

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041822\
 Data File : VW025611.D
 Acq On : 18 Apr 2022 16:36
 Operator : SY/MD
 Sample : N2384-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6P8RE

Quant Time: Apr 19 05:09:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 19 05:06:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122685	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	55468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	61487	5.391	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.800%
7) Chloroethane-d5	1.571	69	56312	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.111	63	94929	4.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.899	46	77376	55.769	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.540%
24) Chloroform-d	4.352	84	90988	5.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.037	65	43655	5.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.600%
32) Benzene-d6	5.053	84	186217	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.069	67	55071	5.421	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.317	98	159341	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.625	79	15989	4.683	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.088	63	56618	47.245	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32617	5.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	51960	5.587	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	1775	0.160	ug/L	98
3) Chloromethane	1.243	50	456	0.038	ug/L	88
5) Vinyl chloride	1.314	62	1247	0.092	ug/L #	32
12) 1,1-Dichloroethene	2.114	96	1039	0.098	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	363	0.041	ug/L #	62
22) cis-1,2-Dichloroethene	3.925	96	8600	0.916	ug/L	85
25) Chloroform	4.378	83	4597	0.288	ug/L #	75
35) Methylcyclohexane	6.069	83	13188	0.837	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6079	0.707	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1278	0.113	ug/L #	63
44) trans-1,3-Dichloropropene	7.622	75	741	0.085	ug/L #	64
47) Tetrachloroethene	7.979	164	3756	0.486	ug/L	91
49) Dibromochloromethane	7.976	129	3495	0.553	ug/L #	11
52) Ethylbenzene	9.027	91	1913	0.044	ug/L	91
53) m,p-Xylene	9.149	106	1711	0.104	ug/L	95
61) 1,2,3-Trichloropropane	11.246	75	6841	1.873	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.918	105	1966	0.128	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	1966	0.071	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.252	75	335	0.530	ug/L #	2

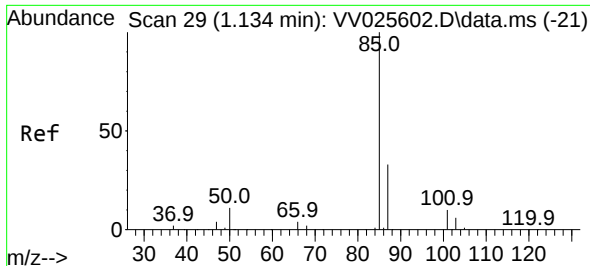
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Data File : VV025611.D
Acq On : 18 Apr 2022 16:36
Operator : SY/MD
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Quant Time: Apr 19 05:09:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 19 05:06:28 2022
Response via : Initial Calibration

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

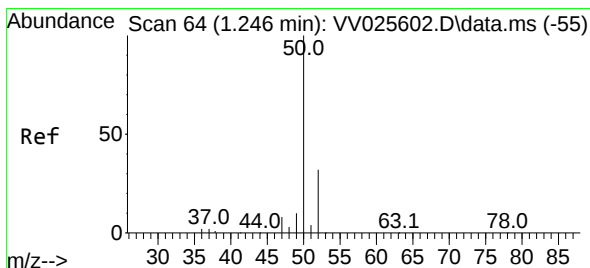
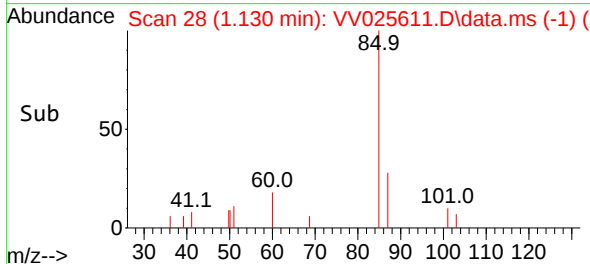
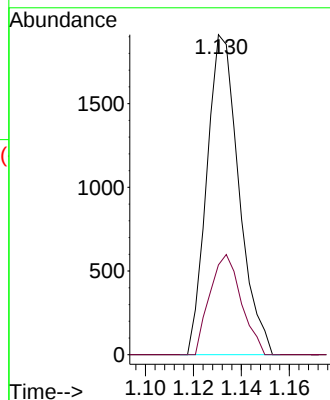
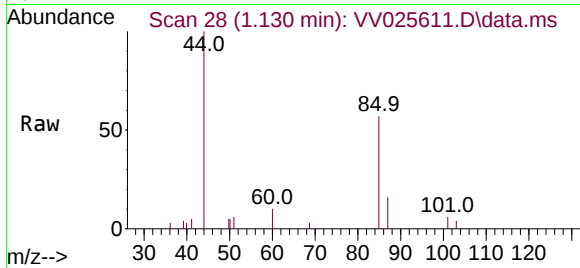
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.160 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025611.D
 Acq: 18 Apr 2022 16:36

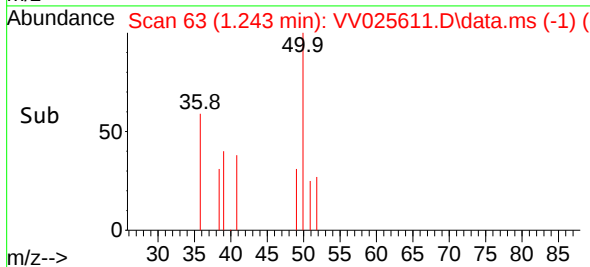
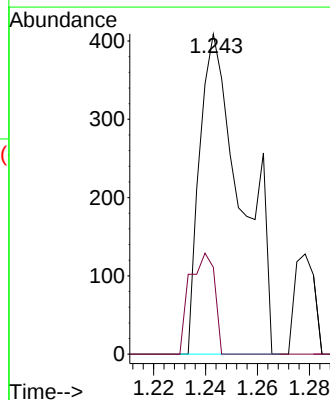
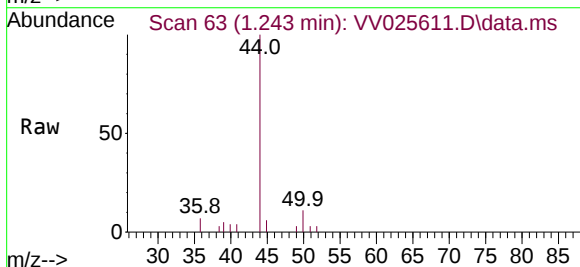
Instrument :
 MSVOA_V
 ClientSampleId :
 EW6P8RE

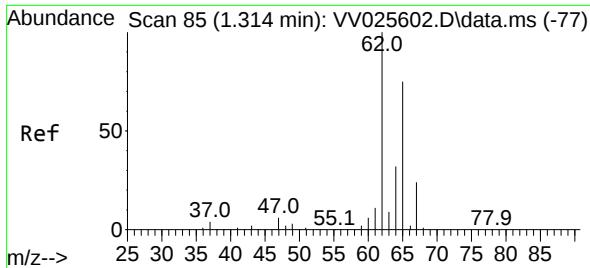
Tgt Ion: 85 Resp: 1775
 Ion Ratio Lower Upper
 85 100
 87 30.6 25.6 38.4



#3
 Chloromethane
 Concen: 0.038 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.003 min
 Lab File: VV025611.D
 Acq: 18 Apr 2022 16:36

Tgt Ion: 50 Resp: 456
 Ion Ratio Lower Upper
 50 100
 52 27.1 23.7 43.9

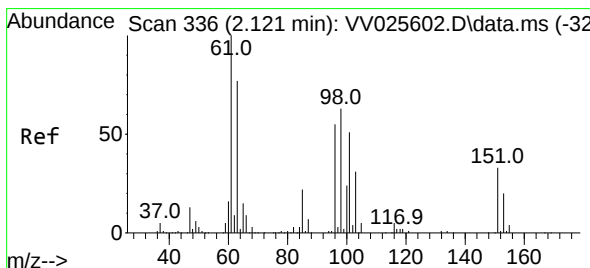
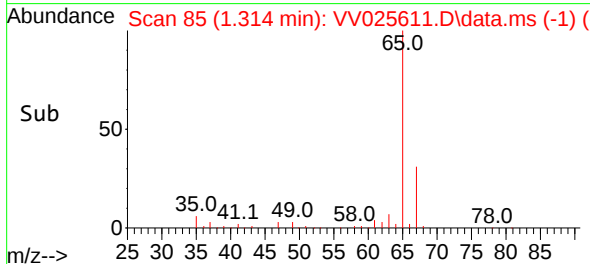
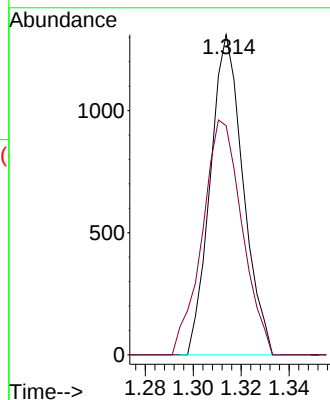
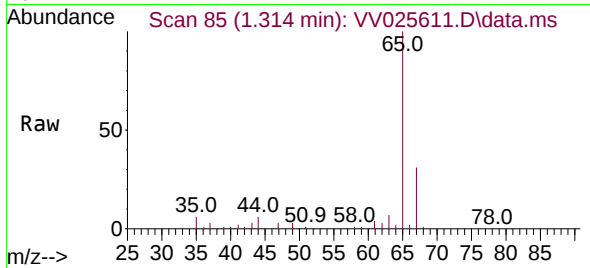




#5
 Vinyl chloride
 Concen: 0.092 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025611.D
 Acq: 18 Apr 2022 16:36

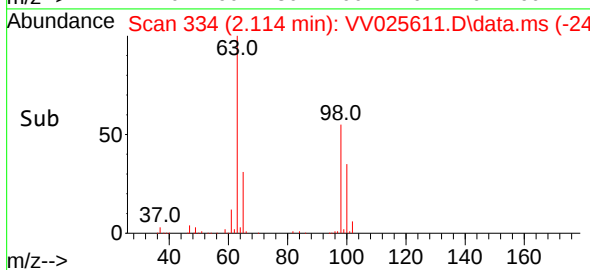
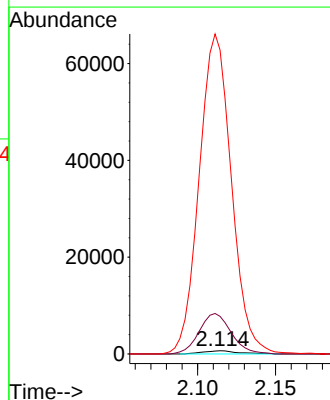
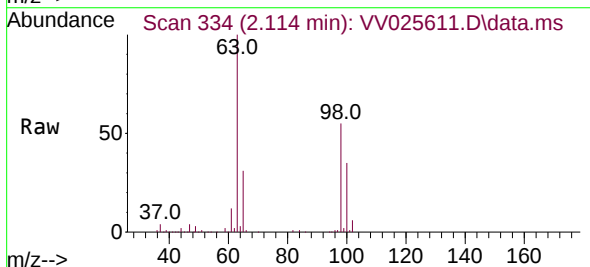
Instrument :
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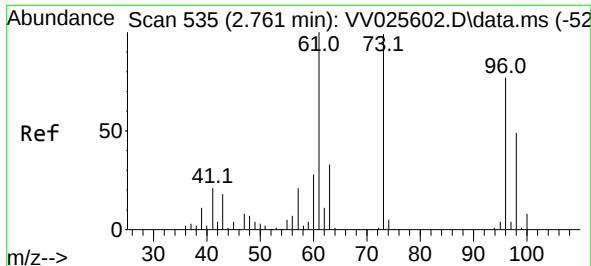
Tgt Ion: 62 Resp: 1247
 Ion Ratio Lower Upper
 62 100
 64 71.5 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 0.098 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.006 min
 Lab File: VV025611.D
 Acq: 18 Apr 2022 16:36

Tgt Ion: 96 Resp: 1039
 Ion Ratio Lower Upper
 96 100
 61 1162.9 125.2 232.4#
 63 9406.0 114.4 212.4#

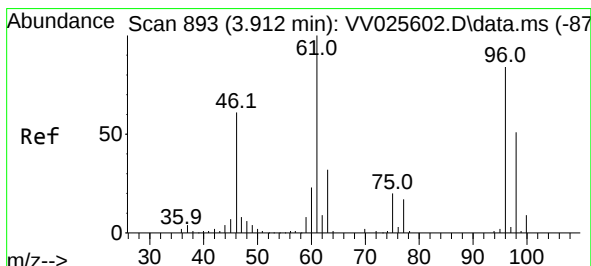
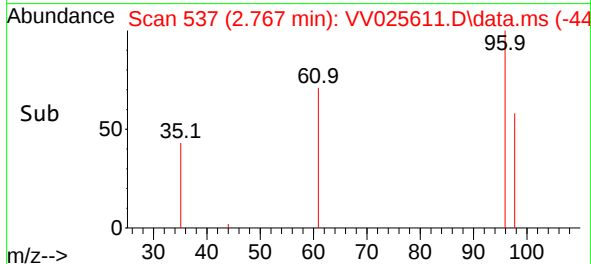
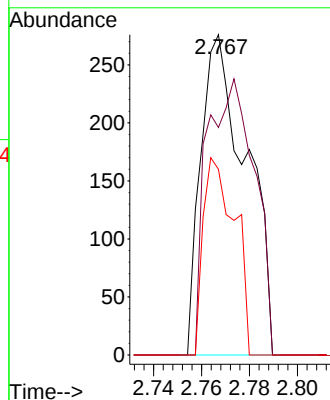
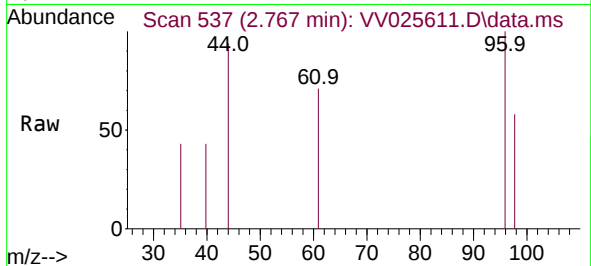




#18
trans-1,2-Dichloroethene
Concen: 0.041 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025611.D
Acq: 18 Apr 2022 16:36

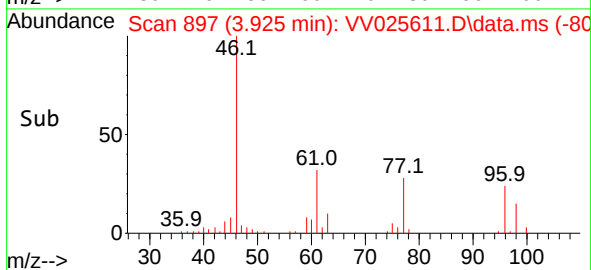
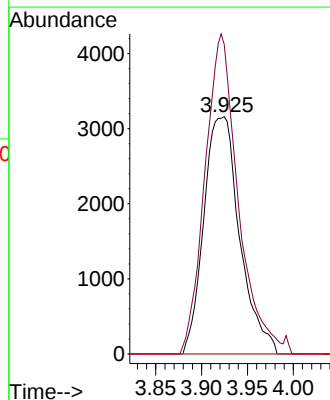
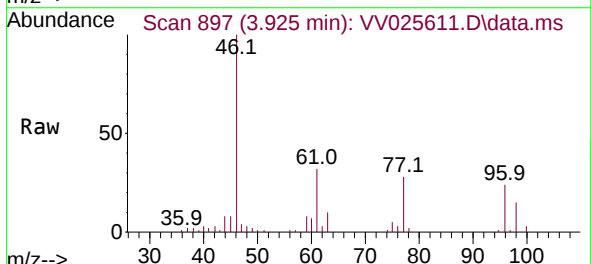
Instrument :
MSVOA_V
ClientSampleId :
EW6P8RE

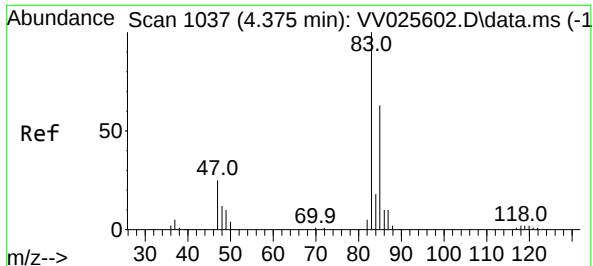
Tgt Ion: 96 Resp: 363
Ion Ratio Lower Upper
96 100
61 71.0 92.1 171.1#
98 58.0 47.5 88.1



#22
cis-1,2-Dichloroethene
Concen: 0.916 ug/L
RT: 3.925 min Scan# 897
Delta R.T. 0.013 min
Lab File: VV025611.D
Acq: 18 Apr 2022 16:36

Tgt Ion: 96 Resp: 8600
Ion Ratio Lower Upper
96 100
61 130.4 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.288 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025611.D

Acq: 18 Apr 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

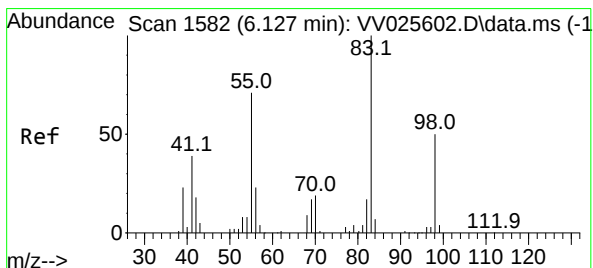
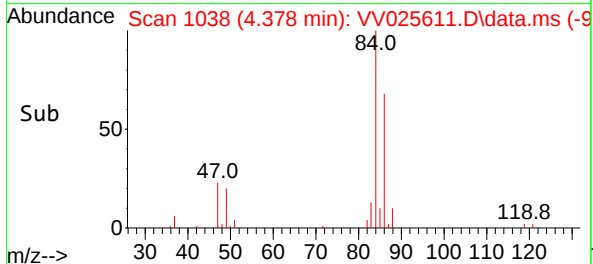
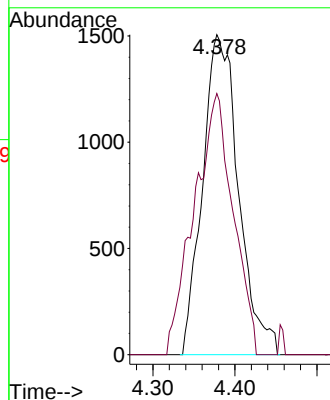
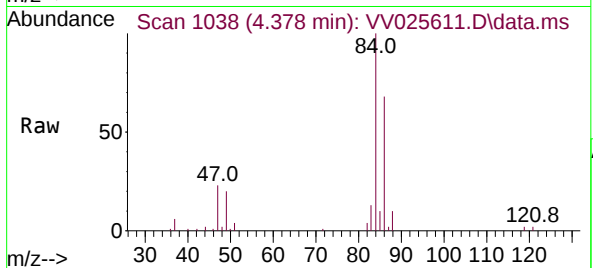
EW6P8RE

Tgt Ion: 83 Resp: 4597

Ion Ratio Lower Upper

83 100

85 81.6 43.5 80.7#



#35

Methylcyclohexane

Concen: 0.837 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025611.D

Acq: 18 Apr 2022 16:36

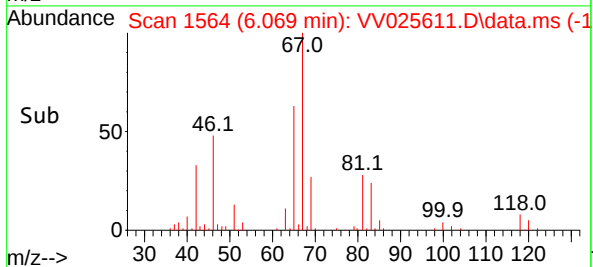
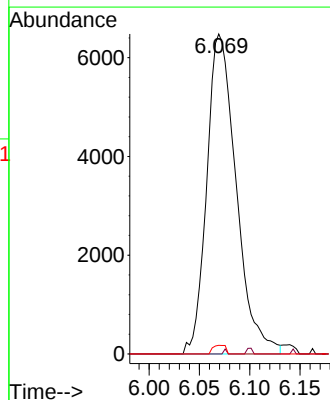
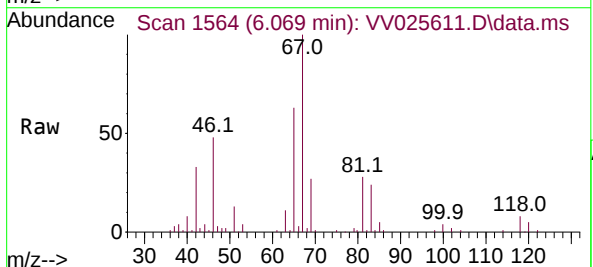
Tgt Ion: 83 Resp: 13188

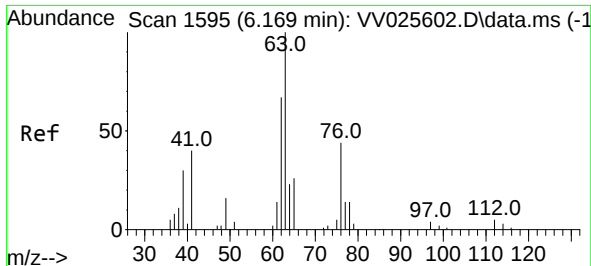
Ion Ratio Lower Upper

83 100

55 0.2 53.7 80.5#

98 1.2 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.707 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025611.D

Acq: 18 Apr 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

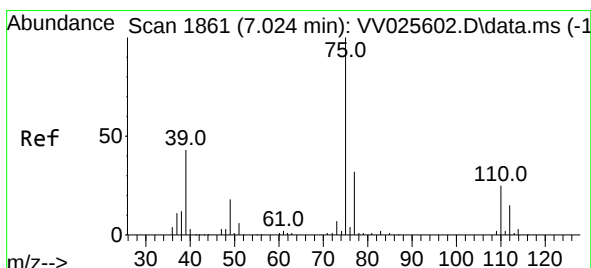
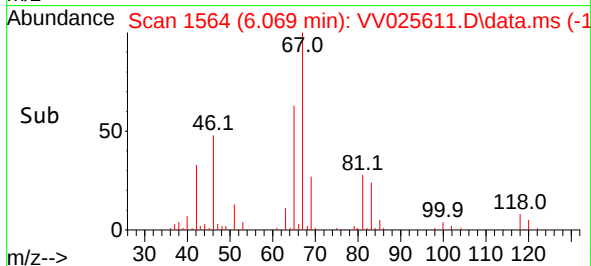
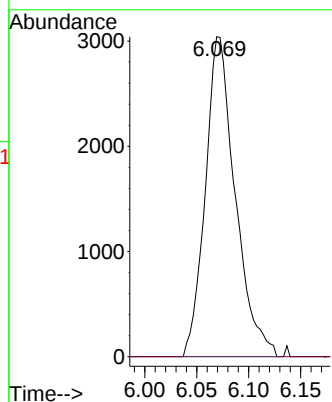
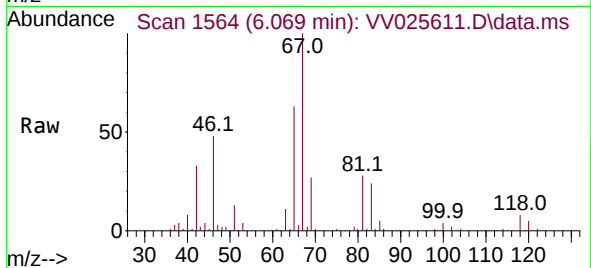
EW6P8RE

Tgt Ion: 63 Resp: 6079

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV025611.D

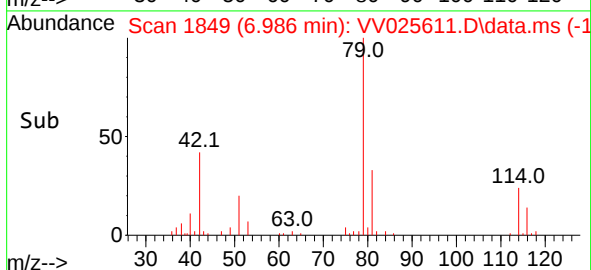
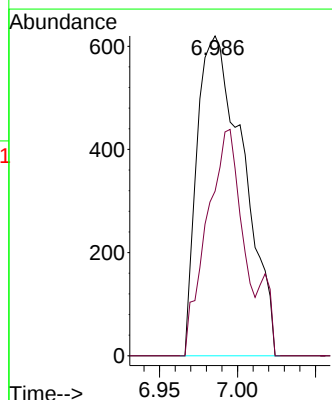
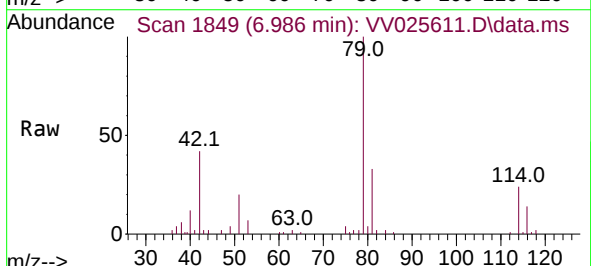
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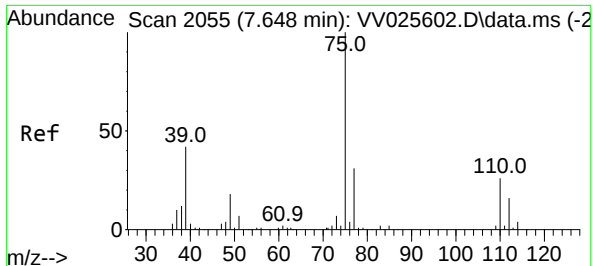
Tgt Ion: 75 Resp: 1278

Ion Ratio Lower Upper

75 100

77 51.5 21.8 40.6#

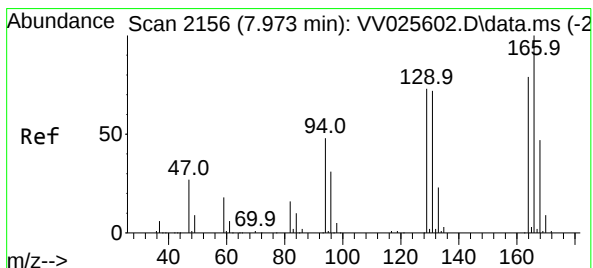
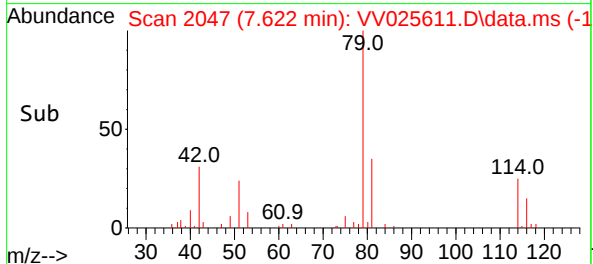
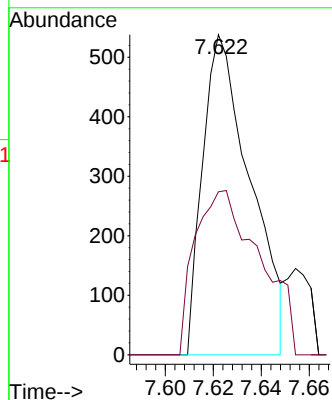
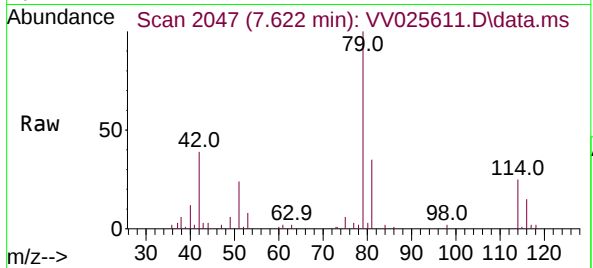




#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.622 min Scan# 2055
Delta R.T. -0.026 min
Lab File: VV025611.D
Acq: 18 Apr 2022 16:36

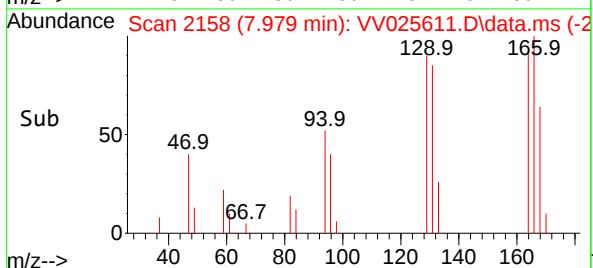
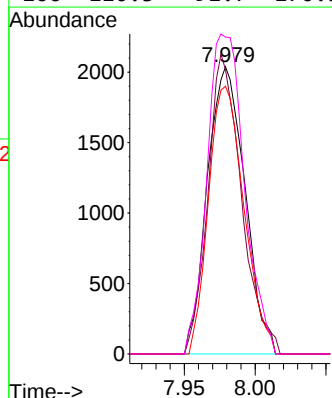
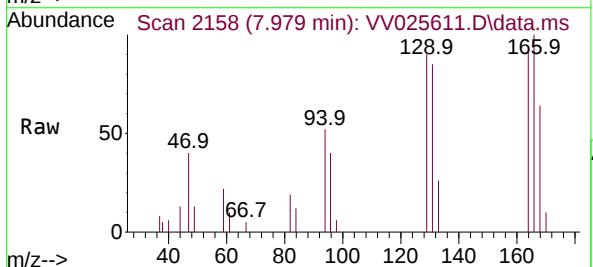
Instrument :
MSVOA_V
ClientSampleId :
EW6P8RE

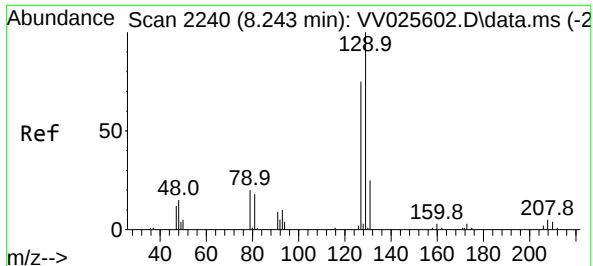
Tgt Ion: 75 Resp: 741
Ion Ratio Lower Upper
75 100
77 50.9 21.7 40.3#



#47
Tetrachloroethene
Concen: 0.486 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV025611.D
Acq: 18 Apr 2022 16:36

Tgt Ion: 164 Resp: 3756
Ion Ratio Lower Upper
164 100
129 99.0 66.8 124.2
131 93.2 66.4 123.4
166 110.3 91.7 170.3





#49

Dibromochloromethane

Concen: 0.553 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025611.D

Acq: 18 Apr 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

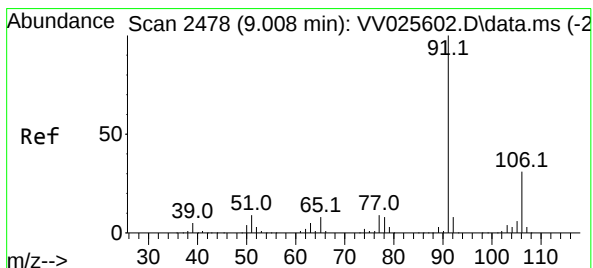
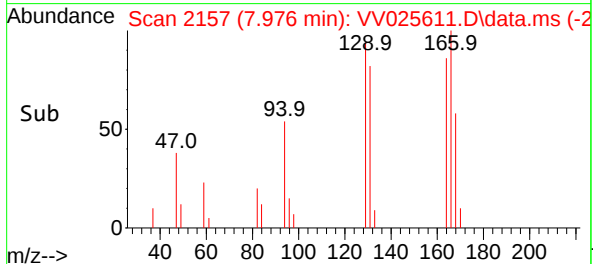
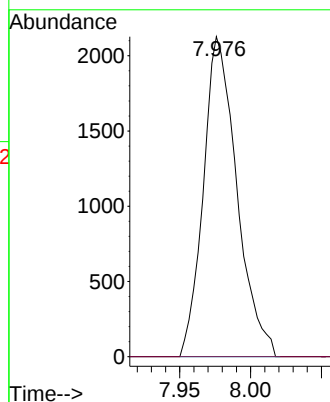
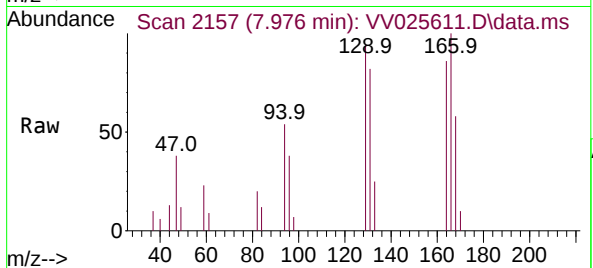
EW6P8RE

Tgt Ion:129 Resp: 3495

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 0.044 ug/L

RT: 9.027 min Scan# 2484

Delta R.T. 0.019 min

Lab File: VV025611.D

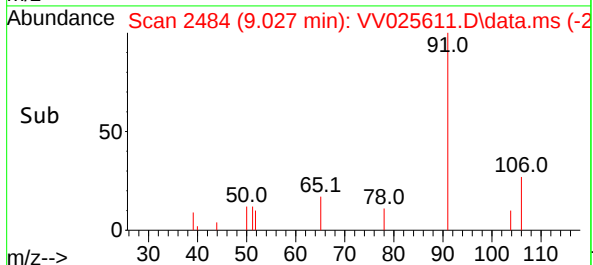
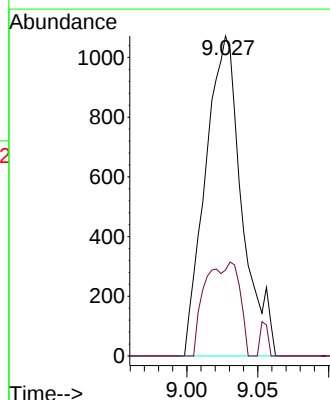
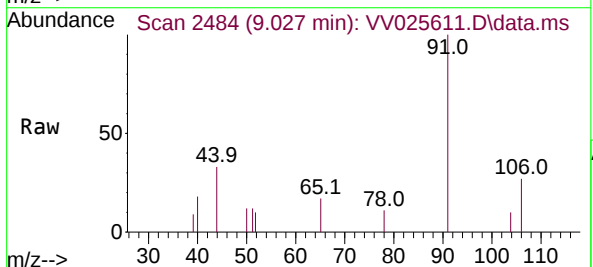
Acq: 18 Apr 2022 16:36

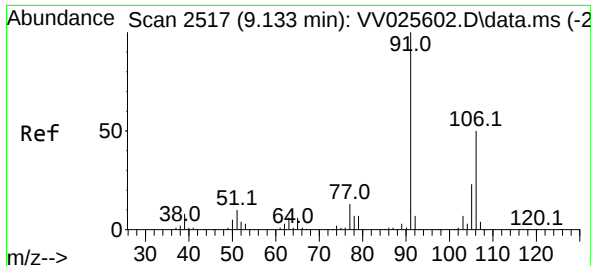
Tgt Ion: 91 Resp: 1913

Ion Ratio Lower Upper

91 100

106 26.9 22.3 41.3

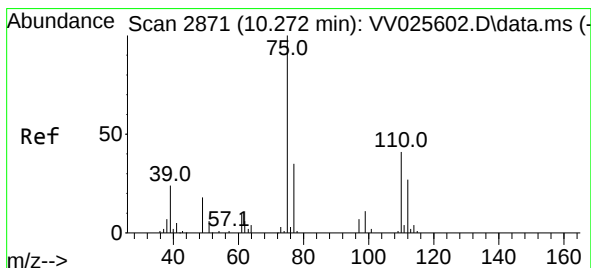
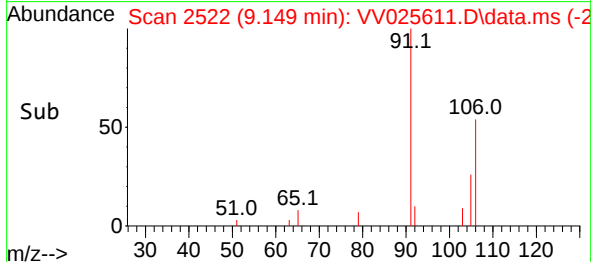
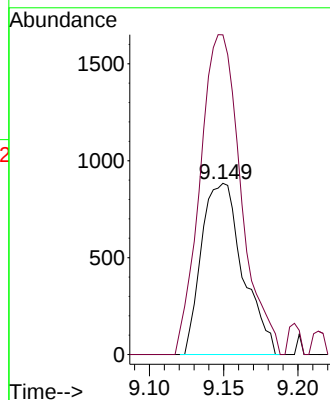
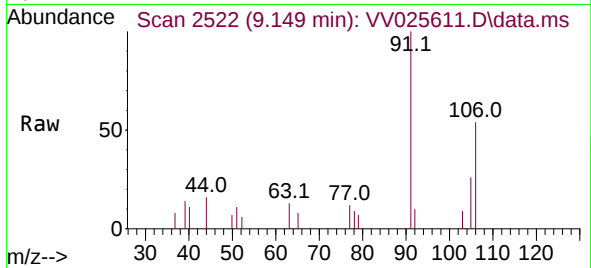




#53
m,p-Xylene
Concen: 0.104 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV025611.D
Acq: 18 Apr 2022 16:36

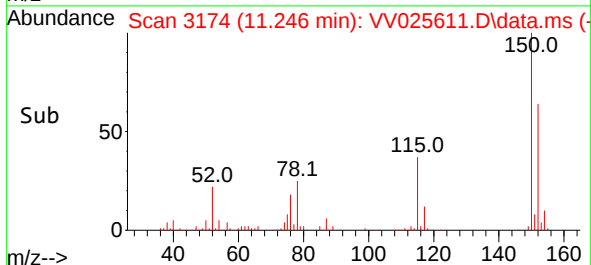
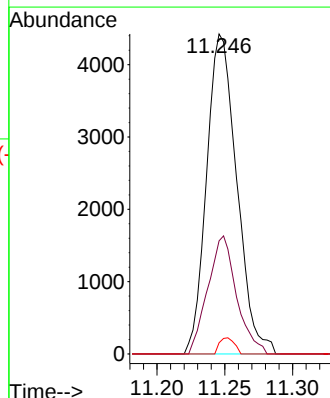
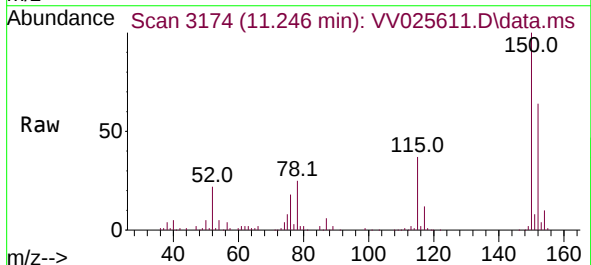
Instrument :
MSVOA_V
ClientSampleId :
EW6P8RE

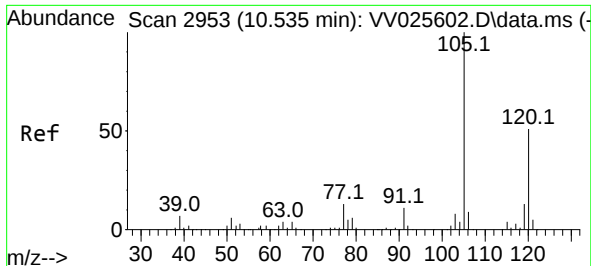
Tgt Ion:106 Resp: 1711
Ion Ratio Lower Upper
106 100
91 186.7 136.4 253.4



#61
1,2,3-Trichloropropane
Concen: 1.873 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025611.D
Acq: 18 Apr 2022 16:36

Tgt Ion: 75 Resp: 6841
Ion Ratio Lower Upper
75 100
77 35.1 25.6 38.4
110 2.5 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.128 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.383 min

Lab File: VV025611.D

Acq: 18 Apr 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

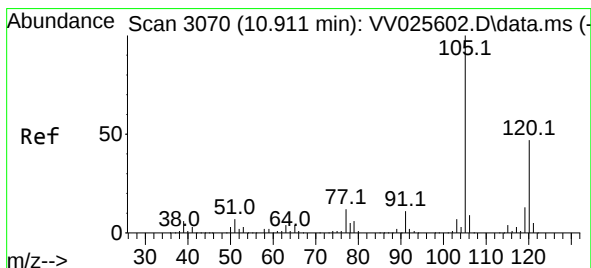
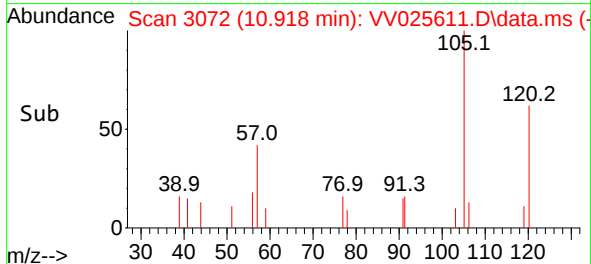
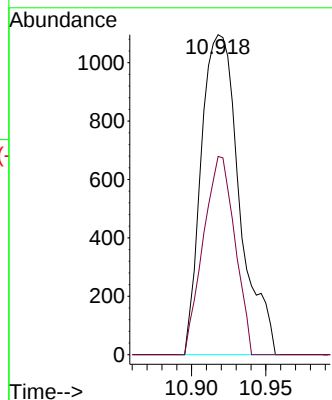
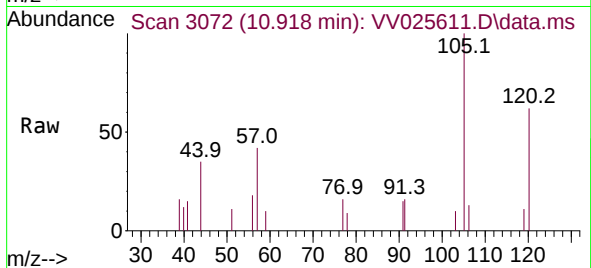
EW6P8RE

Tgt Ion:105 Resp: 1966

Ion Ratio Lower Upper

105 100

120 50.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.071 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV025611.D

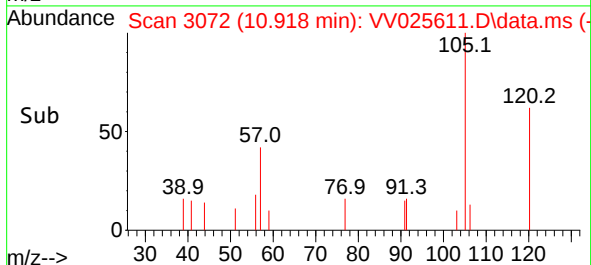
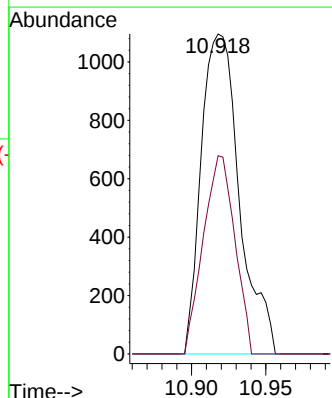
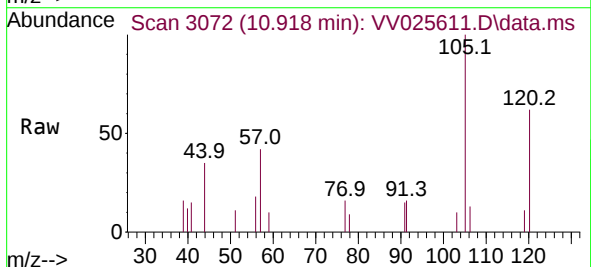
Acq: 18 Apr 2022 16:36

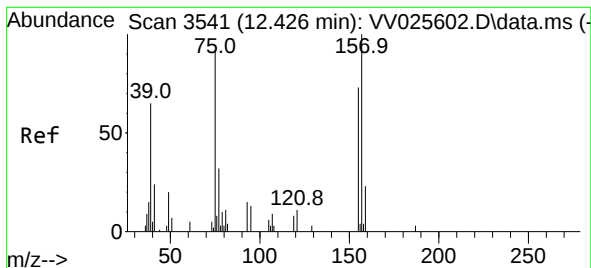
Tgt Ion:105 Resp: 1966

Ion Ratio Lower Upper

105 100

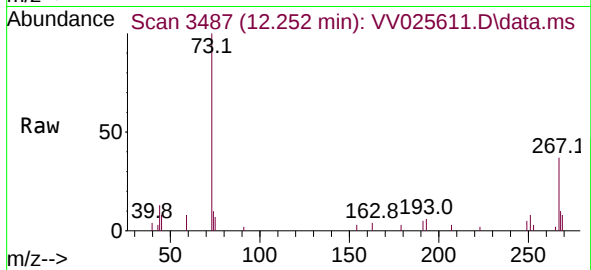
120 50.9 36.6 55.0





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.530 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV025611.D
 Acq: 18 Apr 2022 16:36

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6P8RE



Tgt Ion:	75	Resp:	335
Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.8	98.8#
157	0.0	86.6	130.0#

