

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
 Data File : VW026948.D
 Acq On : 29 Aug 2023 14:11
 Operator : SY/MD
 Sample : 04175-19
 Misc : 4.72g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 20:49:03 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)

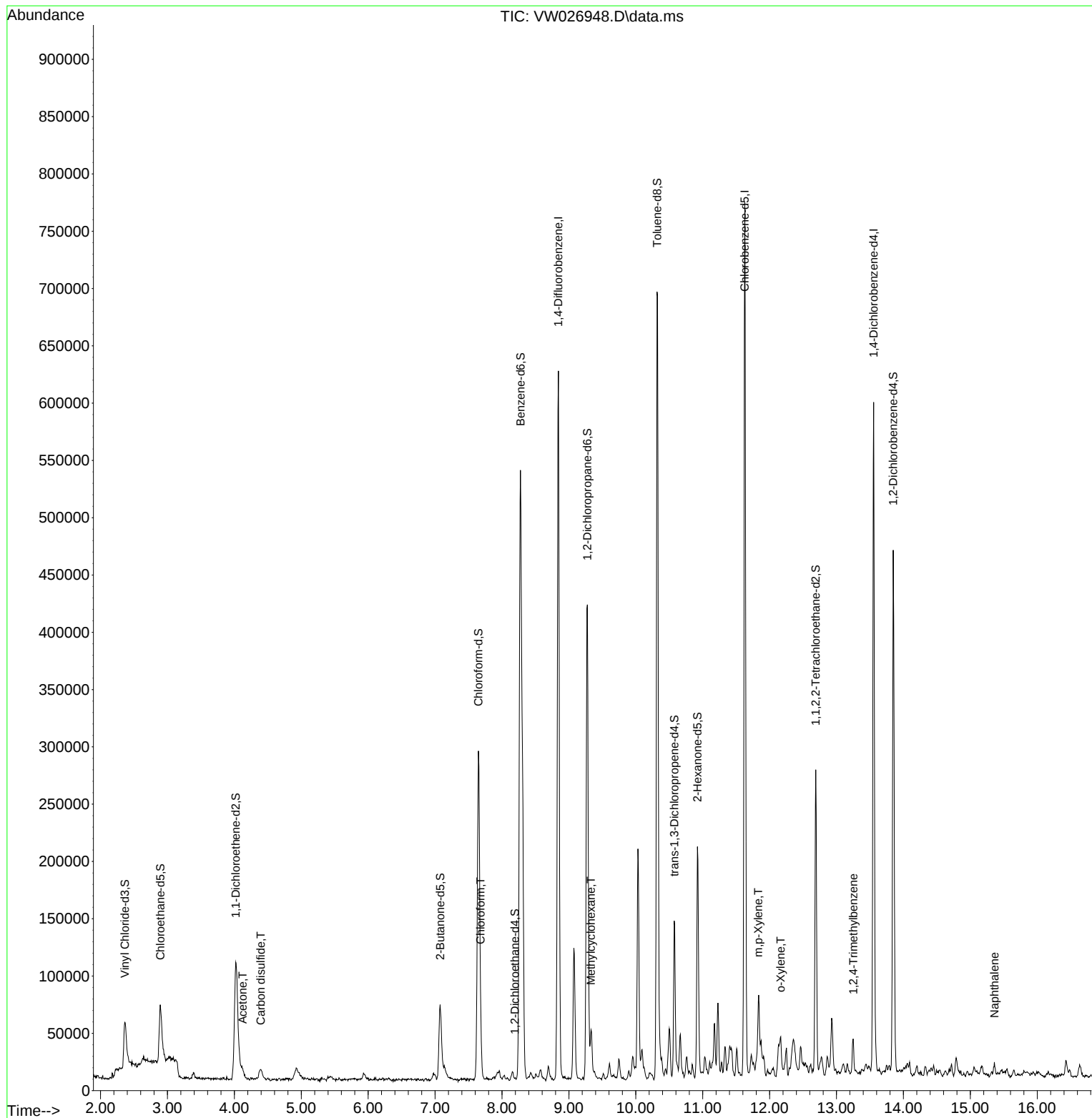
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	456596	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	376210	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	138462	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	77533	10.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.320%
7) Chloroethane-d5	2.893	69	75324	13.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.000%
11) 1,1-Dichloroethene-d2	4.021	65	45746	12.392	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.560%
21) 2-Butanone-d5	7.075	46	114026	52.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.700%
24) Chloroform-d	7.648	84	270779	17.670	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.680%
26) 1,2-Dichloroethane-d4	8.191	65	82	0.010	ug/L	-0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.276	84	498716	19.235	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.920%
36) 1,2-Dichloropropane-d6	9.276	67	173971	21.541	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.160%
41) Toluene-d8	10.318	98	400316	17.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.960%
43) trans-1,3-Dichloroprop...	10.575	79	69830	20.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.760%
47) 2-Hexanone-d5	10.922	63	56006	65.995	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	123842	19.417	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	100219	20.222	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.880%
Target Compounds					Qvalue	
13) Acetone	4.124	43	9762	4.551	ug/L	86
14) Carbon disulfide	4.393	76	20718	0.853	ug/L	100
25) Chloroform	7.679	83	30110	2.011	ug/L	96
35) Methylcyclohexane	9.331	83	13399	1.122	ug/L #	79
53) m,p-Xylene	11.830	106	11632	1.010	ug/L	97
54) o-Xylene	12.166	106	6869	0.639	ug/L	85
63) 1,2,4-Trimethylbenzene	13.251	105	17459	1.095	ug/L	99
71) Naphthalene	15.360	128	8061	0.824	ug/L	97

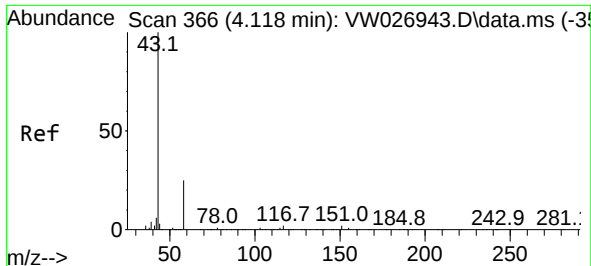
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Aug 29 20:47:20 2023
Response via : Initial Calibration

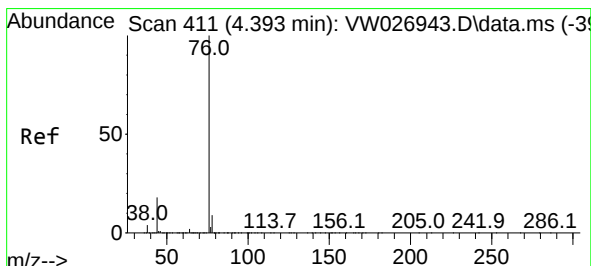
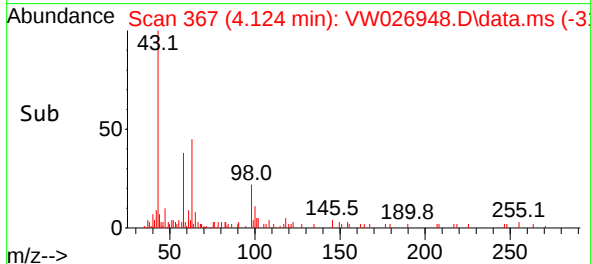
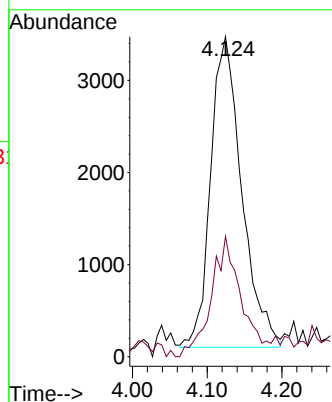
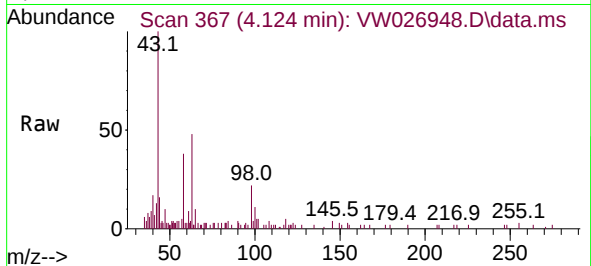




#13
Acetone
Concen: 4.551 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026948.D
Acq: 29 Aug 2023 14:11

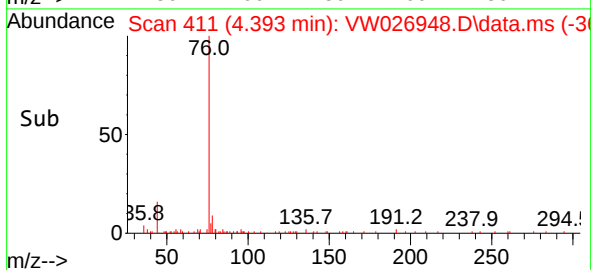
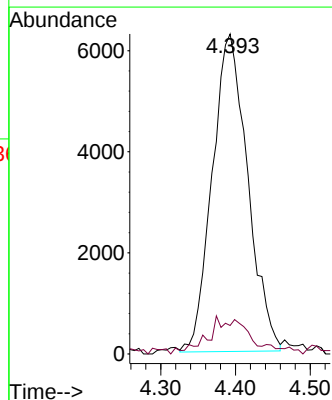
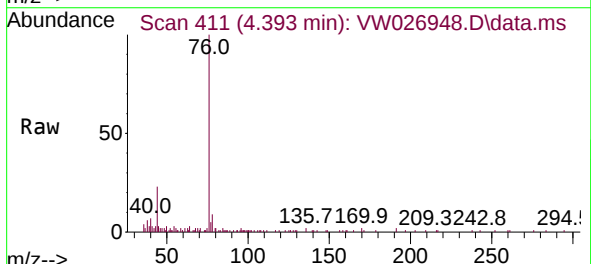
Instrument :
MSVOA_W
ClientSampleId :

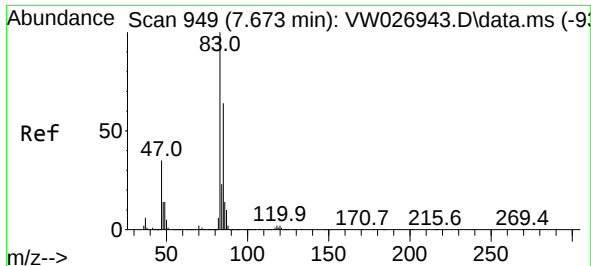
Tgt Ion: 43 Resp: 9762
Ion Ratio Lower Upper
43 100
58 36.3 0.0 57.4



#14
Carbon disulfide
Concen: 0.853 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026948.D
Acq: 29 Aug 2023 14:11

Tgt Ion: 76 Resp: 20718
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

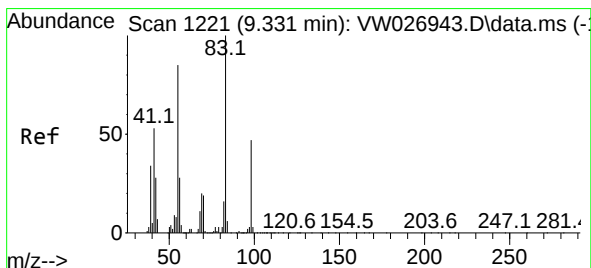
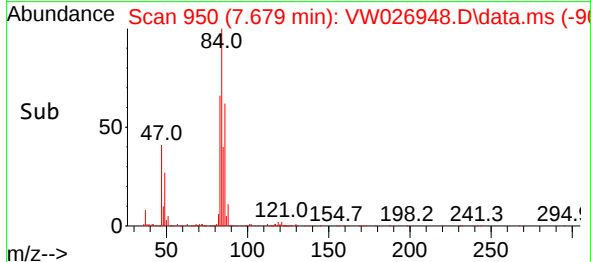
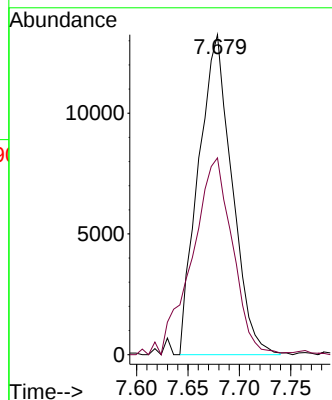
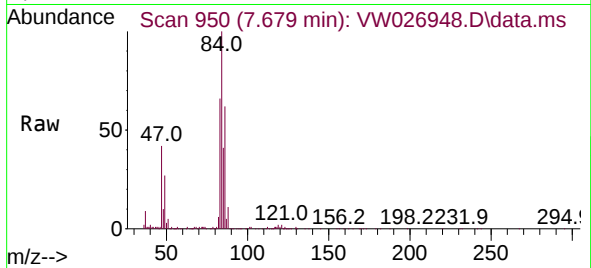




#25
Chloroform
Concen: 2.011 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026948.D
Acq: 29 Aug 2023 14:11

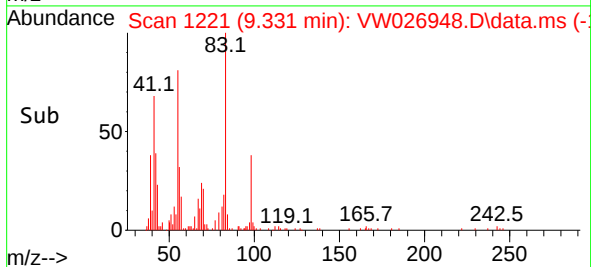
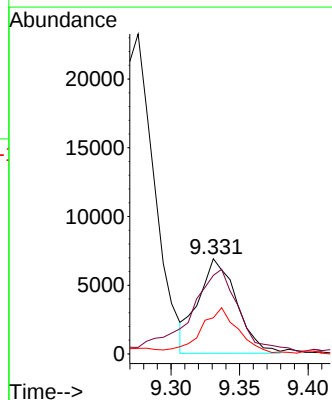
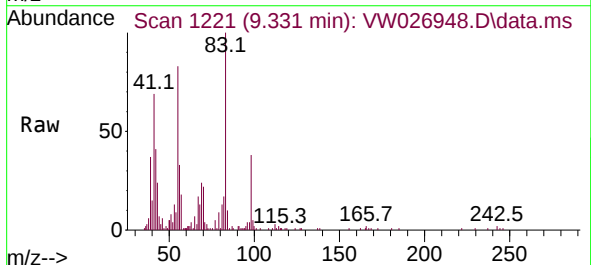
Instrument :
MSVOA_W
ClientSampleId :

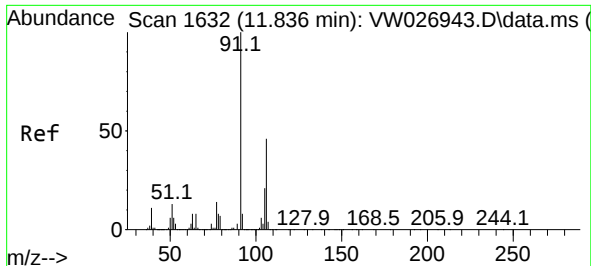
Tgt Ion: 83 Resp: 30110
Ion Ratio Lower Upper
83 100
85 61.5 45.4 84.2



#35
Methylcyclohexane
Concen: 1.122 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW026948.D
Acq: 29 Aug 2023 14:11

Tgt Ion: 83 Resp: 13399
Ion Ratio Lower Upper
83 100
55 115.4 69.3 103.9#
98 47.8 37.4 56.0

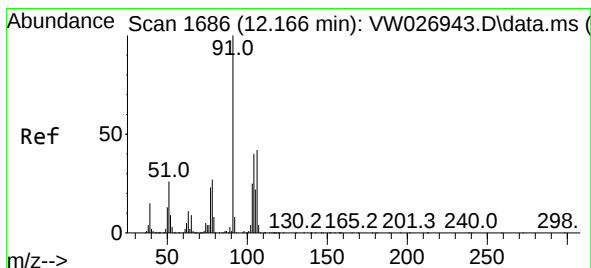
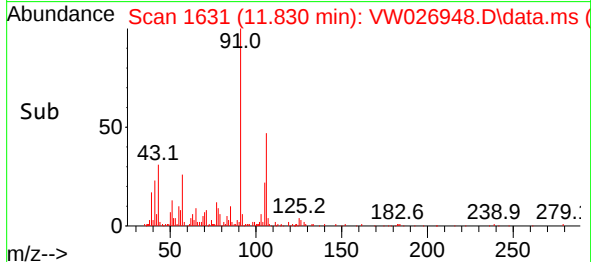
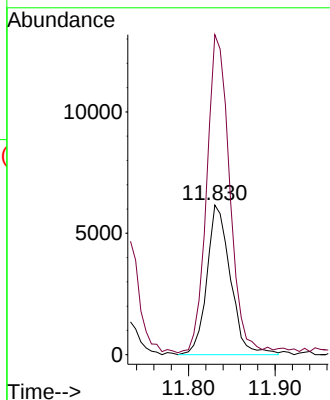
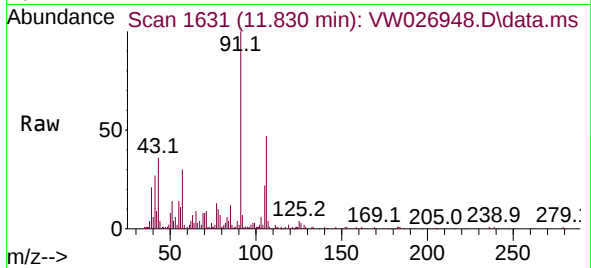




#53
m,p-Xylene
Concen: 1.010 ug/L
RT: 11.830 min Scan# 11632
Delta R.T. -0.006 min
Lab File: VW026948.D
Acq: 29 Aug 2023 14:11

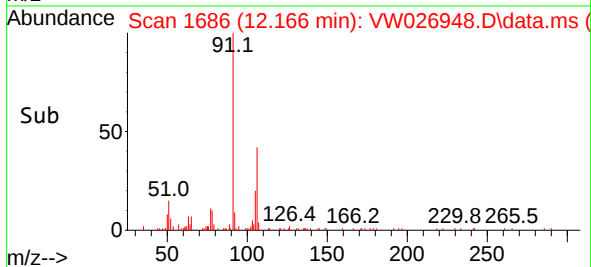
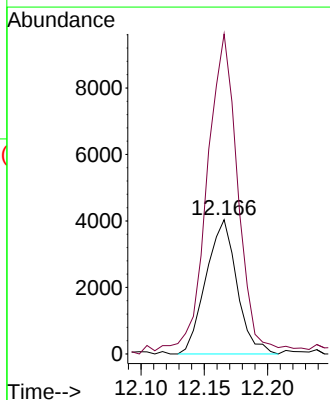
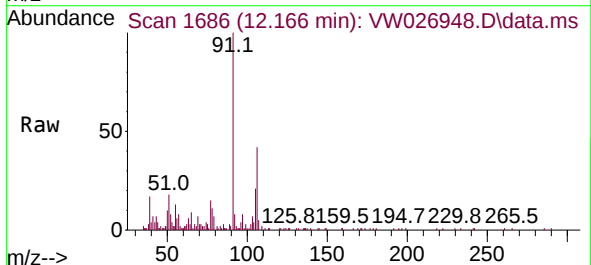
Instrument :
MSVOA_W
ClientSampleId :

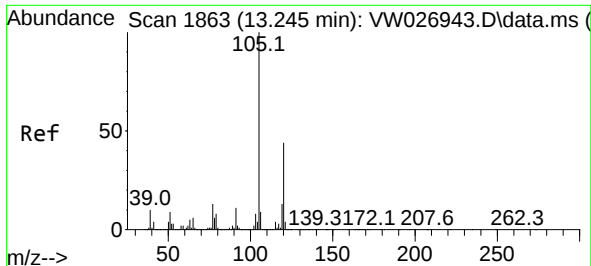
Tgt Ion:106 Resp: 11632
Ion Ratio Lower Upper
106 100
91 213.8 152.9 284.1



#54
o-Xylene
Concen: 0.639 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026948.D
Acq: 29 Aug 2023 14:11

Tgt Ion:106 Resp: 6869
Ion Ratio Lower Upper
106 100
91 238.5 149.9 278.3

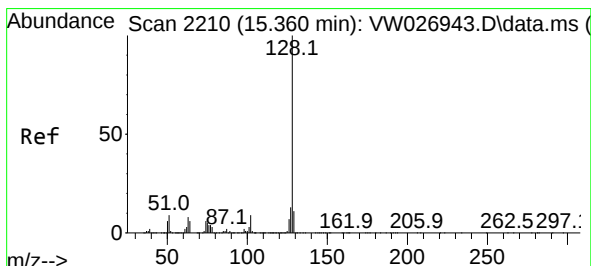
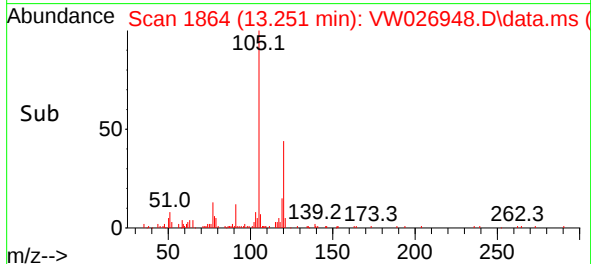
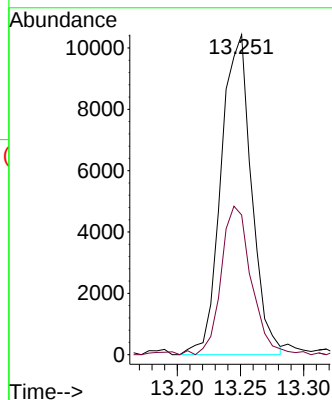
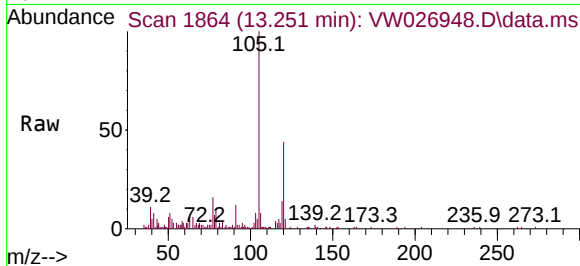




#63
1,2,4-Trimethylbenzene
Concen: 1.095 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026948.D
Acq: 29 Aug 2023 14:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 17459
Ion Ratio Lower Upper
105 100
120 45.7 36.2 54.4



#71
Naphthalene
Concen: 0.824 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026948.D
Acq: 29 Aug 2023 14:11

Tgt Ion:128 Resp: 8061
Ion Ratio Lower Upper
128 100
127 14.3 10.7 16.1
129 12.3 9.0 13.4

