

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021054.D
 Acq On : 02 Dec 2021 18:02
 Operator : SY/VA
 Sample : M4881-02RE
 Misc : 4.49g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:27:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

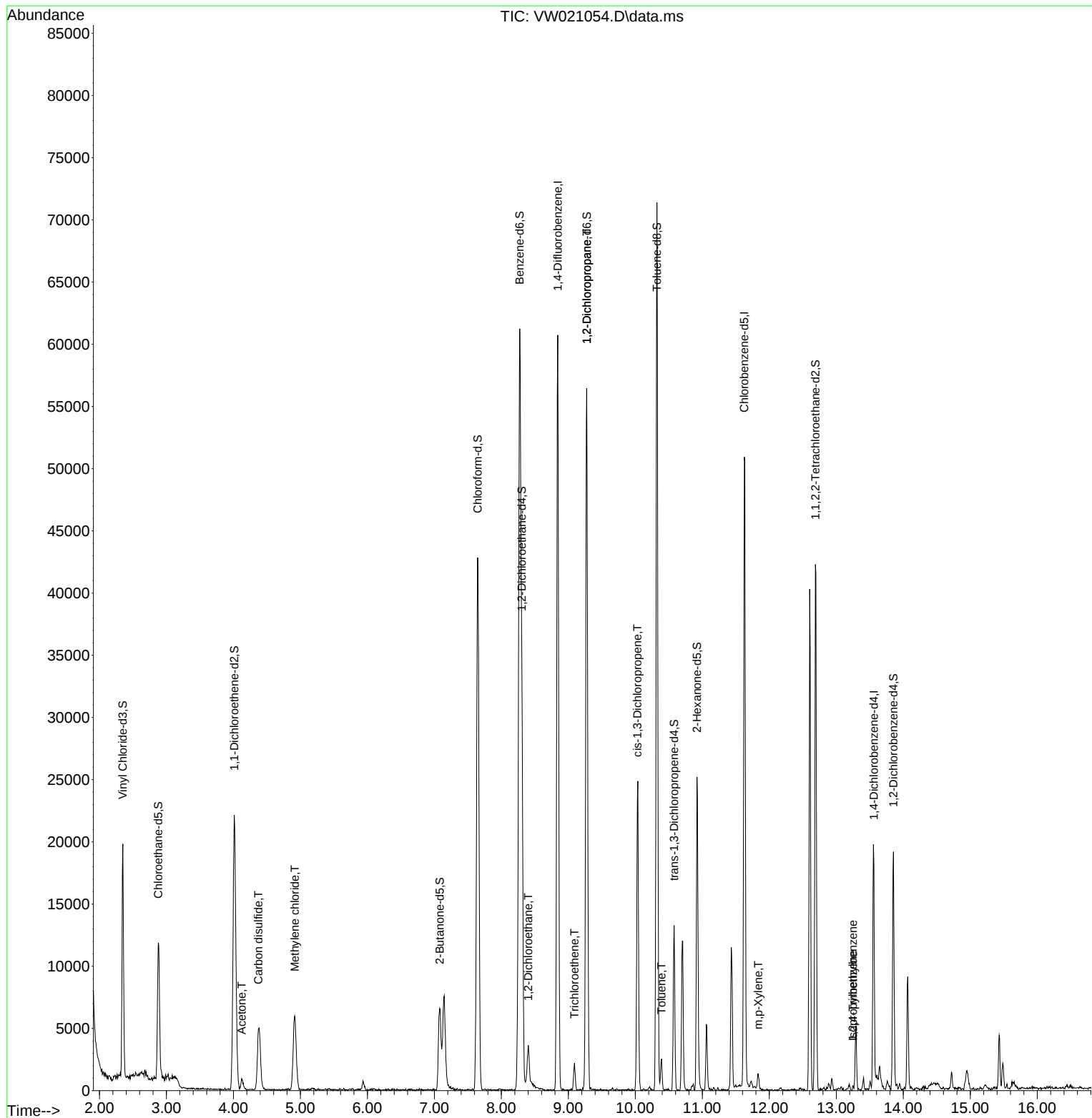
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	52331	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	28595	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	5133	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	16882	27.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 111.240%	
7) Chloroethane-d5	2.879	69	13168	33.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 134.560%	
11) 1,1-Dichloroethene-d2	4.013	63	20248	17.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 68.960%	
21) 2-Butanone-d5	7.080	46	11449	75.566	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 151.140%#	
24) Chloroform-d	7.647	84	42934	32.561	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 130.240%	
26) 1,2-Dichloroethane-d4	8.305	65	22659	33.856	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 135.440%#	
32) Benzene-d6	8.275	84	59634	39.569	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 158.280%#	
36) 1,2-Dichloropropane-d6	9.274	67	23936	55.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 223.080%#	
41) Toluene-d8	10.323	98	45817	30.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 122.520%	
43) trans-1,3-Dichloroprop...	10.579	79	6590	32.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 129.960%	
47) 2-Hexanone-d5	10.920	63	8362	117.481	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 234.960%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	19350	58.857	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 235.440%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	5035	27.521	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.080%	
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	1594	11.784	ug/L	99
14) Carbon disulfide	4.373	76	10245	5.777	ug/L #	95
16) Methylene chloride	4.915	84	4865	6.666	ug/L	78
27) 1,2-Dichloroethane	8.403	62	2361	3.047	ug/L #	94
34) Trichloroethene	9.091	95	645	1.424	ug/L	83
37) 1,2-Dichloropropane	9.274	63	3091	8.203	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	756	1.215	ug/L #	80
42) Toluene	10.390	91	2069	1.136	ug/L	96
53) m,p-Xylene	11.835	106	510	0.619	ug/L #	58
60) Isopropylbenzene	13.249	105	331	0.473	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	331	0.569	ug/L #	78

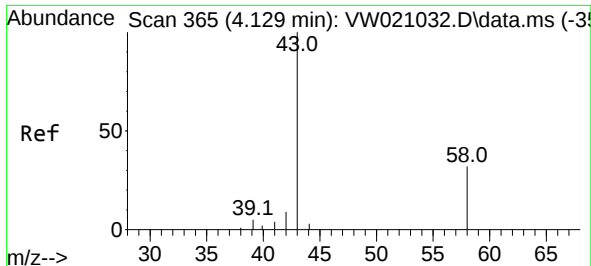
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration





#13

Acetone

Concen: 11.784 ug/L

RT: 4.123 min Scan# 30

Delta R.T. -0.006 min

Lab File: VW021054.D

Acq: 02 Dec 2021 18:02

Instrument :

MSVOA_W

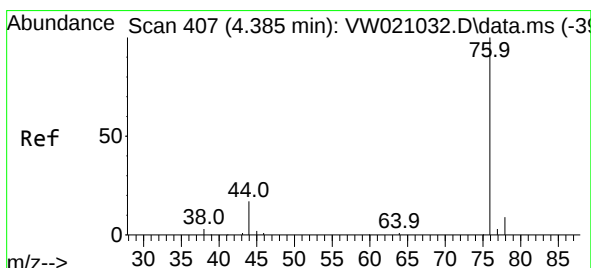
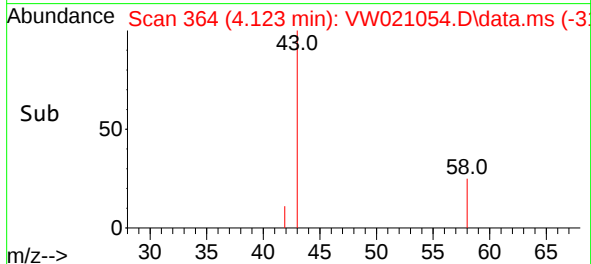
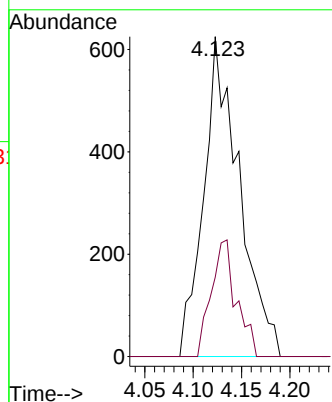
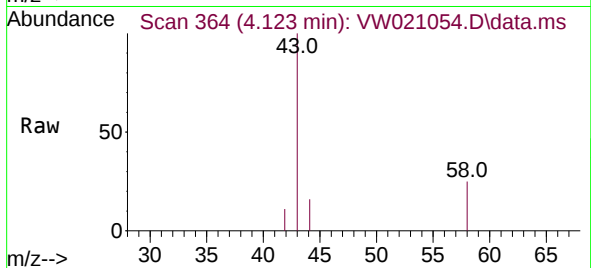
ClientSampleId :

Tgt Ion: 43 Resp: 1594

Ion Ratio Lower Upper

43 100

58 25.7 0.0 52.8



#14

Carbon disulfide

Concen: 5.777 ug/L

RT: 4.373 min Scan# 405

Delta R.T. -0.012 min

Lab File: VW021054.D

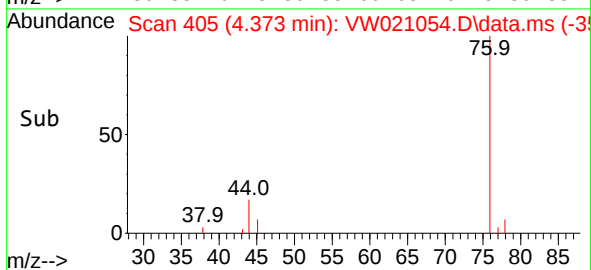
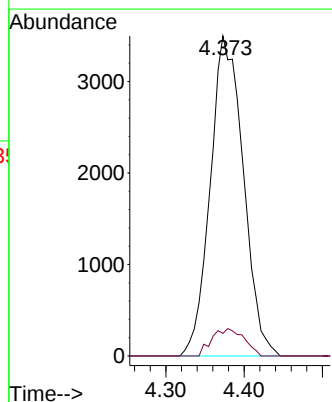
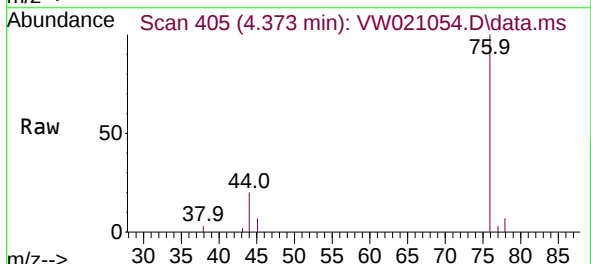
Acq: 02 Dec 2021 18:02

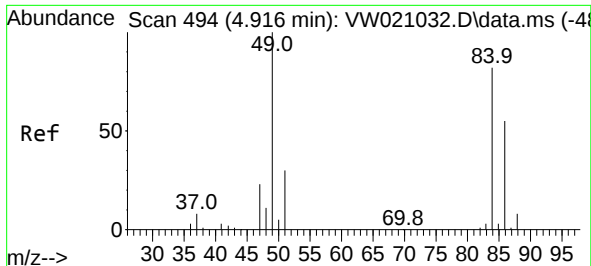
Tgt Ion: 76 Resp: 10245

Ion Ratio Lower Upper

76 100

78 7.1 7.1 10.7#

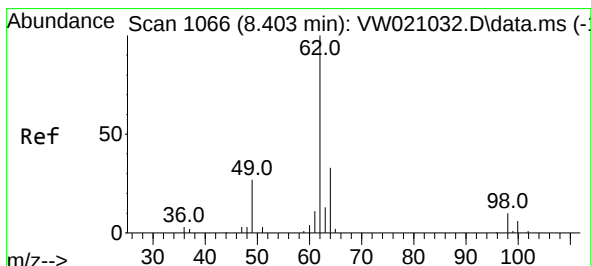
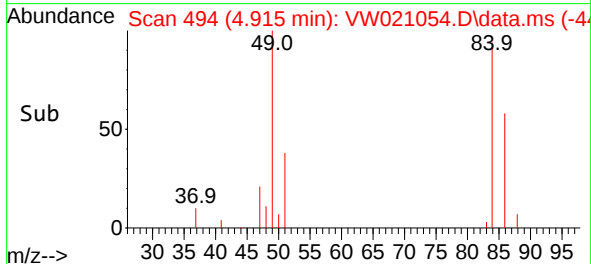
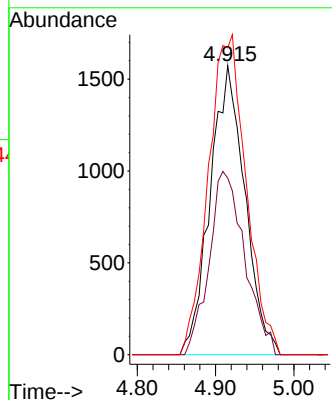
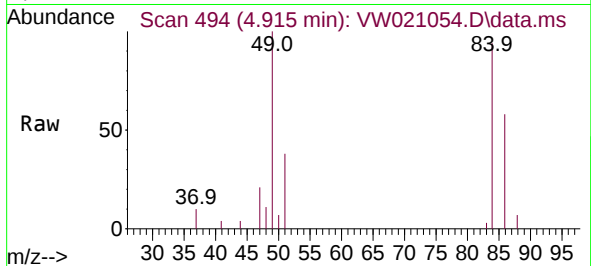




#16
Methylene chloride
Concen: 6.666 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021054.D
Acq: 02 Dec 2021 18:02

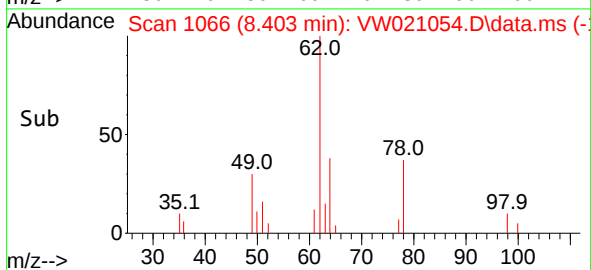
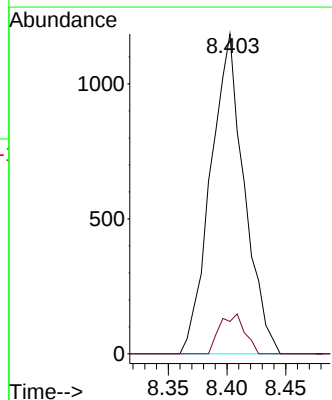
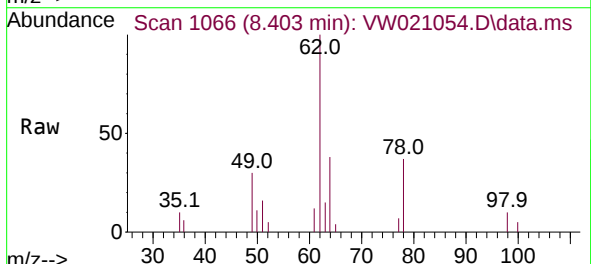
Instrument :
MSVOA_W
ClientSampleId :

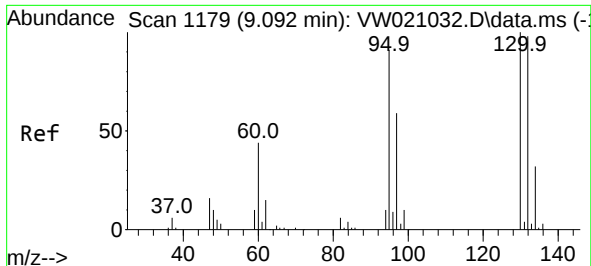
Tgt Ion: 84 Resp: 4865
Ion Ratio Lower Upper
84 100
86 61.1 45.5 84.5
49 106.1 100.5 186.7



#27
1,2-Dichloroethane
Concen: 3.047 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021054.D
Acq: 02 Dec 2021 18:02

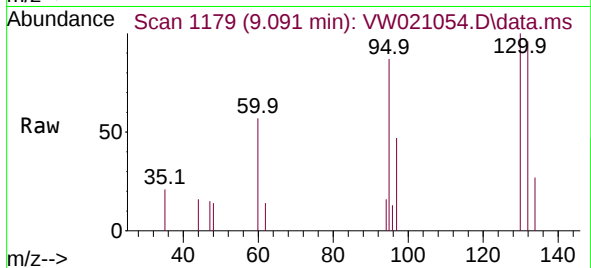
Tgt Ion: 62 Resp: 2361
Ion Ratio Lower Upper
62 100
98 10.1 6.5 9.7#





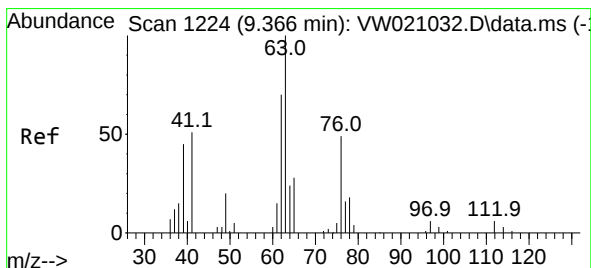
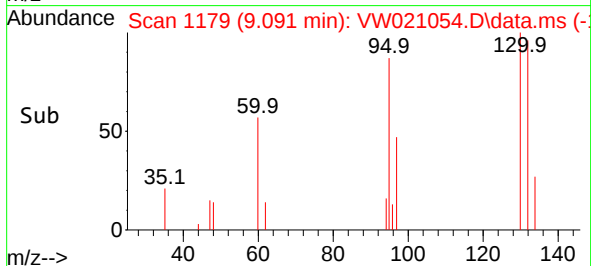
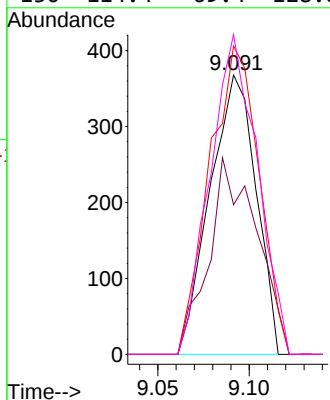
#34
Trichloroethene
Concen: 1.424 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021054.D
Acq: 02 Dec 2021 18:02

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 645

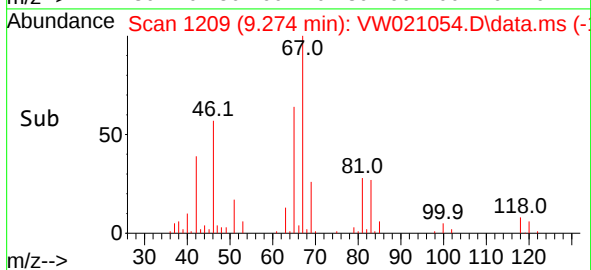
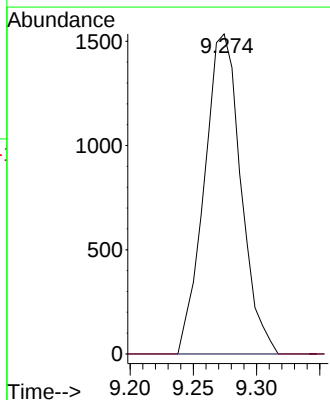
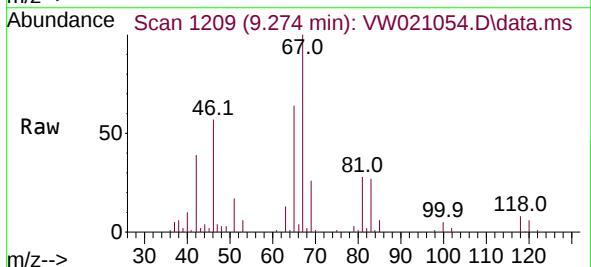
Ion	Ratio	Lower	Upper
95	100		
97	53.5	47.0	87.2
132	110.3	65.5	121.6
130	114.4	69.4	128.8

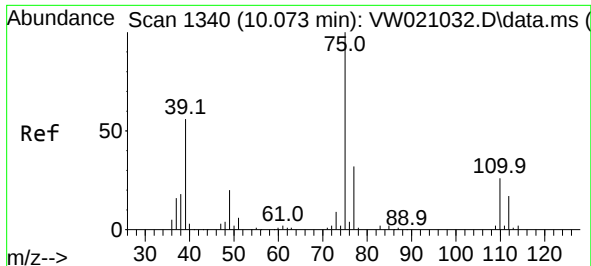


#37
1,2-Dichloropropane
Concen: 8.203 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW021054.D
Acq: 02 Dec 2021 18:02

Tgt Ion: 63 Resp: 3091

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 1.215 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021054.D

Acq: 02 Dec 2021 18:02

Instrument :

MSVOA_W

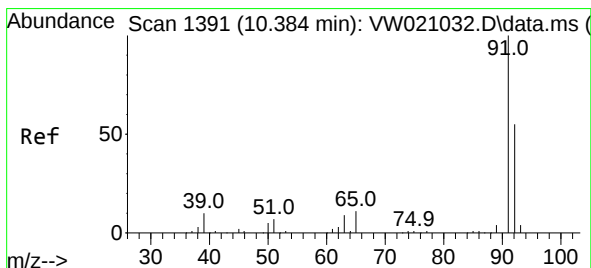
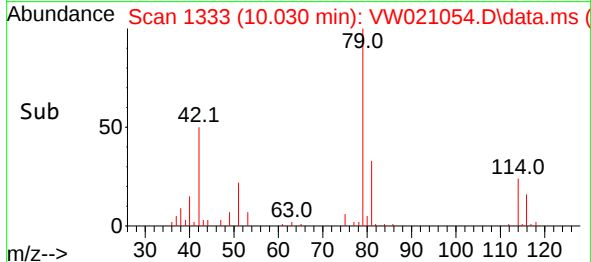
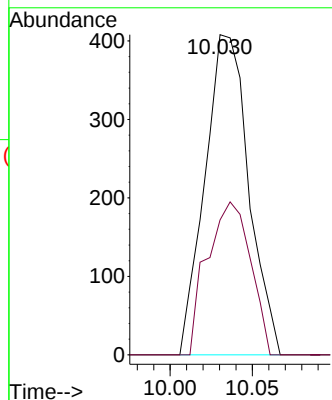
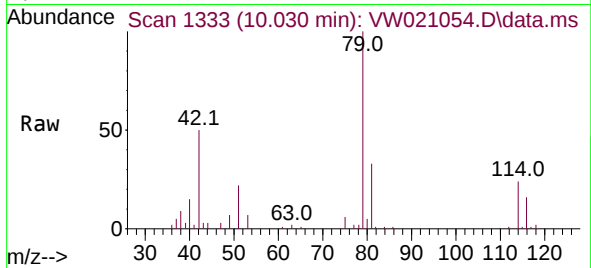
ClientSampleId :

Tgt Ion: 75 Resp: 756

Ion Ratio Lower Upper

75 100

77 42.2 21.8 40.6#



#42

Toluene

Concen: 1.136 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW021054.D

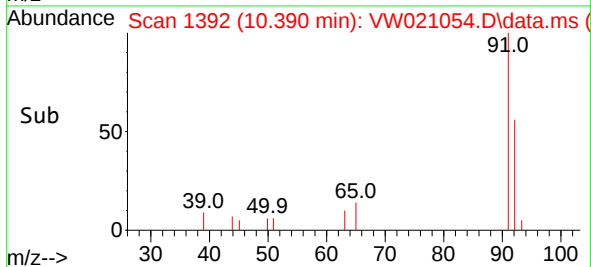
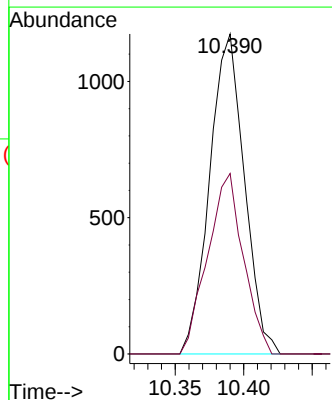
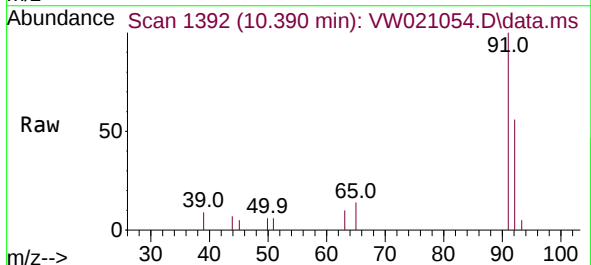
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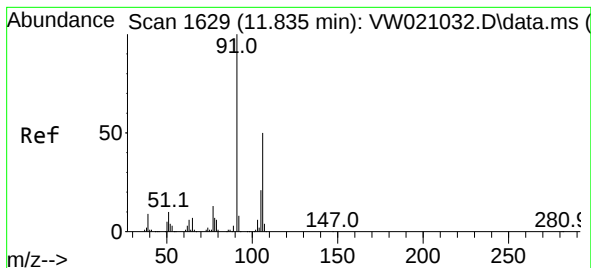
Tgt Ion: 91 Resp: 2069

Ion Ratio Lower Upper

91 100

92 56.4 41.7 77.5

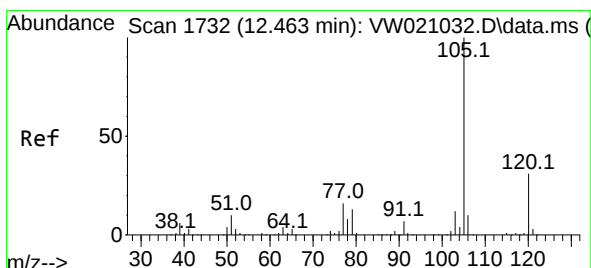
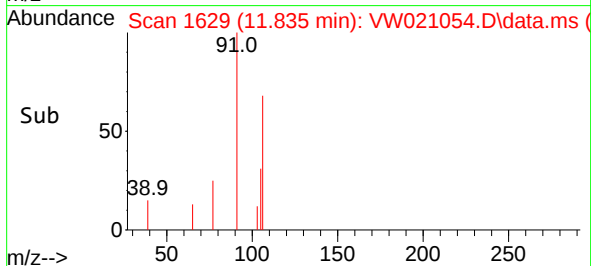
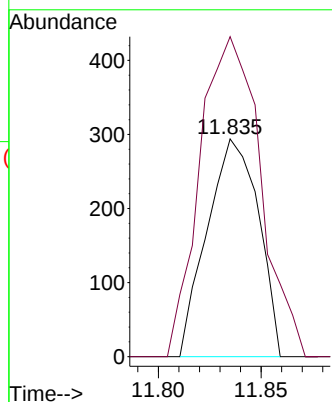
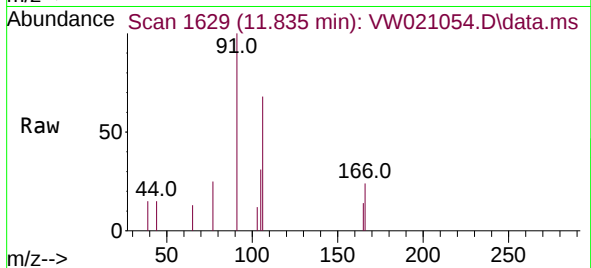




#53
m,p-Xylene
Concen: 0.619 ug/L
RT: 11.835 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VW021054.D
Acq: 02 Dec 2021 18:02

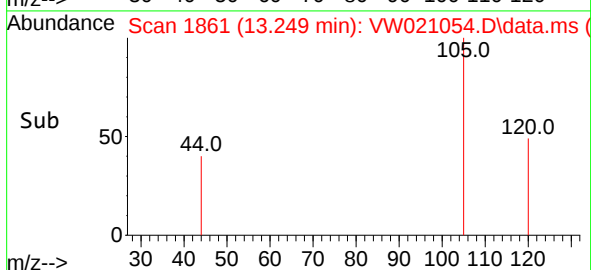
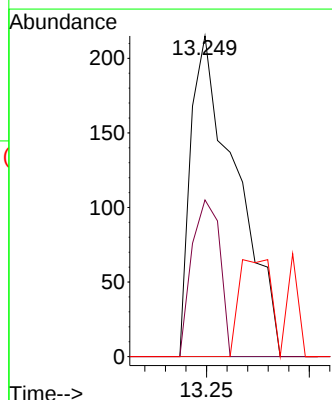
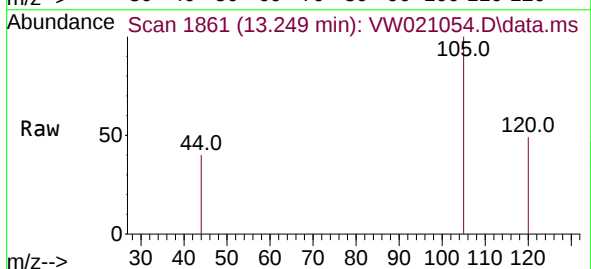
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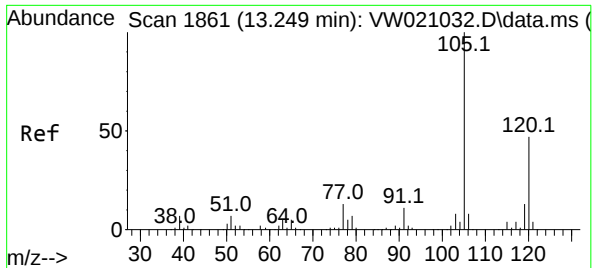
Tgt Ion:106 Resp: 510
Ion Ratio Lower Upper
106 100
91 146.9 149.9 278.3#



#60
Isopropylbenzene
Concen: 0.473 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.786 min
Lab File: VW021054.D
Acq: 02 Dec 2021 18:02

Tgt Ion:105 Resp: 331
Ion Ratio Lower Upper
105 100
120 29.9 20.1 30.1
77 14.2 13.8 20.8





#63

1,2,4-Trimethylbenzene

Concen: 0.569 ug/L

RT: 13.249 min Scan# 11

Delta R.T. -0.000 min

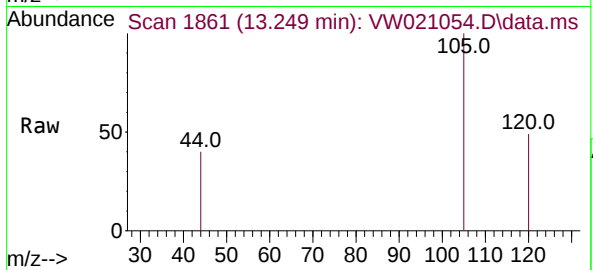
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Acq: 02 Dec 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:105 Resp: 331

Ion Ratio Lower Upper

105 100

120 29.9 35.0 52.6#

