

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026504.D
 Acq On : 01 Jul 2023 04:48
 Operator : SY/MD
 Sample : 03501-10
 Misc : 4.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X5

Quant Time: Jul 03 01:16:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

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

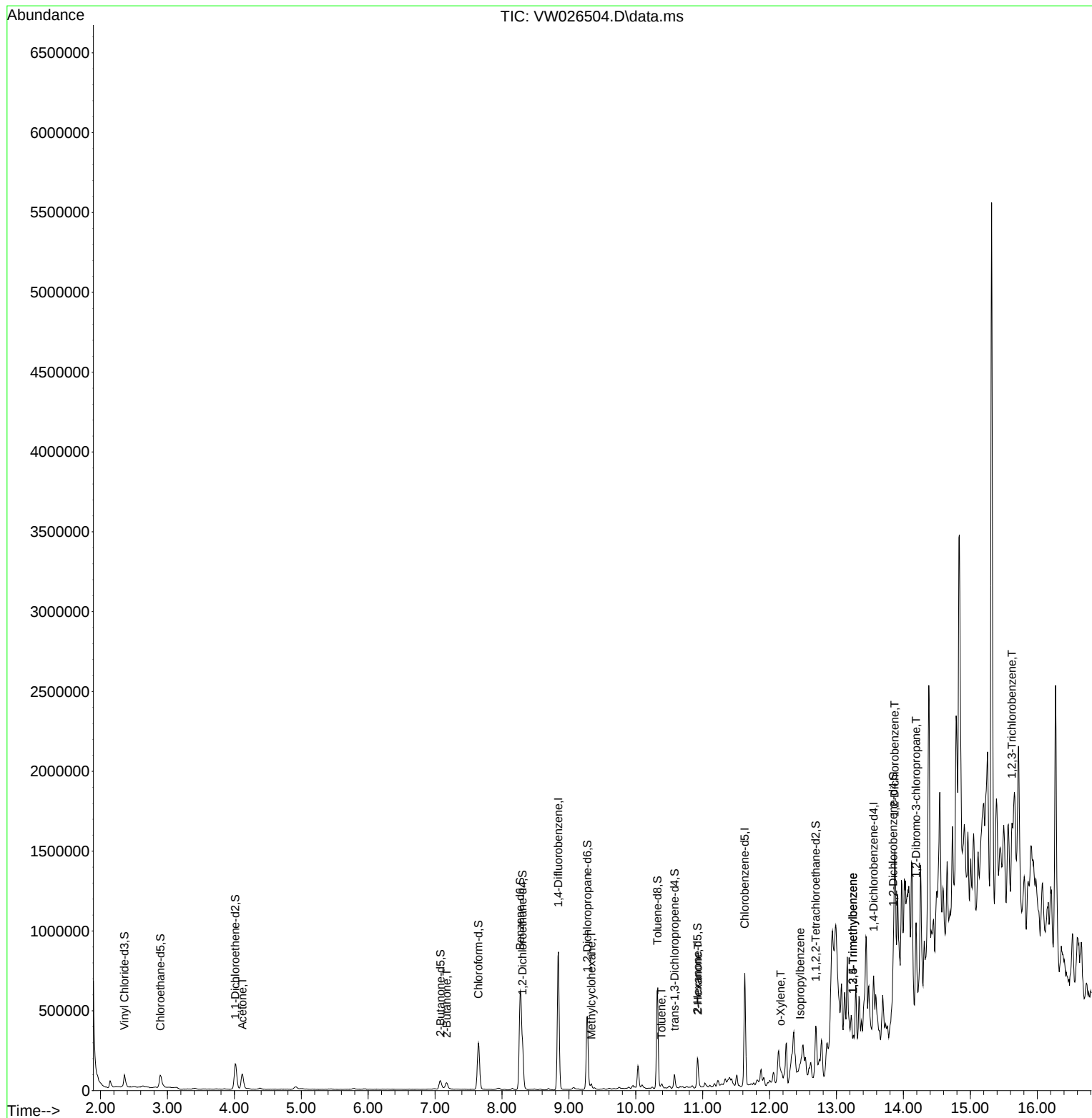
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	686424	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	349735	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93140	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	92824	11.877	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	47.520%		
7) Chloroethane-d5	2.893	69	120032	18.861	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.440%		
11) 1,1-Dichloroethene-d2	4.015	65	53935	13.792	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.160%		
21) 2-Butanone-d5	7.081	46	95723	32.408	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.820%		
24) Chloroform-d	7.648	84	284229	16.988	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	67.960%		
26) 1,2-Dichloroethane-d4	8.307	65	199726	21.839	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.360%		
32) Benzene-d6	8.270	84	627467	30.849	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	123.400%		
36) 1,2-Dichloropropane-d6	9.276	67	211259	32.588	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	130.360%#		
41) Toluene-d8	10.325	98	386663	21.521	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.080%		
43) trans-1,3-Dichloroprop...	10.581	79	43435	16.622	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.480%		
47) 2-Hexanone-d5	10.922	63	55574	51.261	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.520%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104797	20.936	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.760%		
66) 1,2-Dichlorobenzene-d4	13.848	152	66257	20.430	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.720%		
Target Compounds						Qvalue
13) Acetone	4.118	43	169481	81.226	ug/L	92
22) 2-Butanone	7.173	43	67750	19.805	ug/L	95
35) Methylcyclohexane	9.337	83	8464	0.852	ug/L #	58
42) Toluene	10.386	91	17918	0.800	ug/L	96
48) 2-Hexanone	10.928	43	19271	7.192	ug/L #	41
54) o-Xylene	12.166	106	9915	1.143	ug/L	93
60) Isopropylbenzene	12.458	105	8021	0.590	ug/L #	65
62) 1,3,5-Trimethylbenzene	13.245	105	48702	4.508	ug/L	93
63) 1,2,4-Trimethylbenzene	13.245	105	48702	4.615	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	12764	2.475	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	14.190	75	1267	2.716	ug/L #	17
72) 1,2,3-Trichlorobenzene	15.622	180	6109	2.115	ug/L	97

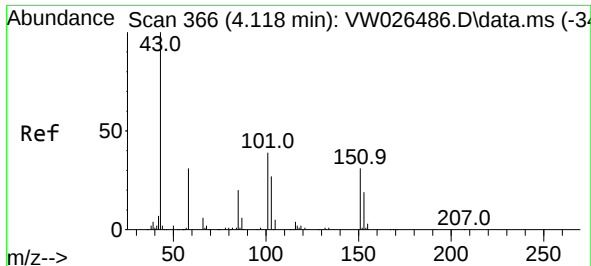
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026504.D
Acq On : 01 Jul 2023 04:48
Operator : SY/MD
Sample : 03501-10
Misc : 4.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

Quant Time: Jul 03 01:16:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 01 01:41:22 2023
Response via : Initial Calibration

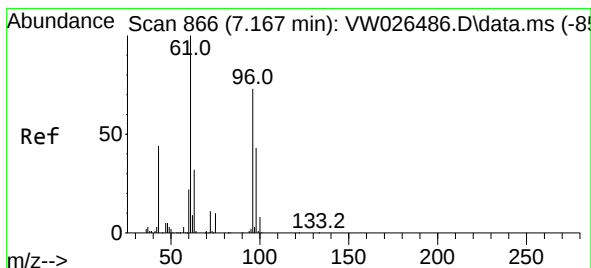
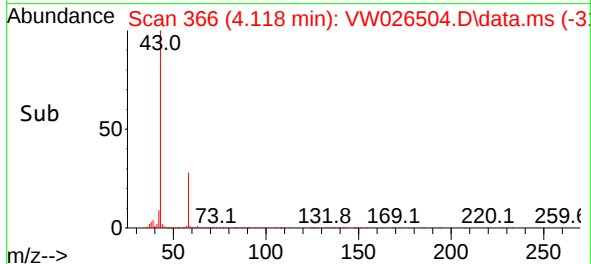
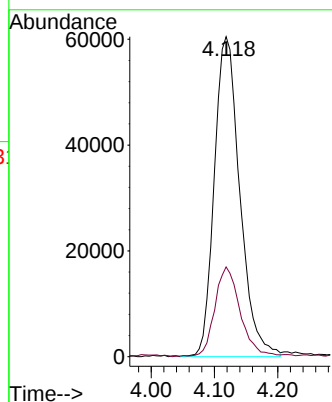
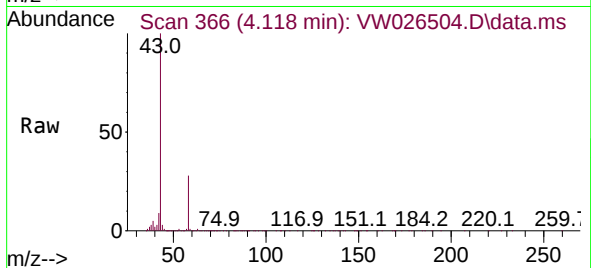




#13
Acetone
Concen: 81.226 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

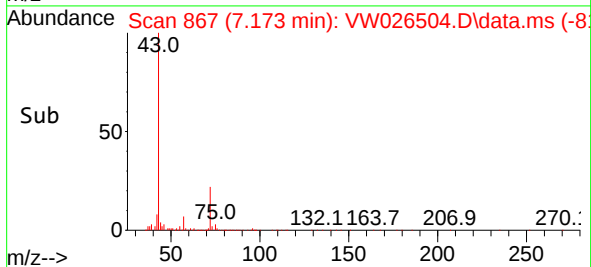
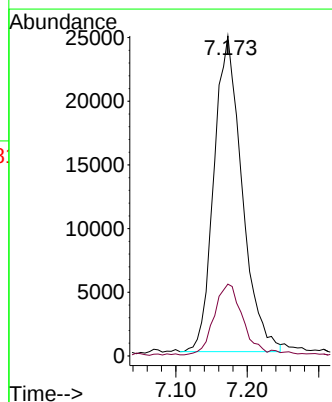
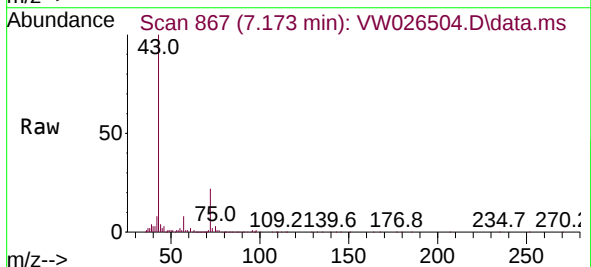
Instrument :
MSVOA_W
ClientSampleId :
A46X5

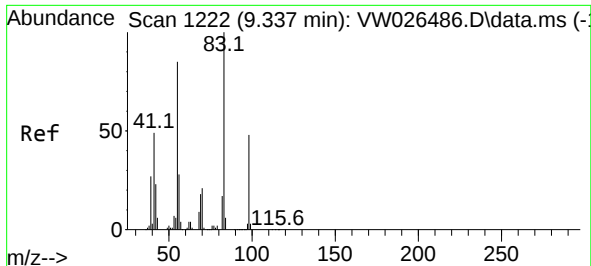
Tgt Ion: 43 Resp: 169481
Ion Ratio Lower Upper
43 100
58 27.4 0.0 63.2



#22
2-Butanone
Concen: 19.805 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

Tgt Ion: 43 Resp: 67750
Ion Ratio Lower Upper
43 100
72 22.6 12.6 37.8

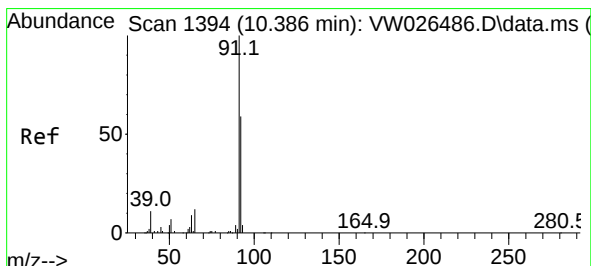
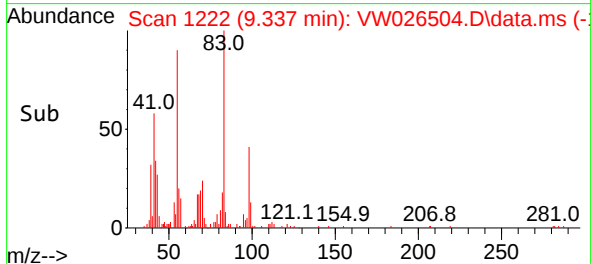
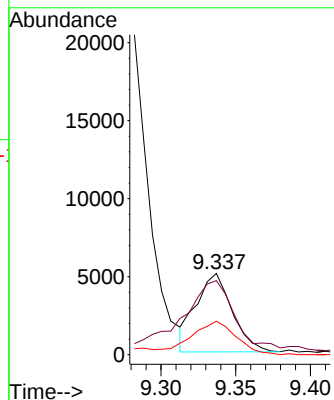
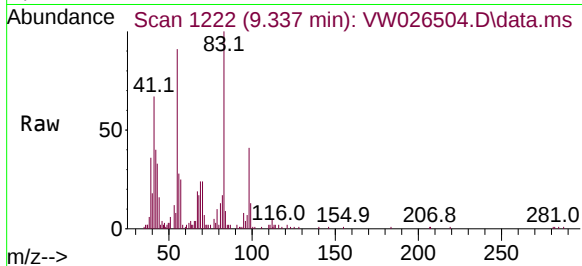




#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 9.337 min Scan# 111
Delta R.T. -0.000 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

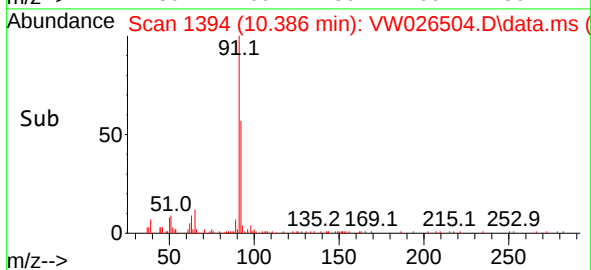
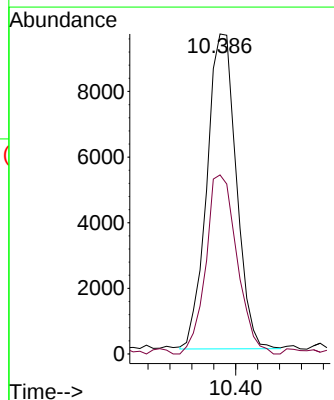
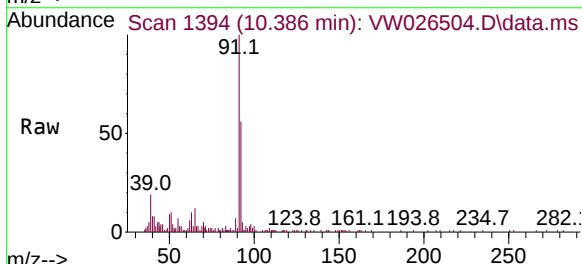
Instrument :
MSVOA_W
ClientSampleId :
A46X5

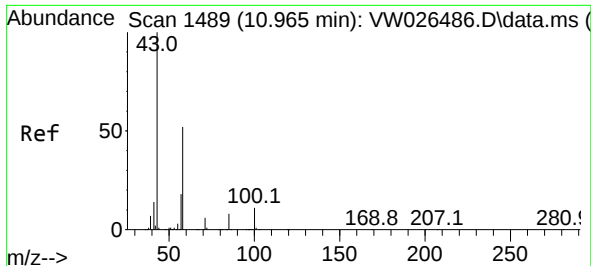
Tgt Ion: 83 Resp: 8464
Ion Ratio Lower Upper
83 100
55 137.0 66.5 99.7#
98 52.3 37.0 55.6



#42
Toluene
Concen: 0.800 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

Tgt Ion: 91 Resp: 17918
Ion Ratio Lower Upper
91 100
92 56.0 41.4 76.8

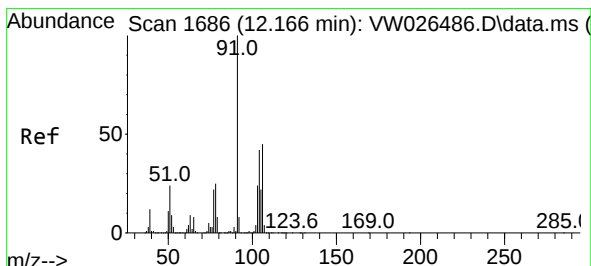
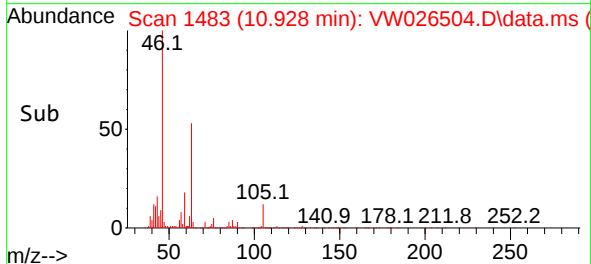
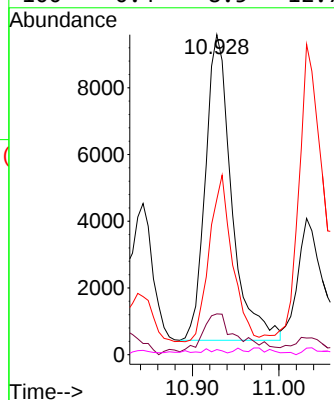
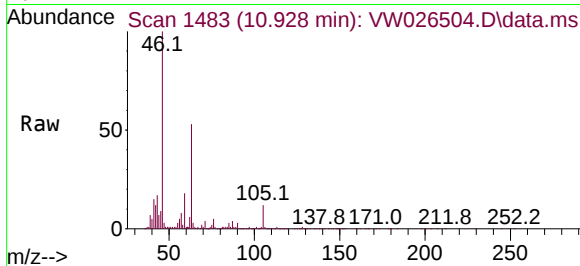




#48
2-Hexanone
Concen: 7.192 ug/L
RT: 10.928 min Scan# 1489
Delta R.T. -0.037 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

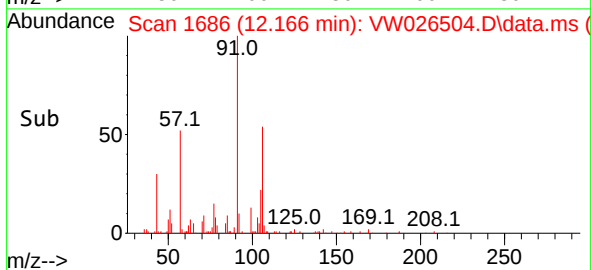
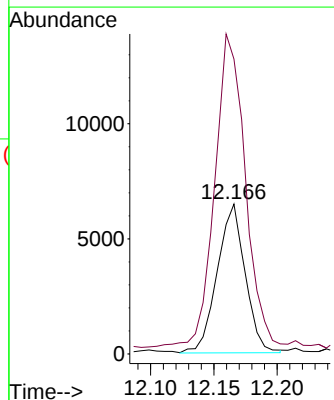
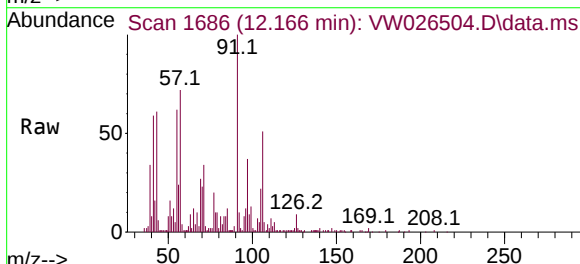
Instrument :
MSVOA_W
ClientSampleId :
A46X5

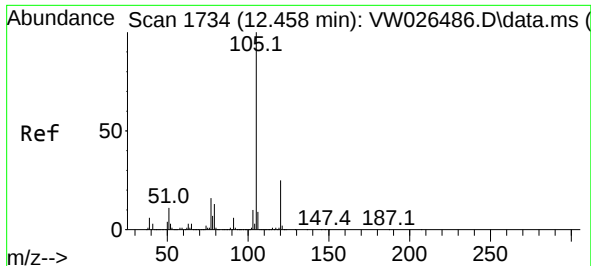
Tgt Ion: 43 Resp: 19271
Ion Ratio Lower Upper
43 100
58 8.3 42.1 63.1#
57 48.1 14.5 21.7#
100 0.4 8.5 12.7#



#54
o-Xylene
Concen: 1.143 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

Tgt Ion: 106 Resp: 9915
Ion Ratio Lower Upper
106 100
91 196.6 145.5 270.1

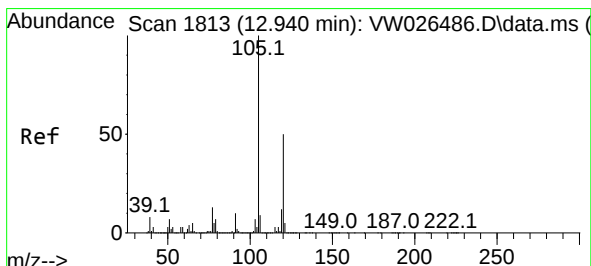
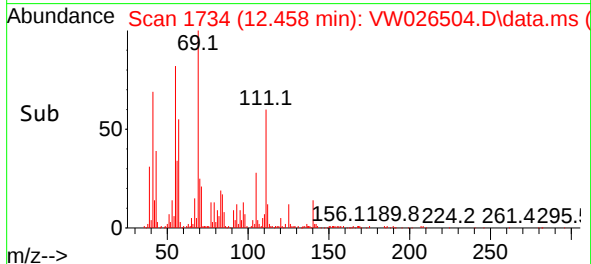
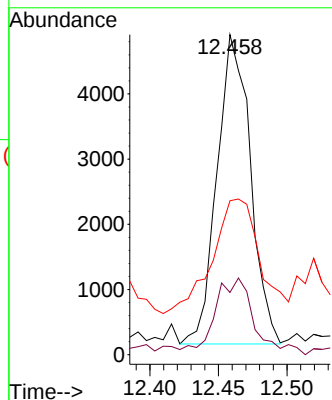
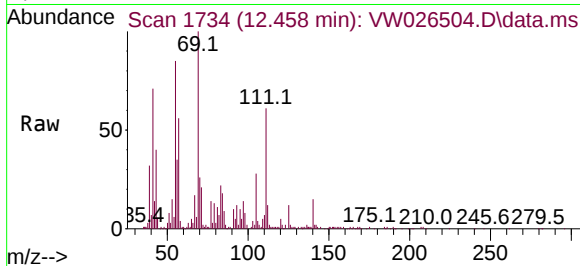




#60
Isopropylbenzene
Concen: 0.590 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

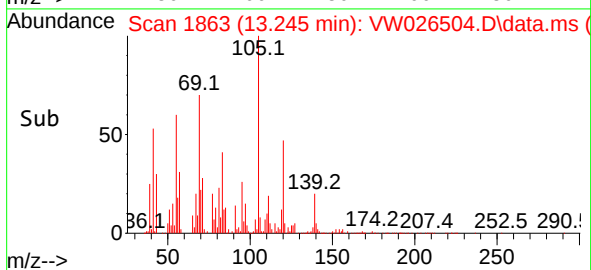
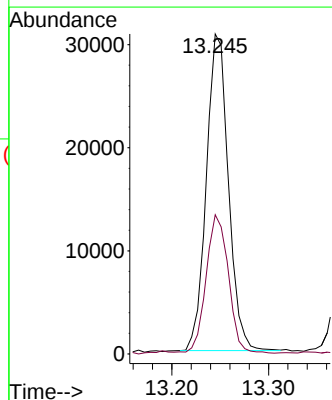
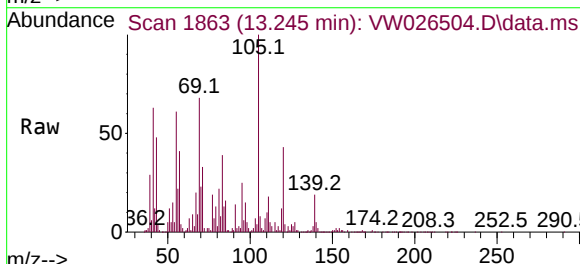
Instrument :
MSVOA_W
ClientSampleId :
A46X5

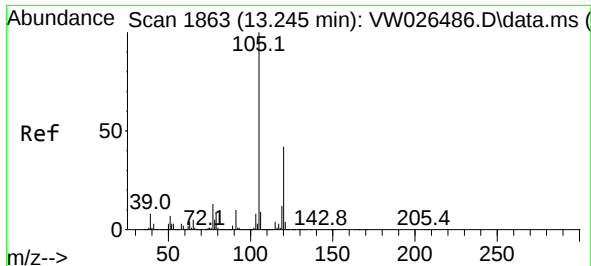
Tgt Ion:105 Resp: 8021
Ion Ratio Lower Upper
105 100
120 23.6 20.5 30.7
77 52.1 12.9 19.3#



#62
1,3,5-Trimethylbenzene
Concen: 4.508 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.305 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

Tgt Ion:105 Resp: 48702
Ion Ratio Lower Upper
105 100
120 44.0 39.2 58.8

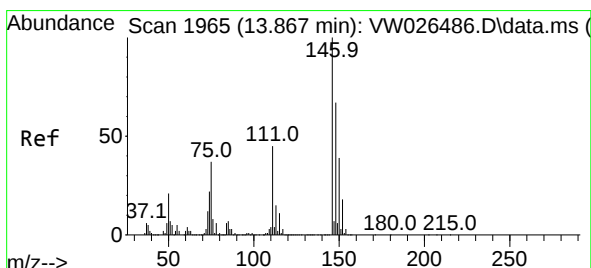
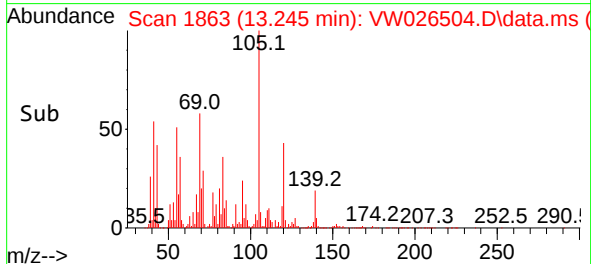
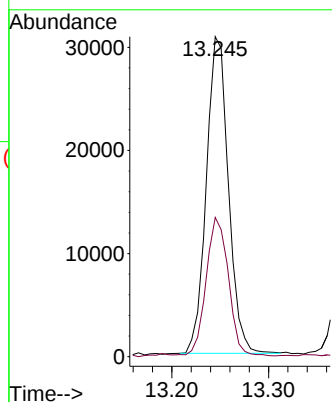
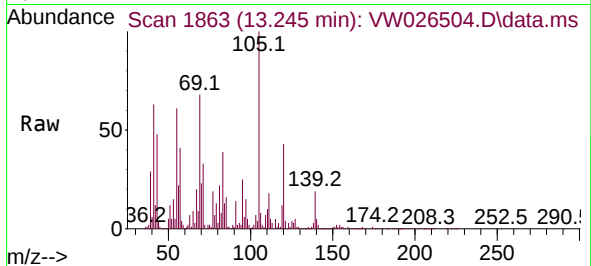




#63
1,2,4-Trimethylbenzene
Concen: 4.615 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

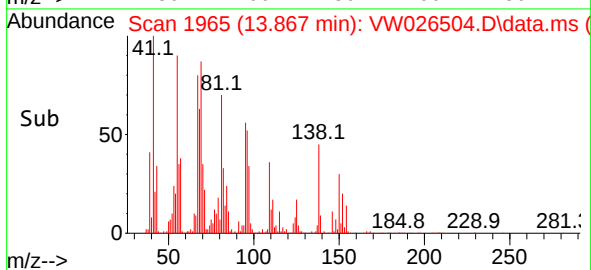
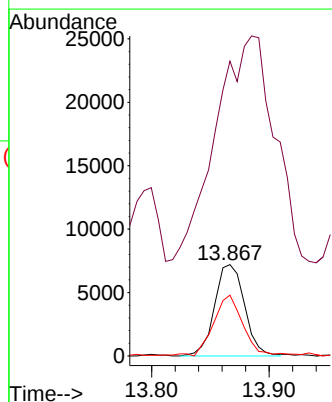
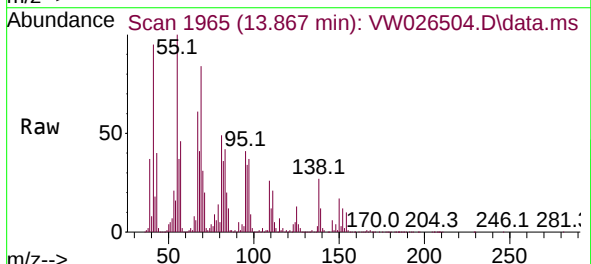
Instrument :
MSVOA_W
ClientSampleId :
A46X5

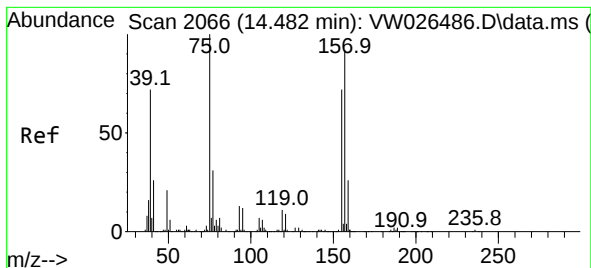
Tgt Ion:105 Resp: 48702
Ion Ratio Lower Upper
105 100
120 44.0 36.0 54.0



#67
1,2-Dichlorobenzene
Concen: 2.475 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

Tgt Ion:146 Resp: 12764
Ion Ratio Lower Upper
146 100
111 322.8 34.7 52.1#
148 66.6 49.6 74.4

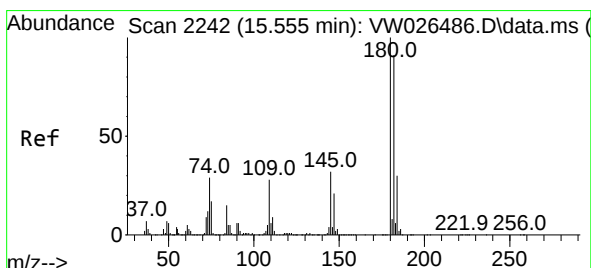
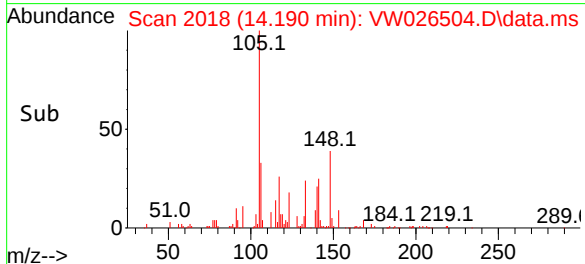
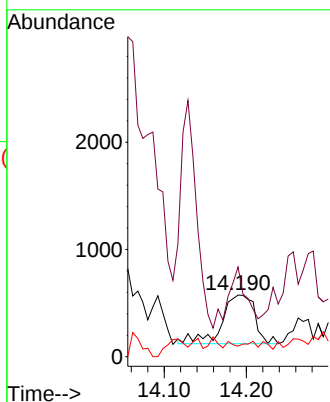
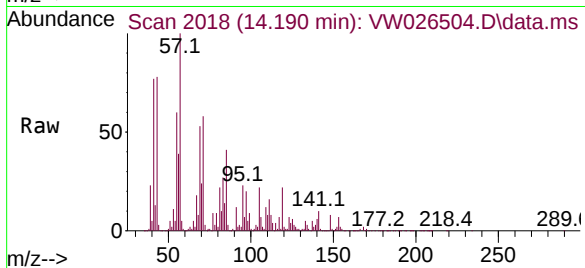




#68
1,2-Dibromo-3-chloropropane
Concen: 2.716 ug/L
RT: 14.190 min Scan# 2066
Delta R.T. -0.293 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

Instrument :
MSVOA_W
ClientSampleId :
A46X5

Tgt Ion: 75 Resp: 1267
Ion Ratio Lower Upper
75 100
155 145.4 58.5 87.7#
157 17.0 77.4 116.2#



#72
1,2,3-Trichlorobenzene
Concen: 2.115 ug/L
RT: 15.622 min Scan# 2253
Delta R.T. 0.067 min
Lab File: VW026504.D
Acq: 01 Jul 2023 04:48

Tgt Ion: 180 Resp: 6109
Ion Ratio Lower Upper
180 100
182 92.3 75.7 113.5
145 32.0 27.0 40.6

