

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021849.D
 Acq On : 11 Jan 2022 22:08
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 00:53:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

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

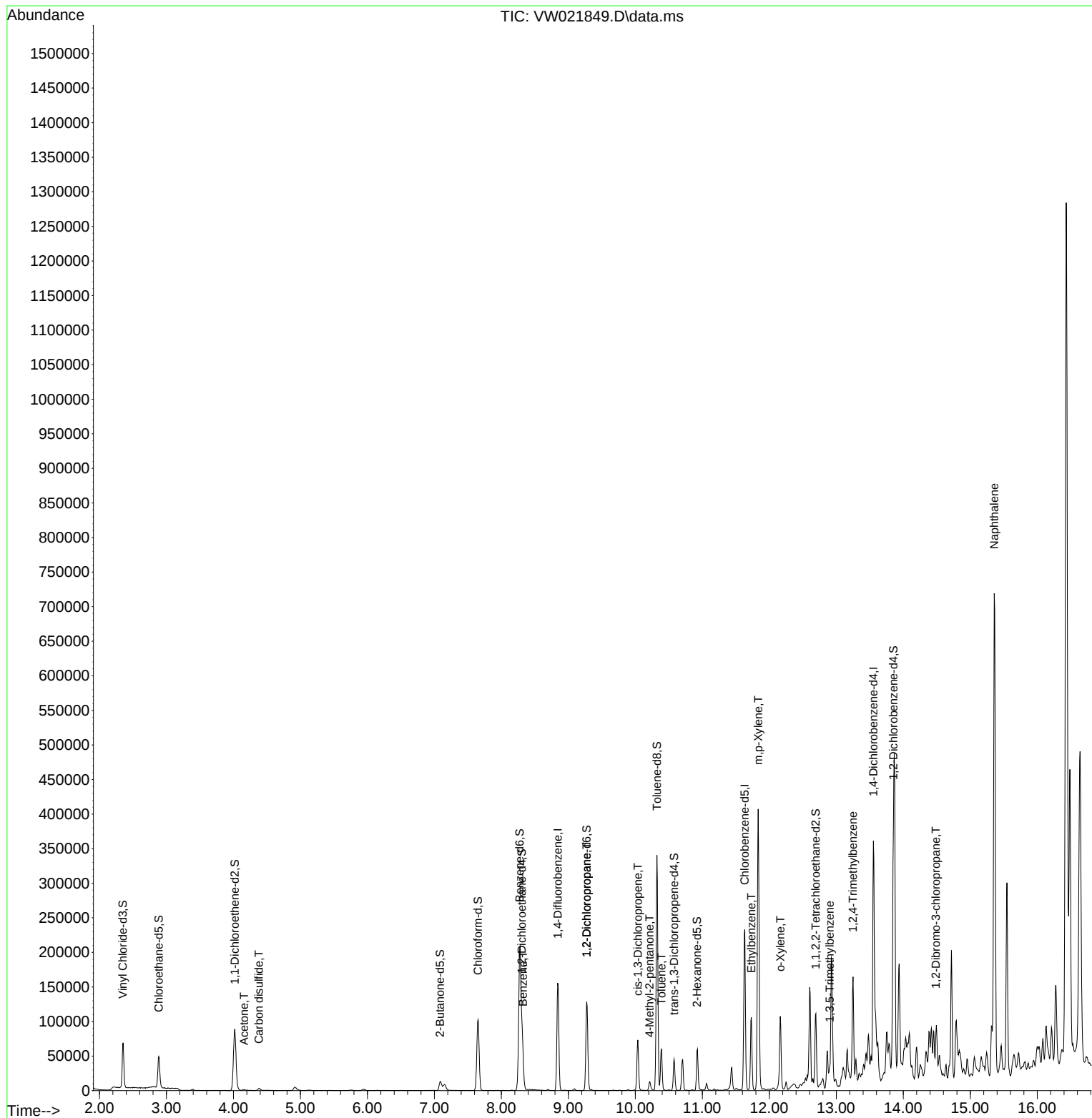
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	149764	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	147300	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	91408	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	63804	22.921	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.680%		
7) Chloroethane-d5	2.885	69	49615	19.738	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.960%		
11) 1,1-Dichloroethene-d2	4.019	63	78952	17.966	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.880%		
21) 2-Butanone-d5	7.086	46	22531	57.346	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.700%		
24) Chloroform-d	7.653	84	106163	21.942	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.760%		
26) 1,2-Dichloroethane-d4	8.305	65	54352	23.263	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.040%		
32) Benzene-d6	8.275	84	227523	23.805	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.200%		
36) 1,2-Dichloropropane-d6	9.274	67	58726	23.311	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.240%		
41) Toluene-d8	10.323	98	232675	24.149	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.600%		
43) trans-1,3-Dichloroprop...	10.579	79	24077	22.510	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.040%		
47) 2-Hexanone-d5	10.920	63	21121	61.787	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	123.580%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	49199	24.975	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.920%		
66) 1,2-Dichlorobenzene-d4	13.853	152	93630	24.911	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.640%		
Target Compounds						Qvalue
13) Acetone	4.159	43	2640	8.133	ug/L	98
14) Carbon disulfide	4.379	76	6902	1.179	ug/L #	90
33) Benzene	8.323	78	16089	1.781	ug/L	100
37) 1,2-Dichloropropane	9.274	63	6473	3.290	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	2031	0.664	ug/L #	57
40) 4-Methyl-2-pentanone	10.213	43	8083	8.745	ug/L #	81
42) Toluene	10.390	91	45551	4.497	ug/L	97
52) Ethylbenzene	11.731	91	75634	6.721	ug/L	94
53) m,p-Xylene	11.835	106	129715	27.566	ug/L	81
54) o-Xylene	12.164	106	31283	7.161	ug/L	84
62) 1,3,5-Trimethylbenzene	12.902	105	11795	1.144	ug/L	86
63) 1,2,4-Trimethylbenzene	13.249	105	87861	8.643	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.487	75	1056	4.186	ug/L #	10
71) Naphthalene	15.359	128	657890	115.070	ug/L	100

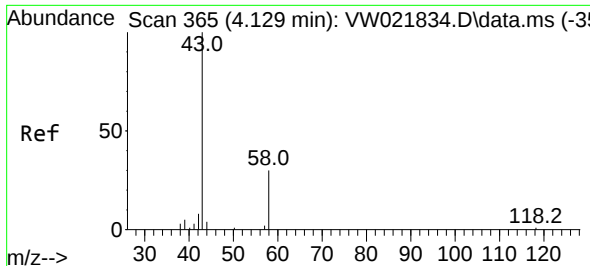
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 12 00:49:08 2022
Response via : Initial Calibration





#13

Acetone

Concen: 8.133 ug/L

RT: 4.159 min Scan# 3

Delta R.T. 0.030 min

Lab File: VW021849.D

Acq: 11 Jan 2022 22:08

Instrument :

MSVOA_W

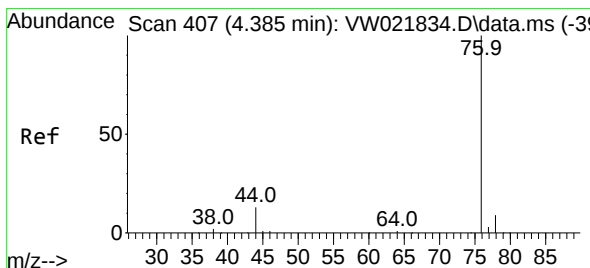
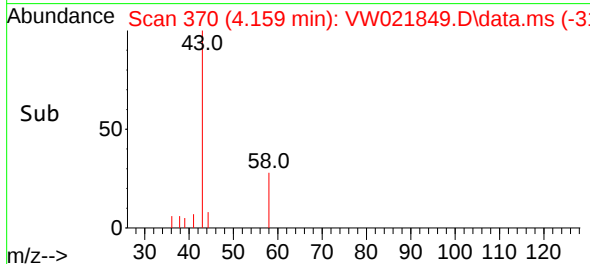
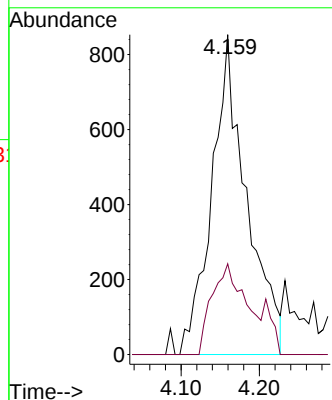
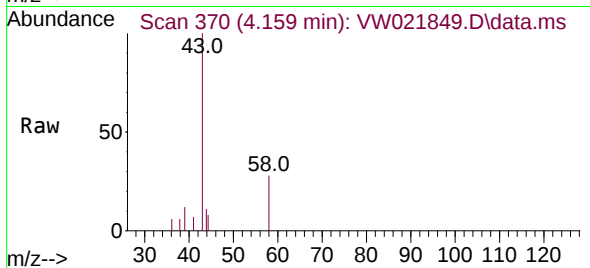
ClientSampleId :

Tgt Ion: 43 Resp: 2640

Ion Ratio Lower Upper

43 100

58 27.7 0.0 52.8



#14

Carbon disulfide

Concen: 1.179 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021849.D

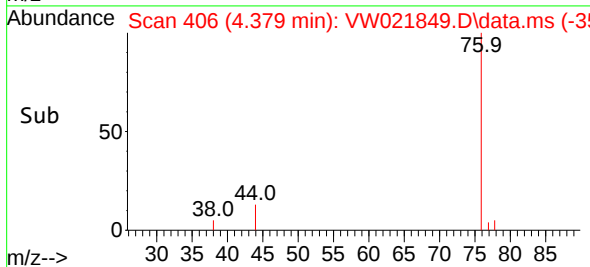
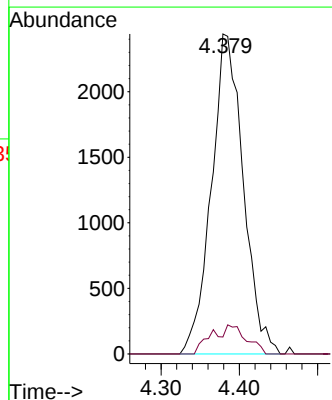
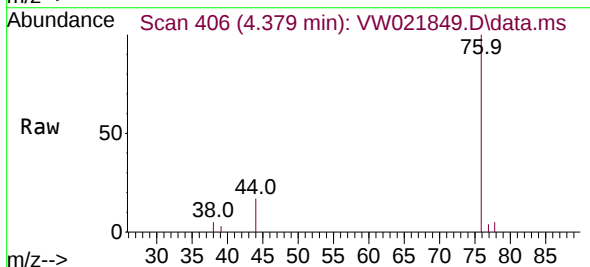
Acq: 11 Jan 2022 22:08

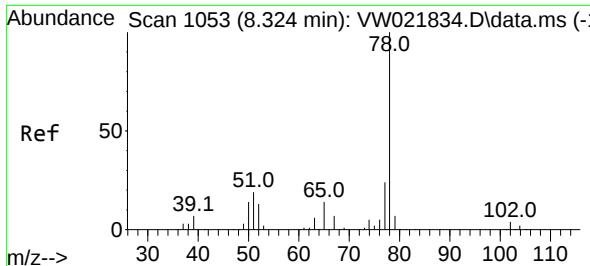
Tgt Ion: 76 Resp: 6902

Ion Ratio Lower Upper

76 100

78 5.3 7.1 10.7#

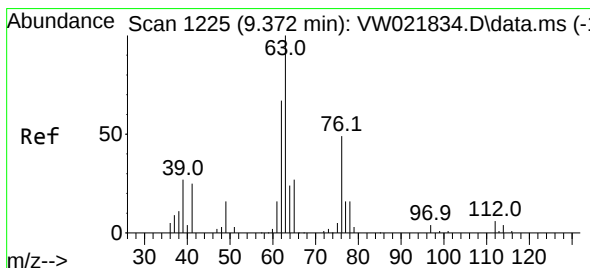
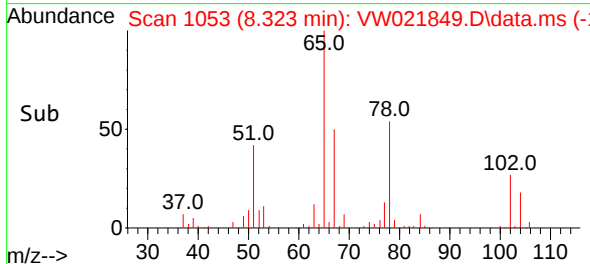
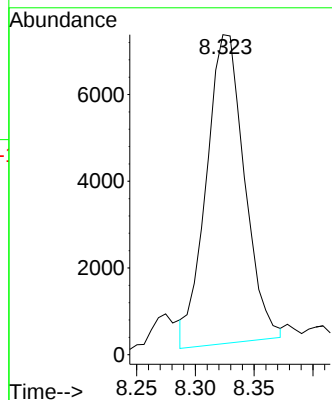
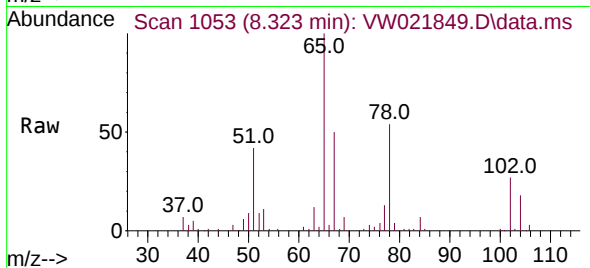




#33
Benzene
Concen: 1.781 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021849.D
Acq: 11 Jan 2022 22:08

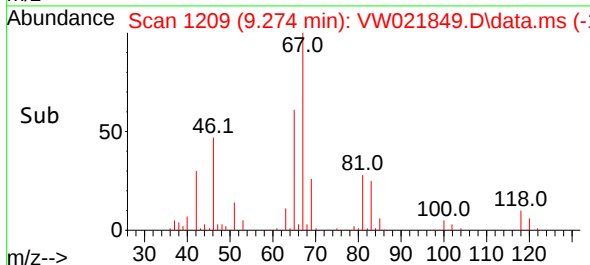
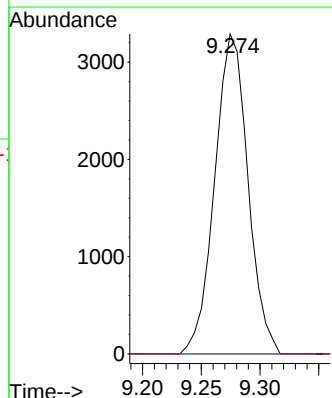
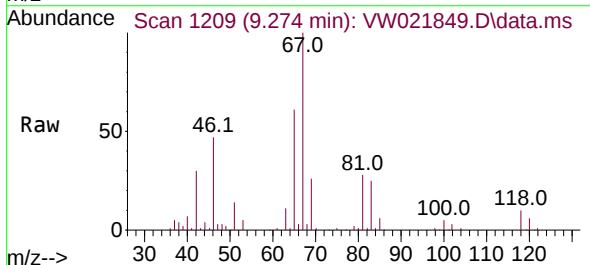
Instrument :
MSVOA_W
ClientSampleId :

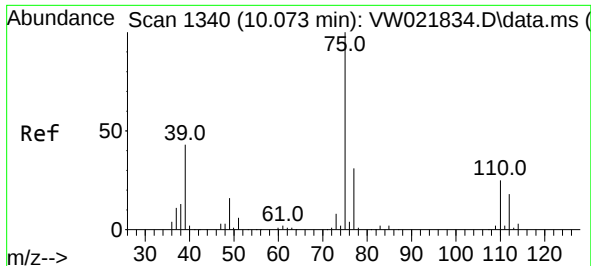
Tgt Ion: 78 Resp: 16089



#37
1,2-Dichloropropane
Concen: 3.290 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021849.D
Acq: 11 Jan 2022 22:08

Tgt Ion: 63 Resp: 6473
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.664 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021849.D

Acq: 11 Jan 2022 22:08

Instrument :

MSVOA_W

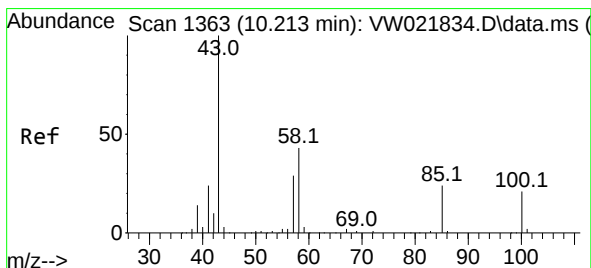
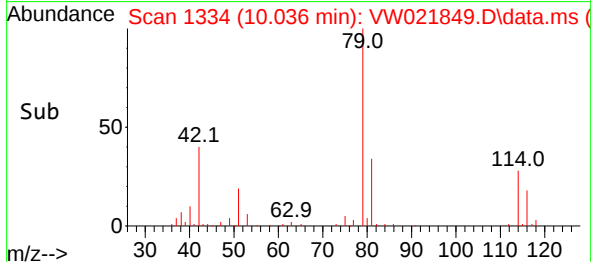
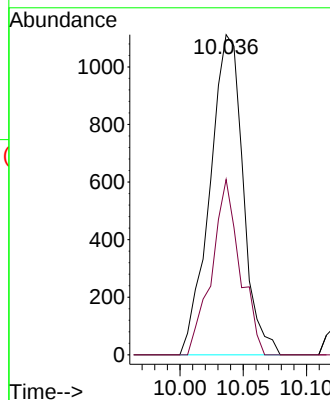
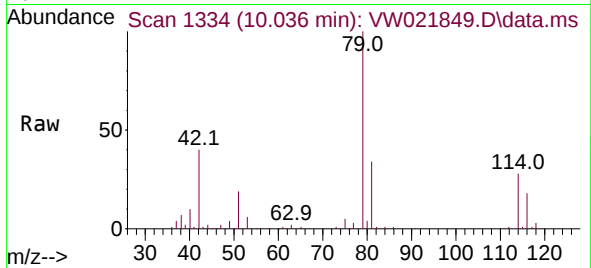
ClientSampleId :

Tgt Ion: 75 Resp: 2031

Ion Ratio Lower Upper

75 100

77 54.8 21.8 40.6#



#40

4-Methyl-2-pentanone

Concen: 8.745 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VW021849.D

Acq: 11 Jan 2022 22:08

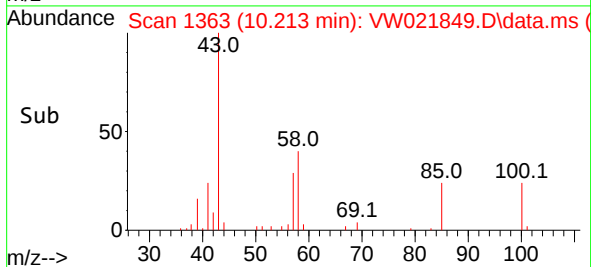
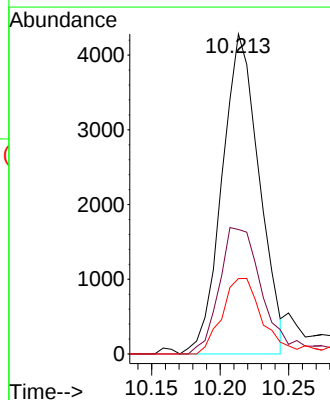
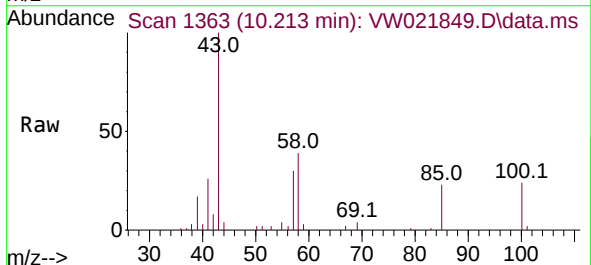
Tgt Ion: 43 Resp: 8083

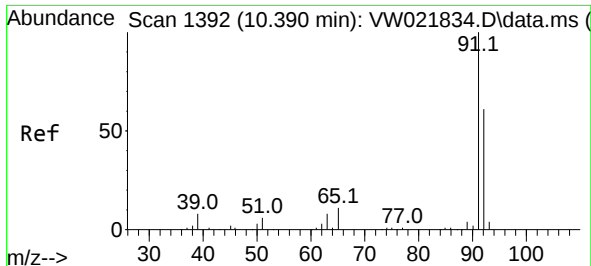
Ion Ratio Lower Upper

43 100

58 44.1 28.8 43.2#

100 25.2 10.0 15.0#

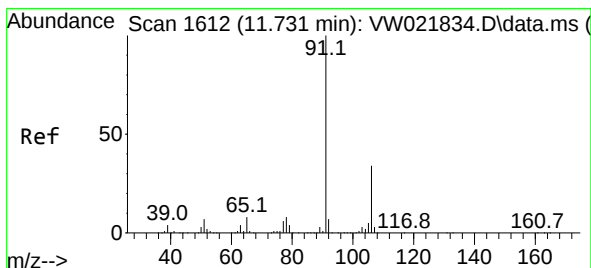
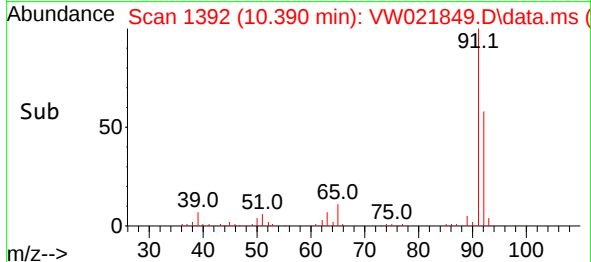
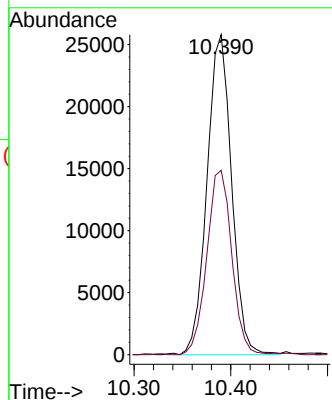
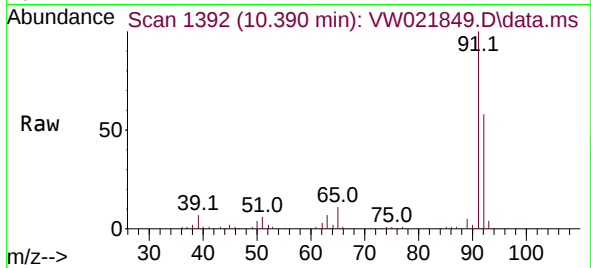




#42
Toluene
Concen: 4.497 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021849.D
Acq: 11 Jan 2022 22:08

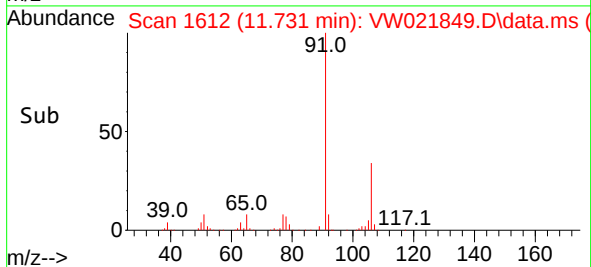
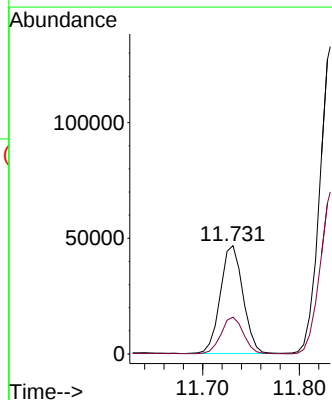
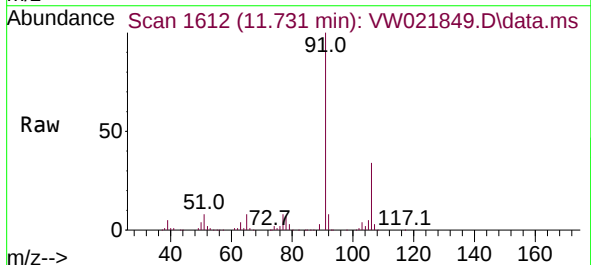
Instrument :
MSVOA_W
ClientSampleId :

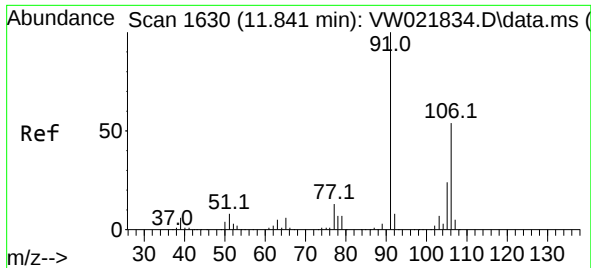
Tgt Ion: 91 Resp: 45551
Ion Ratio Lower Upper
91 100
92 57.6 41.7 77.5



#52
Ethylbenzene
Concen: 6.721 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021849.D
Acq: 11 Jan 2022 22:08

Tgt Ion: 91 Resp: 75634
Ion Ratio Lower Upper
91 100
106 34.0 21.5 39.9

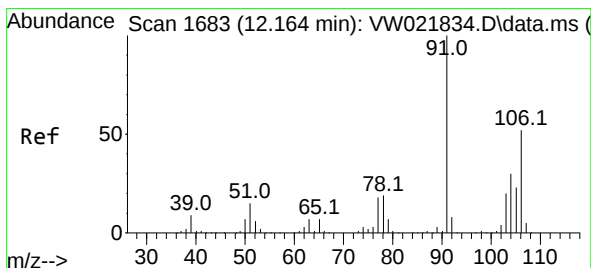
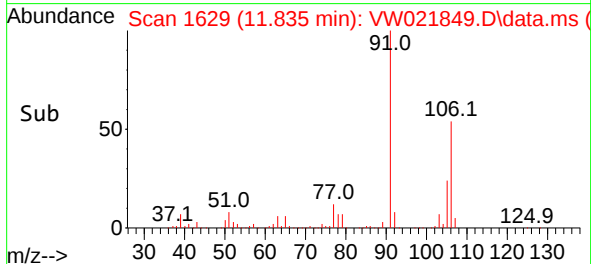
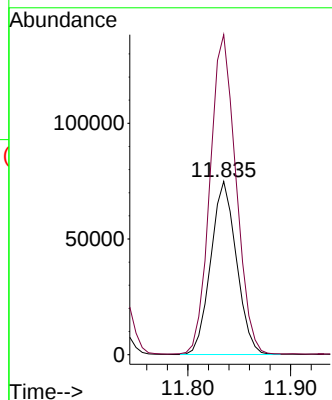
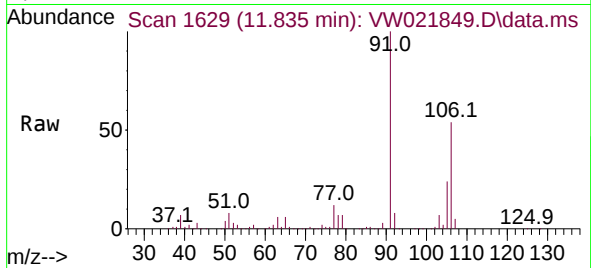




#53
m,p-Xylene
Concen: 27.566 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021849.D
Acq: 11 Jan 2022 22:08

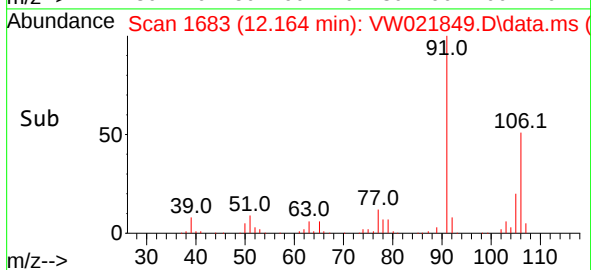
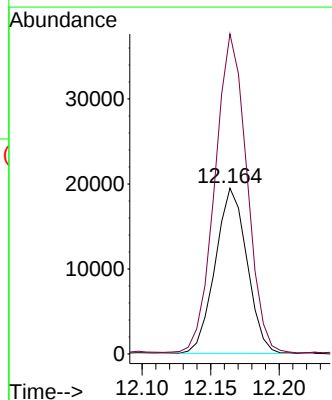
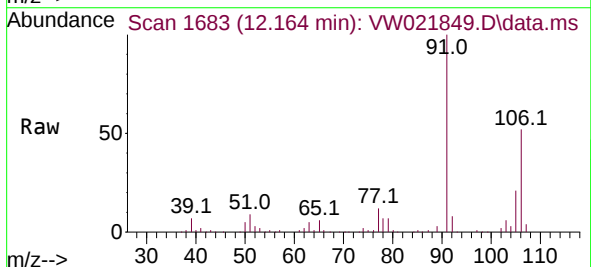
Instrument :
MSVOA_W
ClientSampleId :

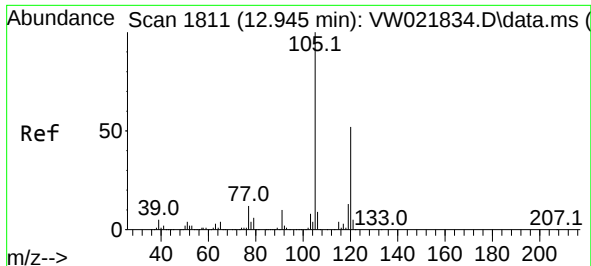
Tgt Ion:106 Resp: 129715
Ion Ratio Lower Upper
106 100
91 184.7 149.9 278.3



#54
o-Xylene
Concen: 7.161 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021849.D
Acq: 11 Jan 2022 22:08

Tgt Ion:106 Resp: 31283
Ion Ratio Lower Upper
106 100
91 193.1 153.6 285.3

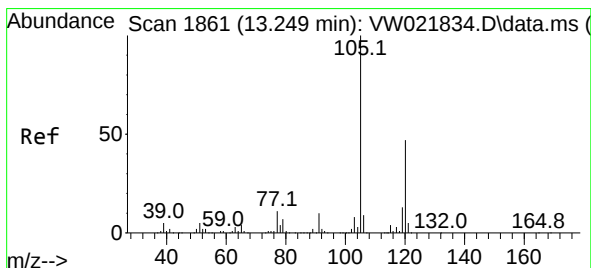
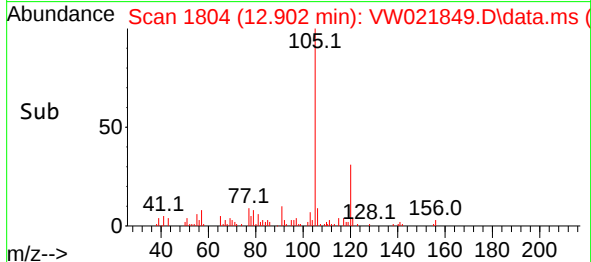
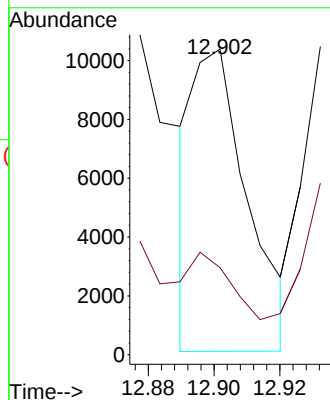
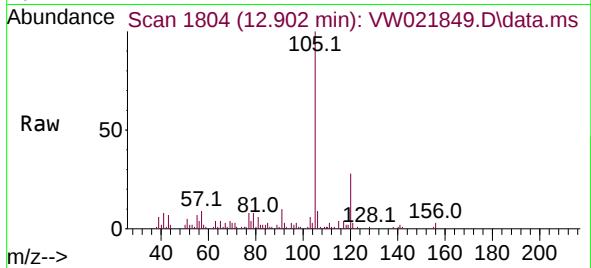




#62
1,3,5-Trimethylbenzene
Concen: 1.144 ug/L
RT: 12.902 min Scan# 1804
Delta R.T. -0.043 min
Lab File: VW021849.D
Acq: 11 Jan 2022 22:08

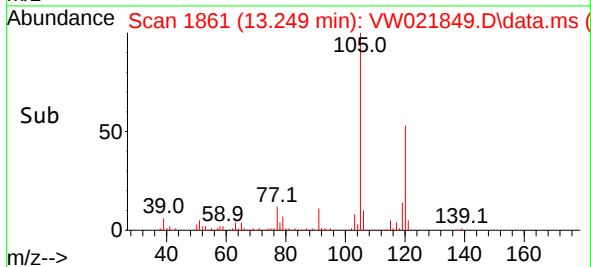
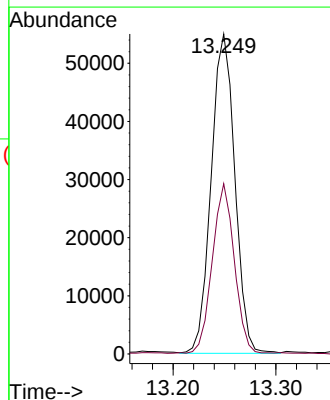
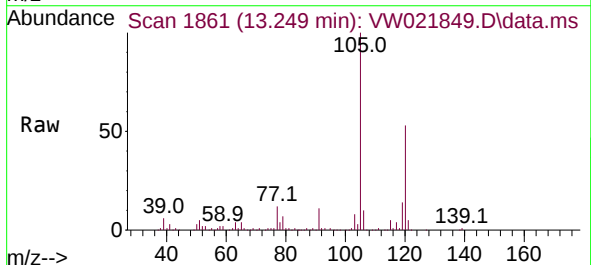
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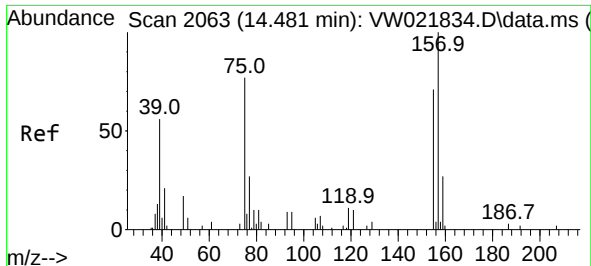
Tgt Ion:105 Resp: 11795
Ion Ratio Lower Upper
105 100
120 37.5 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 8.643 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021849.D
Acq: 11 Jan 2022 22:08

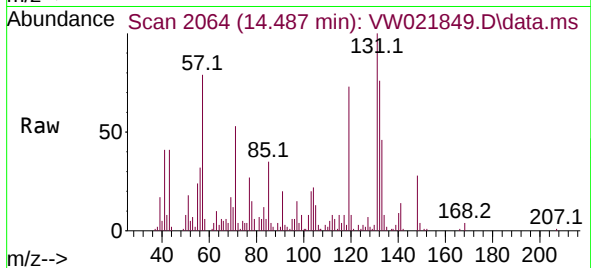
Tgt Ion:105 Resp: 87861
Ion Ratio Lower Upper
105 100
120 49.9 35.0 52.6



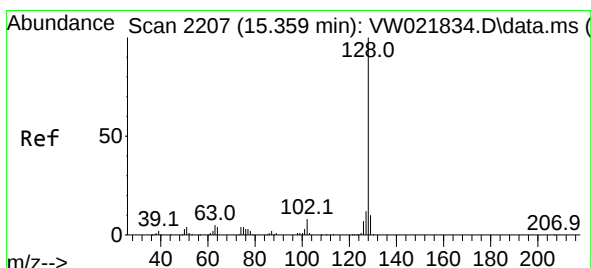
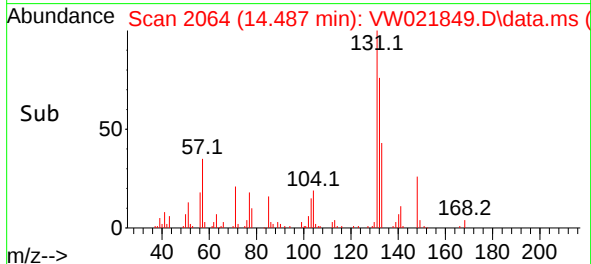
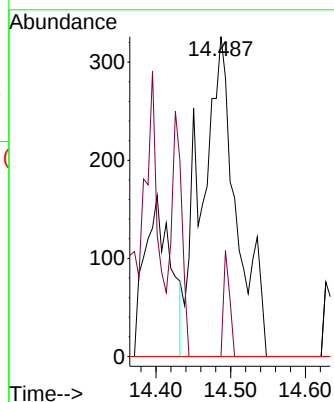


#68
1,2-Dibromo-3-chloropropane
Concen: 4.186 ug/L
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW021849.D
Acq: 11 Jan 2022 22:08

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 75 Resp: 1056
Ion Ratio Lower Upper
75 100
155 0.0 54.2 81.2#
157 0.0 69.4 104.2#



#71
Naphthalene
Concen: 115.070 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW021849.D
Acq: 11 Jan 2022 22:08

Tgt Ion: 128 Resp: 657890
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.7 8.6 12.8

