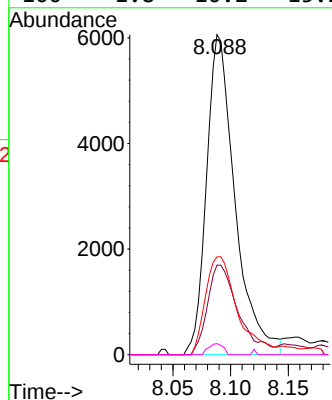
Ion Ratio Lower Upper

43 100

58 30.3 43.7 65.5#

57 34.2 14.1 21.1#

100 1.8 10.2 15.2#



#52

Ethylbenzene

Concen: 0.146 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV023115.D

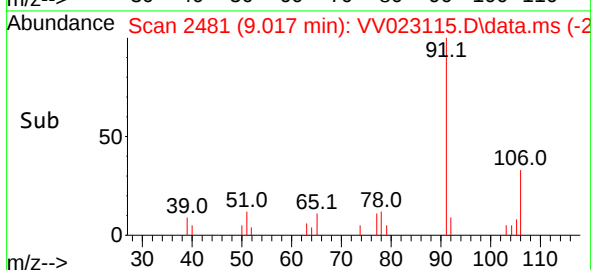
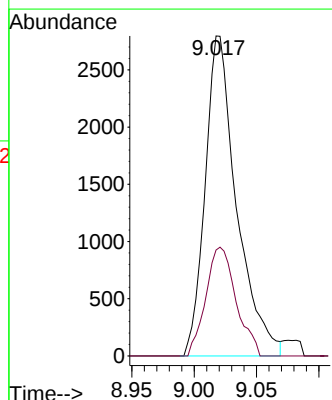
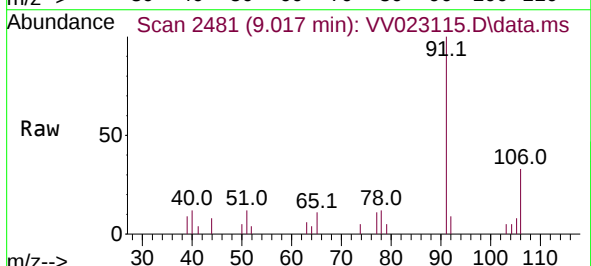
Acq: 01 Nov 2021 14:31

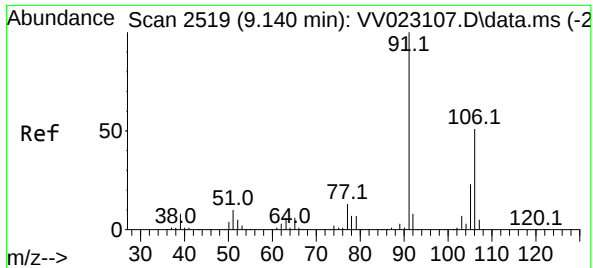
Tgt Ion: 91 Resp: 4909

Ion Ratio Lower Upper

91 100

106 33.1 22.5 41.9

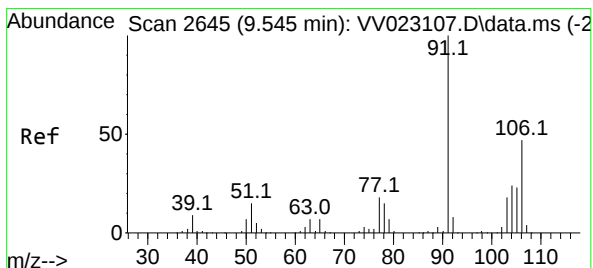
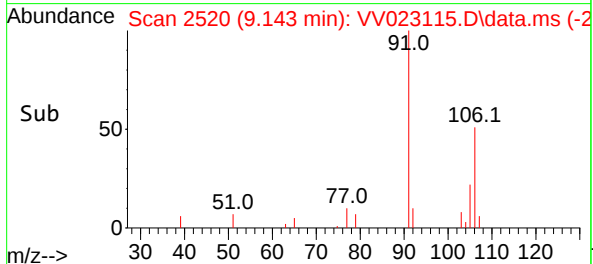
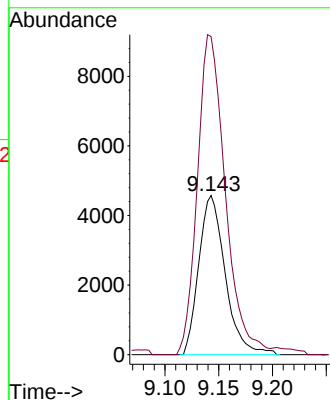
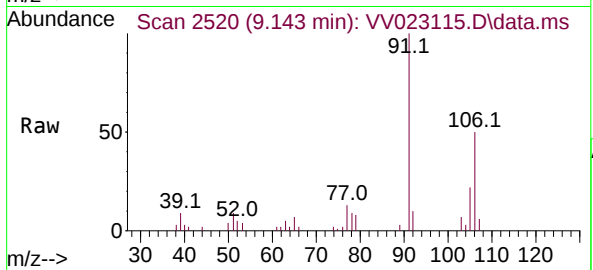




#53
m,p-xylene
Concen: 0.582 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023115.D
Acq: 01 Nov 2021 14:31

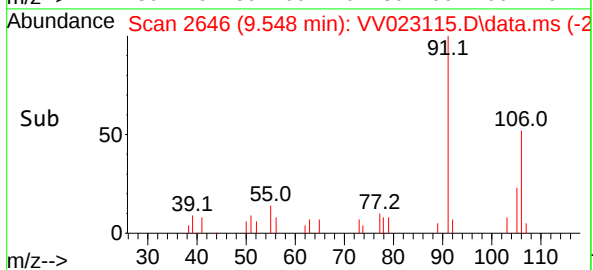
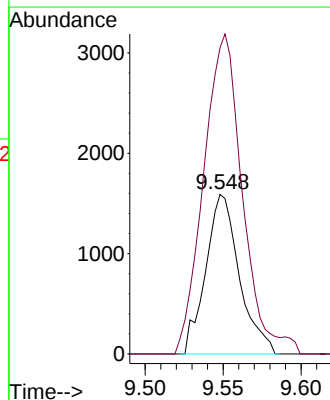
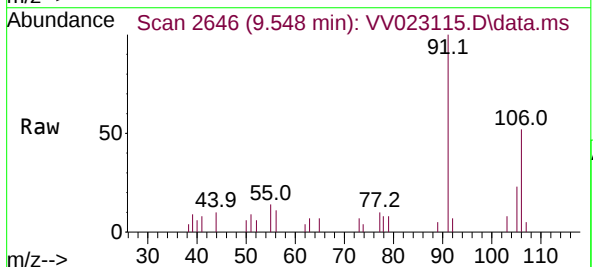
Instrument :
MSVOA_V
ClientSampleId :

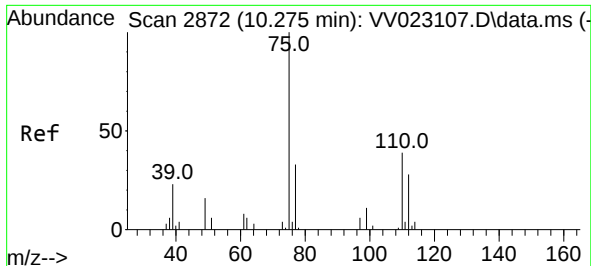
Tgt Ion:106 Resp: 7823
Ion Ratio Lower Upper
106 100
91 199.8 137.2 254.8



#54
o-xylene
Concen: 0.188 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023115.D
Acq: 01 Nov 2021 14:31

Tgt Ion:106 Resp: 2385
Ion Ratio Lower Upper
106 100
91 192.0 148.3 275.5

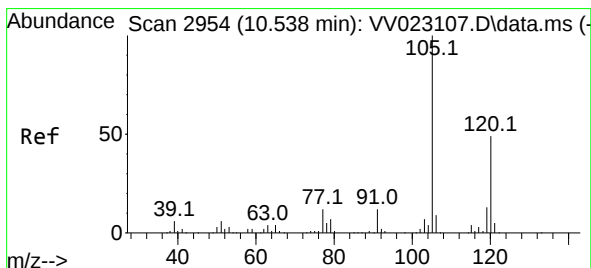
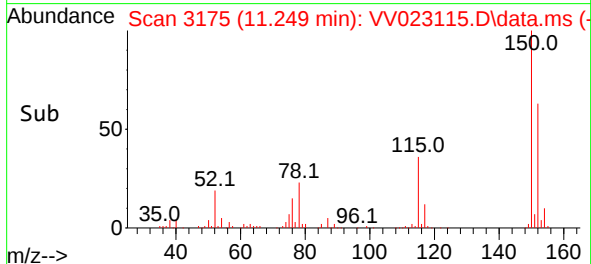
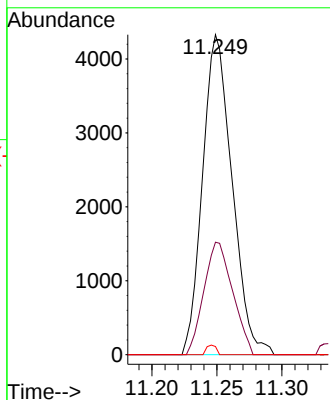
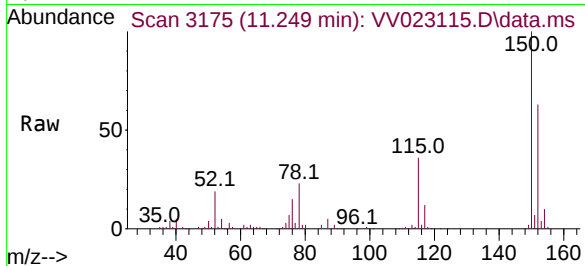




#61
1,2,3-Trichloropropane
Concen: 1.634 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023115.D
Acq: 01 Nov 2021 14:31

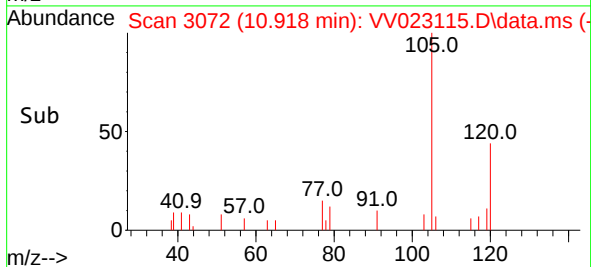
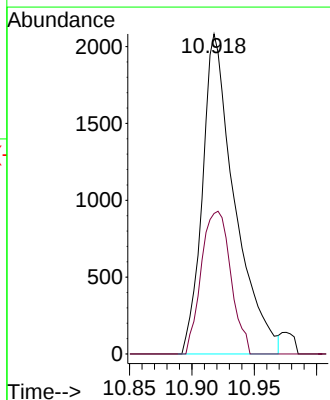
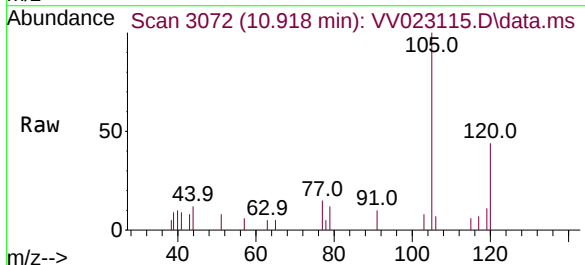
Instrument :
MSVOA_V
ClientSampleId :

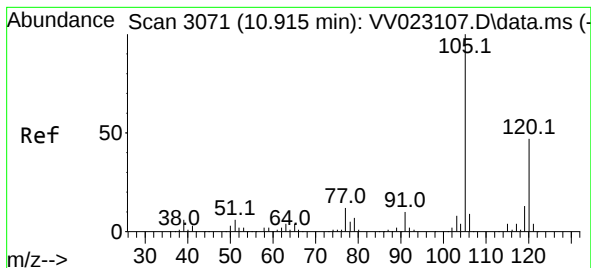
Tgt Ion: 75 Resp: 6828
Ion Ratio Lower Upper
75 100
77 34.2 26.6 39.8
110 1.0 31.8 47.6#



#62
1,3,5-Trimethylbenzene
Concen: 0.155 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.379 min
Lab File: VV023115.D
Acq: 01 Nov 2021 14:31

Tgt Ion: 105 Resp: 3740
Ion Ratio Lower Upper
105 100
120 40.8 39.7 59.5





#63

1,2,4-Trimethylbenzene

Concen: 0.155 ug/L

RT: 10.918 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV023115.D

Acq: 01 Nov 2021 14:31

Instrument :

MSVOA_V

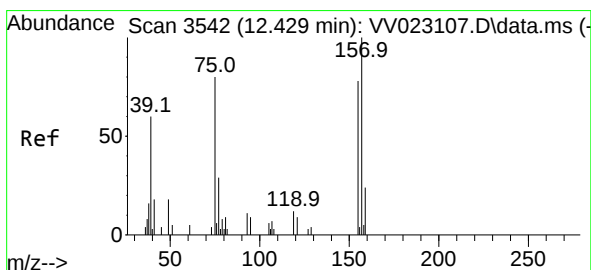
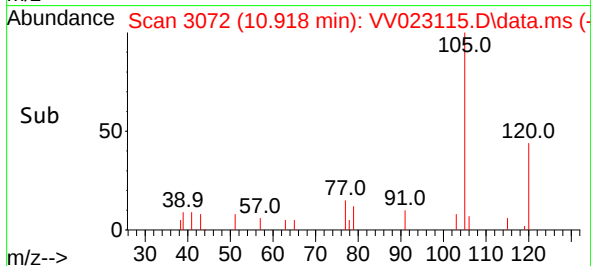
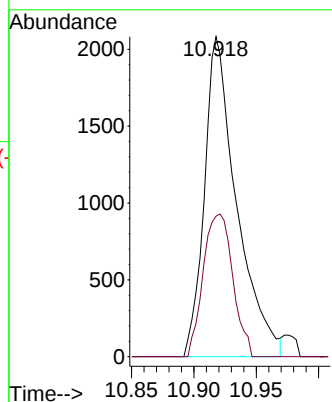
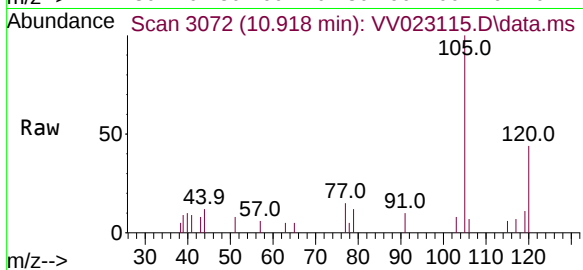
ClientSampleId :

Tgt Ion:105 Resp: 3740

Ion Ratio Lower Upper

105 100

120 40.8 37.4 56.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.115 ug/L

RT: 12.258 min Scan# 3489

Delta R.T. -0.171 min

Lab File: VV023115.D

Acq: 01 Nov 2021 14:31

Tgt Ion: 75 Resp: 95

Ion Ratio Lower Upper

75 100

155 0.0 67.7 101.5#

157 0.0 87.9 131.9#

