

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011022\
 Data File : VW021818.D
 Acq On : 10 Jan 2022 14:49
 Operator : SY/VA
 Sample : N1053-27RE
 Misc : 6.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLL4RE

Quant Time: Jan 11 00:20:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 07 22:46:04 2022
 Response via : Initial Calibration

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

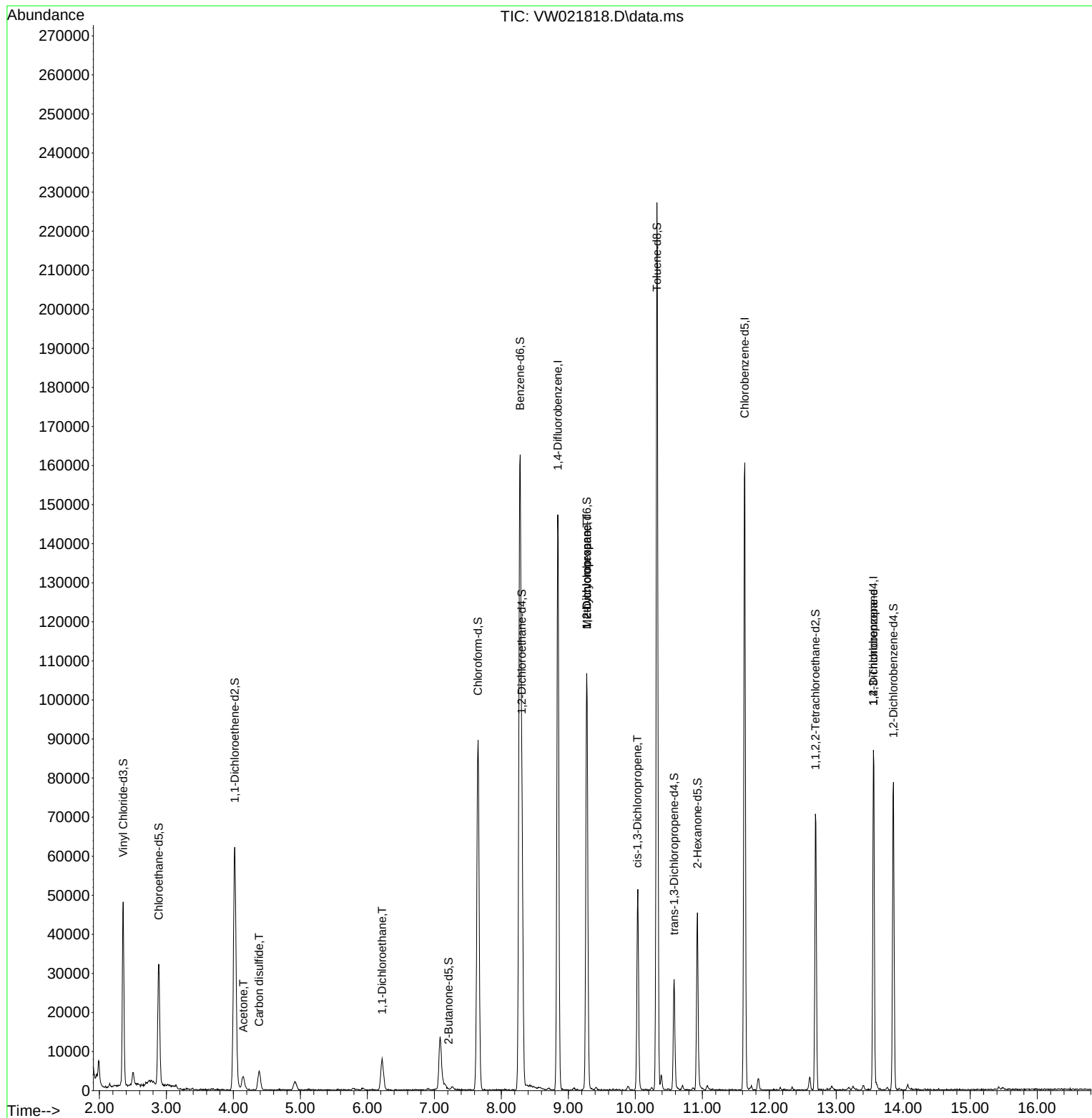
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	133198	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	97409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	24691	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	44593	16.980	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.920%
7) Chloroethane-d5	2.885	69	34024	19.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.960%
11) 1,1-Dichloroethene-d2	4.019	63	56348	14.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.640%
21) 2-Butanone-d5	7.214	46	133	0.346	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.700%#
24) Chloroform-d	7.653	84	91339	21.952	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	8.305	65	48661	22.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	8.281	84	176718	30.553	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.200%
36) 1,2-Dichloropropane-d6	9.274	67	48685	31.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.120%#
41) Toluene-d8	10.323	98	151164	26.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.920%
43) trans-1,3-Dichloroprop...	10.579	79	15320	20.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.280%
47) 2-Hexanone-d5	10.927	63	14967	62.897	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32206	24.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	22221	23.534	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.120%
Target Compounds						
					Qvalue	
13) Acetone	4.147	43	6251	19.161	ug/L	81
14) Carbon disulfide	4.385	76	10630	1.863	ug/L	96
19) 1,1-Dichloroethane	6.220	63	10364	3.189	ug/L	96
35) Methylcyclohexane	9.274	83	13229	4.752	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	5806	4.408	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	1580	0.734	ug/L	# 67
61) 1,2,3-Trichloropropane	13.554	75	2440	6.458	ug/L	# 63

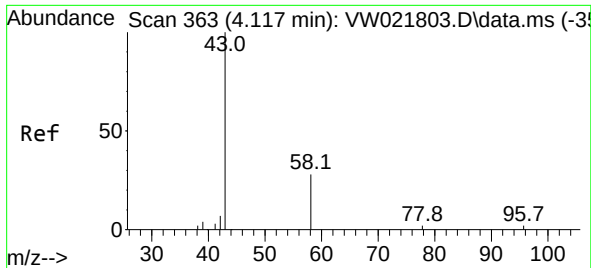
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jan 07 22:46:04 2022
Response via : Initial Calibration





#13

Acetone

Concen: 19.161 ug/L

RT: 4.147 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW021818.D

Acq: 10 Jan 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

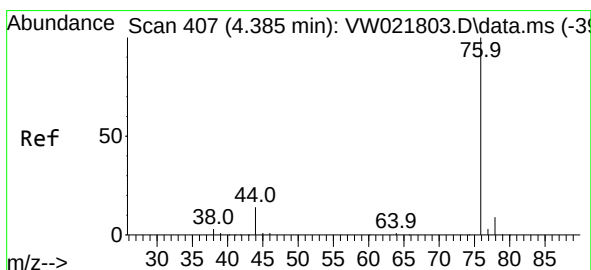
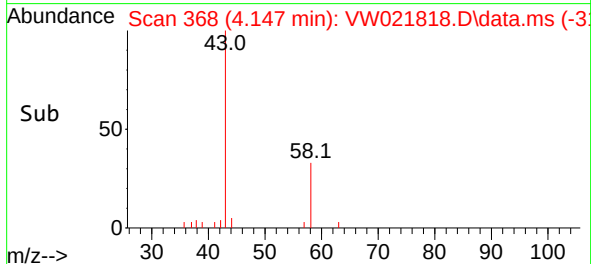
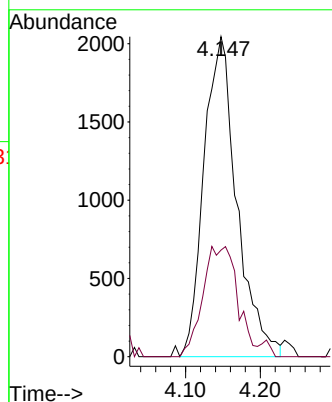
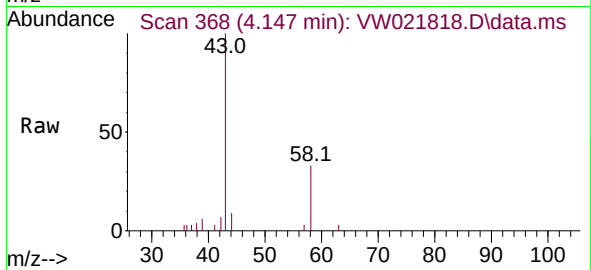
BGLL4RE

Tgt Ion: 43 Resp: 6251

Ion Ratio Lower Upper

43 100

58 16.6 0.0 52.8



#14

Carbon disulfide

Concen: 1.863 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW021818.D

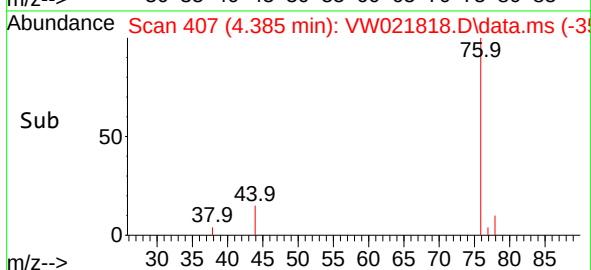
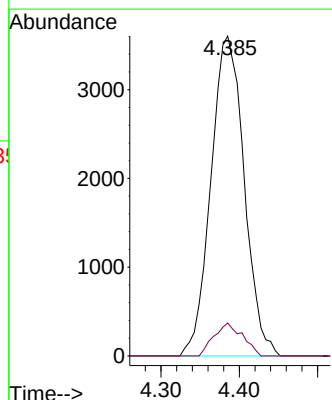
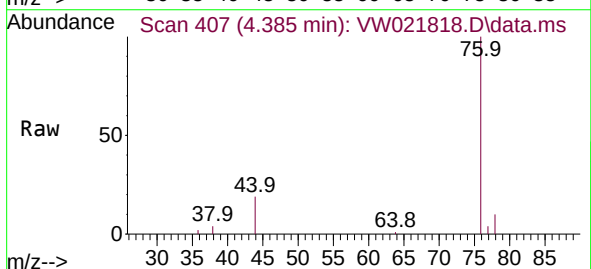
Acq: 10 Jan 2022 14:49

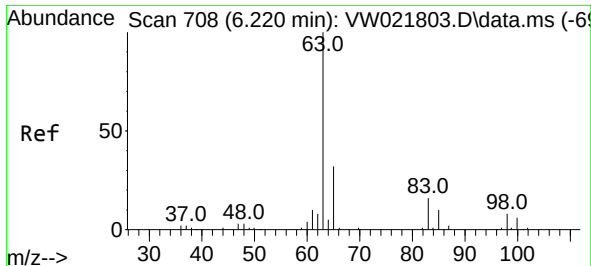
Tgt Ion: 76 Resp: 10630

Ion Ratio Lower Upper

76 100

78 10.3 7.1 10.7





#19

1,1-Dichloroethane

Concen: 3.189 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021818.D

Acq: 10 Jan 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

BGLL4RE

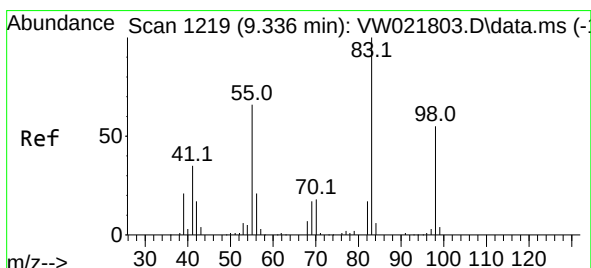
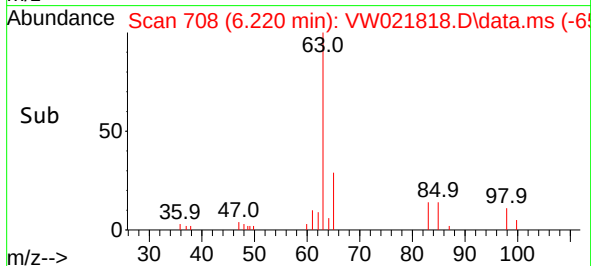
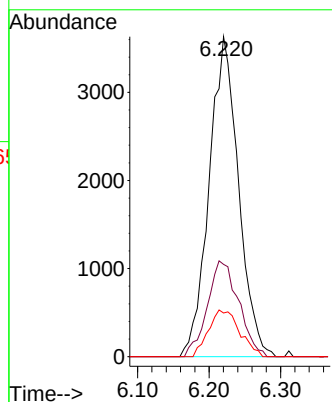
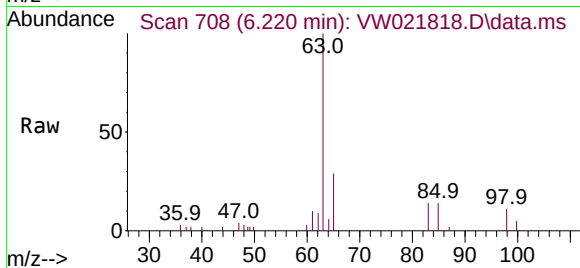
Tgt Ion: 63 Resp: 10364

Ion Ratio Lower Upper

63 100

65 28.9 22.1 41.1

83 13.6 9.2 17.2



#35

Methylcyclohexane

Concen: 4.752 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021818.D

Acq: 10 Jan 2022 14:49

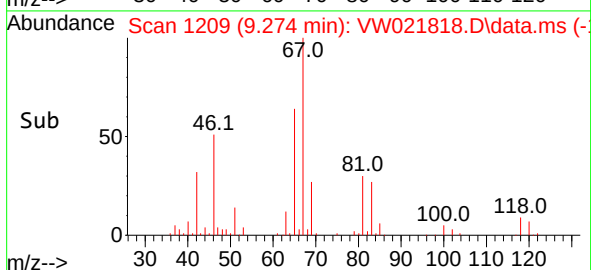
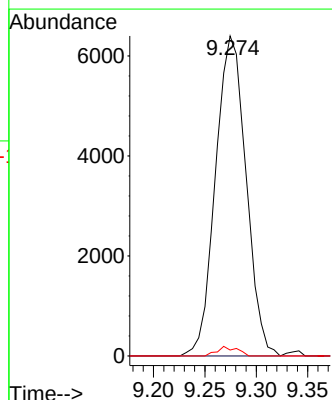
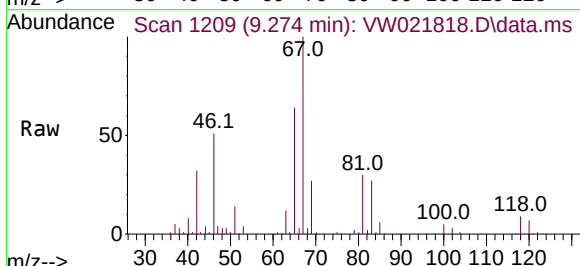
Tgt Ion: 83 Resp: 13229

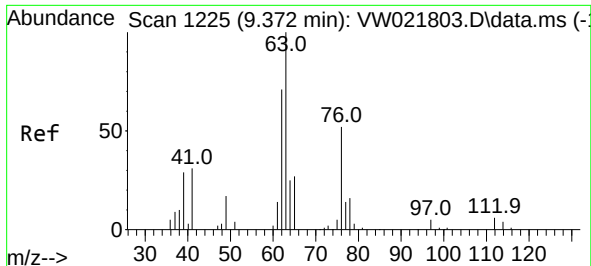
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.9 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 4.408 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021818.D

Acq: 10 Jan 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

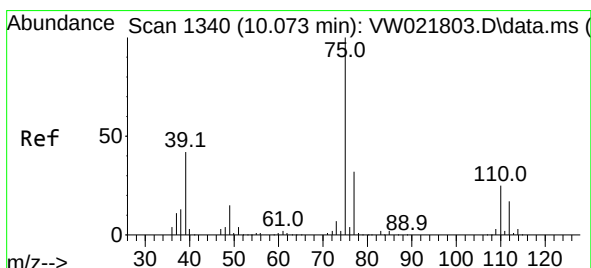
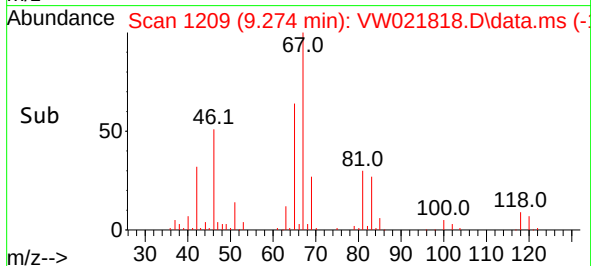
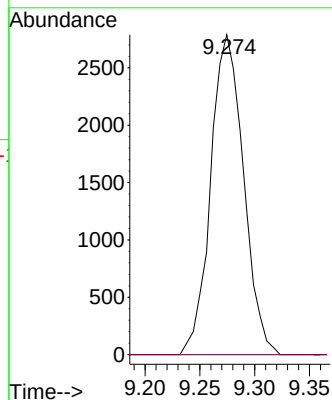
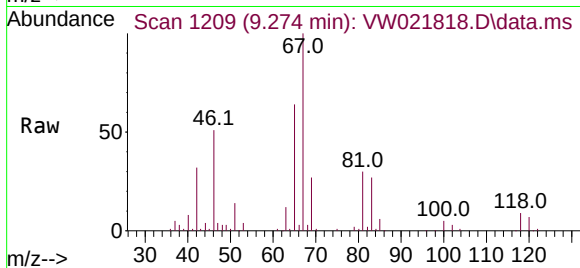
BGLL4RE

Tgt Ion: 63 Resp: 5806

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.734 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021818.D

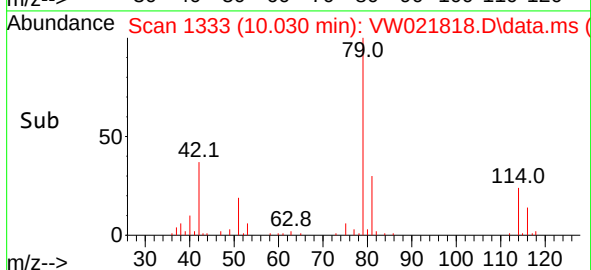
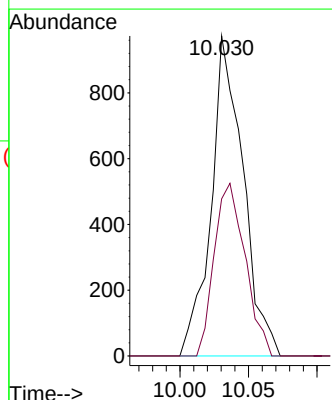
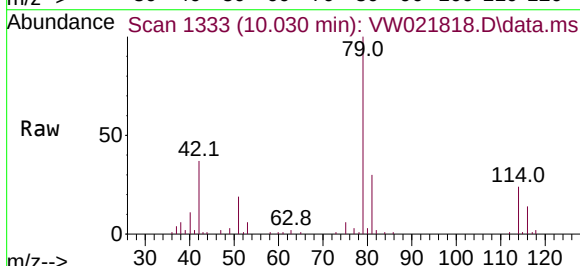
Acq: 10 Jan 2022 14:49

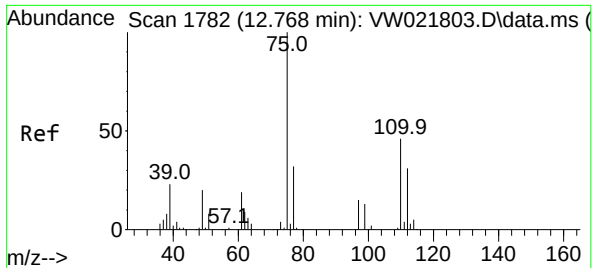
Tgt Ion: 75 Resp: 1580

Ion Ratio Lower Upper

75 100

77 49.1 21.8 40.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.458 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021818.D
 Acq: 10 Jan 2022 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLL4RE

Tgt Ion: 75	Resp:	2440
Ion Ratio	Lower	Upper
75	100	
77	37.7	25.8 38.8
110	0.0	29.0 43.4#

