

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
 Data File : VW026954.D
 Acq On : 29 Aug 2023 16:48
 Operator : SY/MD
 Sample : 04175-21RE
 Misc : 5.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 20:50:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 29 20:47:20 2023
 Response via : Initial Calibration

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

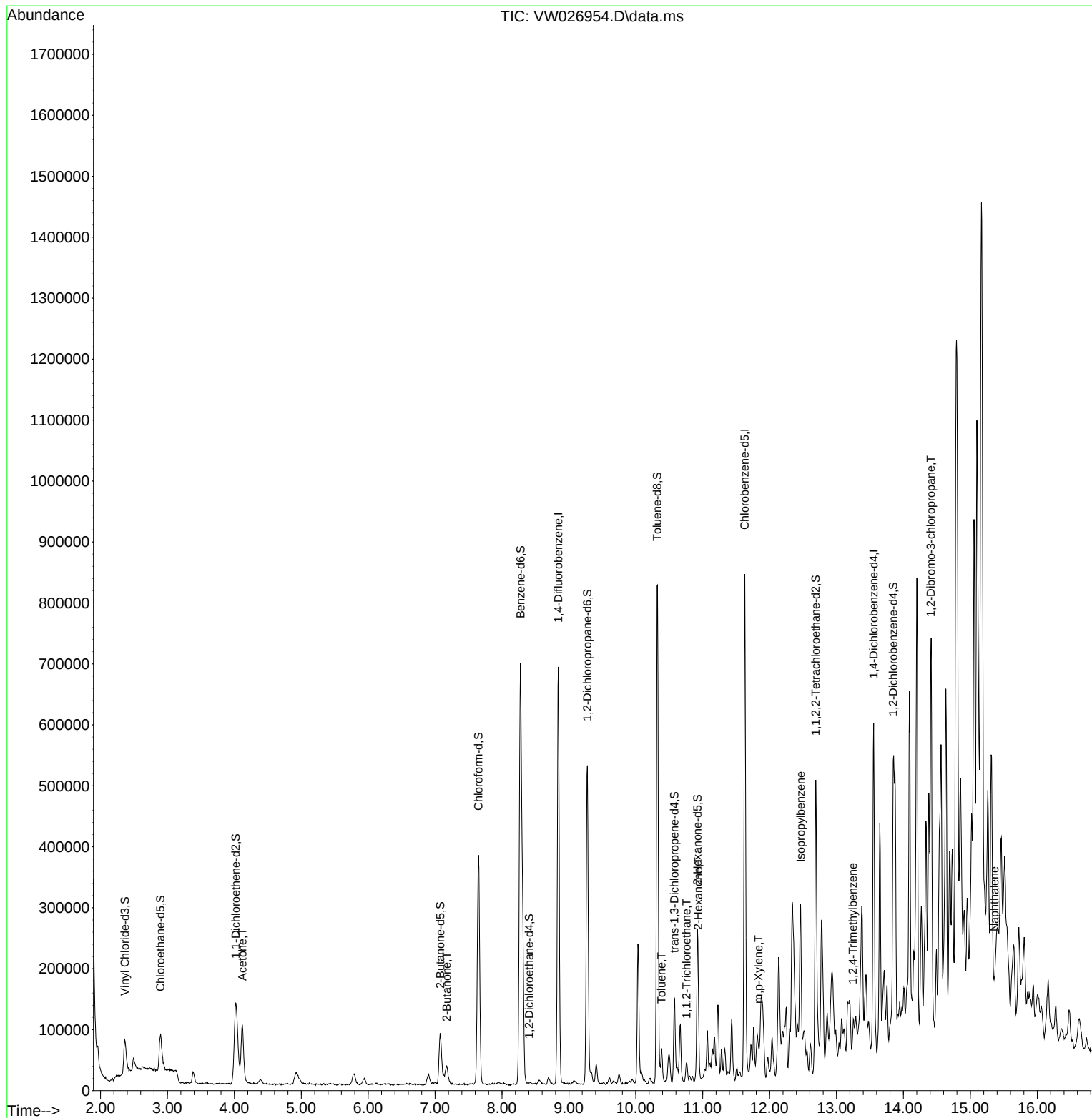
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	522435	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	405743	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128263	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	98608	11.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.920%
7) Chloroethane-d5	2.893	69	99295	15.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.200%
11) 1,1-Dichloroethene-d2	4.021	65	60305	14.277	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.120%
21) 2-Butanone-d5	7.075	46	149751	60.667	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.340%
24) Chloroform-d	7.648	84	371638	21.195	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	8.404	65	216	0.022	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	656586	23.480	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.276	67	229378	26.334	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.320%
41) Toluene-d8	10.318	98	499393	20.805	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	10.575	79	71896	19.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.960%
47) 2-Hexanone-d5	10.922	63	69295	75.711	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.420%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	179783	26.136	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	104024	22.659	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.640%
Target Compounds						Qvalue
13) Acetone	4.118	43	161585	65.836	ug/L	98
22) 2-Butanone	7.173	43	47091	13.019	ug/L	100
42) Toluene	10.386	91	37584	1.257	ug/L	93
45) 1,1,2-Trichloroethane	10.757	97	11050	1.996	ug/L #	21
48) 2-Hexanone	10.934	43	31177	8.703	ug/L #	41
53) m,p-Xylene	11.836	106	7541	0.607	ug/L	90
60) Isopropylbenzene	12.464	105	141776	7.435	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	22138	1.499	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.409	75	3549	4.732	ug/L #	10
71) Naphthalene	15.360	128	27141	2.995	ug/L #	83

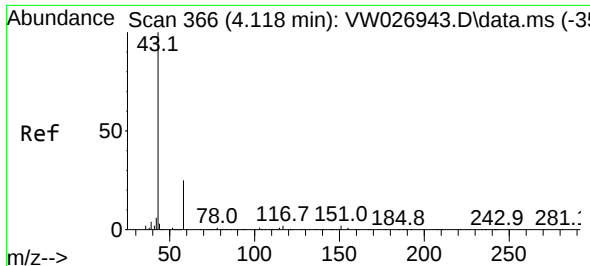
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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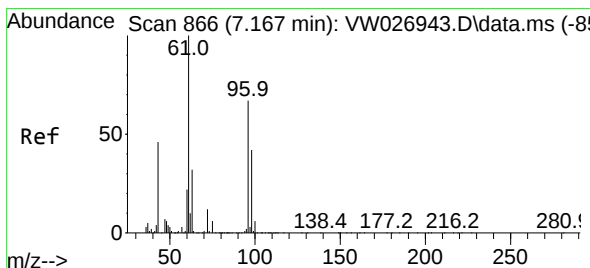
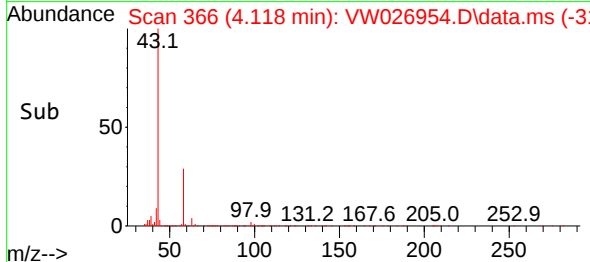
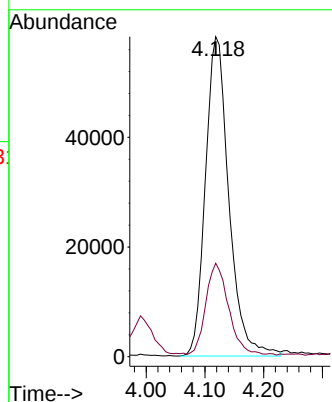
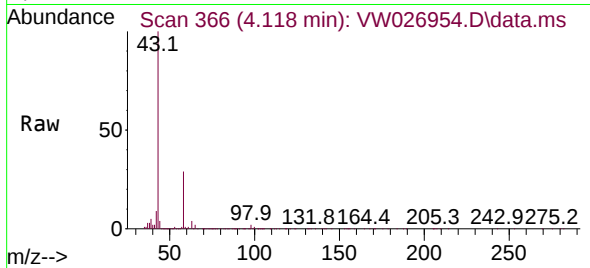




#13
Acetone
Concen: 65.836 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026954.D
Acq: 29 Aug 2023 16:48

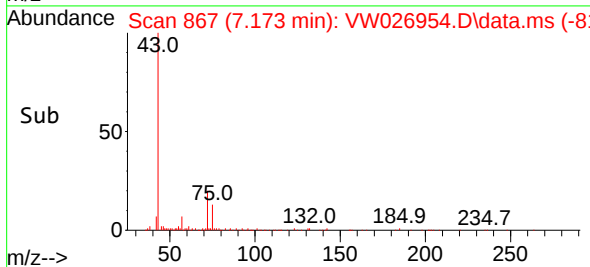
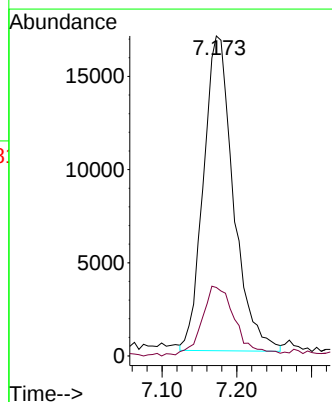
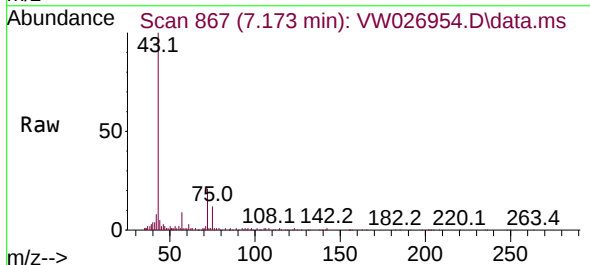
Instrument :
MSVOA_W
ClientSampleId :

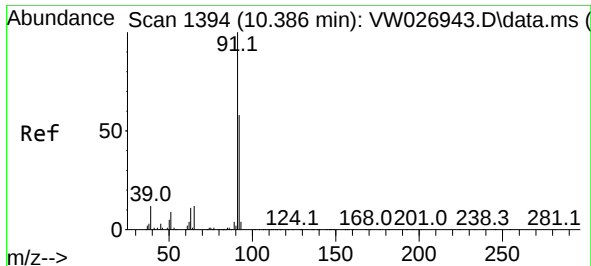
Tgt Ion: 43 Resp: 161585
Ion Ratio Lower Upper
43 100
58 27.7 0.0 57.4



#22
2-Butanone
Concen: 13.019 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026954.D
Acq: 29 Aug 2023 16:48

Tgt Ion: 43 Resp: 47091
Ion Ratio Lower Upper
43 100
72 23.4 11.8 35.4

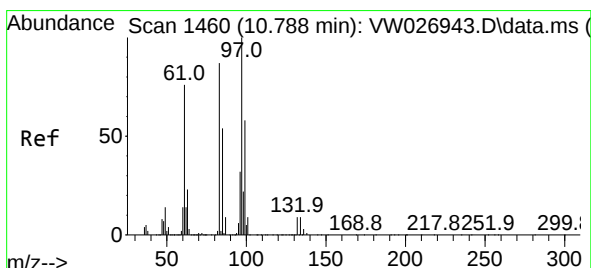
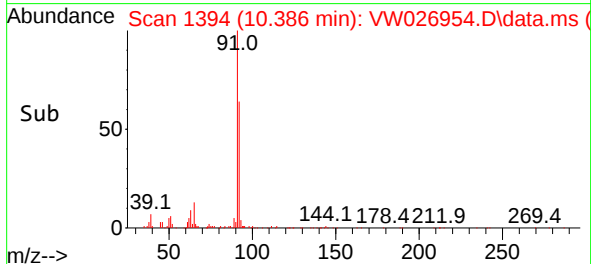
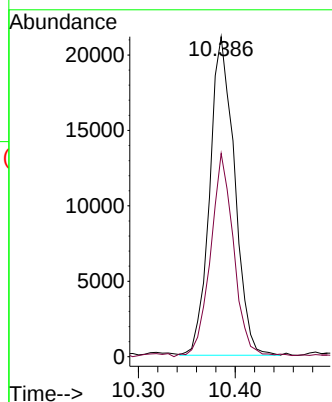
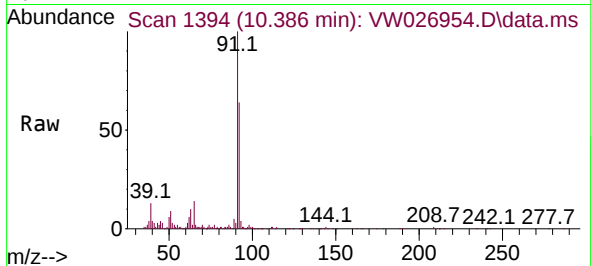




#42
Toluene
Concen: 1.257 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026954.D
Acq: 29 Aug 2023 16:48

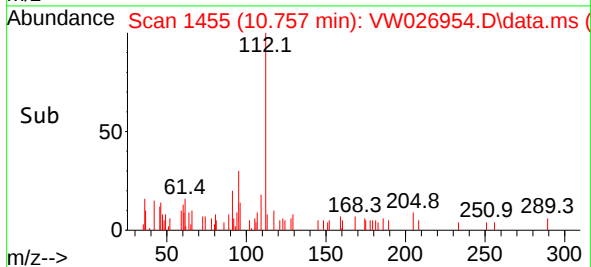
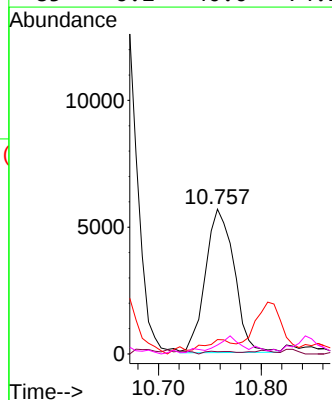
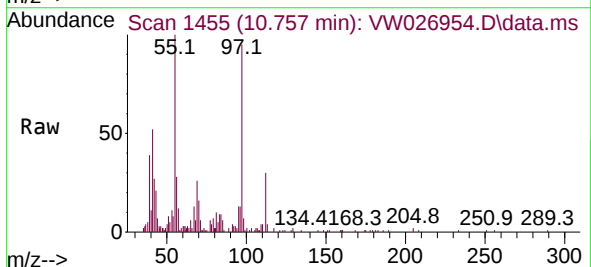
Instrument :
MSVOA_W
ClientSampleId :

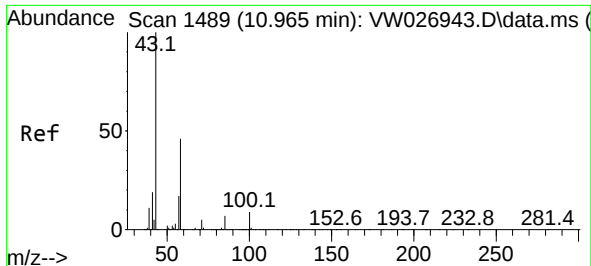
Tgt Ion: 91 Resp: 37584
Ion Ratio Lower Upper
91 100
92 63.5 40.8 75.8



#45
1,1,2-Trichloroethane
Concen: 1.996 ug/L
RT: 10.757 min Scan# 1455
Delta R.T. -0.030 min
Lab File: VW026954.D
Acq: 29 Aug 2023 16:48

Tgt Ion: 97 Resp: 11050
Ion Ratio Lower Upper
97 100
99 1.5 44.2 82.0#
83 10.0 61.9 114.9#
85 6.2 40.0 74.2#

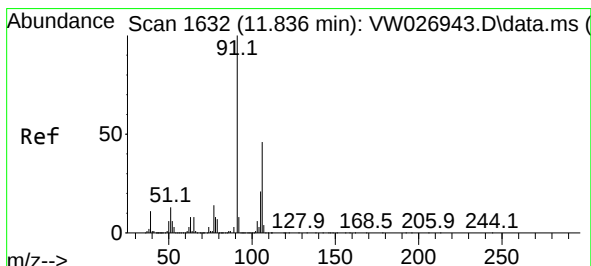
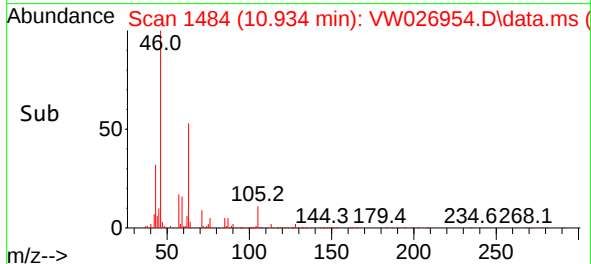
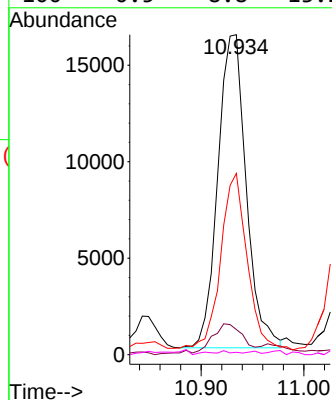
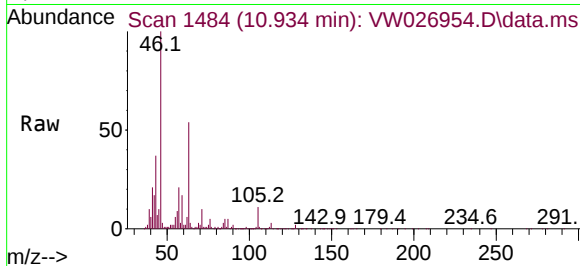




#48
2-Hexanone
Concen: 8.703 ug/L
RT: 10.934 min Scan# 1489
Delta R.T. -0.030 min
Lab File: VW026954.D
Acq: 29 Aug 2023 16:48

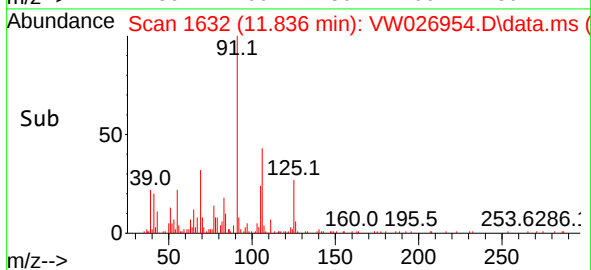
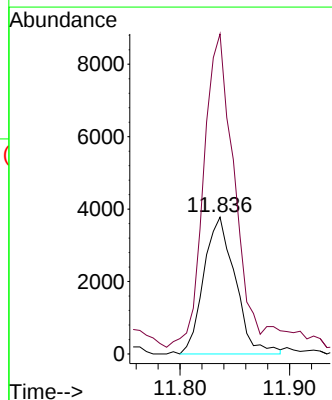
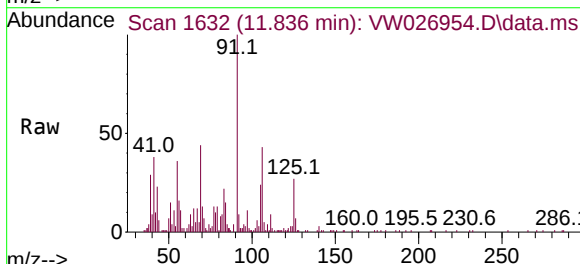
Instrument :
MSVOA_W
ClientSampleId :

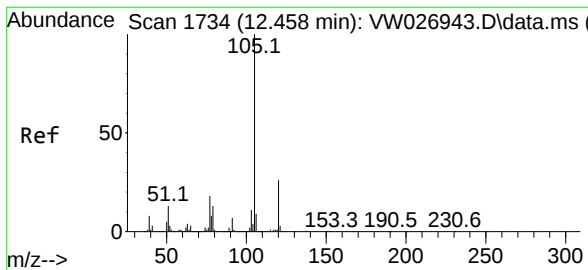
Tgt Ion: 43 Resp: 31177
Ion Ratio Lower Upper
43 100
58 9.9 41.1 61.7#
57 52.9 14.3 21.5#
100 0.5 8.8 13.2#



#53
m,p-Xylene
Concen: 0.607 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026954.D
Acq: 29 Aug 2023 16:48

Tgt Ion:106 Resp: 7541
Ion Ratio Lower Upper
106 100
91 233.9 152.9 284.1

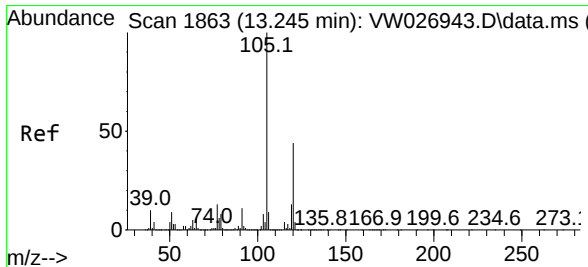
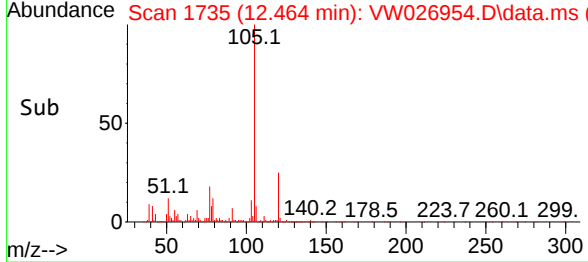
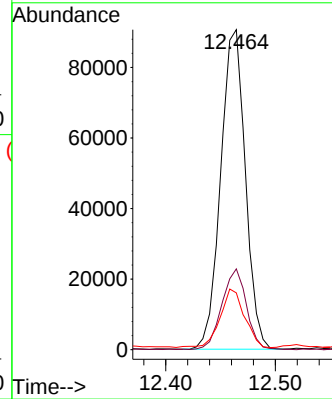
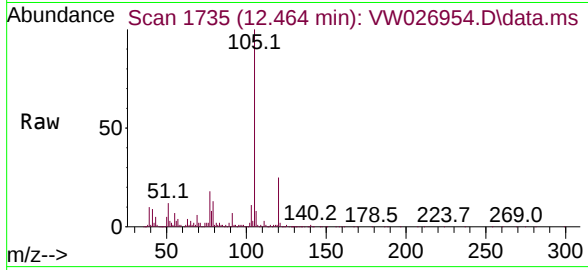




#60
Isopropylbenzene
Concen: 7.435 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026954.D
Acq: 29 Aug 2023 16:48

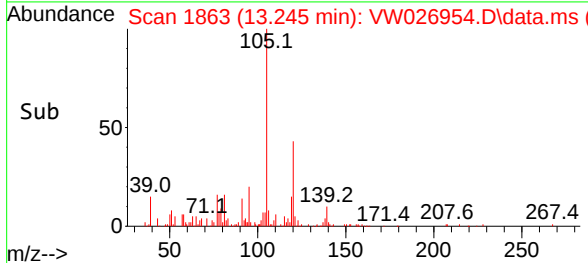
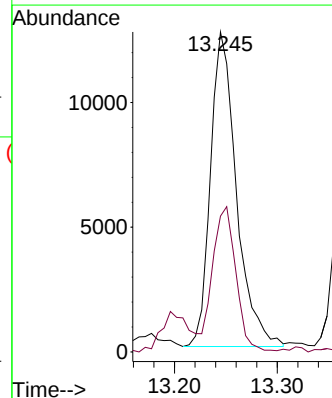
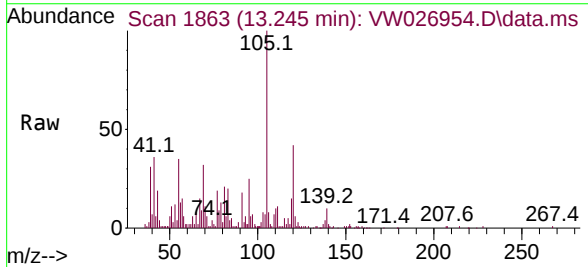
Instrument :
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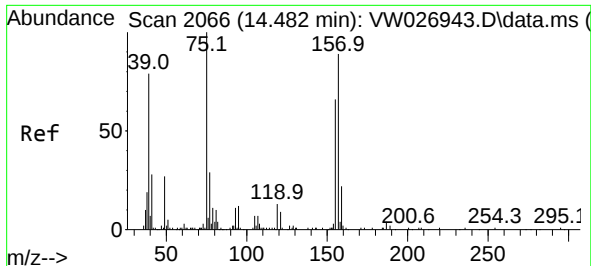
Tgt Ion:105 Resp: 141776
Ion Ratio Lower Upper
105 100
120 25.2 21.0 31.6
77 17.8 13.4 20.2



#63
1,2,4-Trimethylbenzene
Concen: 1.499 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026954.D
Acq: 29 Aug 2023 16:48

Tgt Ion:105 Resp: 22138
Ion Ratio Lower Upper
105 100
120 40.0 36.2 54.4

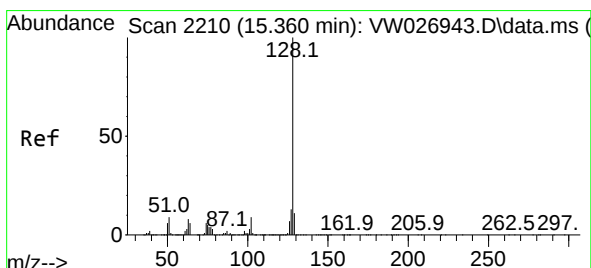
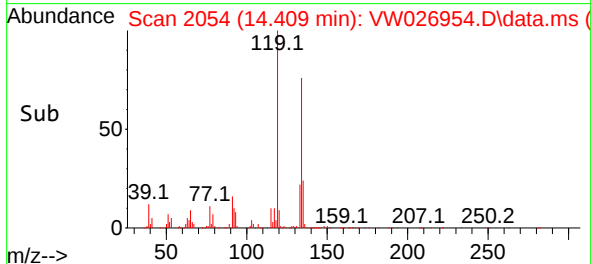
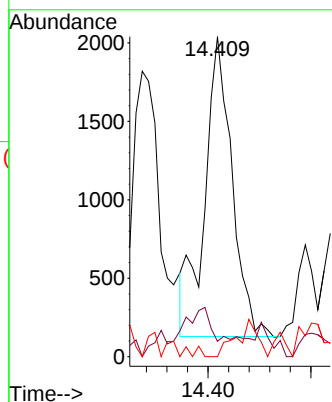
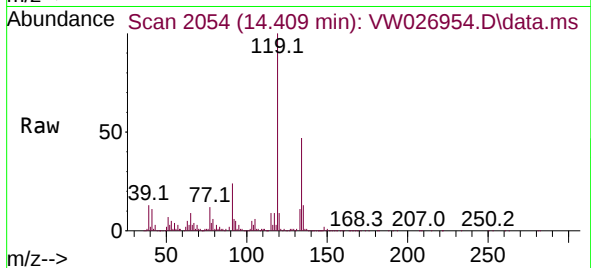




#68
1,2-Dibromo-3-chloropropane
Concen: 4.732 ug/L
RT: 14.409 min Scan# 2066
Delta R.T. -0.073 min
Lab File: VW026954.D
Acq: 29 Aug 2023 16:48

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 3549
Ion Ratio Lower Upper
75 100
155 4.8 55.0 82.6#
157 0.0 77.8 116.6#



#71
Naphthalene
Concen: 2.995 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026954.D
Acq: 29 Aug 2023 16:48

Tgt Ion: 128 Resp: 27141
Ion Ratio Lower Upper
128 100
127 7.5 10.7 16.1#
129 3.3 9.0 13.4#

