

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020580.D
 Acq On : 18 Oct 2021 23:00
 Operator : SY/VA
 Sample : M4211-16
 Misc : 5.09g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 19 07:53:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 07:51:45 2021
 Response via : Initial Calibration

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

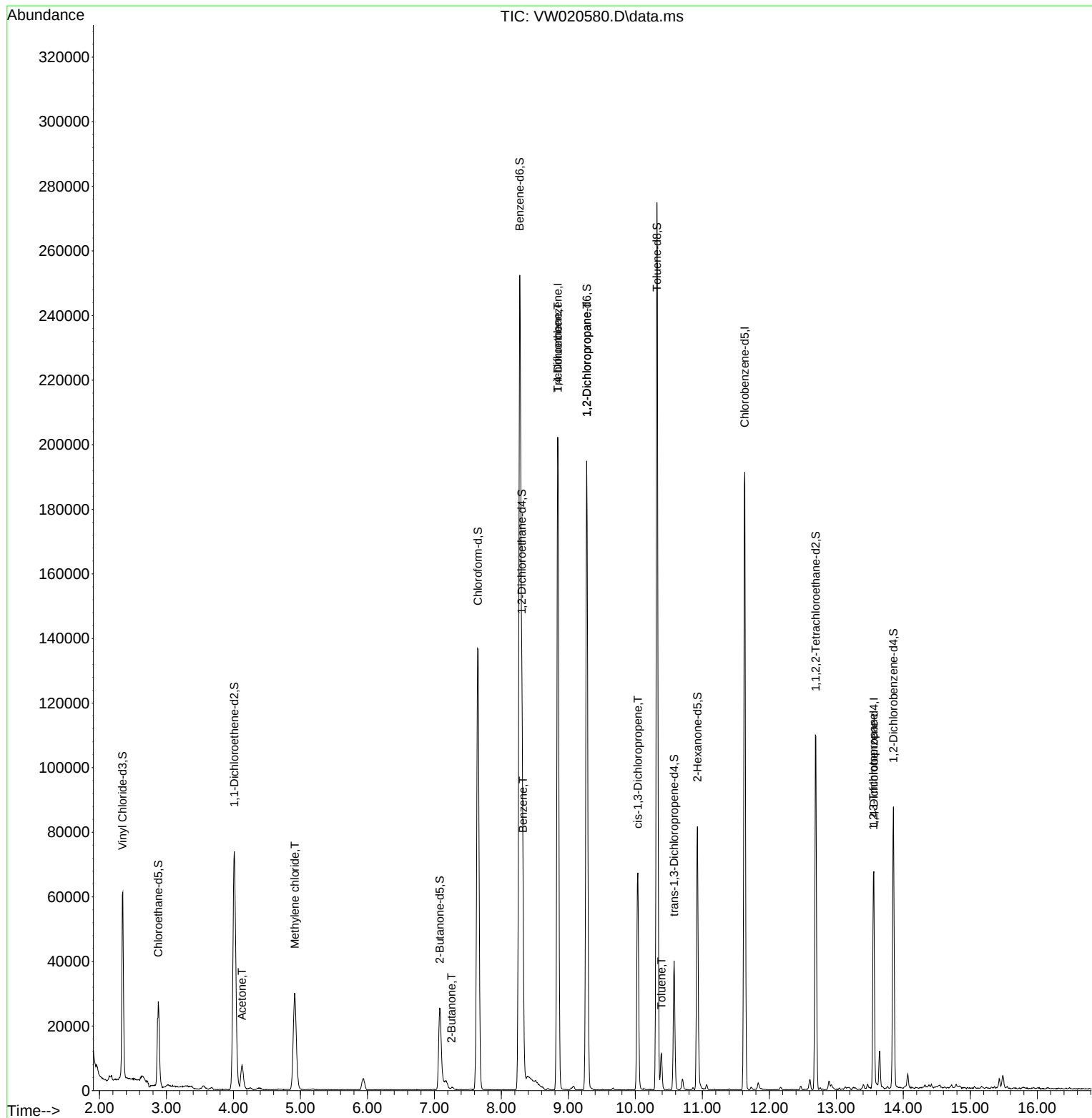
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	151504	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	97713	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	16848	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	55746	25.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.160%
7) Chloroethane-d5	2.879	69	29349	25.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	4.013	63	78546	17.388	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.560%
21) 2-Butanone-d5	7.080	46	44071	65.688	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.380%
24) Chloroform-d	7.653	84	137631	28.499	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.000%
26) 1,2-Dichloroethane-d4	8.305	65	78887	28.601	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.400%
32) Benzene-d6	8.275	84	237784	36.995	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.000%#
36) 1,2-Dichloropropane-d6	9.274	67	86499	41.293	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	165.160%#
41) Toluene-d8	10.323	98	166991	28.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.840%
43) trans-1,3-Dichloroprop...	10.579	79	20793	24.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.720%
47) 2-Hexanone-d5	10.927	63	24820	77.021	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.040%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	53788	33.970	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.880%#
66) 1,2-Dichlorobenzene-d4	13.853	152	20362	30.895	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.600%#
Target Compounds					Qvalue	
13) Acetone	4.129	43	14202	23.056	ug/L	97
16) Methylene chloride	4.915	84	21456	7.285	ug/L	97
22) 2-Butanone	7.256	43	1579	2.048	ug/L	81
33) Benzene	8.323	78	12647	1.817	ug/L	100
34) Trichloroethene	8.842	95	4931	2.876	ug/L #	8
37) 1,2-Dichloropropane	9.274	63	10273	5.700	ug/L #	87
39) cis-1,3-Dichloropropene	10.036	75	1780	0.716	ug/L #	78
42) Toluene	10.390	91	7829	1.121	ug/L	96
61) 1,2,3-Trichloropropane	13.554	75	2357	6.350	ug/L #	62

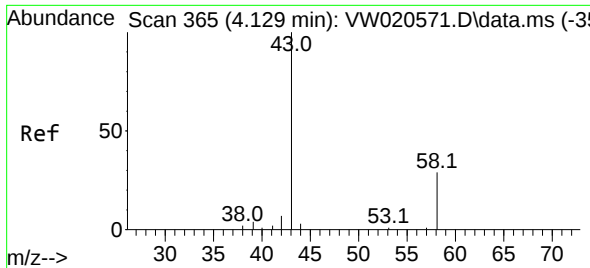
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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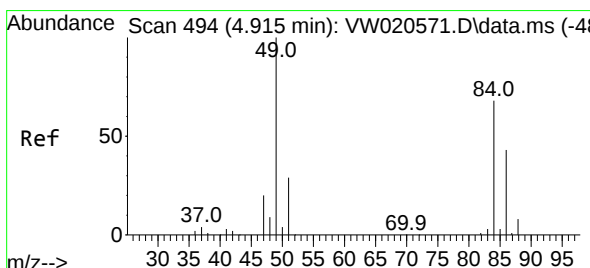
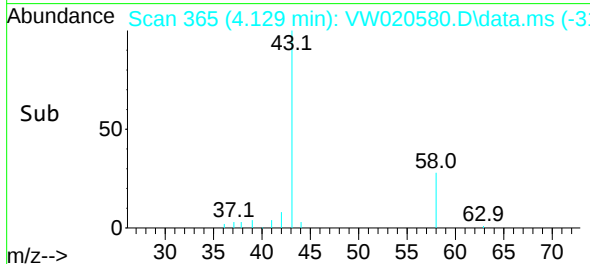
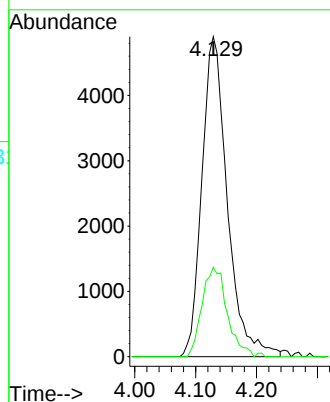
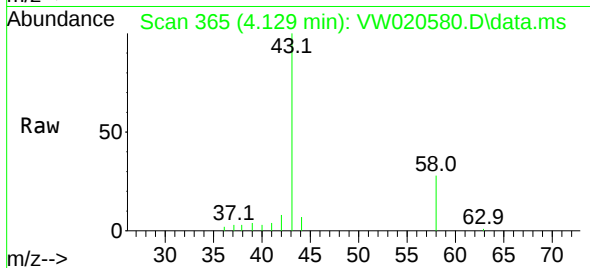




#13
Acetone
Concen: 23.056 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW020580.D
Acq: 18 Oct 2021 23:00

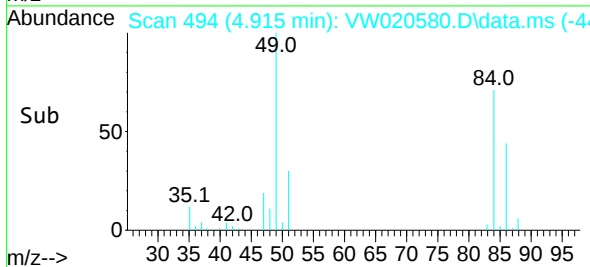
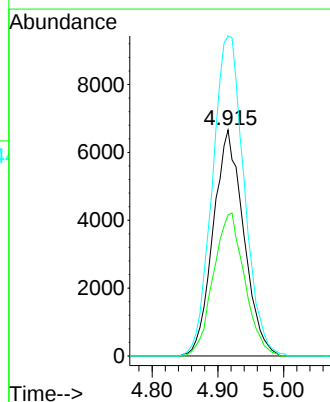
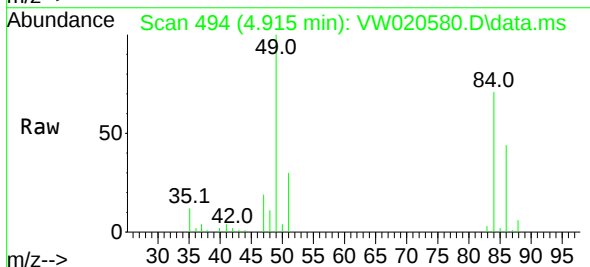
Instrument :
MSVOA_W
ClientSampleId :

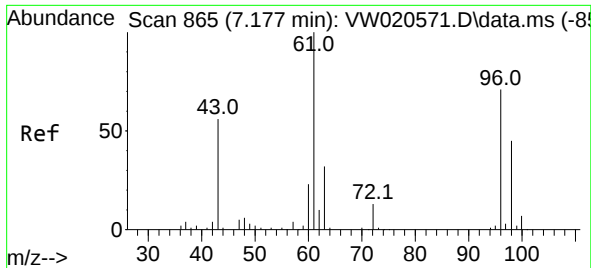
Tgt Ion: 43 Resp: 14202
Ion Ratio Lower Upper
43 100
58 27.5 0.0 58.4



#16
Methylene chloride
Concen: 7.285 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020580.D
Acq: 18 Oct 2021 23:00

Tgt Ion: 84 Resp: 21456
Ion Ratio Lower Upper
84 100
86 62.4 44.7 83.1
49 141.6 101.7 188.9





#22

2-Butanone

Concen: 2.048 ug/L

RT: 7.256 min Scan# 81

Delta R.T. 0.079 min

Lab File: VW020580.D

Acq: 18 Oct 2021 23:00

Instrument :

MSVOA_W

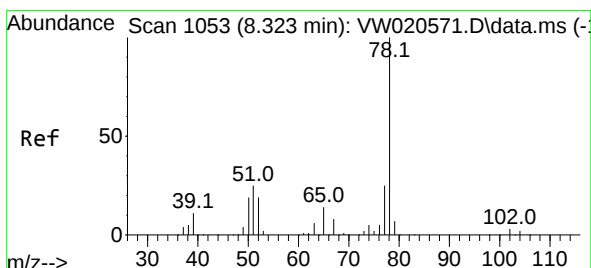
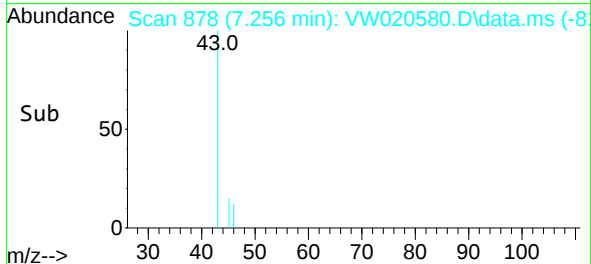
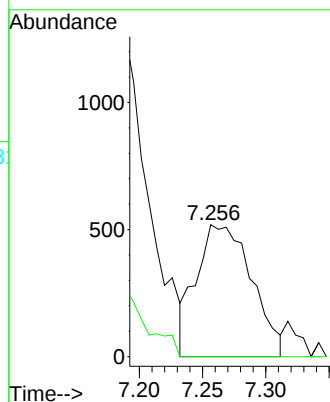
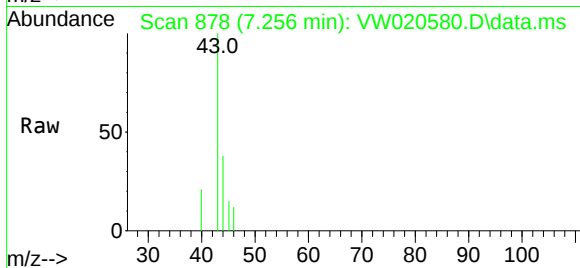
ClientSampleId :

Tgt Ion: 43 Resp: 1579

Ion Ratio Lower Upper

43 100

72 15.2 12.2 36.6



#33

Benzene

Concen: 1.817 ug/L

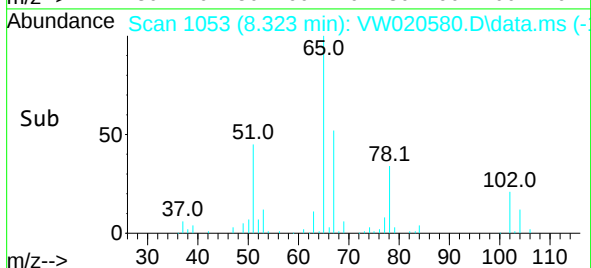
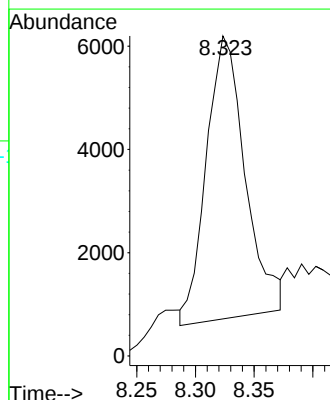
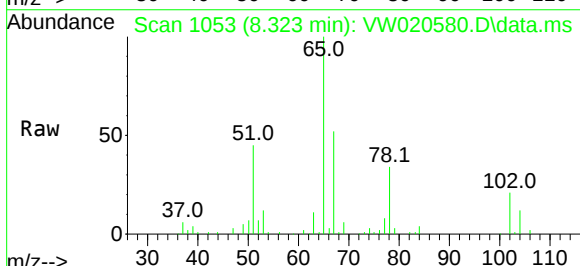
RT: 8.323 min Scan# 1053

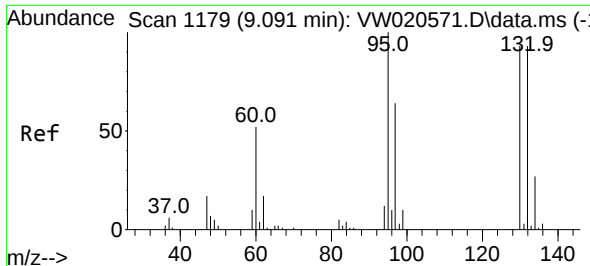
Delta R.T. 0.000 min

Lab File: VW020580.D

Acq: 18 Oct 2021 23:00

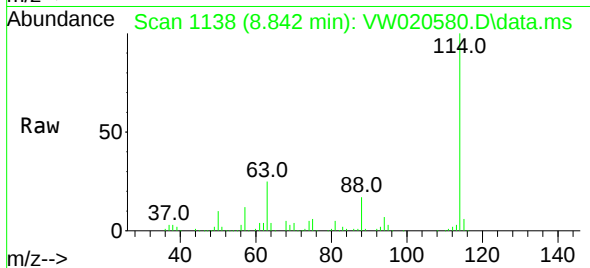
Tgt Ion: 78 Resp: 12647



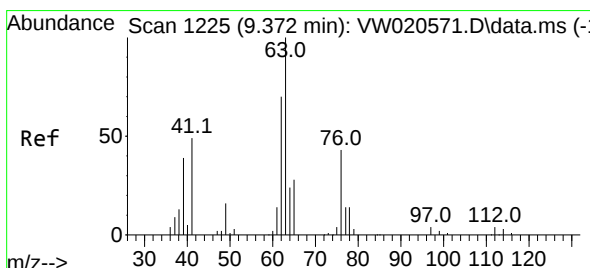
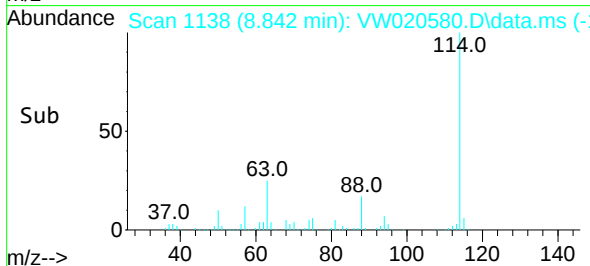
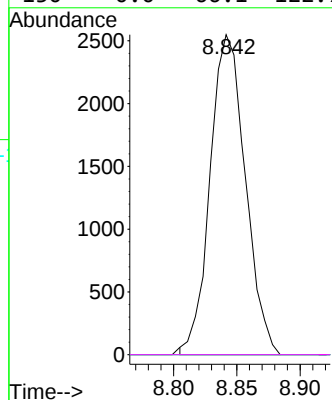


#34
Trichloroethene
Concen: 2.876 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW020580.D
Acq: 18 Oct 2021 23:00

Instrument :
MSVOA_W
ClientSampleId :

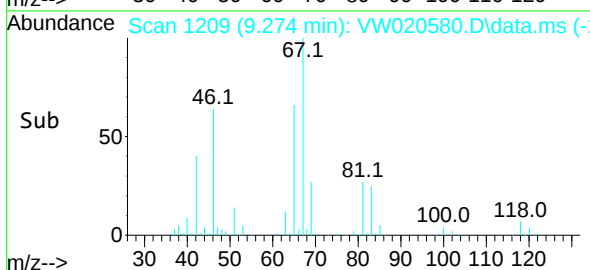
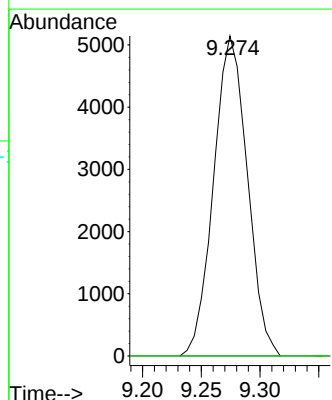
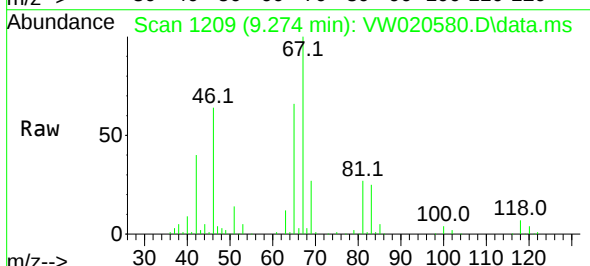


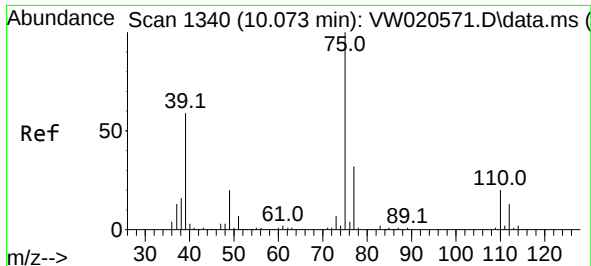
Tgt Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.2	80.2#
132	0.0	62.3	115.7#
130	0.0	66.1	122.7#



#37
1,2-Dichloropropane
Concen: 5.700 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW020580.D
Acq: 18 Oct 2021 23:00

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW020580.D

Acq: 18 Oct 2021 23:00

Instrument :

MSVOA_W

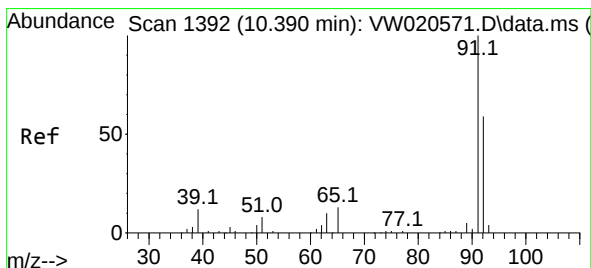
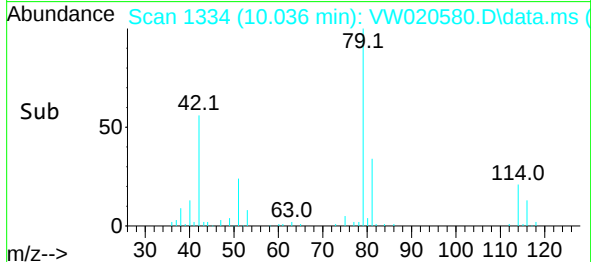
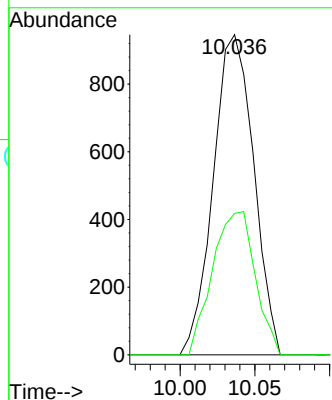
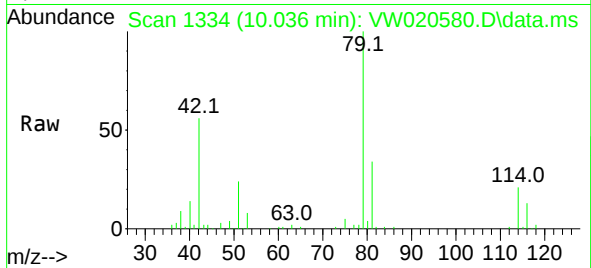
ClientSampleId :

Tgt Ion: 75 Resp: 1780

Ion Ratio Lower Upper

75 100

77 44.2 22.4 41.6#



#42

Toluene

Concen: 1.121 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW020580.D

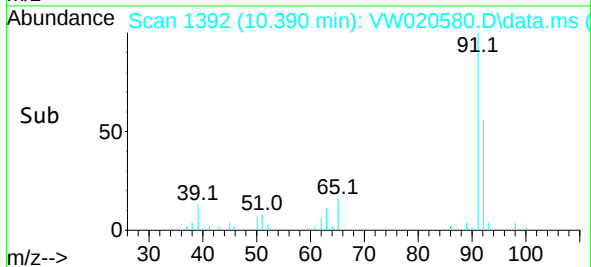
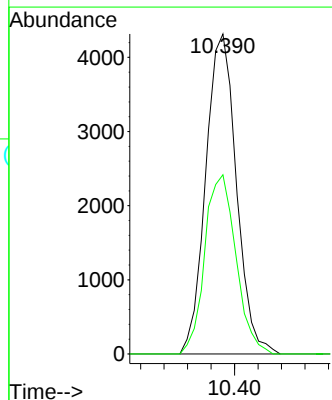
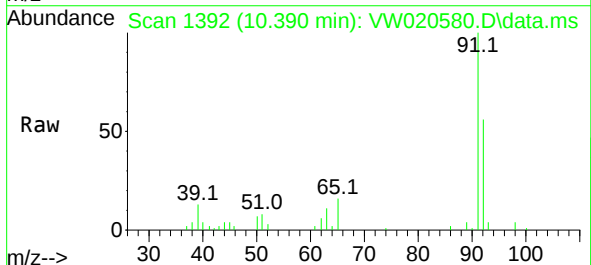
Acq: 18 Oct 2021 23:00

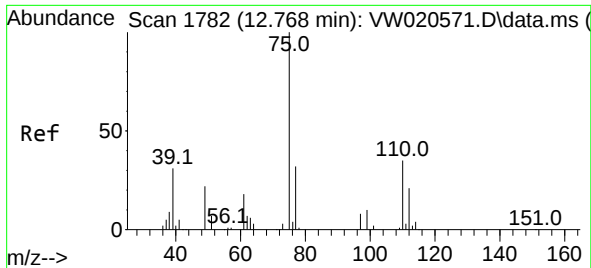
Tgt Ion: 91 Resp: 7829

Ion Ratio Lower Upper

91 100

92 56.0 41.5 77.1





#61

1,2,3-Trichloropropane

Concen: 6.350 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

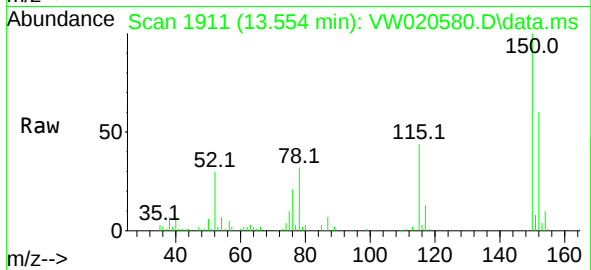
Lab File: VW020580.D

Acq: 18 Oct 2021 23:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75	Resp:	2357
Ion Ratio	Lower	Upper
75	100	
77	37.1	25.1 37.7
110	0.0	29.4 44.0#

