

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011322\
 Data File : VW021881.D
 Acq On : 13 Jan 2022 11:02
 Operator : SY/VA
 Sample : N1115-01
 Misc : 5.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLR3

Quant Time: Jan 14 00:54:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 23:48:31 2022
 Response via : Initial Calibration

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

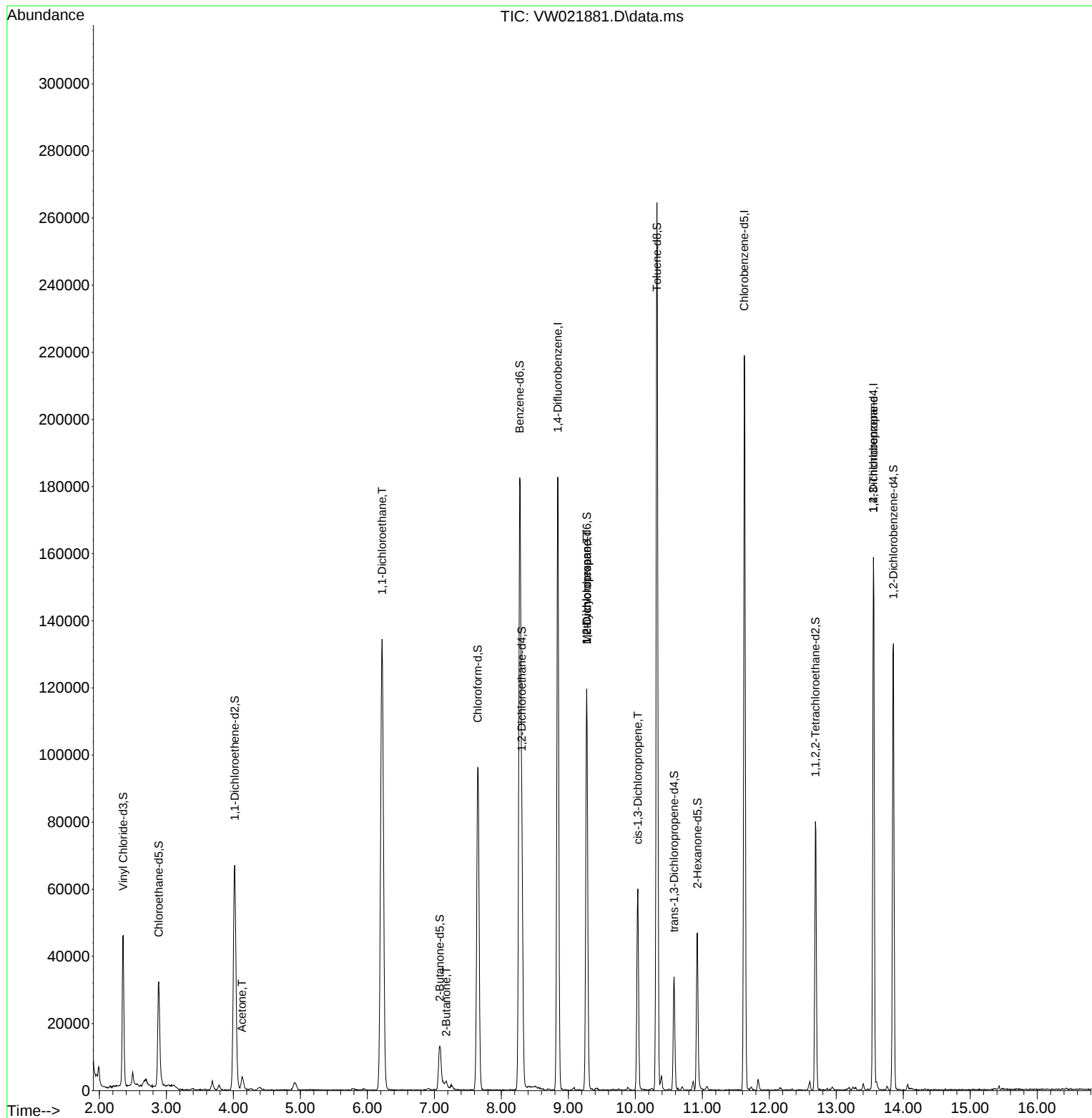
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	162843	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	130500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	45001	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	43524	14.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.520%
7) Chloroethane-d5	2.885	69	33934	12.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.680%
11) 1,1-Dichloroethene-d2	4.019	63	61306	12.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.320%
21) 2-Butanone-d5	7.080	46	22441	52.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.060%
24) Chloroform-d	7.647	84	101803	19.351	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	8.305	65	50686	19.951	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.800%
32) Benzene-d6	8.275	84	195685	23.109	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.440%
36) 1,2-Dichloropropane-d6	9.275	67	53679	24.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.200%
41) Toluene-d8	10.323	98	178173	20.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.480%
43) trans-1,3-Dichloroprop...	10.579	79	18166	19.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.680%
47) 2-Hexanone-d5	10.927	63	17210	56.827	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.660%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	36128	20.701	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	37490	20.261	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.040%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	6708	19.006	ug/L	86
19) 1,1-Dichloroethane	6.220	63	189176	49.113	ug/L	97
22) 2-Butanone	7.177	43	3647	8.084	ug/L	82
35) Methylcyclohexane	9.275	83	14699	3.850	ug/L	# 15
37) 1,2-Dichloropropane	9.275	63	6339	3.636	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1710	0.631	ug/L	# 63
61) 1,2,3-Trichloropropane	13.554	75	4552	7.078	ug/L	# 69

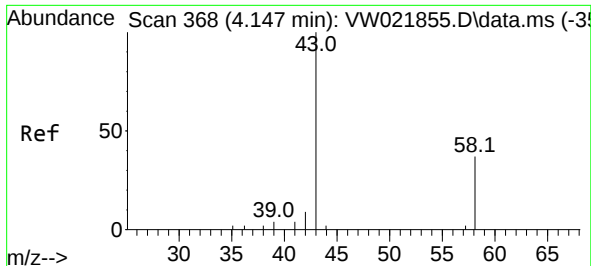
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jan 12 23:48:31 2022
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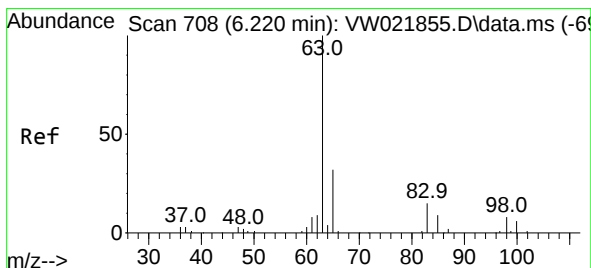
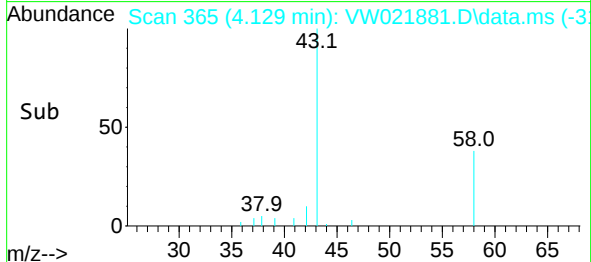
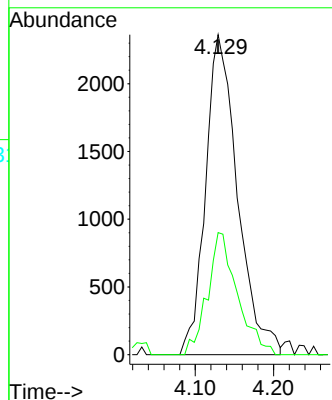
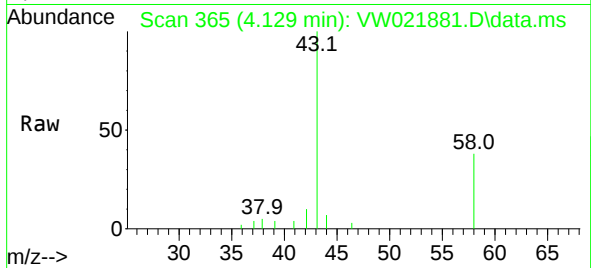




#13
Acetone
Concen: 19.006 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.018 min
Lab File: VW021881.D
Acq: 13 Jan 2022 11:02

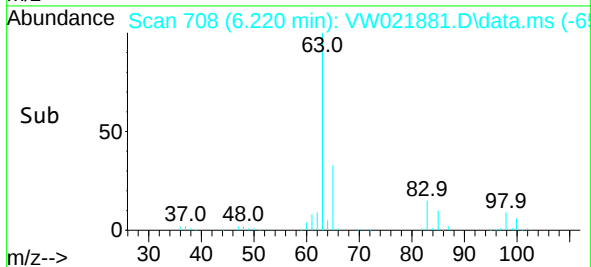
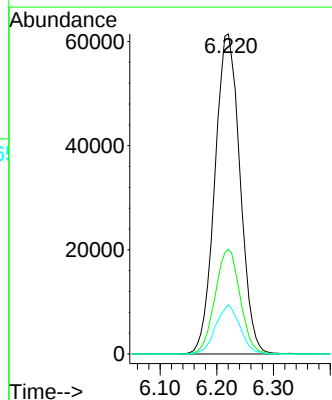
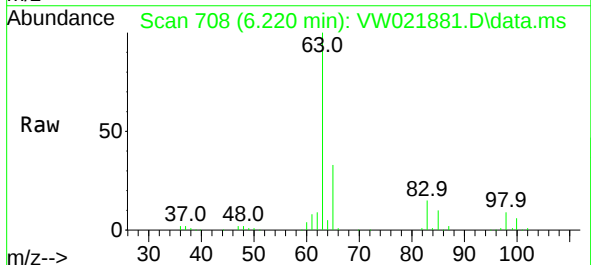
Instrument :
MSVOA_W
ClientSampleId :
BGLR3

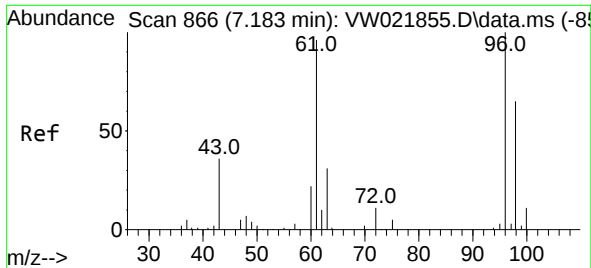
Tgt Ion: 43 Resp: 6708
Ion Ratio Lower Upper
43 100
58 33.5 0.0 52.8



#19
1,1-Dichloroethane
Concen: 49.113 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW021881.D
Acq: 13 Jan 2022 11:02

Tgt Ion: 63 Resp: 189176
Ion Ratio Lower Upper
63 100
65 32.7 22.1 41.1
83 15.4 9.2 17.2

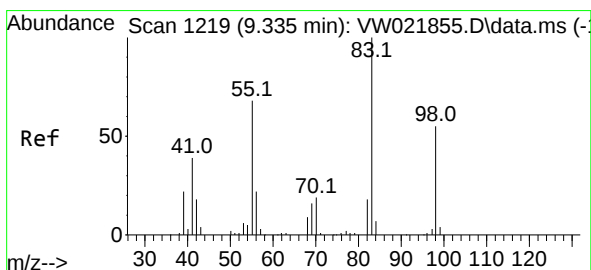
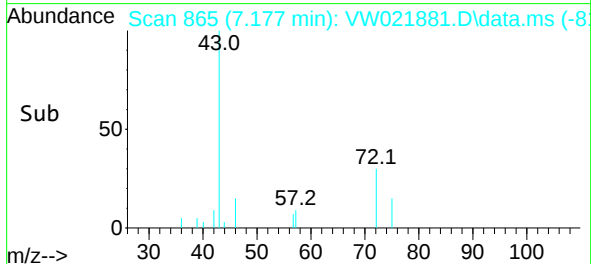
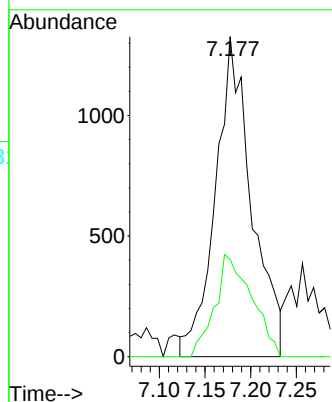
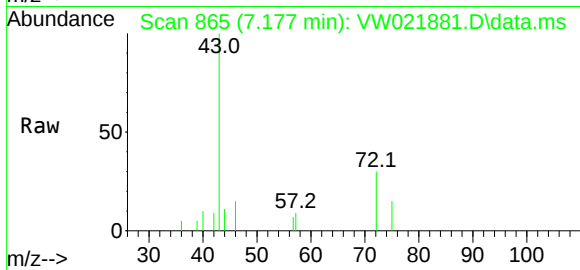




#22
2-Butanone
Concen: 8.084 ug/L
RT: 7.177 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW021881.D
Acq: 13 Jan 2022 11:02

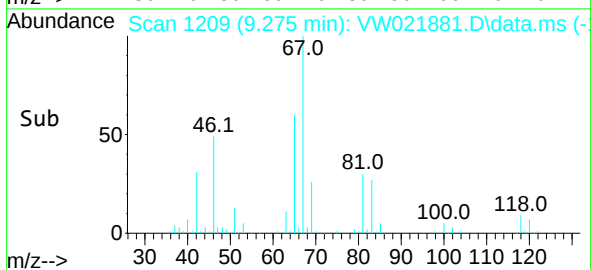
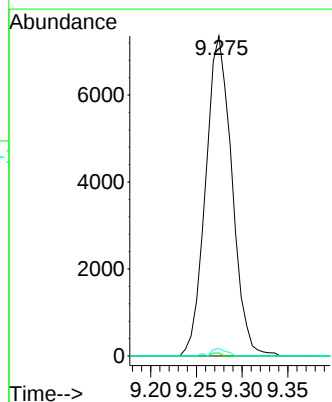
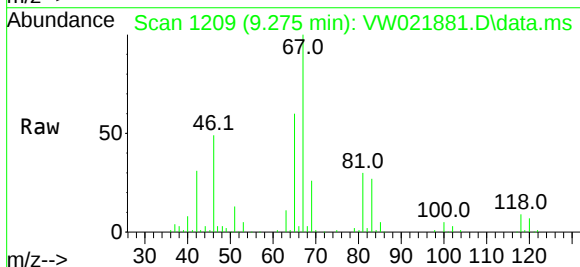
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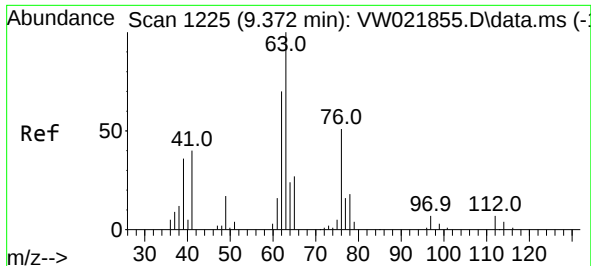
Tgt Ion: 43 Resp: 3647
Ion Ratio Lower Upper
43 100
72 32.6 11.8 35.4



#35
Methylcyclohexane
Concen: 3.850 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021881.D
Acq: 13 Jan 2022 11:02

Tgt Ion: 83 Resp: 14699
Ion Ratio Lower Upper
83 100
55 0.3 70.8 106.2#
98 1.3 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.636 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021881.D

Acq: 13 Jan 2022 11:02

Instrument :

MSVOA_W

ClientSampleId :

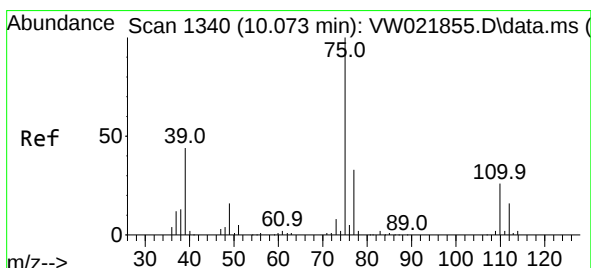
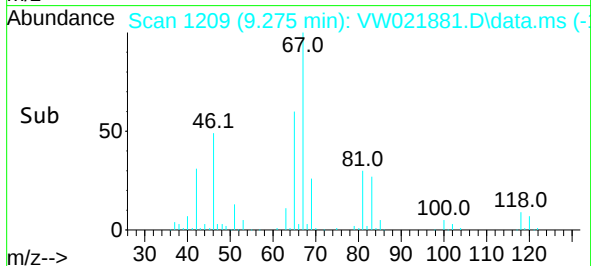
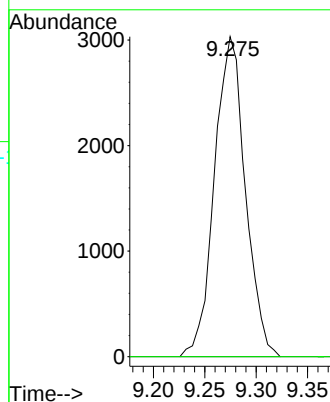
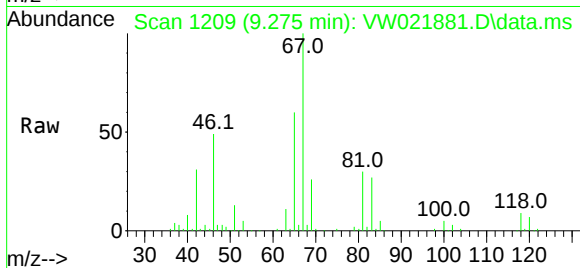
BGLR3

Tgt Ion: 63 Resp: 6339

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.631 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW021881.D

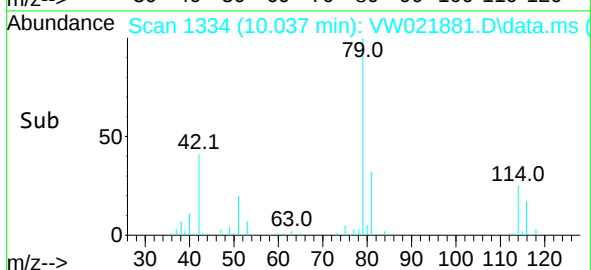
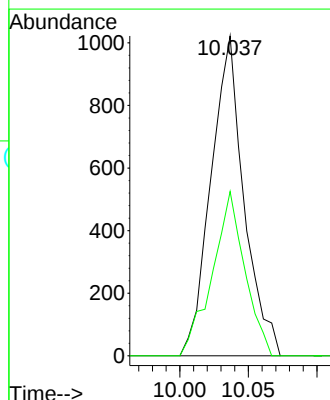
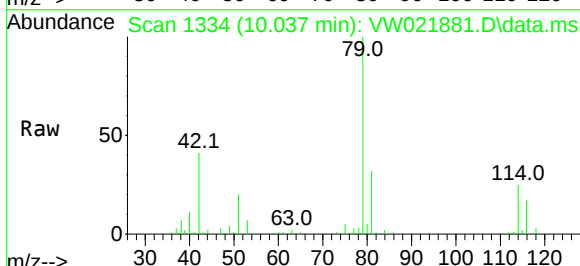
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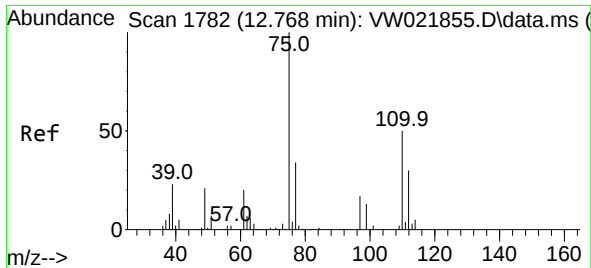
Tgt Ion: 75 Resp: 1710

Ion Ratio Lower Upper

75 100

77 51.4 21.8 40.6#





#61
 1,2,3-Trichloropropane
 Concen: 7.078 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW021881.D
 Acq: 13 Jan 2022 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLR3

Tgt Ion: 75	Resp:	4552
Ion	Ratio	Lower Upper
75	100	
77	35.4	25.8 38.8
110	4.4	29.0 43.4#

