

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
 Data File : VW030184.D
 Acq On : 20 Sep 2024 18:50
 Operator : SY/MD
 Sample : 4109-20
 Misc : 4.93g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 23:57:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 20 23:43:18 2024
 Response via : Initial Calibration

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

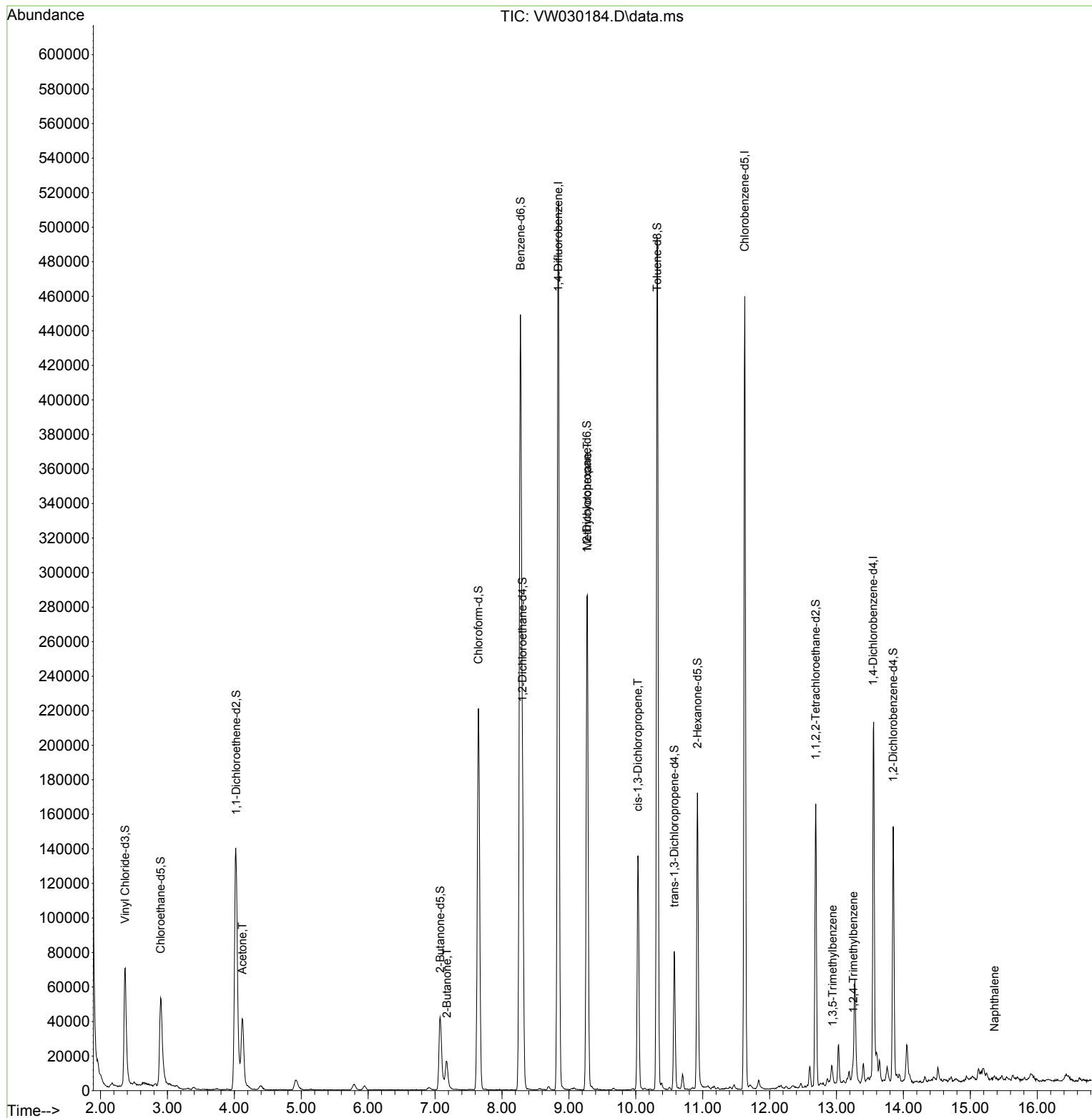
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	455950	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	263480	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	59586	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	106518	18.090	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.360%
7) Chloroethane-d5	2.899	69	87611	21.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
11) 1,1-Dichloroethene-d2	4.027	65	51225	17.411	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.640%
21) 2-Butanone-d5	7.075	46	72493	50.845	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.700%
24) Chloroform-d	7.648	84	237019	18.906	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.640%
26) 1,2-Dichloroethane-d4	8.307	65	130112	20.668	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.680%
32) Benzene-d6	8.276	84	473465	31.193	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.760%
36) 1,2-Dichloropropane-d6	9.270	67	143909	30.707	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.840%#
41) Toluene-d8	10.319	98	345254	25.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	10.575	79	47023	25.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.160%
47) 2-Hexanone-d5	10.922	63	61440	85.675	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.360%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84404	24.191	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	39735	19.644	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.560%
Target Compounds						
					Qvalue	
13) Acetone	4.119	43	65886	40.278	ug/L	97
22) 2-Butanone	7.179	43	25318	13.075	ug/L	92
35) Methylcyclohexane	9.276	83	34902	5.206	ug/L #	19
39) cis-1,3-Dichloropropene	10.032	75	3136	0.491	ug/L #	47
62) 1,3,5-Trimethylbenzene	12.940	105	1918	0.298	ug/L	95
63) 1,2,4-Trimethylbenzene	13.251	105	4978	0.745	ug/L	88
71) Naphthalene	15.360	128	2144	0.537	ug/L #	86

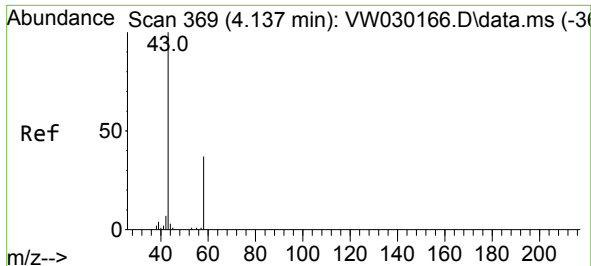
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 40.278 ug/L

RT: 4.119 min Scan# 30

Delta R.T. -0.018 min

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Instrument :

MSVOA_W

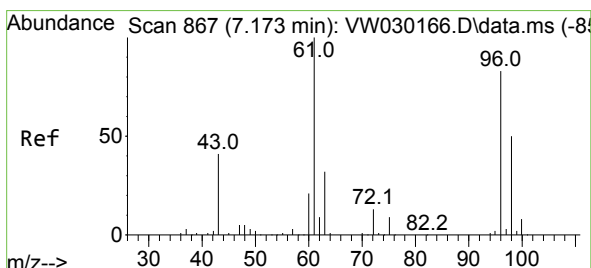
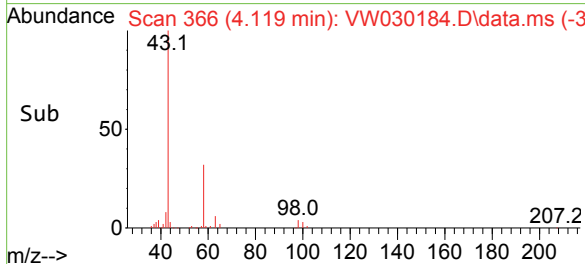
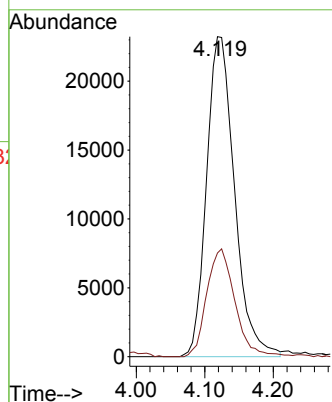
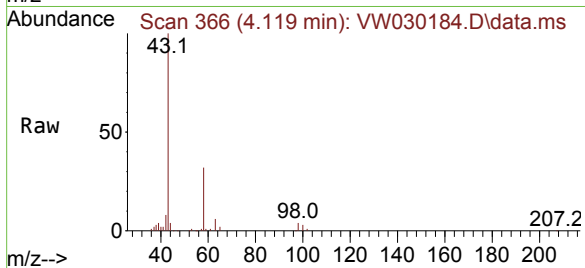
ClientSampleId :

Tgt Ion: 43 Resp: 65886

Ion Ratio Lower Upper

43 100

58 33.9 0.0 65.0



#22

2-Butanone

Concen: 13.075 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.006 min

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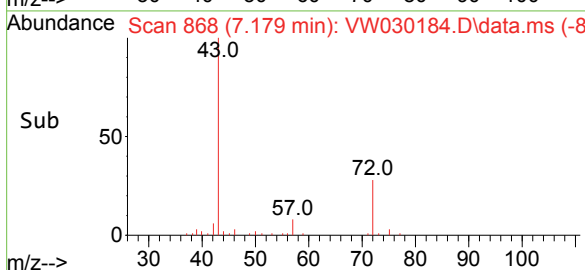
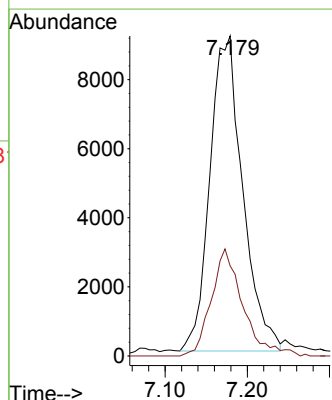
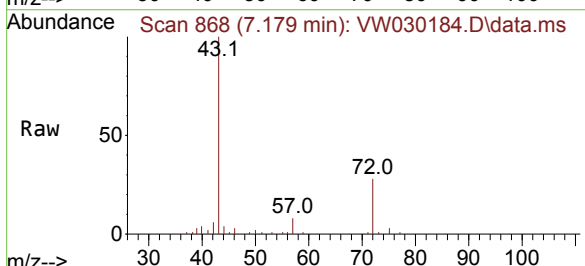
Acq: 20 Sep 2024 18:50

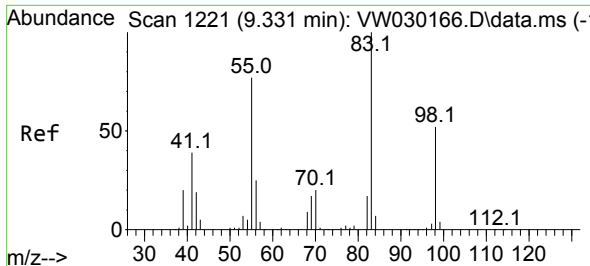
Tgt Ion: 43 Resp: 25318

Ion Ratio Lower Upper

43 100

72 32.0 13.9 41.7

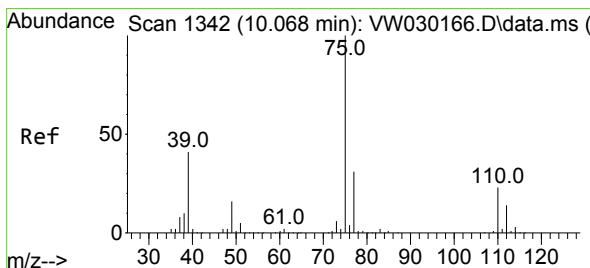
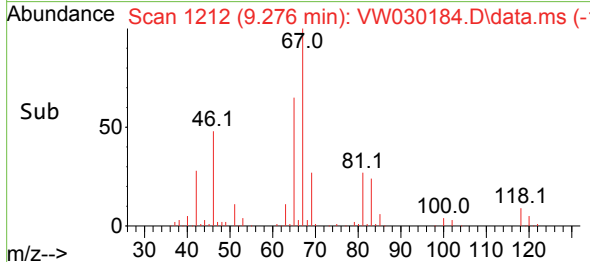
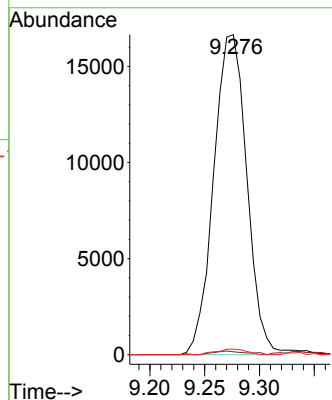
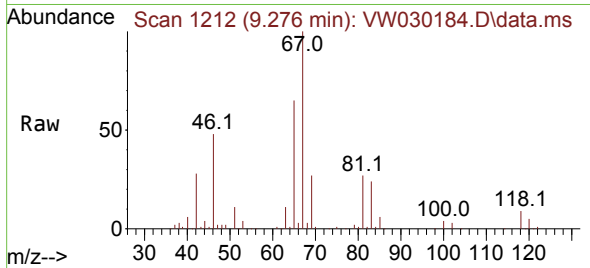




#35
Methylcyclohexane
Concen: 5.206 ug/L
RT: 9.276 min Scan# 11
Delta R.T. -0.055 min
Lab File: VW030184.D
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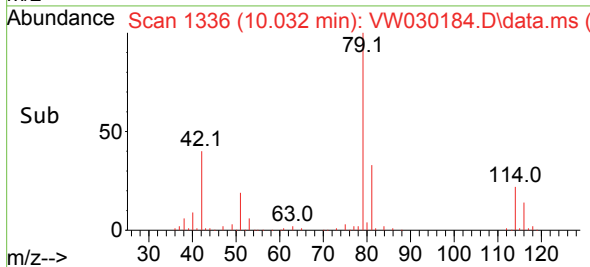
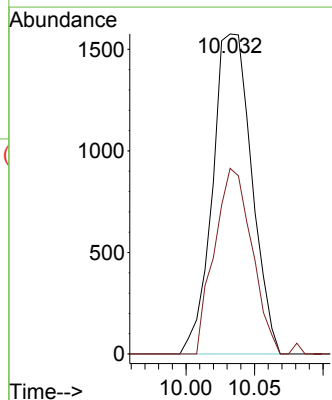
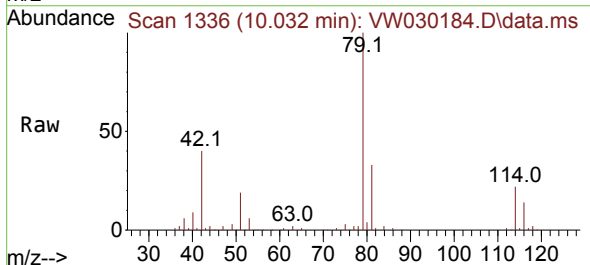
Instrument :
MSVOA_W
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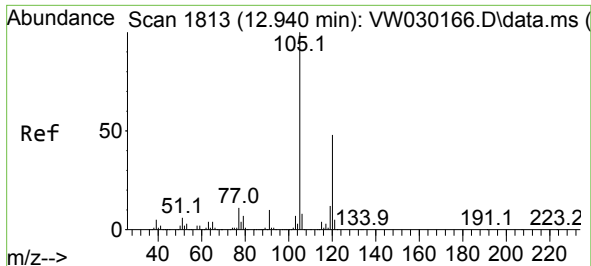
Tgt Ion: 83 Resp: 34902
Ion Ratio Lower Upper
83 100
55 1.0 63.0 94.6#
98 1.6 38.7 58.1#



#39
cis-1,3-Dichloropropene
Concen: 0.491 ug/L
RT: 10.032 min Scan# 1336
Delta R.T. -0.036 min
Lab File: VW030184.D
Acq: 20 Sep 2024 18:50

Tgt Ion: 75 Resp: 3136
Ion Ratio Lower Upper
75 100
77 58.0 20.7 38.5#

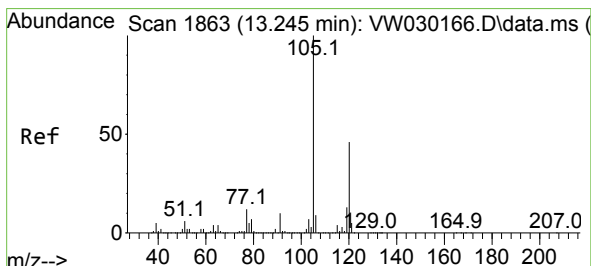
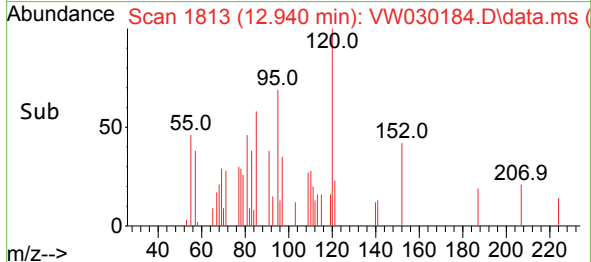
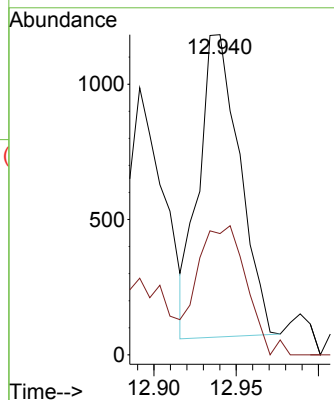
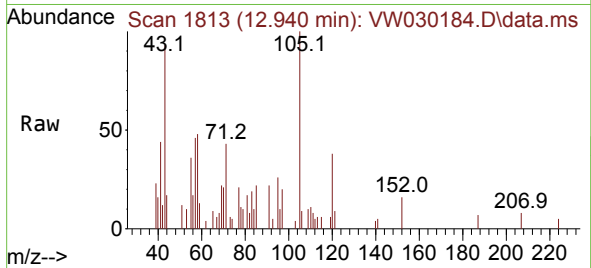




#62
 1,3,5-Trimethylbenzene
 Concen: 0.298 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW030184.D
 Acq: 20 Sep 2024 18:50

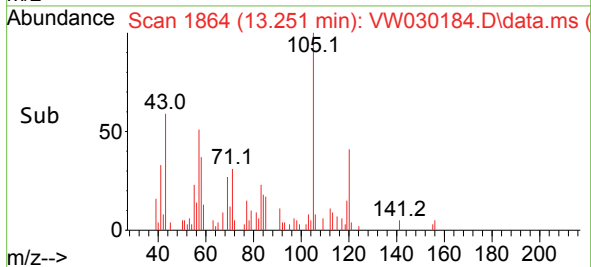
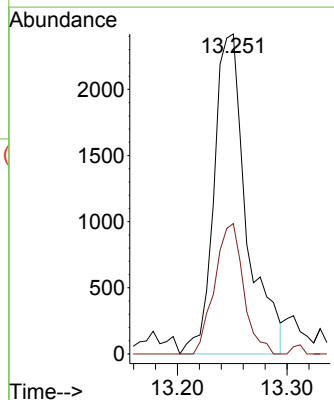
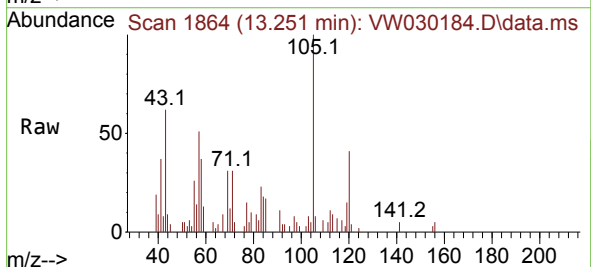
Instrument :
 MSVOA_W
 ClientSampleId :

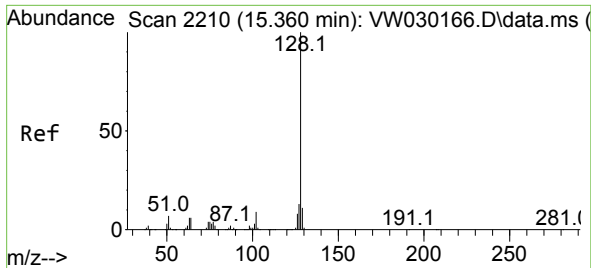
Tgt Ion:105 Resp: 1918
 Ion Ratio Lower Upper
 105 100
 120 50.0 37.3 55.9



#63
 1,2,4-Trimethylbenzene
 Concen: 0.745 ug/L
 RT: 13.251 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VW030184.D
 Acq: 20 Sep 2024 18:50

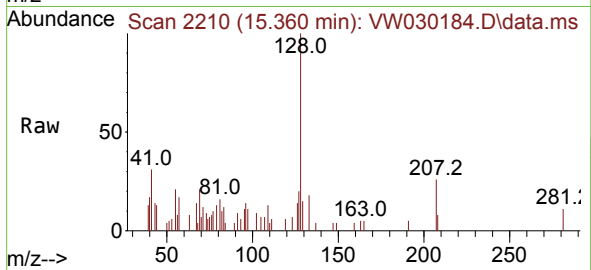
Tgt Ion:105 Resp: 4978
 Ion Ratio Lower Upper
 105 100
 120 36.1 34.8 52.2





#71
Naphthalene
Concen: 0.537 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030184.D
Acq: 20 Sep 2024 18:50

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	22.1	10.1	15.1#
129	11.0	8.4	12.6

