

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026491.D
 Acq On : 21 Jun 2022 16:14
 Operator : SY/MD
 Sample : N3355-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:43:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 04:36:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.628	114	177596	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	172076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	56402	3.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.584	69	51031	4.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.124	63	83577	3.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.937	46	77593	51.551	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.100%
24) Chloroform-d	4.368	84	113681	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.046	65	47621	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.066	84	218664	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.079	67	69394	5.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.320	98	179255	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.632	79	15720	3.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.095	63	59633	45.342	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44005	5.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	58651	5.394	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	4328	0.294	ug/L	97
6) Bromomethane	1.542	94	636	0.074	ug/L	94
25) Chloroform	4.387	83	3114	0.138	ug/L #	75
27) 1,2-Dichloroethane	5.059	62	1198	0.117	ug/L #	71
29) 1,1,1-Trichloroethane	4.628	97	3751	0.197	ug/L #	87
31) Carbon tetrachloride	4.841	117	555	0.034	ug/L #	6
34) Trichloroethene	5.924	95	112057	9.304	ug/L	98
35) Methylcyclohexane	6.079	83	16886	1.014	ug/L #	27
37) 1,2-Dichloropropane	6.079	63	7413	0.642	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1346	0.102	ug/L	84
52) Ethylbenzene	9.024	91	2368	0.051	ug/L	90
53) m,p-Xylene	9.146	106	1987	0.110	ug/L	81
60) Isopropylbenzene	10.455	105	2197	0.058	ug/L #	83
61) 1,2,3-Trichloropropane	11.249	75	7649	1.670	ug/L #	66
63) 1,2,4-Trimethylbenzene	10.918	105	2603	0.088	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.246	75	132	0.163	ug/L #	3

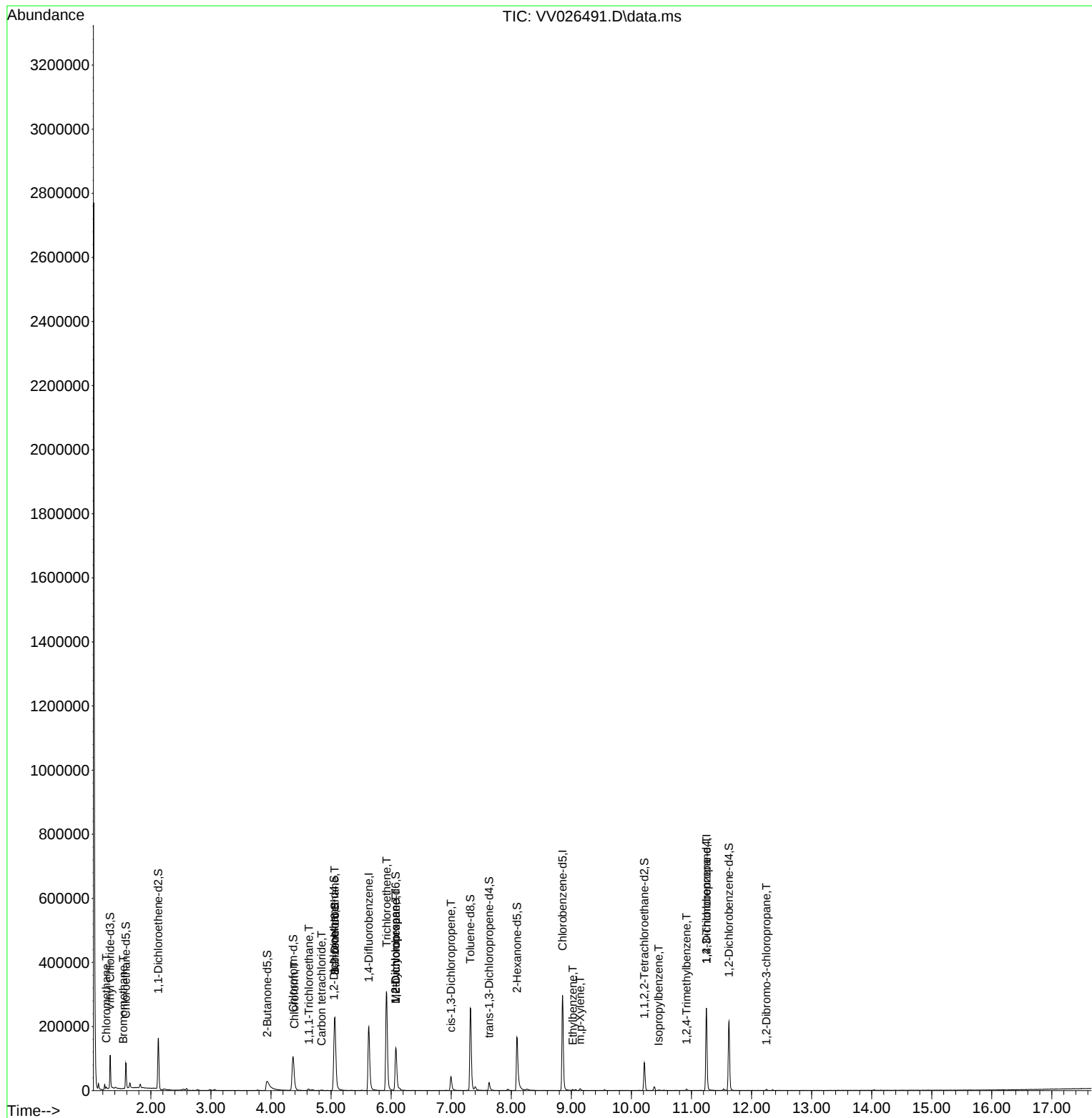
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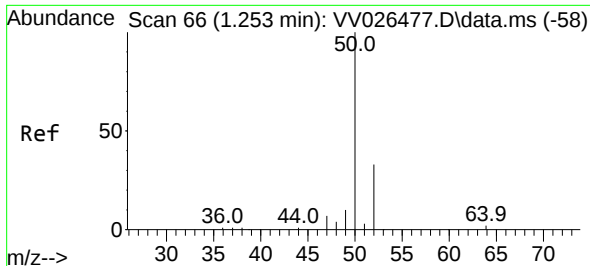
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062122\
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

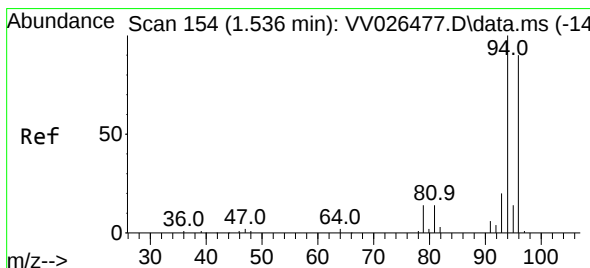
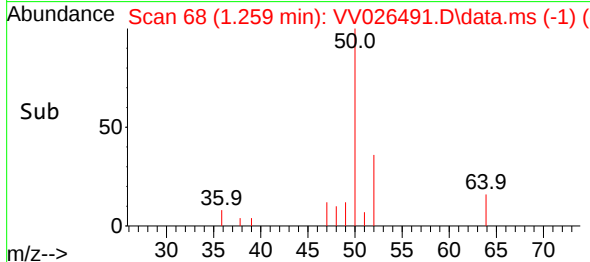
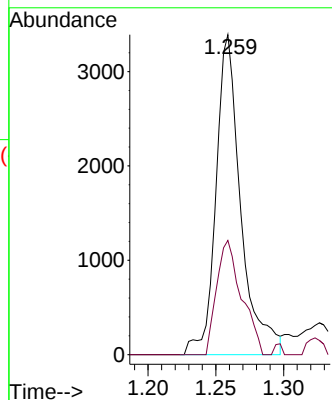
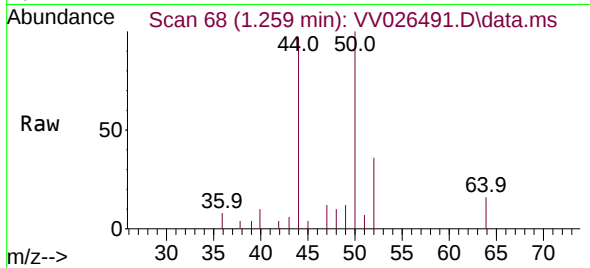




#3
Chloromethane
Concen: 0.294 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026491.D
Acq: 21 Jun 2022 16:14

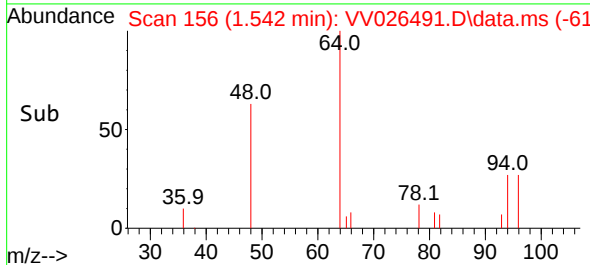
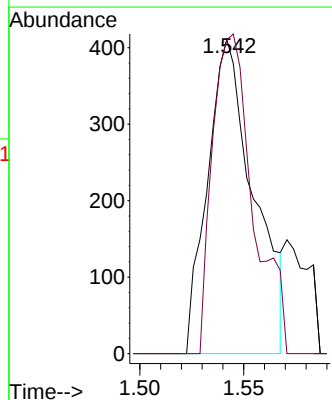
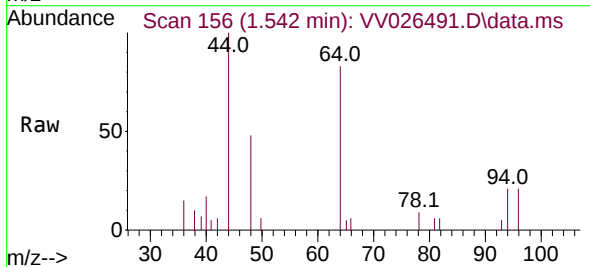
Instrument :
MSVOA_V
ClientSampleId :

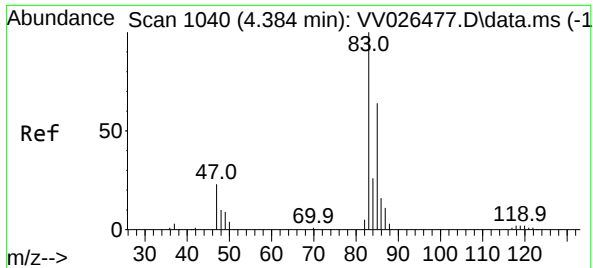
Tgt Ion: 50 Resp: 4328
Ion Ratio Lower Upper
50 100
52 35.7 23.7 44.1



#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026491.D
Acq: 21 Jun 2022 16:14

Tgt Ion: 94 Resp: 636
Ion Ratio Lower Upper
94 100
96 99.8 65.7 121.9

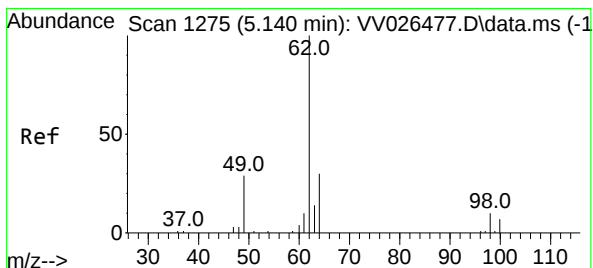
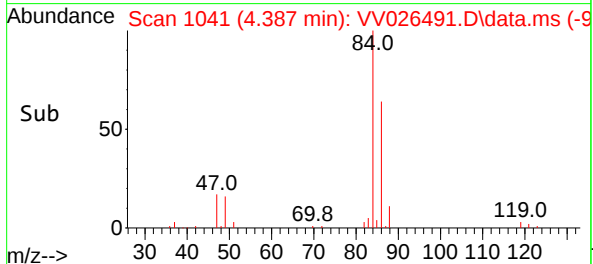
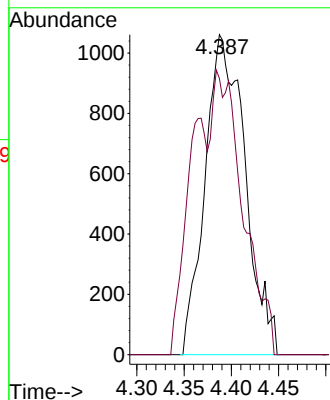
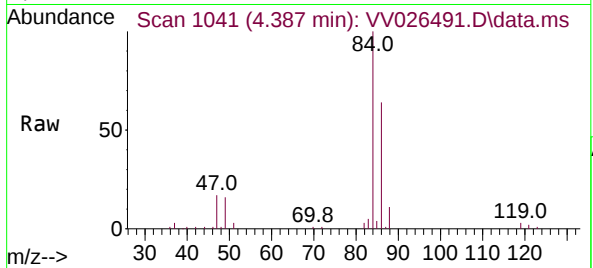




#25
Chloroform
Concen: 0.138 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.003 min
Lab File: VV026491.D
Acq: 21 Jun 2022 16:14

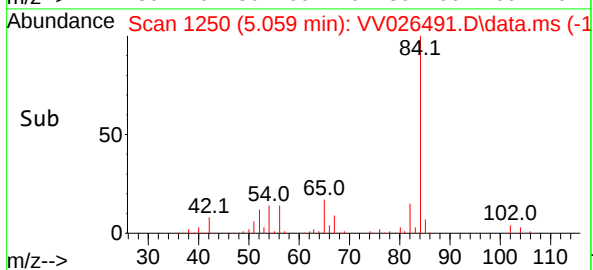
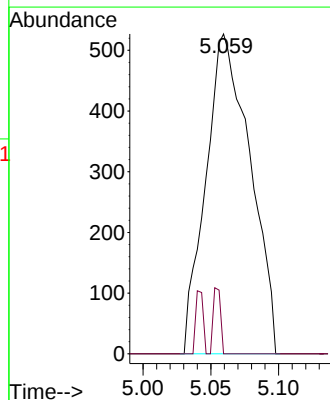
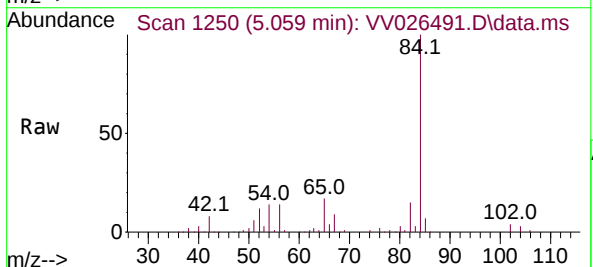
Instrument :
MSVOA_V
ClientSampleId :

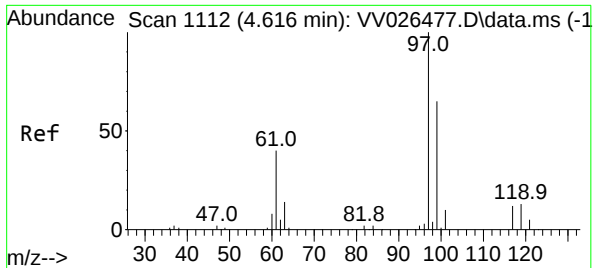
Tgt Ion: 83 Resp: 3114
Ion Ratio Lower Upper
83 100
85 86.3 46.5 86.3#



#27
1,2-Dichloroethane
Concen: 0.117 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. -0.081 min
Lab File: VV026491.D
Acq: 21 Jun 2022 16:14

Tgt Ion: 62 Resp: 1198
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#





#29

1,1,1-Trichloroethane

Concen: 0.197 ug/L

RT: 4.628 min Scan# 1116

Delta R.T. 0.013 min

Lab File: VV026491.D

Acq: 21 Jun 2022 16:14

Instrument :

MSVOA_V

ClientSampleId :

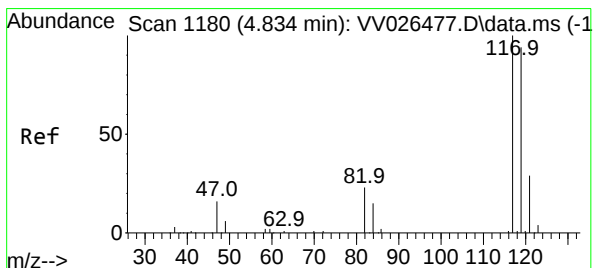
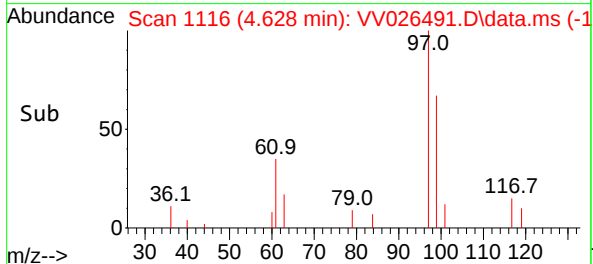
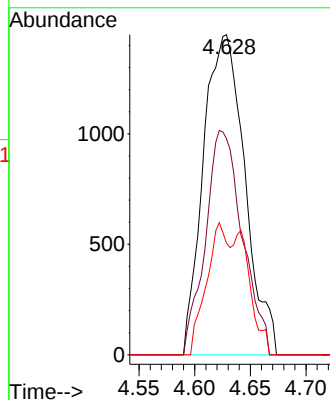
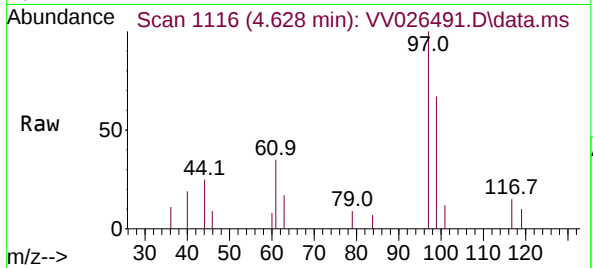
Tgt Ion: 97 Resp: 3751

Ion Ratio Lower Upper

97 100

99 62.4 50.3 75.5

61 22.4 33.4 50.0#



#31

Carbon tetrachloride

Concen: 0.034 ug/L

RT: 4.841 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VV026491.D

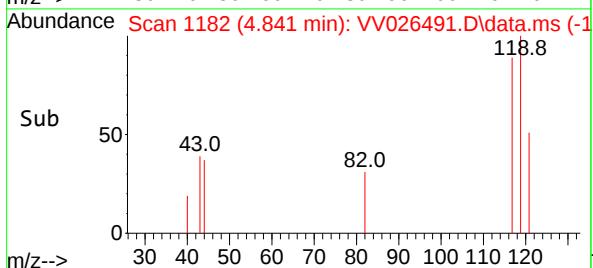
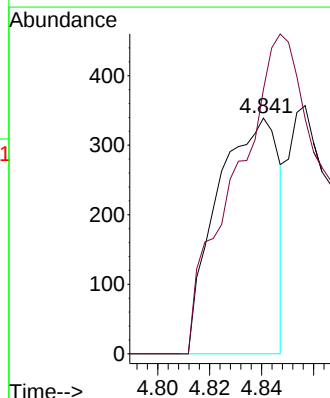
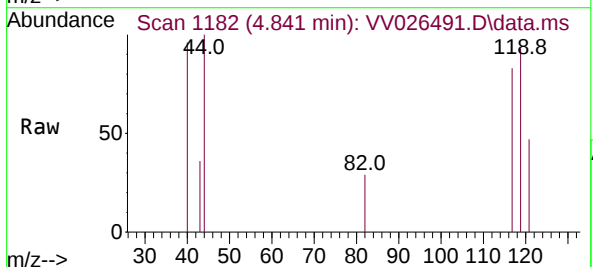
Acq: 21 Jun 2022 16:14

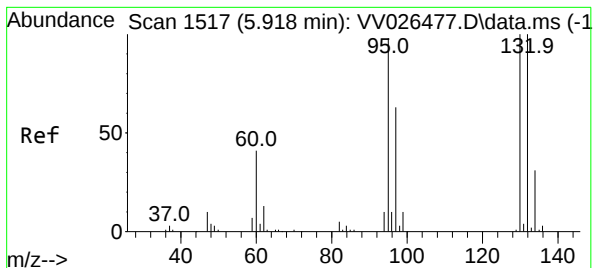
Tgt Ion: 117 Resp: 555

Ion Ratio Lower Upper

117 100

119 186.8 76.2 114.4#





#34

Trichloroethene

Concen: 9.304 ug/L

RT: 5.924 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026491.D

Acq: 21 Jun 2022 16:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 112057

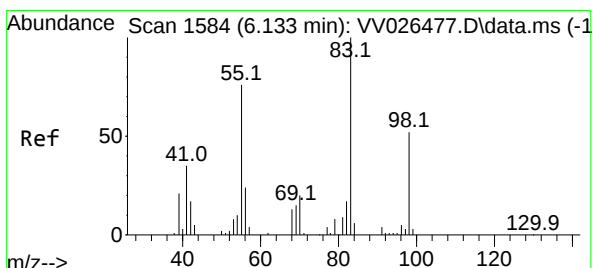
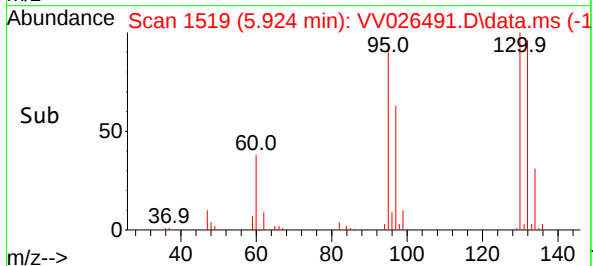
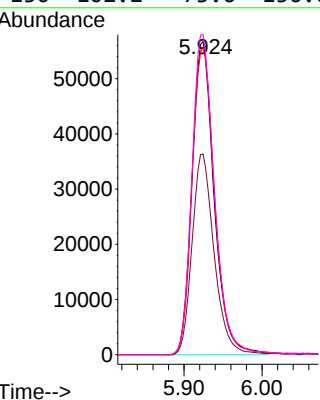
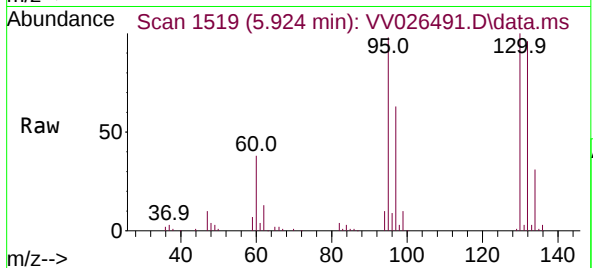
Ion Ratio Lower Upper

95 100

97 64.1 46.5 86.3

132 98.2 68.8 127.8

130 102.2 73.6 136.6



#35

Methylcyclohexane

Concen: 1.014 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.055 min

Lab File: VV026491.D

Acq: 21 Jun 2022 16:14

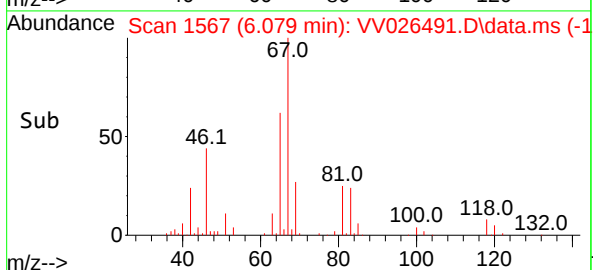
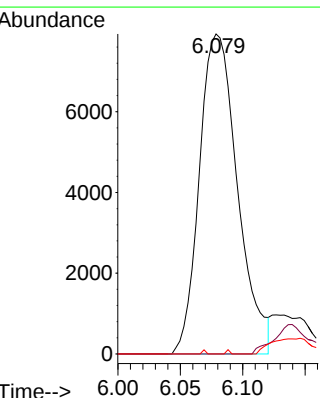
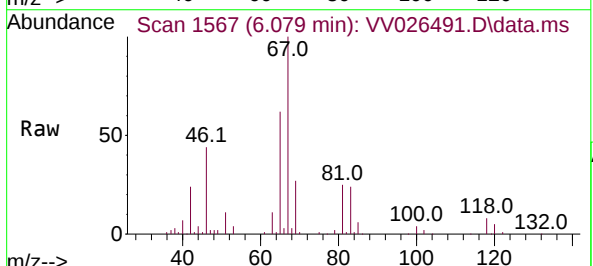
Tgt Ion: 83 Resp: 16886

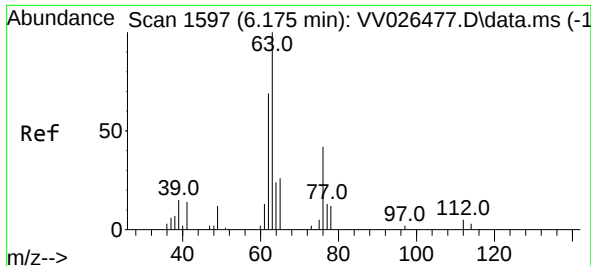
Ion Ratio Lower Upper

83 100

55 8.2 59.3 88.9#

98 5.3 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV026491.D

Acq: 21 Jun 2022 16:14

Instrument :

MSVOA_V

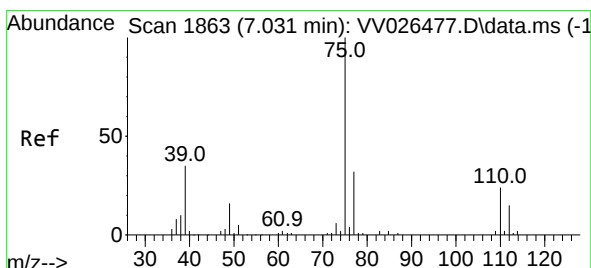
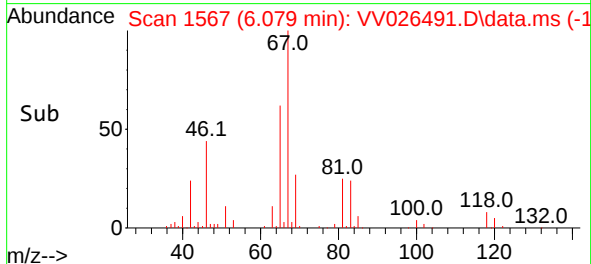
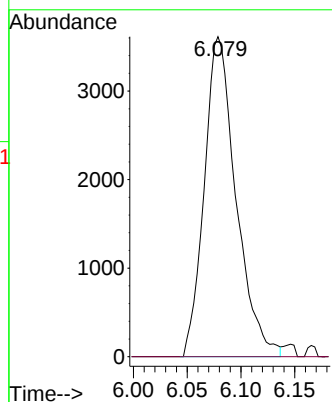
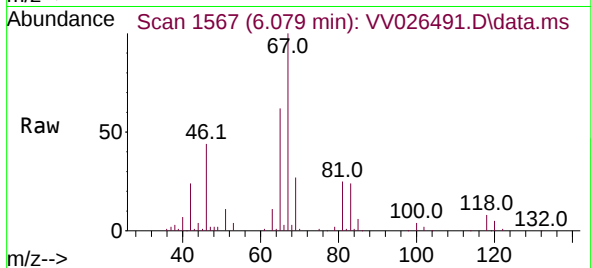
ClientSampleId :

Tgt Ion: 63 Resp: 7413

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.036 min

Lab File: VV026491.D

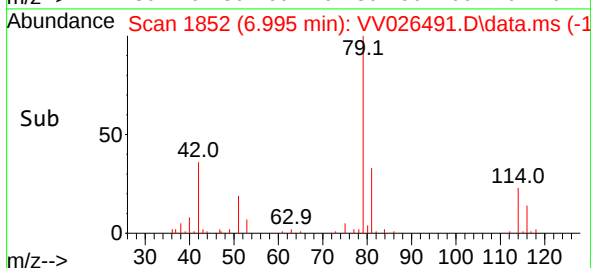
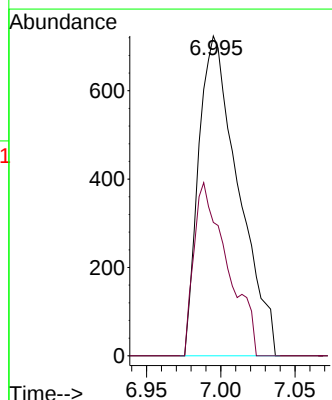
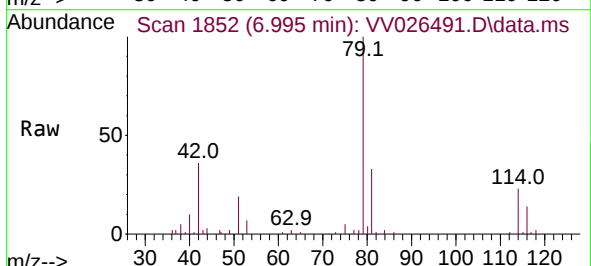
Acq: 21 Jun 2022 16:14

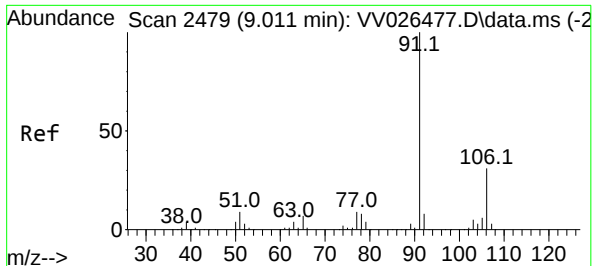
Tgt Ion: 75 Resp: 1346

Ion Ratio Lower Upper

75 100

77 41.7 23.0 42.6





#52

Ethylbenzene

Concen: 0.051 ug/L

RT: 9.024 min Scan# 2479

Delta R.T. 0.013 min

Lab File: VV026491.D

Acq: 21 Jun 2022 16:14

Instrument :

MSVOA_V

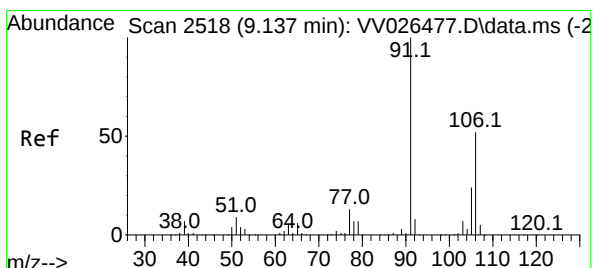
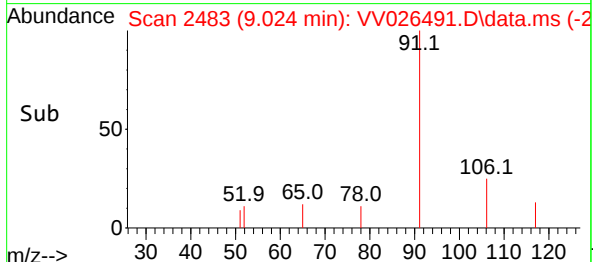
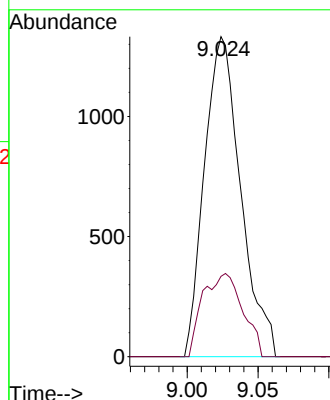
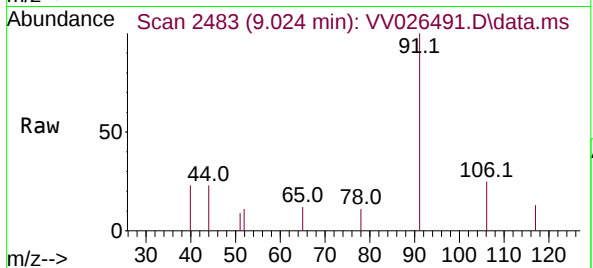
ClientSampleId :

Tgt Ion: 91 Resp: 2368

Ion Ratio Lower Upper

91 100

106 25.1 21.6 40.0



#53

m,p-Xylene

Concen: 0.110 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.009 min

Lab File: VV026491.D

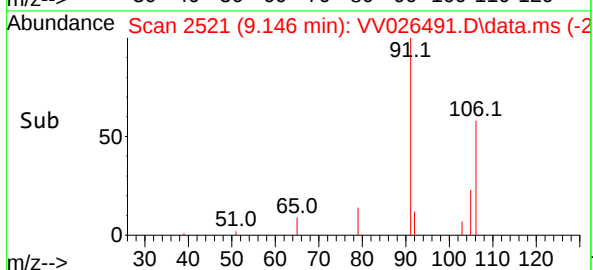
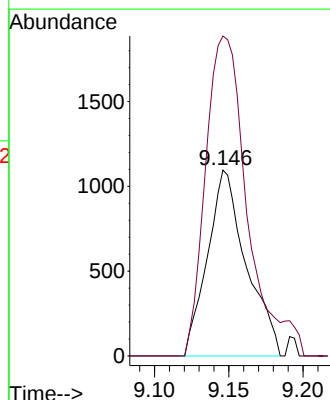
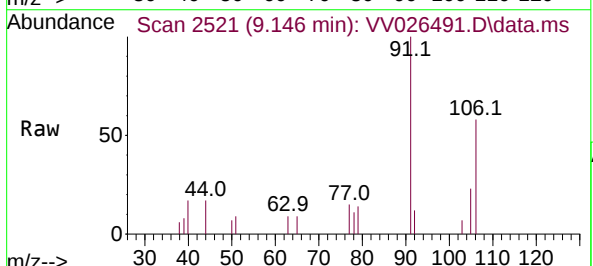
Acq: 21 Jun 2022 16:14

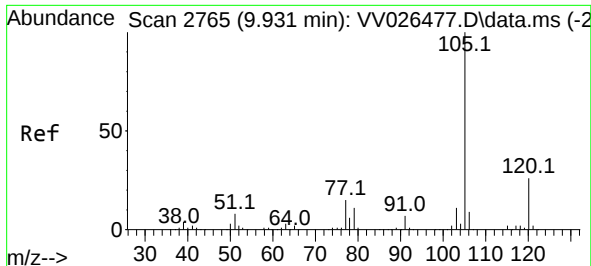
Tgt Ion: 106 Resp: 1987

Ion Ratio Lower Upper

106 100

91 172.2 141.3 262.3

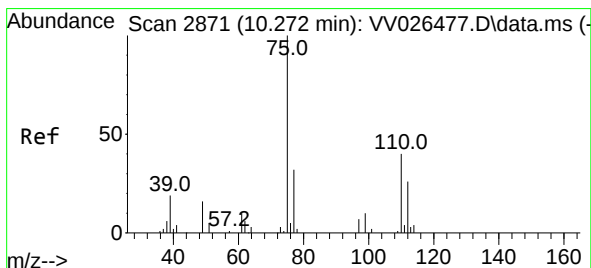
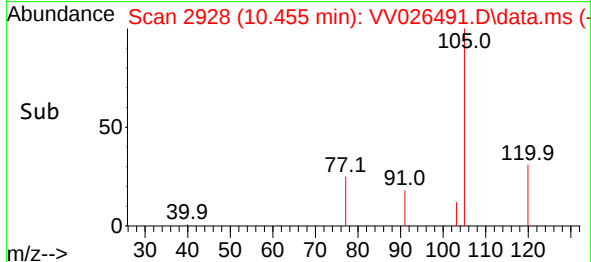
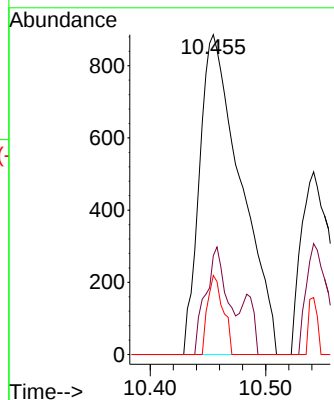
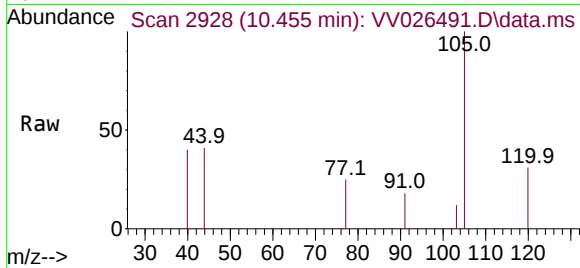




#60
Isopropylbenzene
Concen: 0.058 ug/L
RT: 10.455 min Scan# 2928
Delta R.T. 0.524 min
Lab File: VV026491.D
Acq: 21 Jun 2022 16:14

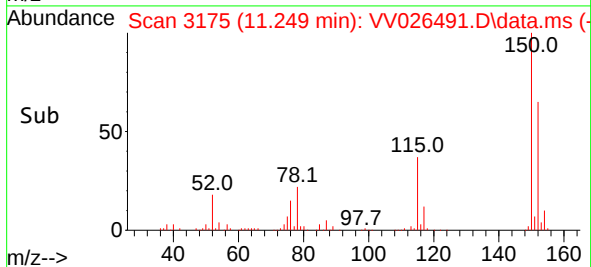
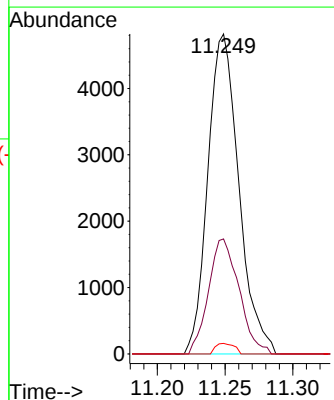
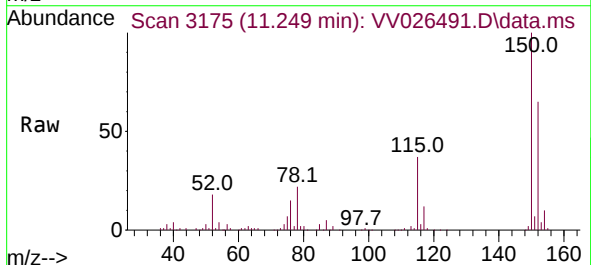
Instrument :
MSVOA_V
ClientSampleId :

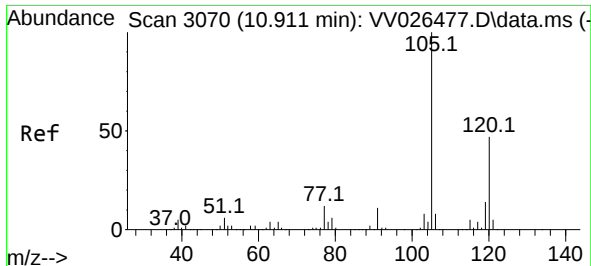
Tgt Ion:105 Resp: 2197
Ion Ratio Lower Upper
105 100
120 17.3 21.5 32.3#
77 9.3 12.2 18.4#



#61
1,2,3-Trichloropropane
Concen: 1.670 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026491.D
Acq: 21 Jun 2022 16:14

Tgt Ion: 75 Resp: 7649
Ion Ratio Lower Upper
75 100
77 35.5 26.9 40.3
110 2.0 30.7 46.1#





#63

1,2,4-Trimethylbenzene

Concen: 0.088 ug/L

RT: 10.918 min Scan# 3070

Delta R.T. 0.006 min

Lab File: VV026491.D

Acq: 21 Jun 2022 16:14

Instrument :

MSVOA_V

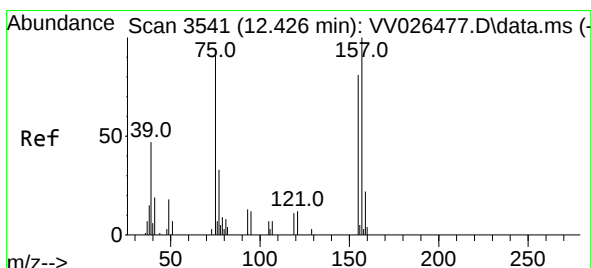
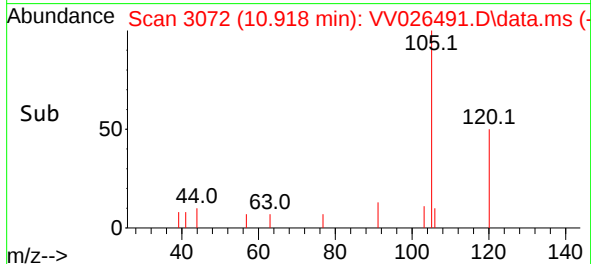
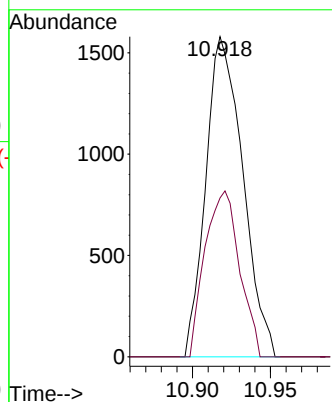
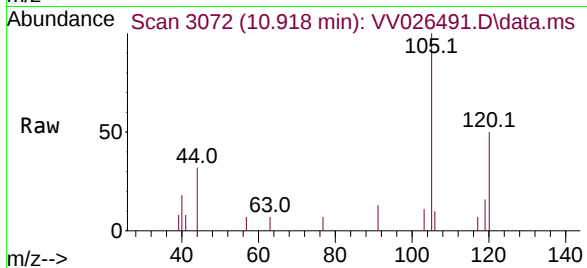
ClientSampleId :

Tgt Ion:105 Resp: 2603

Ion Ratio Lower Upper

105 100

120 48.4 36.9 55.3



#68

1,2-Dibromo-3-chloropropane

Concen: 0.163 ug/L

RT: 12.246 min Scan# 3485

Delta R.T. -0.180 min

Lab File: VV026491.D

Acq: 21 Jun 2022 16:14

Tgt Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

155 0.0 63.7 95.5#

157 0.0 85.0 127.6#

