

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020588.D
 Acq On : 19 Oct 2021 02:14
 Operator : SY/VA
 Sample : M4212-05
 Misc : 4.63g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 19 07:54:26 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)

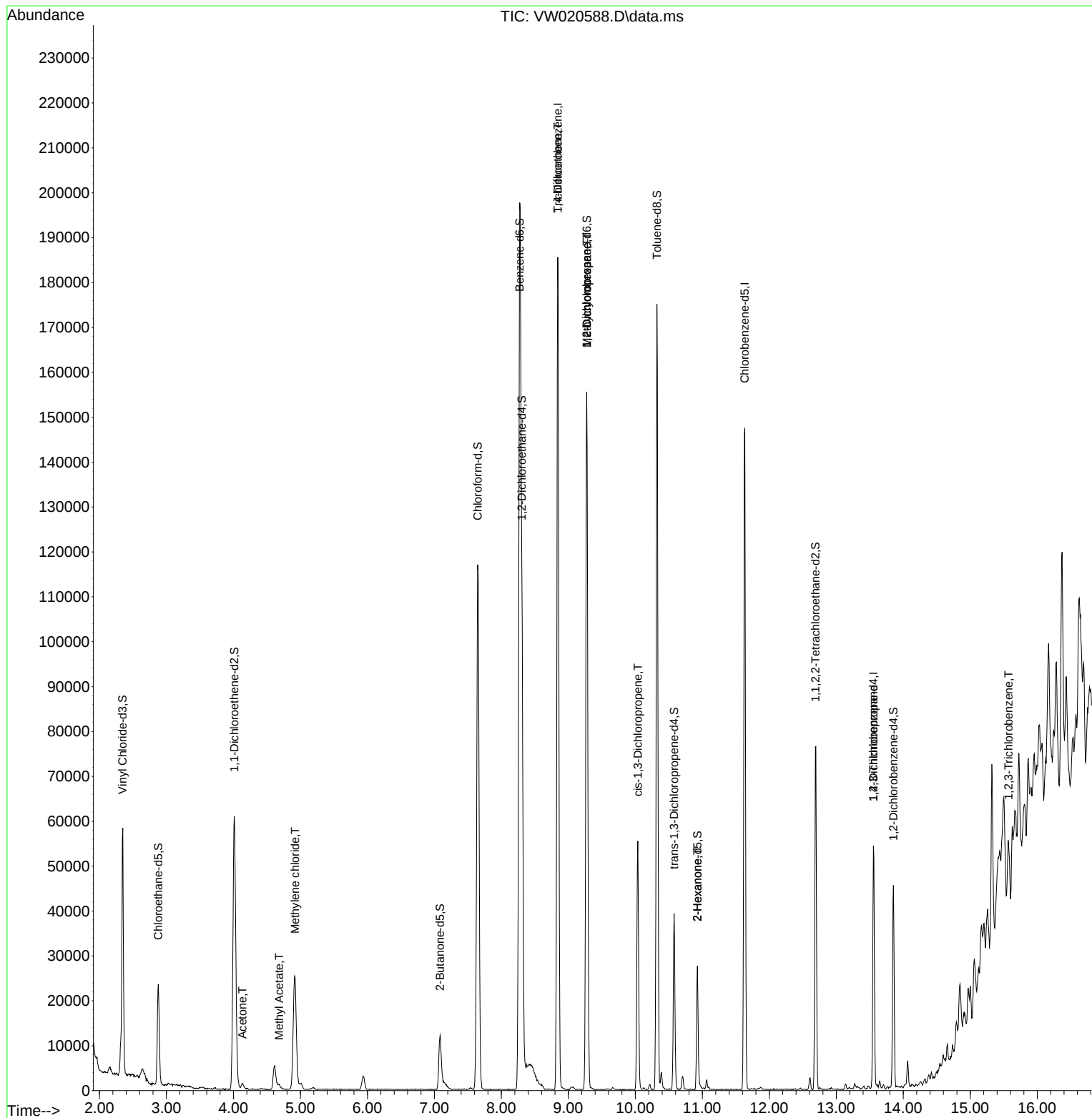
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	142057	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	76773	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	13087	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	49223	23.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.240%
7) Chloroethane-d5	2.879	69	23750	21.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	4.013	63	62121	14.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.680%
21) 2-Butanone-d5	7.086	46	22279	35.415	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.840%
24) Chloroform-d	7.647	84	116987	25.835	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.320%
26) 1,2-Dichloroethane-d4	8.305	65	74476	28.797	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	8.275	84	189945	37.613	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	150.440%#
36) 1,2-Dichloropropane-d6	9.274	67	69879	42.457	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	169.840%#
41) Toluene-d8	10.323	98	106873	23.586	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.360%
43) trans-1,3-Dichloroprop...	10.579	79	19677	29.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.680%
47) 2-Hexanone-d5	10.926	63	7850	31.004	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	38275	30.766	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.080%#
66) 1,2-Dichlorobenzene-d4	13.853	152	11181	21.840	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.360%
Target Compounds					Qvalue	
13) Acetone	4.135	43	2475	4.285	ug/L	91
15) Methyl Acetate	4.684	43	2272	2.118	ug/L #	88
16) Methylene chloride	4.921	84	18633	6.747	ug/L	93
34) Trichloroethene	8.841	95	4712	3.498	ug/L #	8
35) Methylcyclohexane	9.274	83	16276	7.060	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	8389	5.924	ug/L #	87
39) cis-1,3-Dichloropropene	10.036	75	1430	0.732	ug/L #	79
48) 2-Hexanone	10.926	43	1508	2.418	ug/L #	67
61) 1,2,3-Trichloropropane	13.554	75	2083	7.225	ug/L #	66
72) 1,2,3-Trichlorobenzene	15.572	180	800	1.941	ug/L #	22

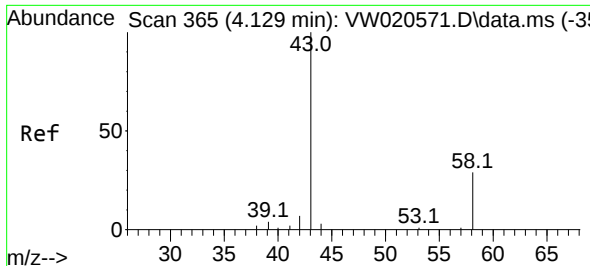
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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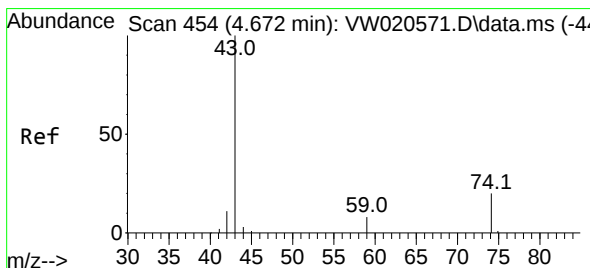
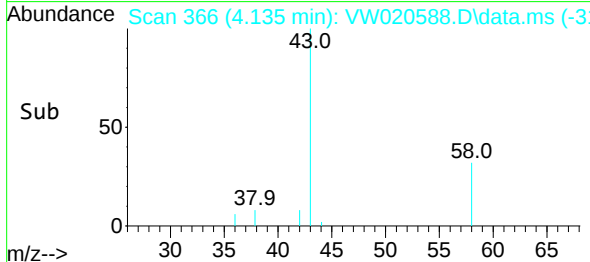
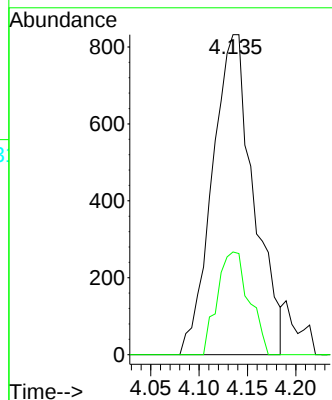
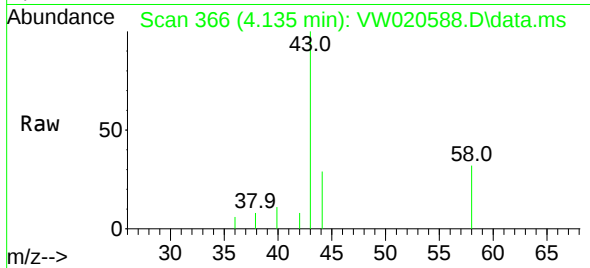




#13
Acetone
Concen: 4.285 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW020588.D
Acq: 19 Oct 2021 02:14

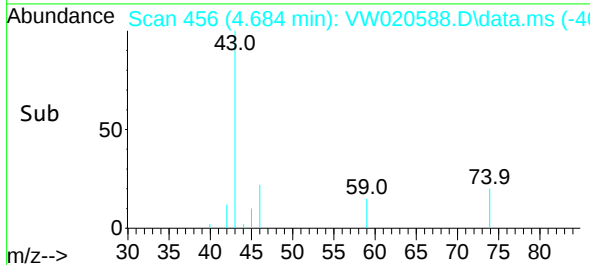
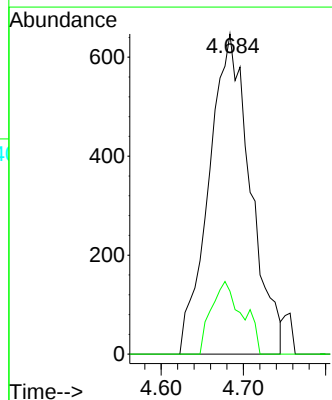
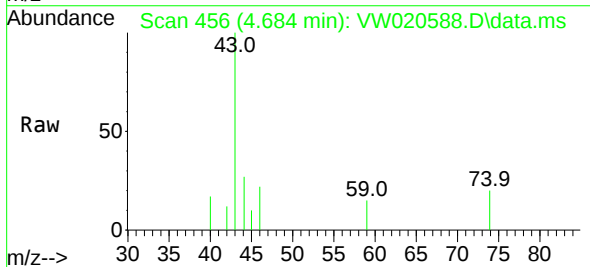
Instrument :
MSVOA_W
ClientSampleId :

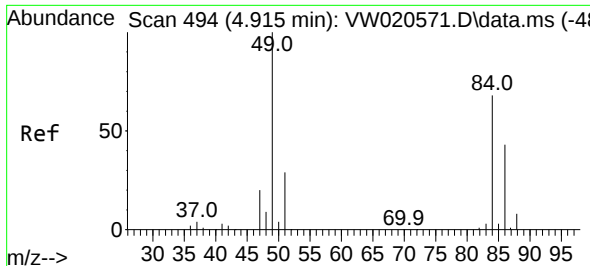
Tgt Ion: 43 Resp: 2475
Ion Ratio Lower Upper
43 100
58 24.6 0.0 58.4



#15
Methyl Acetate
Concen: 2.118 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW020588.D
Acq: 19 Oct 2021 02:14

Tgt Ion: 43 Resp: 2272
Ion Ratio Lower Upper
43 100
74 14.6 16.1 24.1#

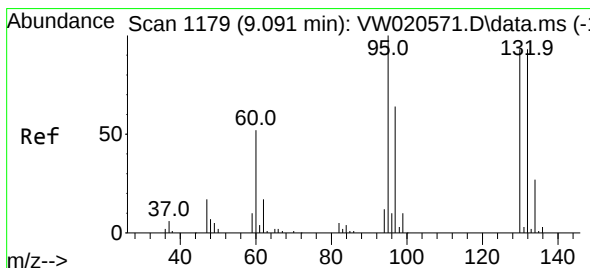
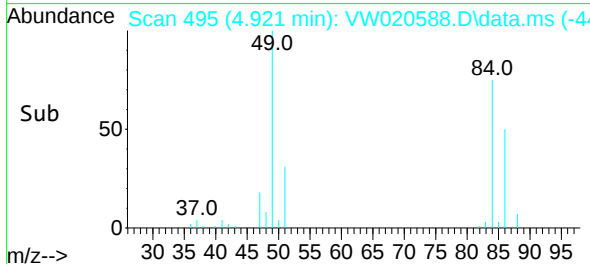
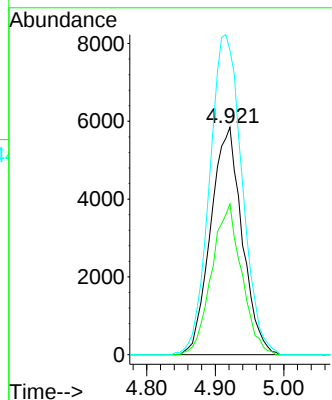
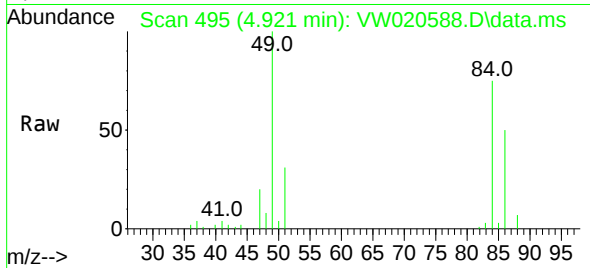




#16
Methylene chloride
Concen: 6.747 ug/L
RT: 4.921 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW020588.D
Acq: 19 Oct 2021 02:14

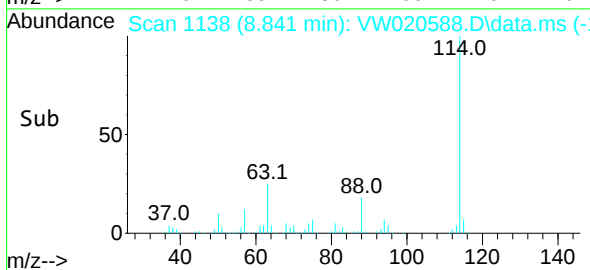
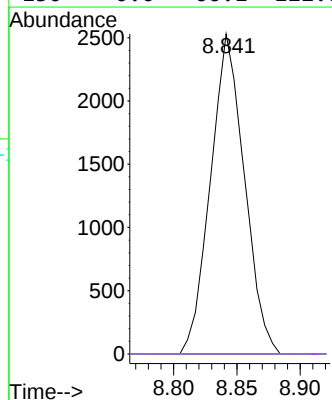
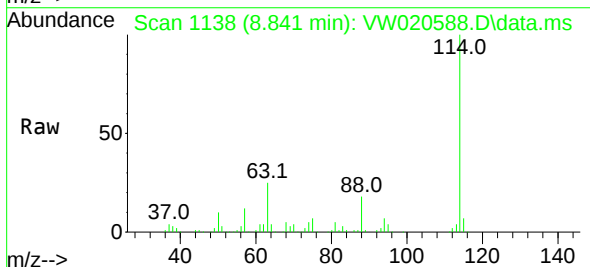
Instrument :
MSVOA_W
ClientSampleId :

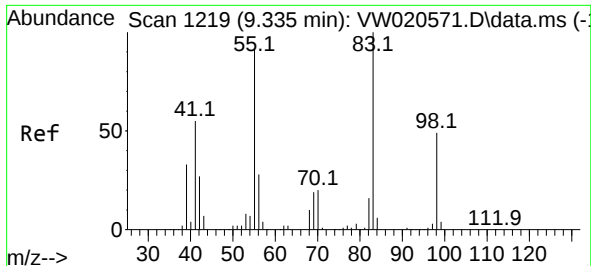
Tgt Ion: 84 Resp: 18633
Ion Ratio Lower Upper
84 100
86 66.3 44.7 83.1
49 133.9 101.7 188.9



#34
Trichloroethene
Concen: 3.498 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW020588.D
Acq: 19 Oct 2021 02:14

Tgt Ion: 95 Resp: 4712
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#





#35

Methylcyclohexane

Concen: 7.060 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW020588.D

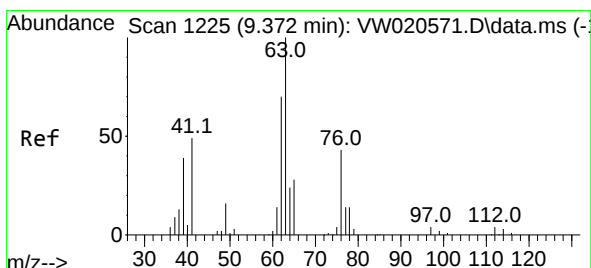
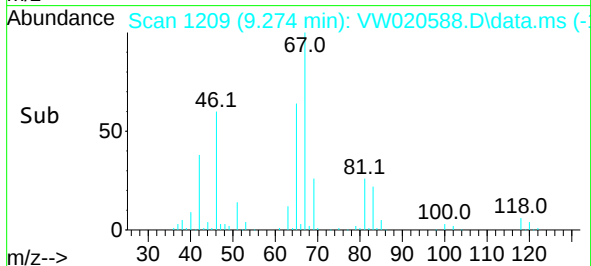
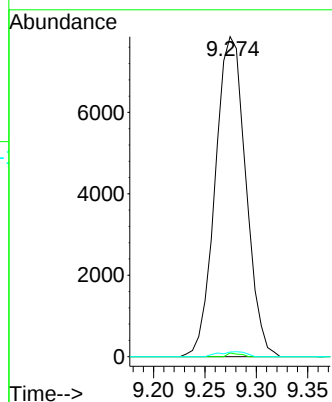
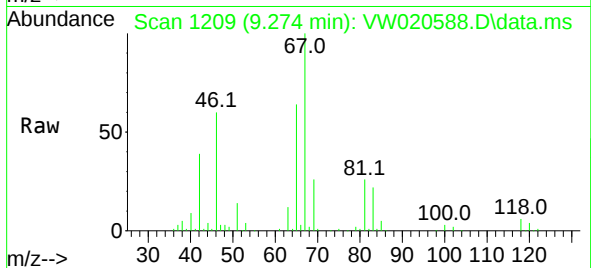
Acq: 19 Oct 2021 02:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 16276
Ion Ratio	Lower Upper
83	100
55	0.5 69.7 104.5#
98	1.4 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 5.924 ug/L

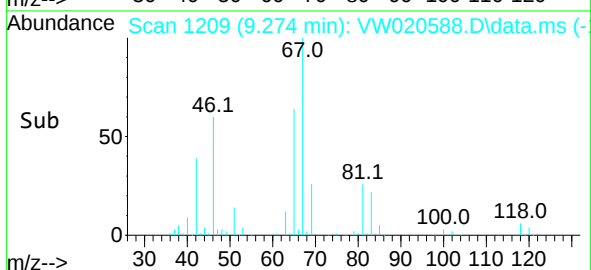
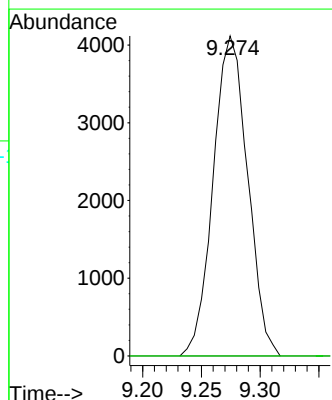
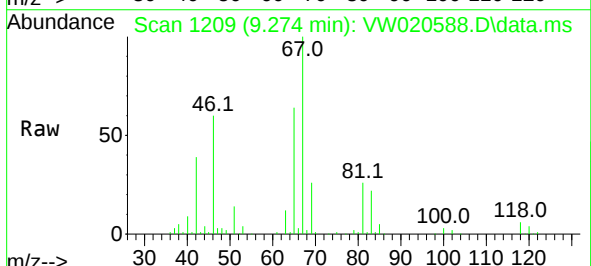
RT: 9.274 min Scan# 1209

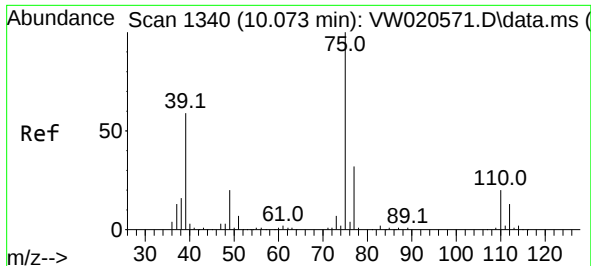
Delta R.T. -0.098 min

Lab File: VW020588.D

Acq: 19 Oct 2021 02:14

Tgt Ion: 63	Resp: 8389
Ion Ratio	Lower Upper
63	100
112	0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.732 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW020588.D

Acq: 19 Oct 2021 02:14

Instrument :

MSVOA_W

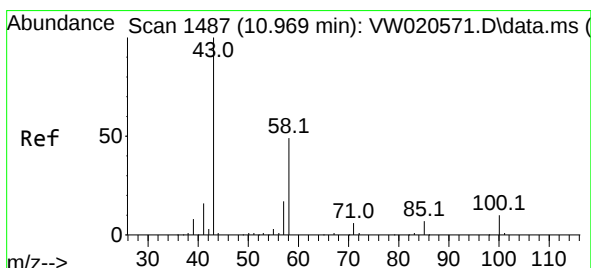
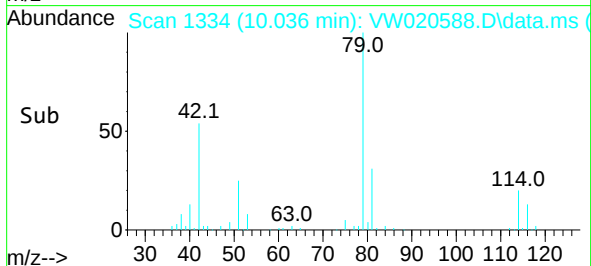
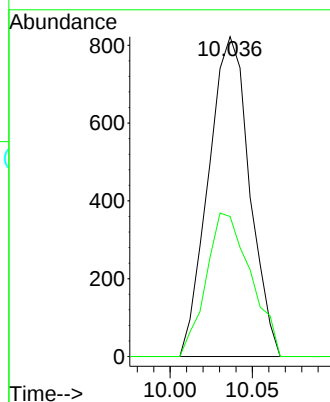
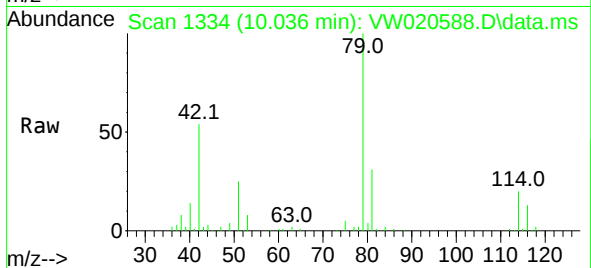
ClientSampleId :

Tgt Ion: 75 Resp: 1430

Ion Ratio Lower Upper

75 100

77 43.8 22.4 41.6#



#48

2-Hexanone

Concen: 2.418 ug/L

RT: 10.926 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW020588.D

Acq: 19 Oct 2021 02:14

Tgt Ion: 43 Resp: 1508

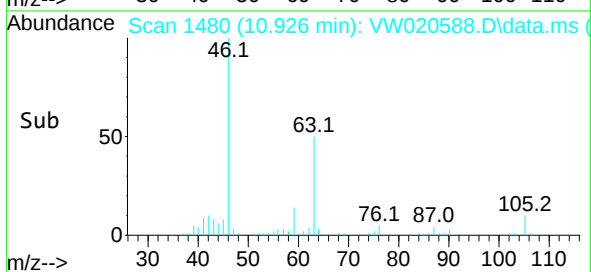
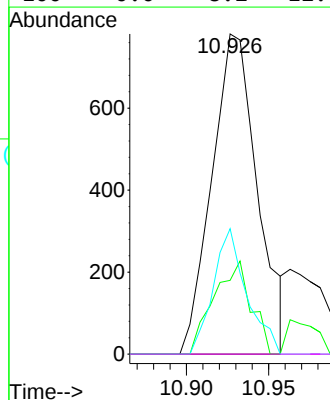
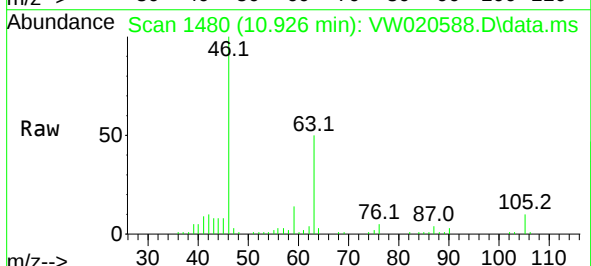
Ion Ratio Lower Upper

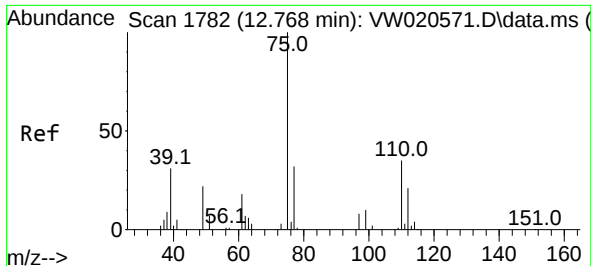
43 100

58 23.9 39.5 59.3#

57 28.8 14.2 21.4#

100 0.0 8.2 12.4#





#61

1,2,3-Trichloropropane

Concen: 7.225 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW020588.D

Acq: 19 Oct 2021 02:14

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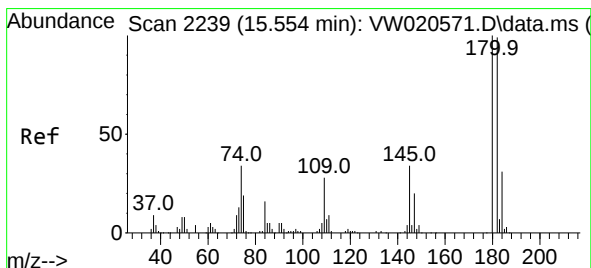
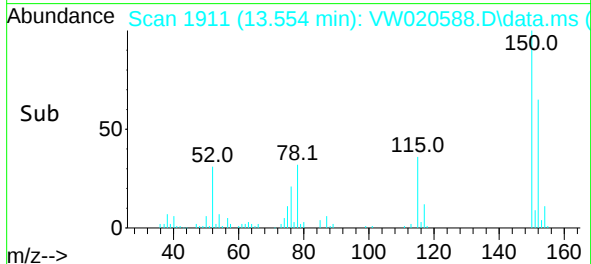
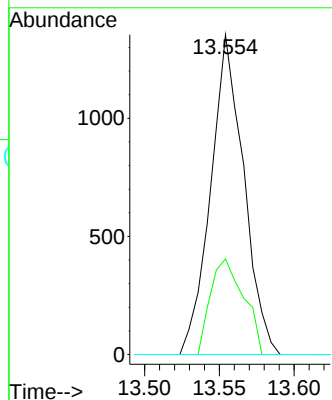
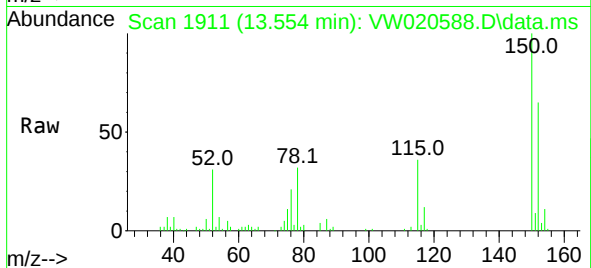
Tgt Ion: 75 Resp: 2083

Ion Ratio Lower Upper

75 100

77 30.1 25.1 37.7

110 0.0 29.4 44.0#



#72

1,2,3-Trichlorobenzene

Concen: 1.941 ug/L

RT: 15.572 min Scan# 2242

Delta R.T. 0.018 min

Lab File: VW020588.D

Acq: 19 Oct 2021 02:14

Tgt Ion:180 Resp: 800

Ion Ratio Lower Upper

180 100

182 11.9 74.8 112.2#

145 0.0 26.2 39.4#

