

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031534.D
 Acq On : 26 Dec 2024 17:23
 Operator : SY/MD
 Sample : P5378-02
 Misc : 5.64g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:27:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

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

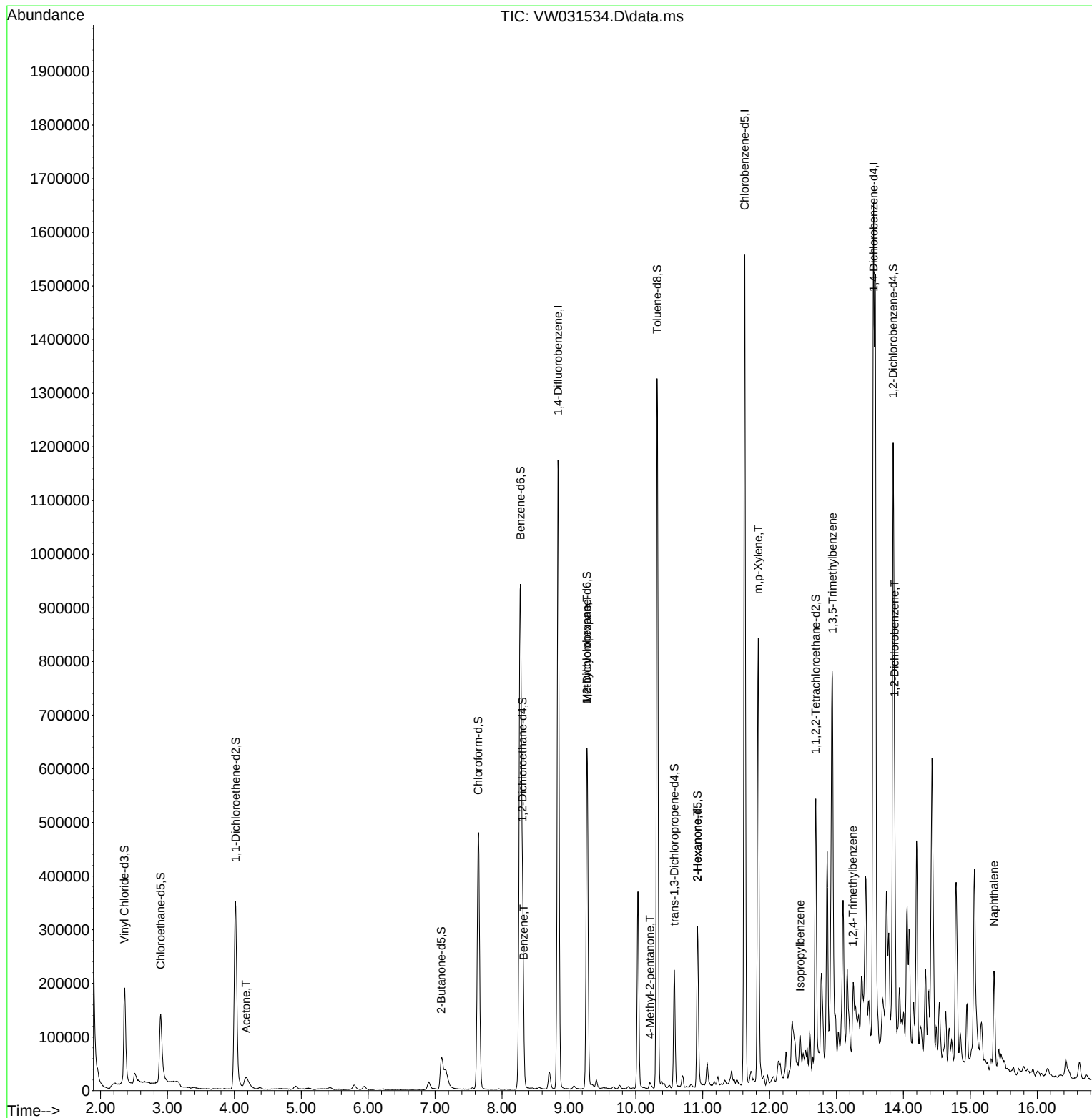
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	987941	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	839509	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	391925	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	248906	16.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.960%
7) Chloroethane-d5	2.899	69	203636	18.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.080%
11) 1,1-Dichloroethene-d2	4.021	65	112529	15.959	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.840%
21) 2-Butanone-d5	7.094	46	127899	45.688	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.380%
24) Chloroform-d	7.642	84	486560	17.975	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.880%
26) 1,2-Dichloroethane-d4	8.307	65	277348	20.402	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	8.276	84	984121	18.290	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.160%
36) 1,2-Dichloropropane-d6	9.270	67	295802	18.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.440%
41) Toluene-d8	10.319	98	887420	17.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.920%
43) trans-1,3-Dichloroprop...	10.575	79	120998	16.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.920%
47) 2-Hexanone-d5	10.922	63	104692	49.642	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231499	23.511	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	272842	18.752	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.000%
Target Compounds	Qvalue					
13) Acetone	4.173	43	66805	17.136	ug/L #	100
33) Benzene	8.325	78	26026	0.502	ug/L	100
35) Methylcyclohexane	9.270	83	73675	2.888	ug/L #	18
40) 4-Methyl-2-pentanone	10.215	43	7852	1.144	ug/L	99
48) 2-Hexanone	10.922	43	16087	2.755	ug/L #	66
53) m,p-Xylene	11.831	106	227542	9.131	ug/L	99
60) Isopropylbenzene	12.458	105	33177	0.517	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	270339	4.972	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	38026	0.724	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	36062	1.611	ug/L	93
71) Naphthalene	15.354	128	164701	6.205	ug/L	97

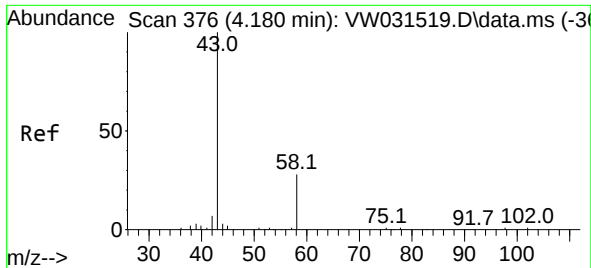
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 27 00:21:46 2024
Response via : Initial Calibration

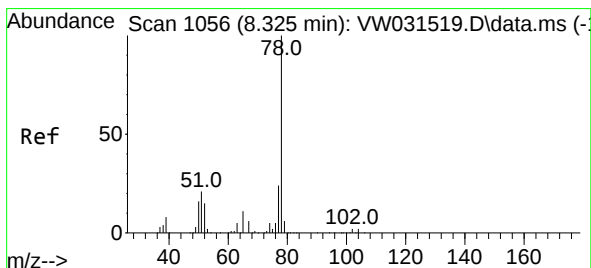
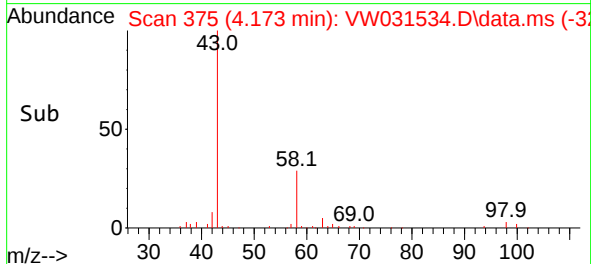
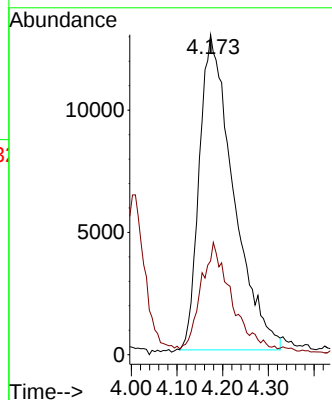
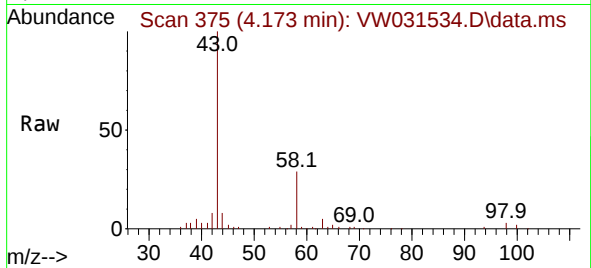




#13
Acetone
Concen: 17.136 ug/L
RT: 4.173 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031534.D
Acq: 26 Dec 2024 17:23

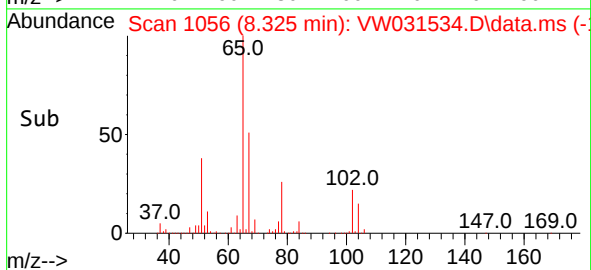
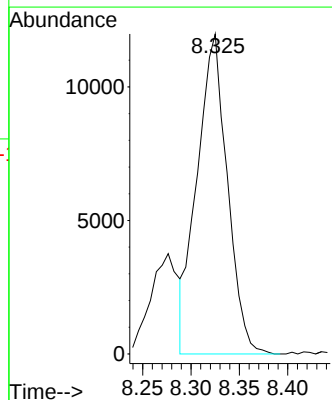
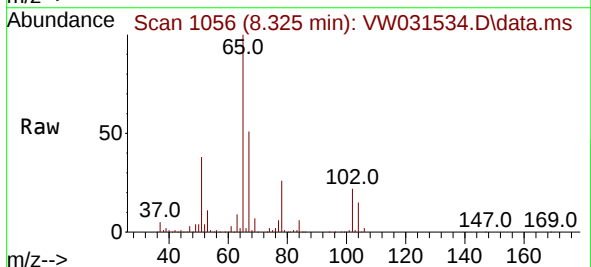
Instrument :
MSVOA_W
ClientSampleId :

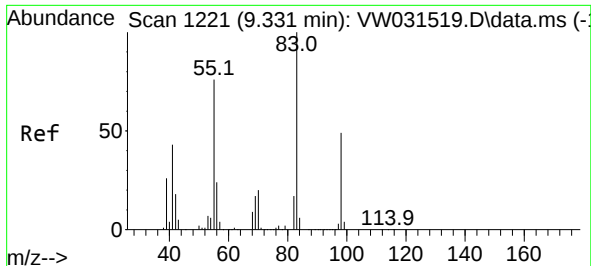
Tgt Ion: 43 Resp: 66805
Ion Ratio Lower Upper
43 100
58 21.9 0.0 0.0#



#33
Benzene
Concen: 0.502 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031534.D
Acq: 26 Dec 2024 17:23

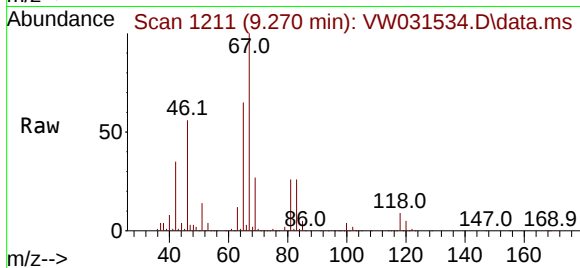
Tgt Ion: 78 Resp: 26026



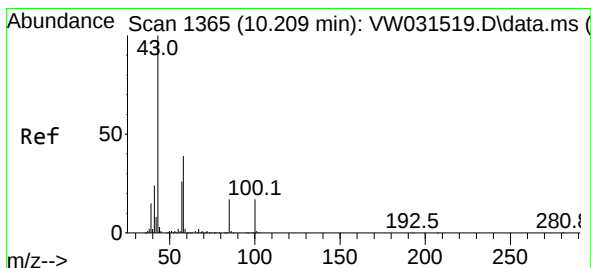
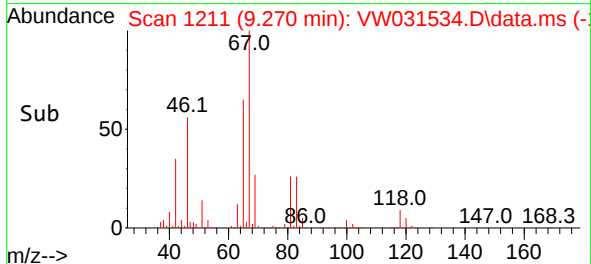
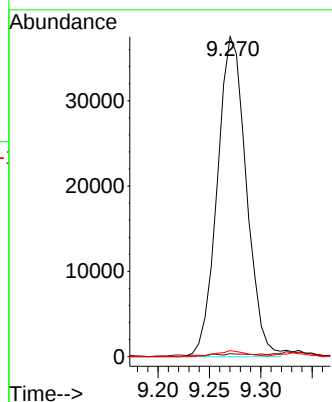


#35
Methylcyclohexane
Concen: 2.888 ug/L
RT: 9.270 min Scan# 1211
Delta R.T. -0.061 min
Lab File: VW031534.D
Acq: 26 Dec 2024 17:23

Instrument :
MSVOA_W
ClientSampleId :

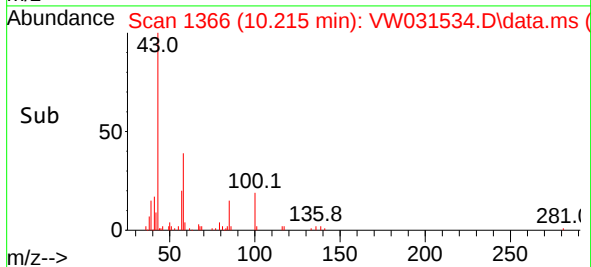
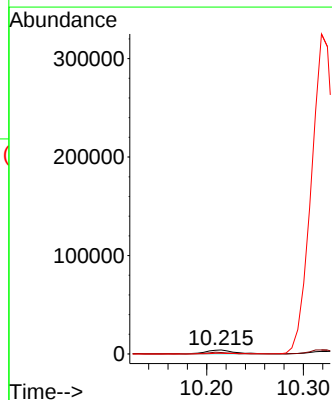
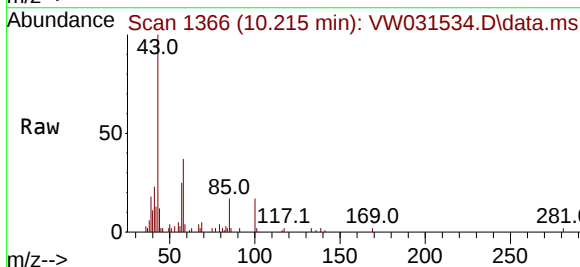


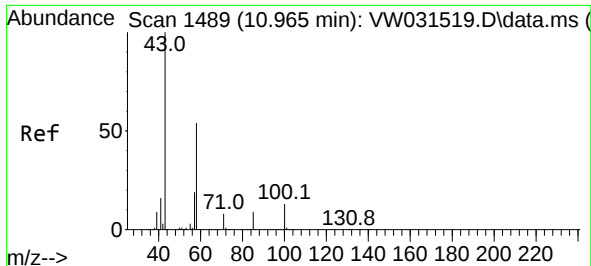
Tgt Ion: 83 Resp: 73675
Ion Ratio Lower Upper
83 100
55 0.4 62.6 93.8#
98 1.9 39.8 59.6#



#40
4-Methyl-2-pentanone
Concen: 1.144 ug/L
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW031534.D
Acq: 26 Dec 2024 17:23

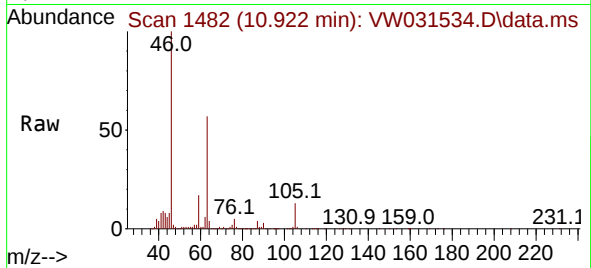
Tgt Ion: 43 Resp: 7852
Ion Ratio Lower Upper
43 100
58 39.7 31.1 46.7
100 16.5 13.0 19.6



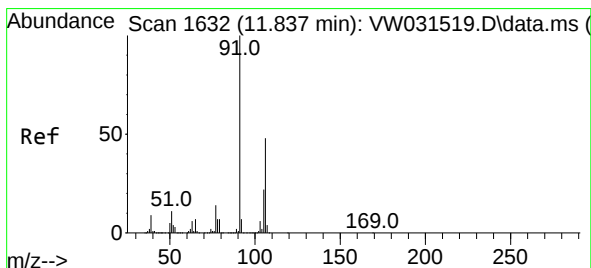
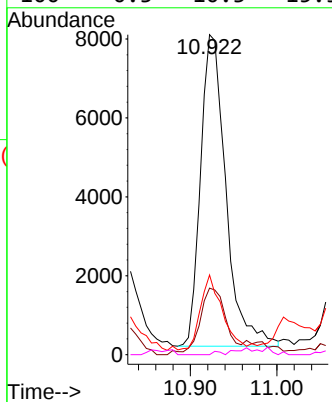
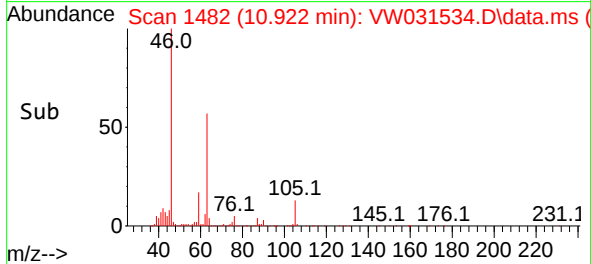


#48
2-Hexanone
Concen: 2.755 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW031534.D
Acq: 26 Dec 2024 17:23

Instrument :
MSVOA_W
ClientSampleId :

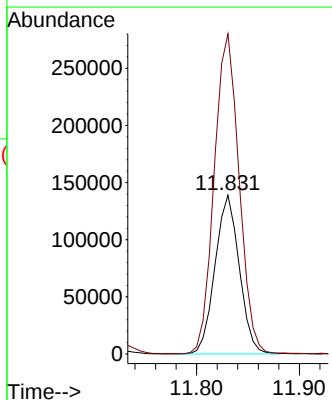
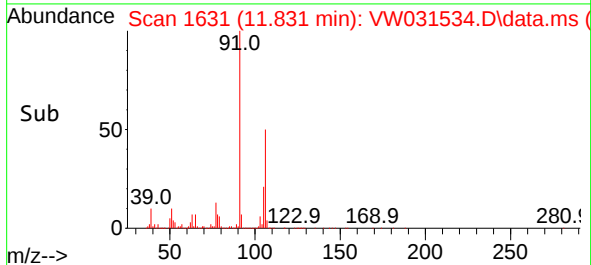
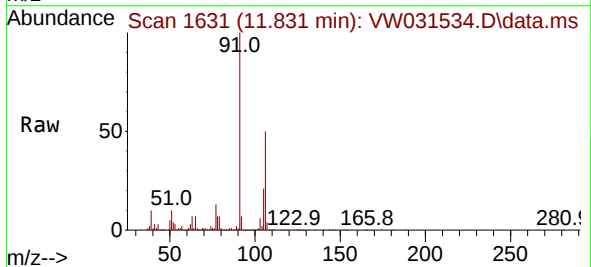


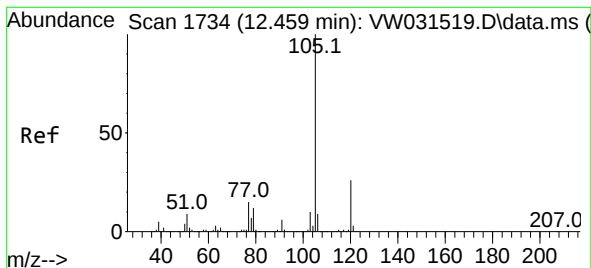
Tgt Ion: 43 Resp: 16087
Ion Ratio Lower Upper
43 100
58 20.7 43.0 64.6#
57 20.6 15.7 23.5
100 0.3 10.3 15.5#



#53
m,p-Xylene
Concen: 9.131 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031534.D
Acq: 26 Dec 2024 17:23

Tgt Ion: 106 Resp: 227542
Ion Ratio Lower Upper
106 100
91 201.6 139.9 259.7





#60

Isopropylbenzene

Concen: 0.517 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031534.D

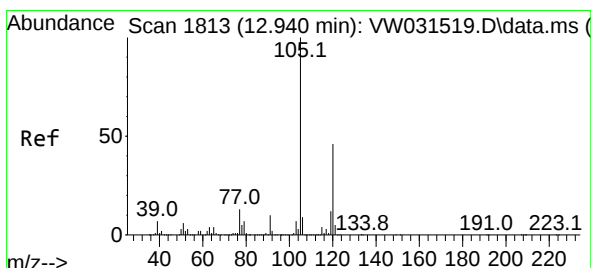
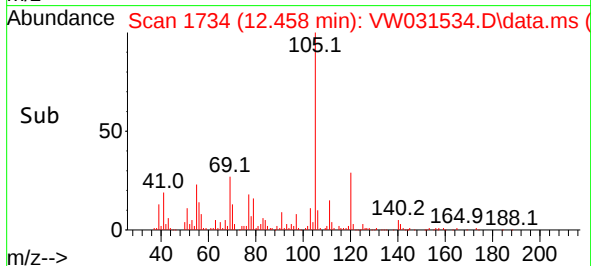
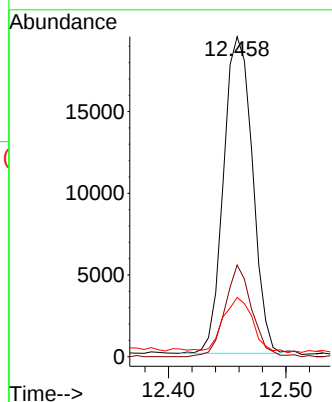
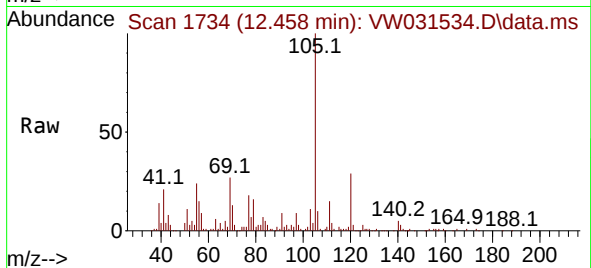
Acq: 26 Dec 2024 17:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	33177
Ion Ratio	Lower	Upper	
105	100		
120	26.6	20.6	31.0
77	17.8	12.8	19.2



#62

1,3,5-Trimethylbenzene

Concen: 4.972 ug/L

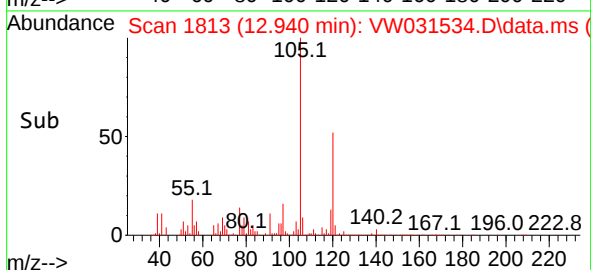
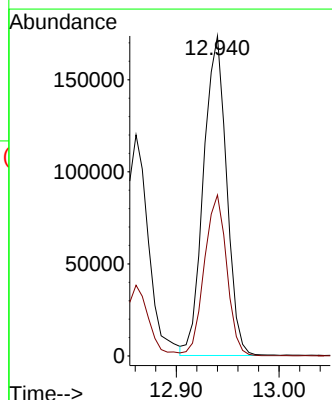
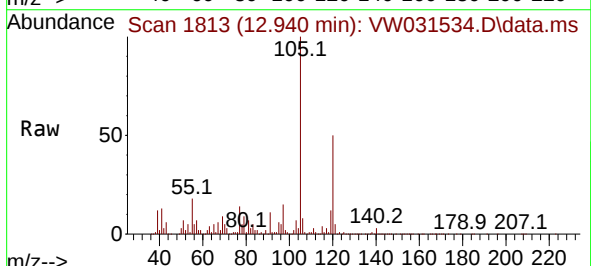
RT: 12.940 min Scan# 1813

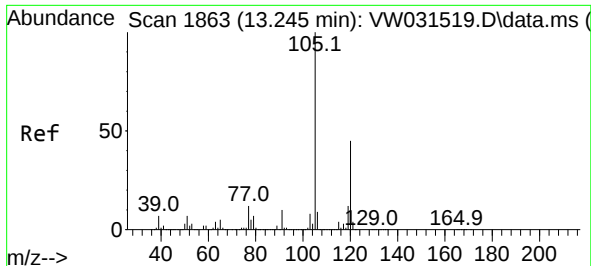
Delta R.T. -0.000 min

Lab File: VW031534.D

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Tgt Ion:	105	Resp:	270339
Ion Ratio	Lower	Upper	
105	100		
120	49.1	37.3	55.9

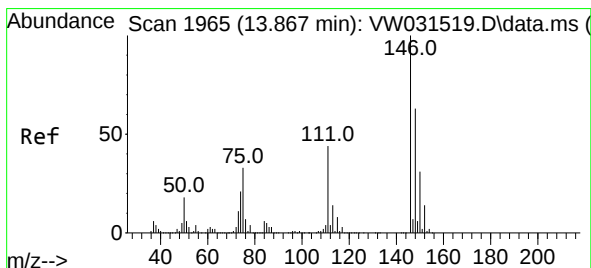
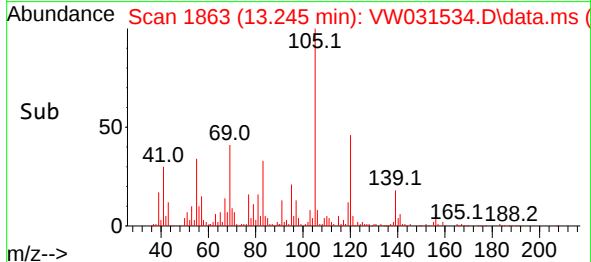
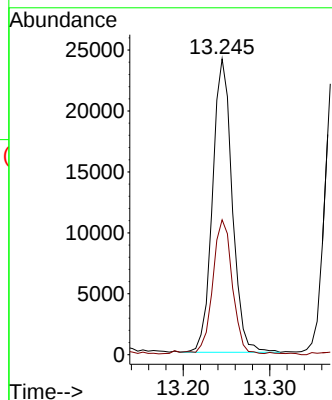
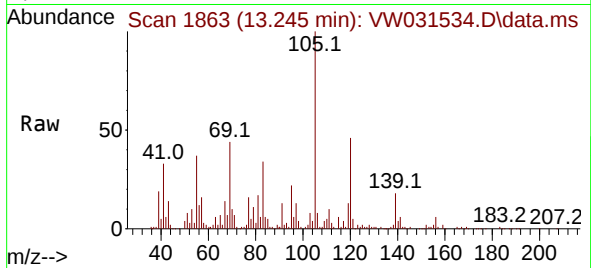




#63
 1,2,4-Trimethylbenzene
 Concen: 0.724 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW031534.D
 Acq: 26 Dec 2024 17:23

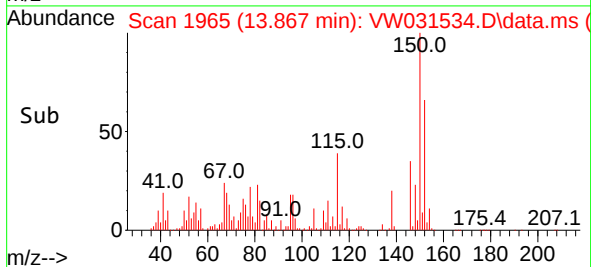
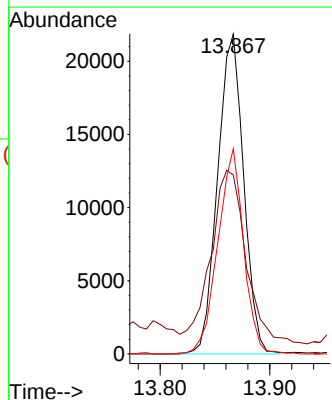
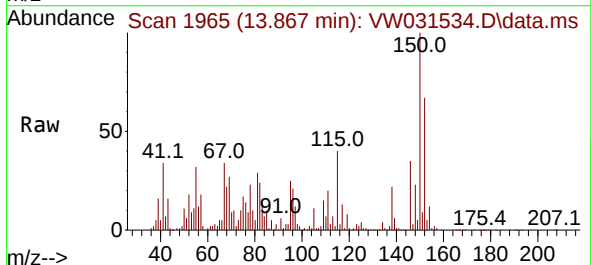
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 ClientSampleId :

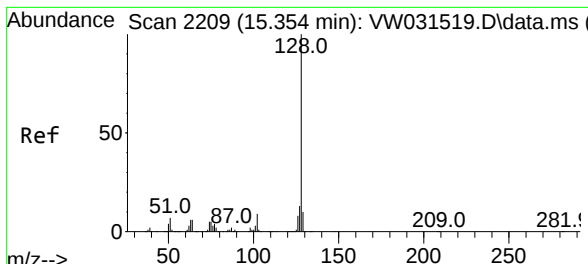
Tgt Ion:105 Resp: 38026
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.0 52.4



#67
 1,2-Dichlorobenzene
 Concen: 1.611 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VW031534.D
 Acq: 26 Dec 2024 17:23

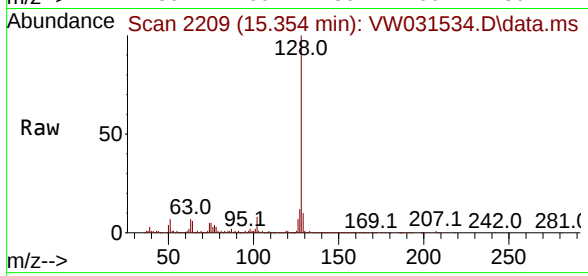
Tgt Ion:146 Resp: 36062
 Ion Ratio Lower Upper
 146 100
 111 55.9 38.6 58.0
 148 64.1 53.6 80.4





#71
 Naphthalene
 Concen: 6.205 ug/L
 RT: 15.354 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031534.D
 Acq: 26 Dec 2024 17:23

Instrument :
 MSVOA_W
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Tgt Ion:128 Resp: 164701

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.7	16.1
129	10.2	8.6	13.0

