

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
 Data File : VW026841.D
 Acq On : 24 Aug 2023 01:45
 Operator : SY/MD
 Sample : 04113-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 04:50:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

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

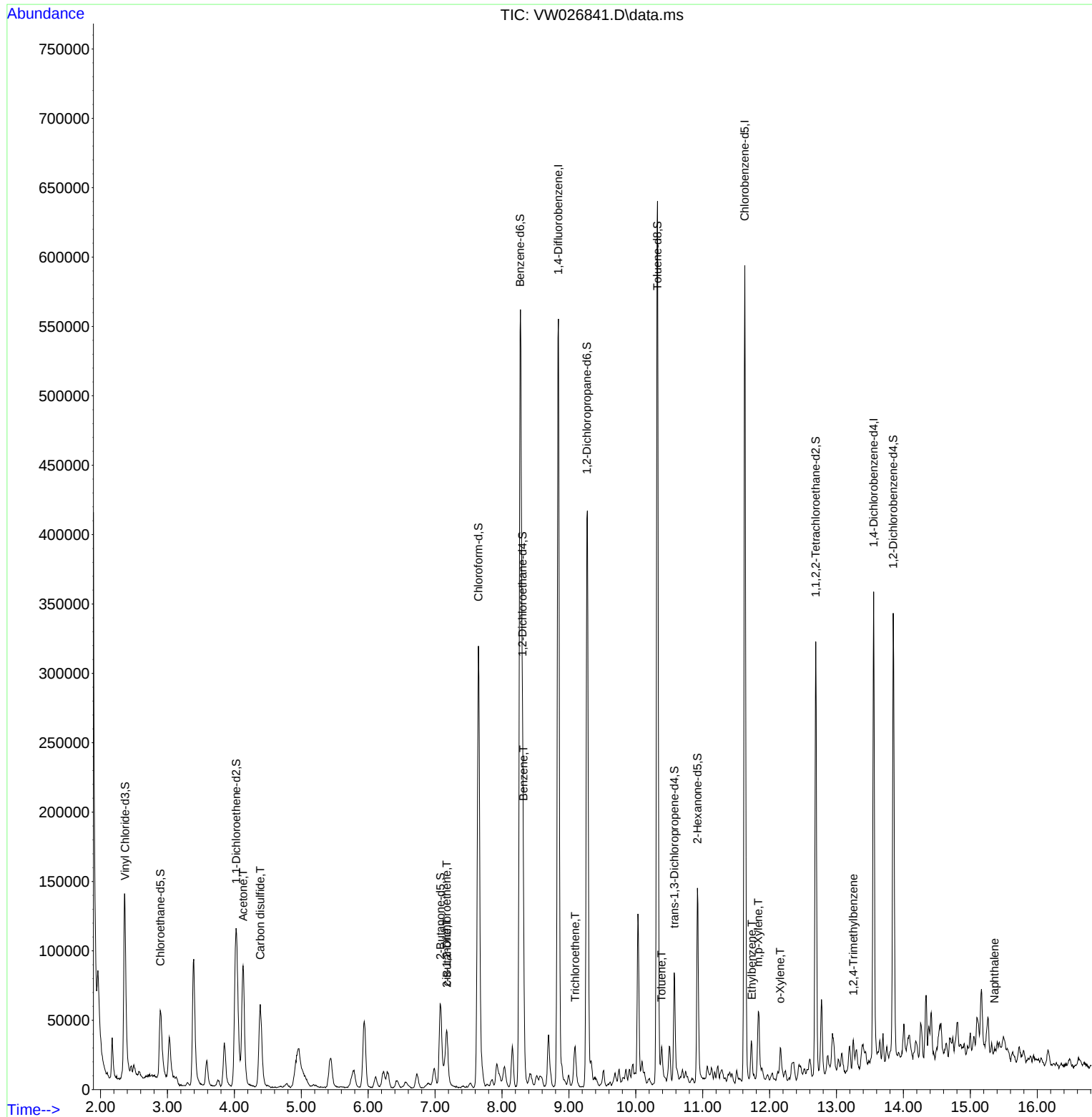
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	444154	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	315764	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	88214	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	79967	10.952	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	43.800%		
7) Chloroethane-d5	2.893	69	79669	14.674	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.680%		
11) 1,1-Dichloroethene-d2	4.027	65	49339	13.739	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.960%		
21) 2-Butanone-d5	7.081	46	103695	49.412	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.820%		
24) Chloroform-d	7.648	84	320225	21.481	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.920%		
26) 1,2-Dichloroethane-d4	8.307	65	177563	21.584	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.320%		
32) Benzene-d6	8.270	84	575128	26.428	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.720%		
36) 1,2-Dichloropropane-d6	9.270	67	193190	28.499	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	114.000%		
41) Toluene-d8	10.325	98	413860	22.154	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.600%		
43) trans-1,3-Dichloroprop...	10.575	79	41249	14.738	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	58.960%		
47) 2-Hexanone-d5	10.922	63	45288	63.581	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	127.160%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	151301	28.263	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.040%		
66) 1,2-Dichlorobenzene-d4	13.848	152	82825	26.232	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	104.920%		
Target Compounds					Qvalue	
13) Acetone	4.131	43	155367	74.460	ug/L	99
14) Carbon disulfide	4.387	76	143356	6.070	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	7654	0.972	ug/L	90
22) 2-Butanone	7.179	43	41253	13.416	ug/L	95
33) Benzene	8.319	78	29211	1.270	ug/L	100
34) Trichloroethene	9.093	95	7425	1.268	ug/L	93
42) Toluene	10.386	91	16526	0.710	ug/L	98
52) Ethylbenzene	11.733	91	14524	0.557	ug/L	100
53) m,p-Xylene	11.831	106	13065	1.352	ug/L	89
54) o-Xylene	12.160	106	6071	0.673	ug/L	91
63) 1,2,4-Trimethylbenzene	13.251	105	10386	1.022	ug/L	98
71) Naphthalene	15.360	128	5780	0.927	ug/L #	83

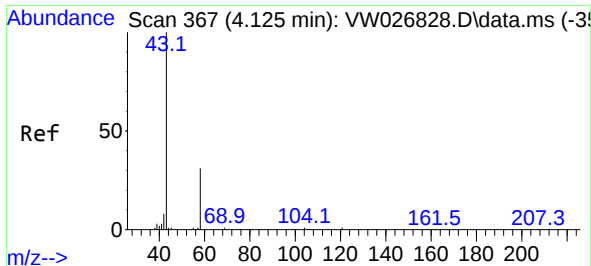
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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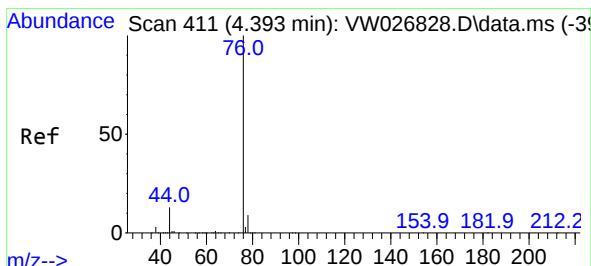
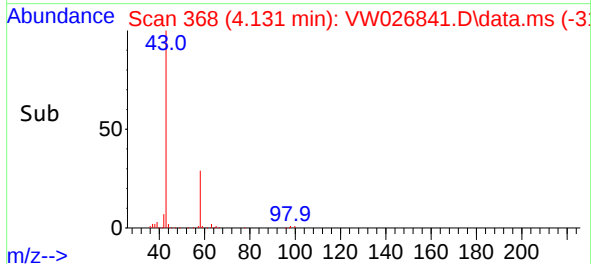
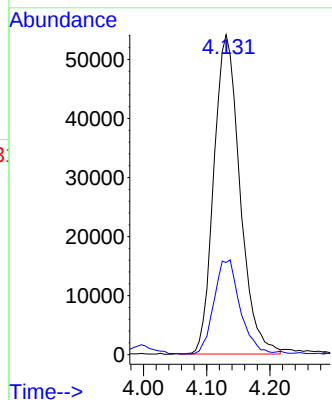
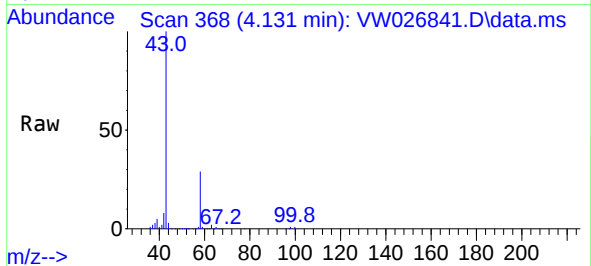




#13
Acetone
Concen: 74.460 ug/L
RT: 4.131 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

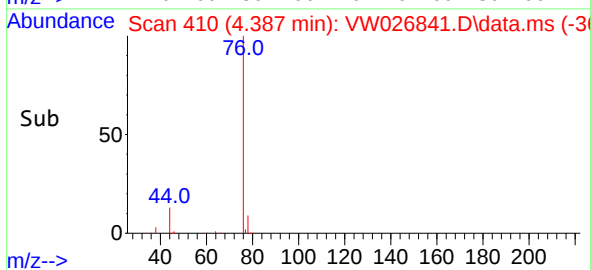
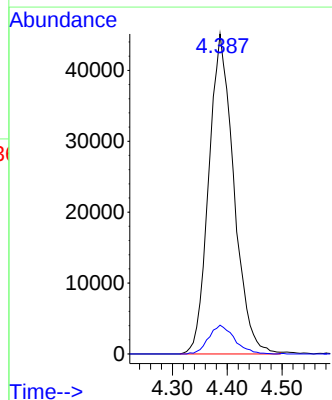
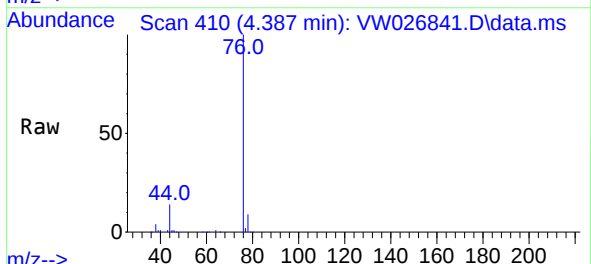
Instrument :
MSVOA_W
ClientSampleId :

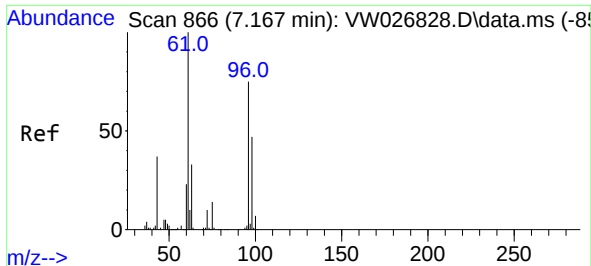
Tgt Ion: 43 Resp: 155367
Ion Ratio Lower Upper
43 100
58 29.5 0.0 57.4



#14
Carbon disulfide
Concen: 6.070 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

Tgt Ion: 76 Resp: 143356
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

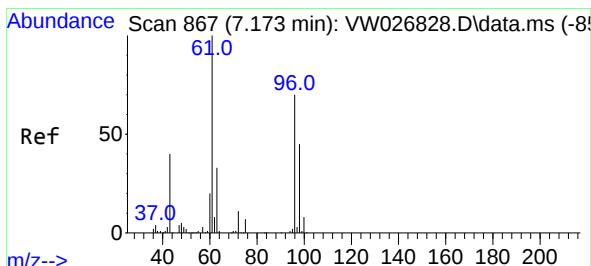
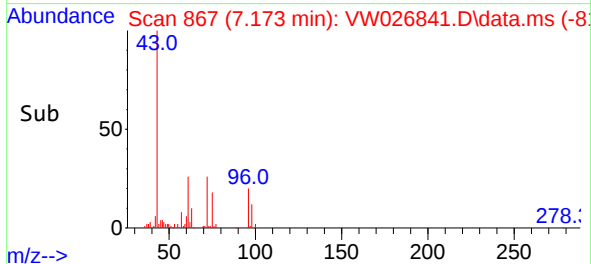
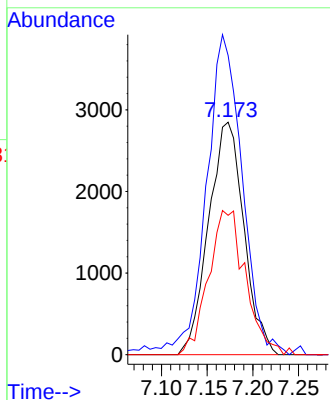
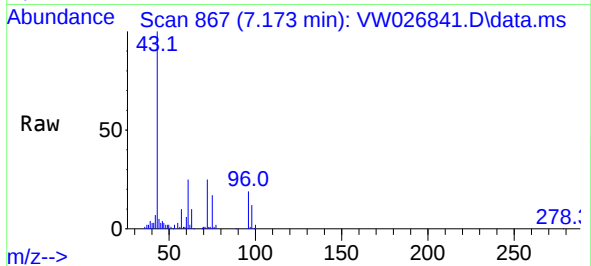




#20
cis-1,2-Dichloroethene
Concen: 0.972 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

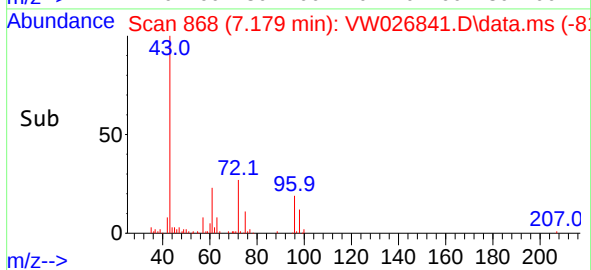
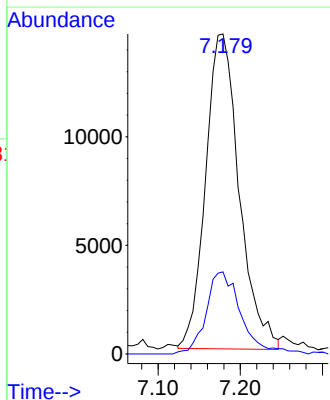
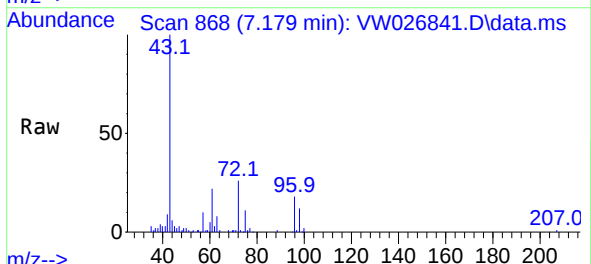
Instrument :
MSVOA_W
ClientSampleId :

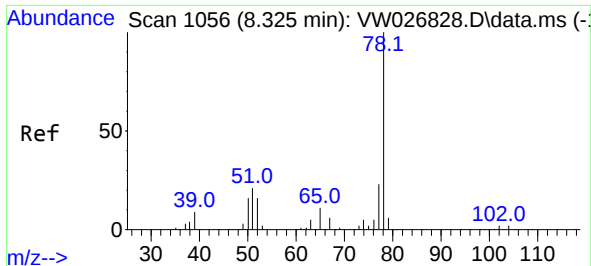
Tgt Ion: 96 Resp: 7654
Ion Ratio Lower Upper
96 100
61 128.7 101.2 188.0
98 59.9 43.8 81.3



#22
2-Butanone
Concen: 13.416 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

Tgt Ion: 43 Resp: 41253
Ion Ratio Lower Upper
43 100
72 25.9 11.8 35.4

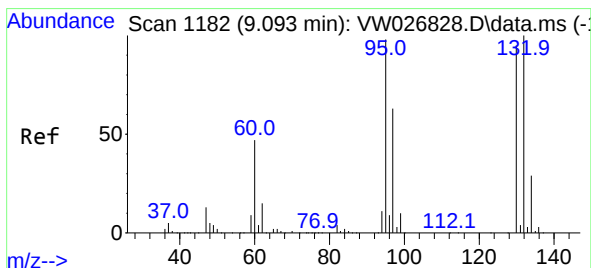
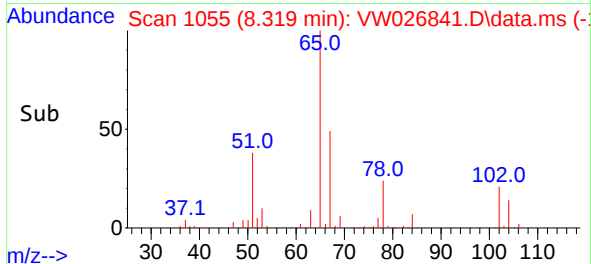
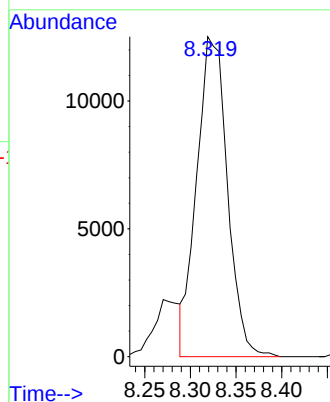
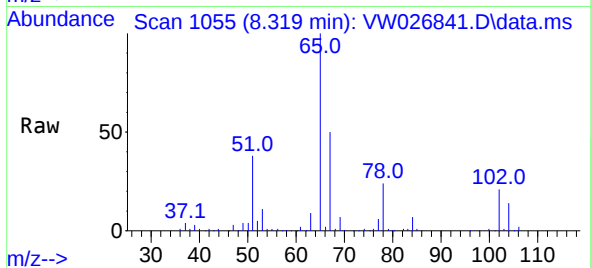




#33
Benzene
Concen: 1.270 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

Instrument :
MSVOA_W
ClientSampleId :

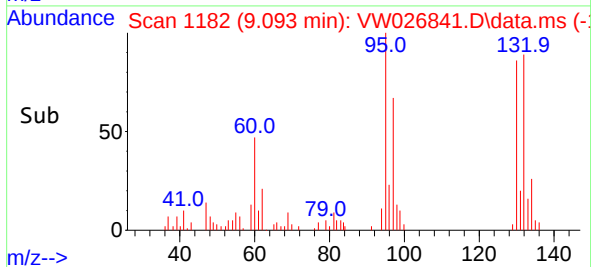
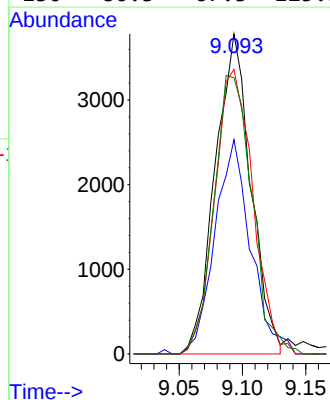
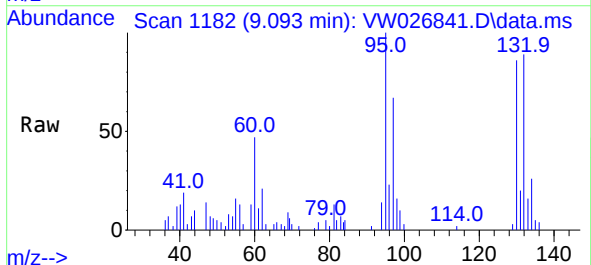
Tgt Ion: 78 Resp: 29211

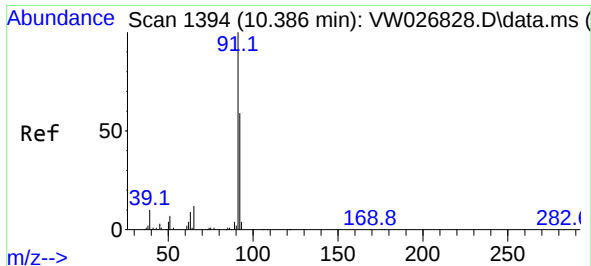


#34
Trichloroethene
Concen: 1.268 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

Tgt Ion: 95 Resp: 7425

Ion	Ratio	Lower	Upper
95	100		
97	67.0	44.6	82.8
132	88.9	66.4	123.2
130	86.3	67.3	125.1

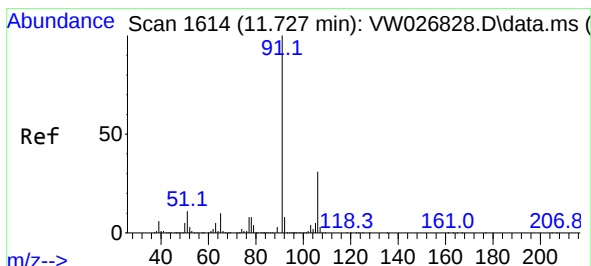
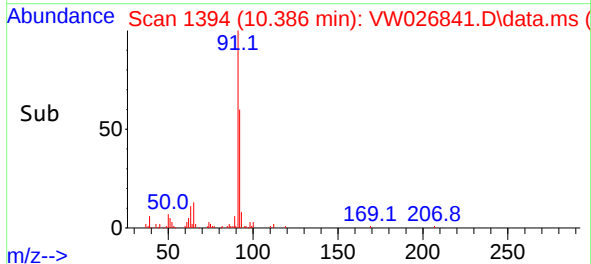
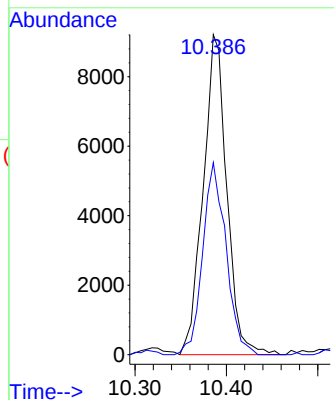
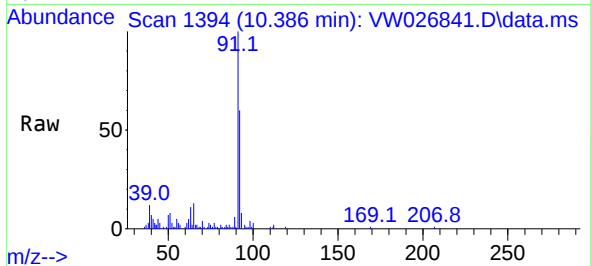




#42
Toluene
Concen: 0.710 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

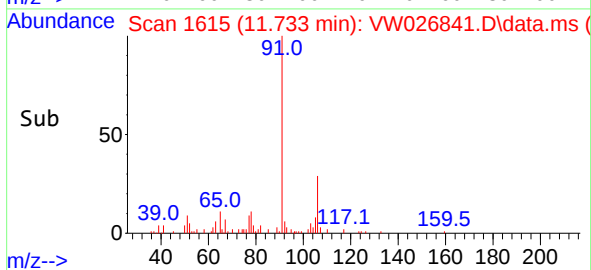
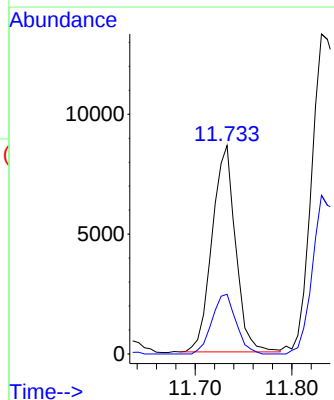
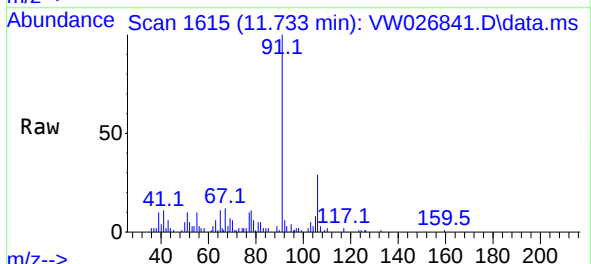
Instrument :
MSVOA_W
ClientSampleId :

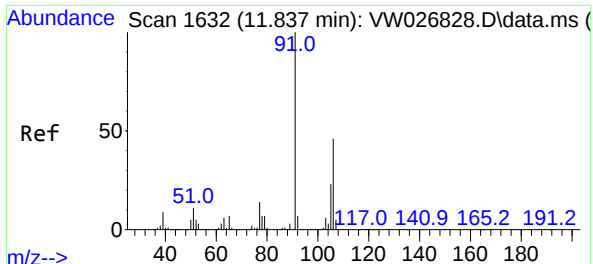
Tgt Ion: 91 Resp: 16526
Ion Ratio Lower Upper
91 100
92 60.0 40.8 75.8



#52
Ethylbenzene
Concen: 0.557 ug/L
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

Tgt Ion: 91 Resp: 14524
Ion Ratio Lower Upper
91 100
106 28.6 20.2 37.6

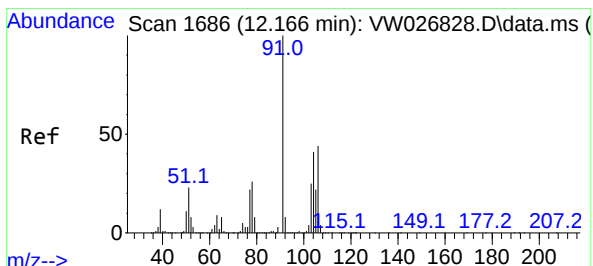
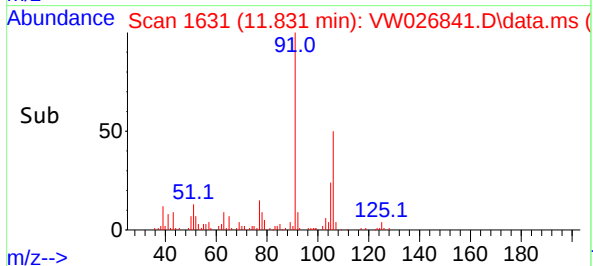
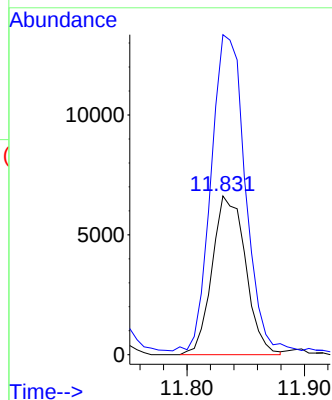
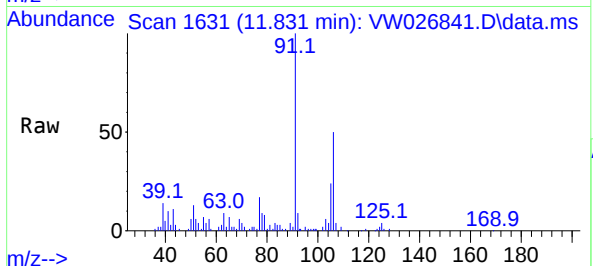




#53
m,p-Xylene
Concen: 1.352 ug/L
RT: 11.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

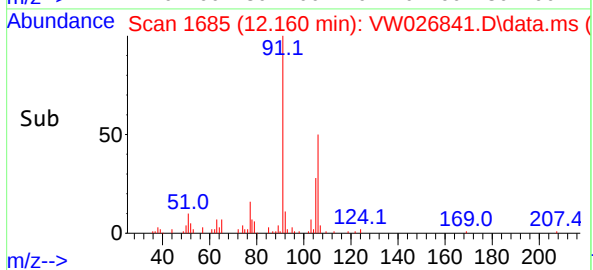
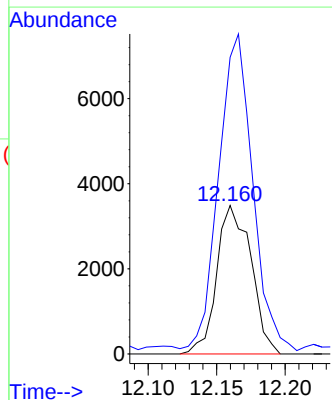
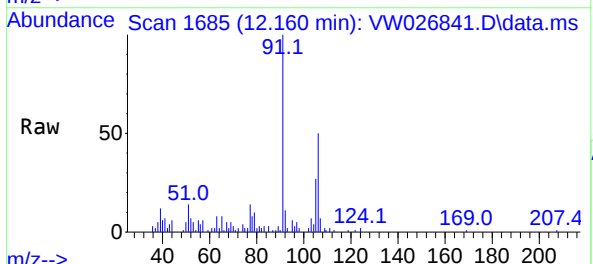
Instrument :
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ClientSampleId :

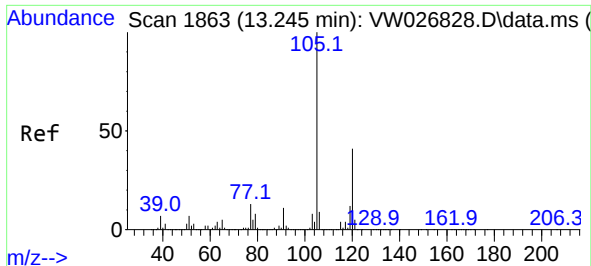
Tgt Ion:106 Resp: 13065
Ion Ratio Lower Upper
106 100
91 201.6 152.9 284.1



#54
o-Xylene
Concen: 0.673 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

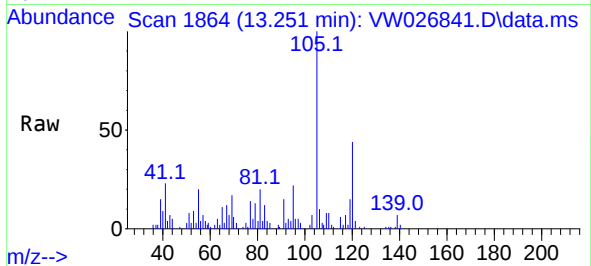
Tgt Ion:106 Resp: 6071
Ion Ratio Lower Upper
106 100
91 199.8 149.9 278.3



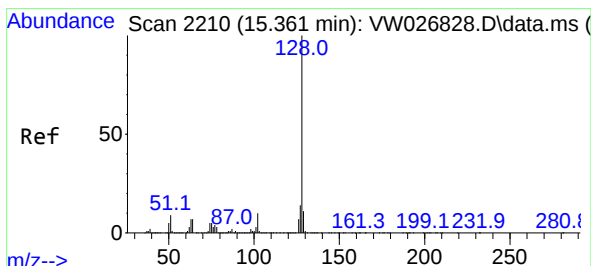
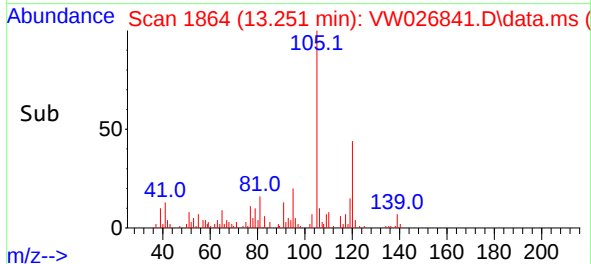
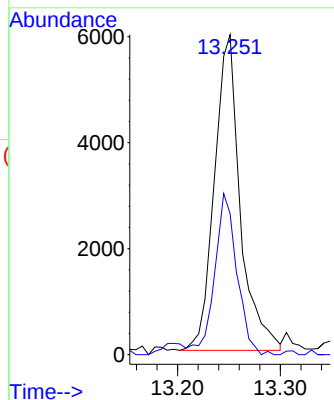


#63
1,2,4-Trimethylbenzene
Concen: 1.022 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

Instrument :
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Tgt Ion:105 Resp: 10386
Ion Ratio Lower Upper
105 100
120 43.7 36.2 54.4



#71
Naphthalene
Concen: 0.927 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026841.D
Acq: 24 Aug 2023 01:45

Tgt Ion:128 Resp: 5780
Ion Ratio Lower Upper
128 100
127 18.4 10.7 16.1#
129 3.0 9.0 13.4#

