

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025950.D
 Acq On : 11 May 2023 12:38
 Operator : SY/MD
 Sample : 02689-23
 Misc : 2.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREQ0

Quant Time: May 12 05:38:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

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

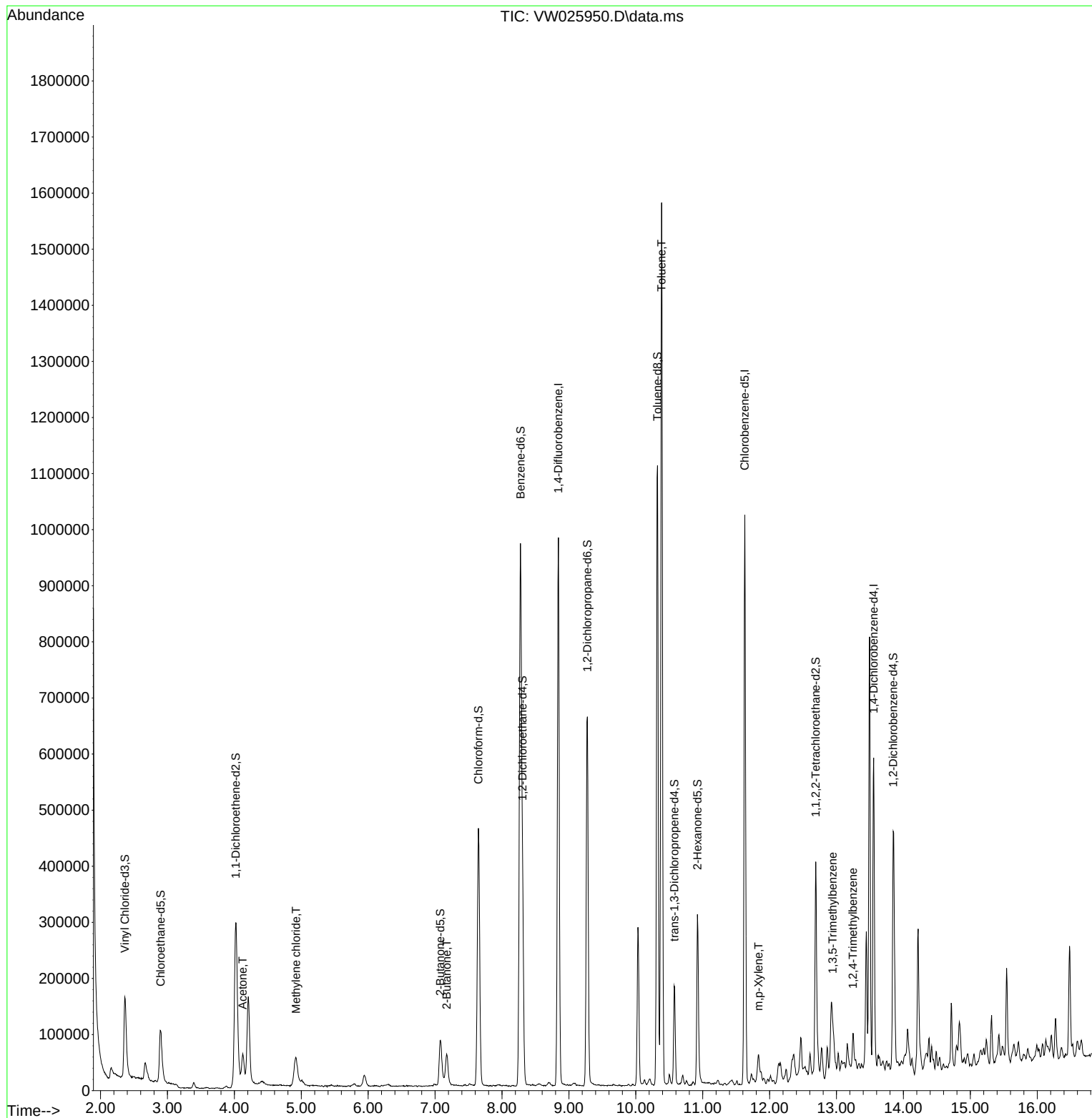
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	756458	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	518147	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134565	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	233031	21.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
7) Chloroethane-d5	2.899	69	152461	19.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.720%
11) 1,1-Dichloroethene-d2	4.021	65	112984	21.049	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	7.075	46	147181	41.533	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.060%
24) Chloroform-d	7.648	84	455920	20.902	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	8.307	65	276666	22.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.720%
32) Benzene-d6	8.276	84	940943	27.792	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.160%
36) 1,2-Dichloropropane-d6	9.276	67	309022	28.527	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.120%
41) Toluene-d8	10.325	98	696672	23.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.320%
43) trans-1,3-Dichloroprop...	10.575	79	94622	21.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.200%
47) 2-Hexanone-d5	10.922	63	99090	53.644	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	178793	21.655	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	102569	20.909	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.640%
Target Compounds						
					Qvalue	
13) Acetone	4.125	43	95980	30.545	ug/L	98
16) Methylene chloride	4.923	84	38715	2.482	ug/L	95
22) 2-Butanone	7.173	43	98087	22.607	ug/L	96
42) Toluene	10.386	91	1092578	29.828	ug/L	98
53) m,p-Xylene	11.837	106	13490	0.890	ug/L	86
62) 1,3,5-Trimethylbenzene	12.940	105	12682	0.783	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	37360	2.499	ug/L	100

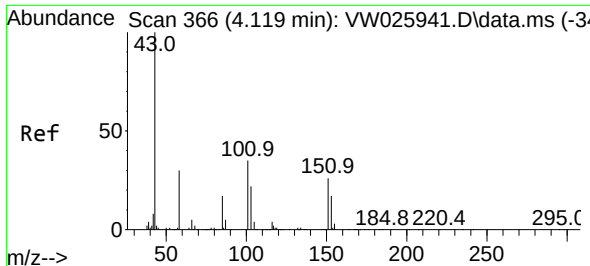
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 12 05:38:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration

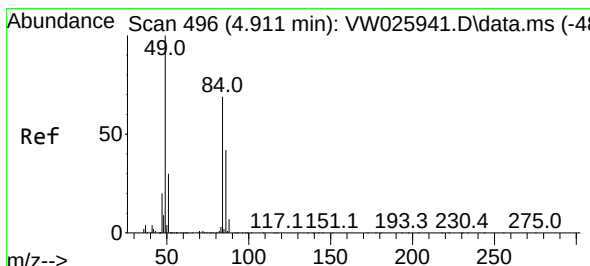
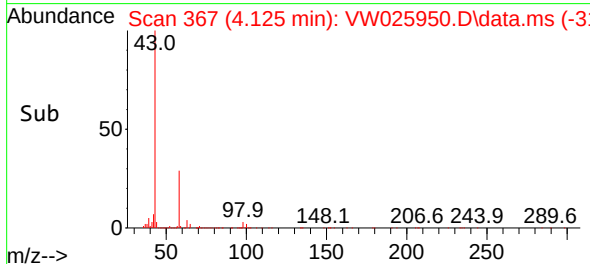
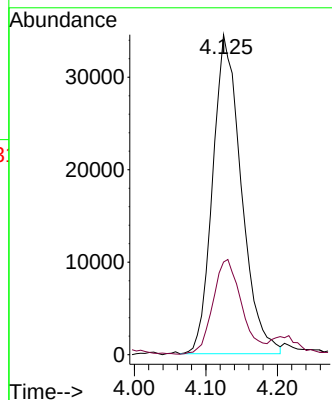
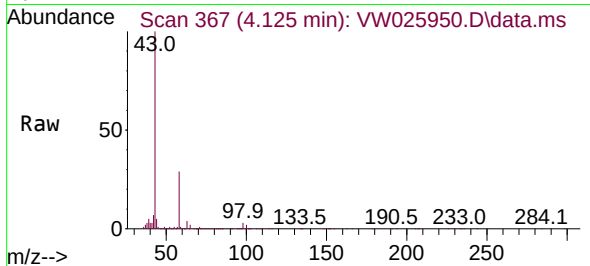




#13
Acetone
Concen: 30.545 ug/L
RT: 4.125 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW025950.D
Acq: 11 May 2023 12:38

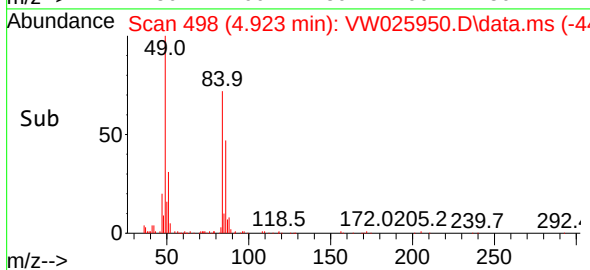
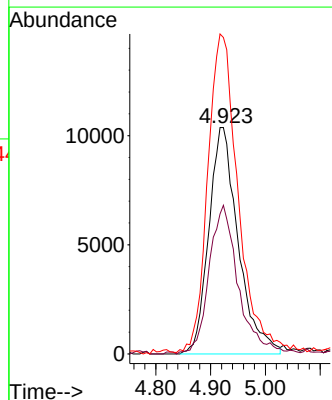
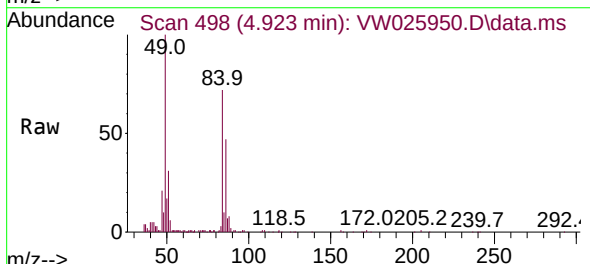
Instrument :
MSVOA_W
ClientSampleId :
JREQ0

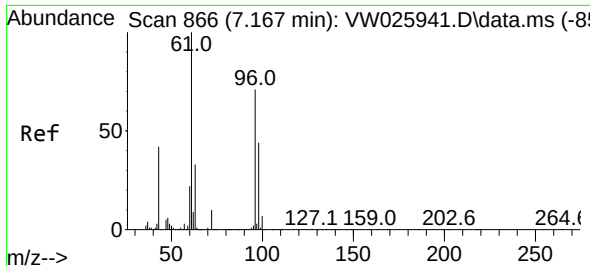
Tgt Ion: 43 Resp: 95980
Ion Ratio Lower Upper
43 100
58 30.0 0.0 58.2



#16
Methylene chloride
Concen: 2.482 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW025950.D
Acq: 11 May 2023 12:38

Tgt Ion: 84 Resp: 38715
Ion Ratio Lower Upper
84 100
86 65.6 41.7 77.5
49 139.8 95.3 177.1

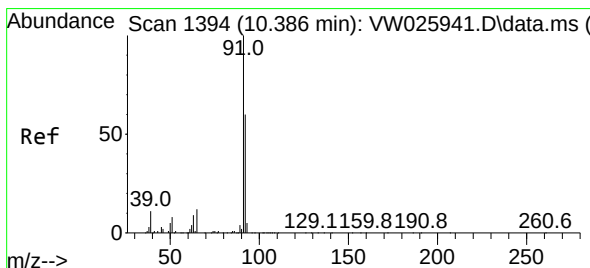
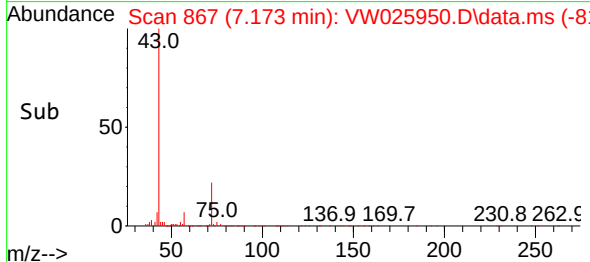
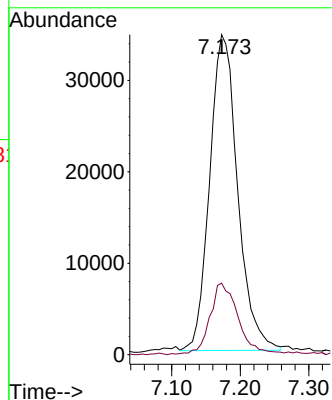
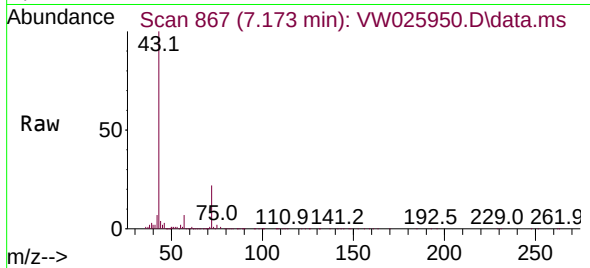




#22
2-Butanone
Concen: 22.607 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025950.D
Acq: 11 May 2023 12:38

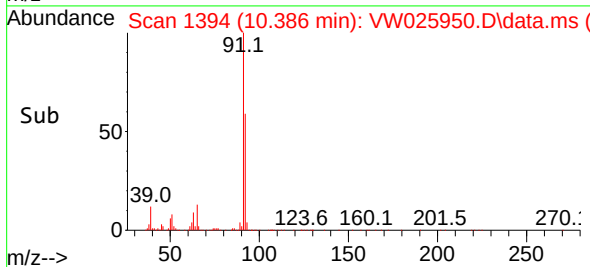
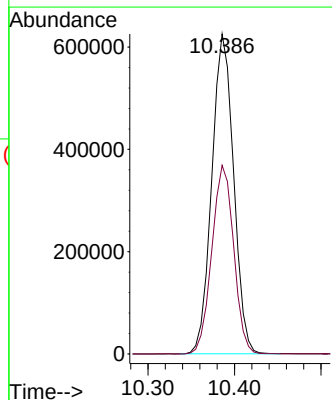
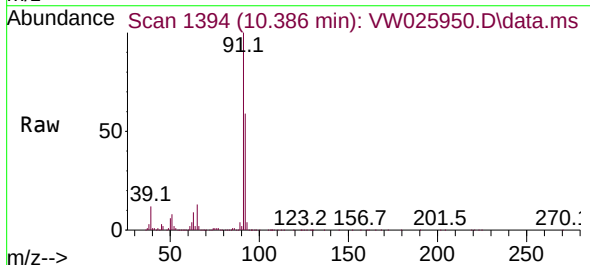
Instrument :
MSVOA_W
ClientSampleId :
JREQ0

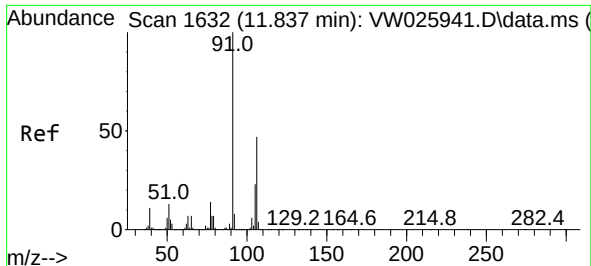
Tgt Ion: 43 Resp: 98087
Ion Ratio Lower Upper
43 100
72 21.7 11.8 35.4



#42
Toluene
Concen: 29.828 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025950.D
Acq: 11 May 2023 12:38

Tgt Ion: 91 Resp: 1092578
Ion Ratio Lower Upper
91 100
92 58.9 40.2 74.6

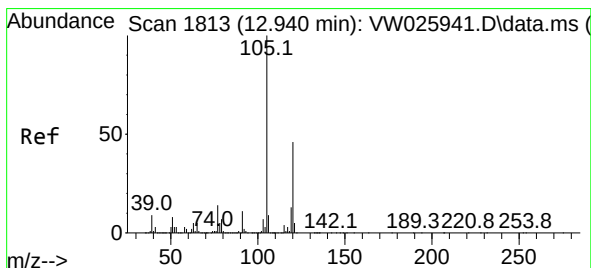
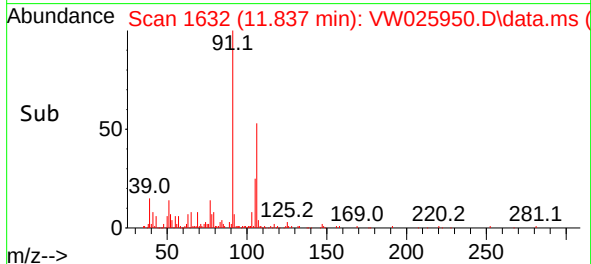
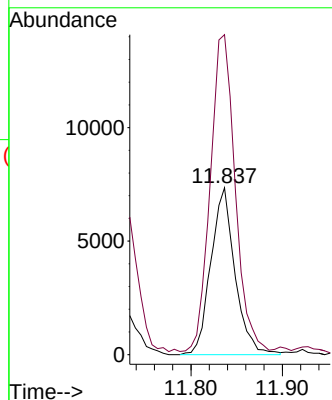
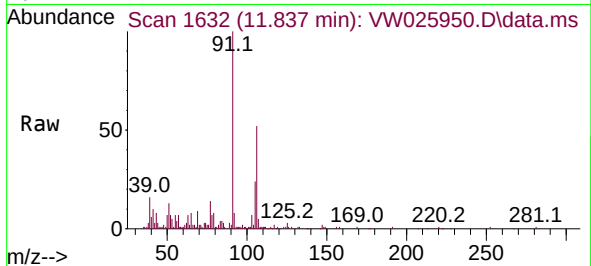




#53
m,p-Xylene
Concen: 0.890 ug/L
RT: 11.837 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW025950.D
Acq: 11 May 2023 12:38

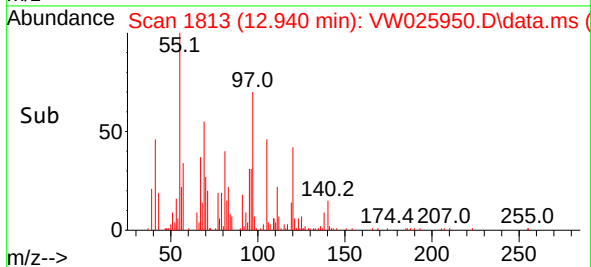
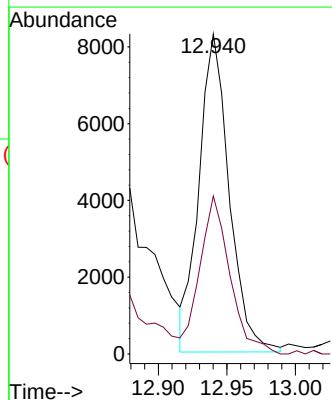
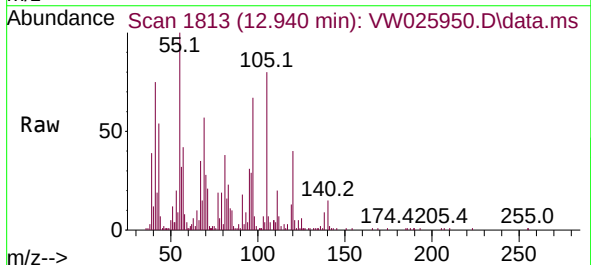
Instrument :
MSVOA_W
ClientSampleId :
JREQ0

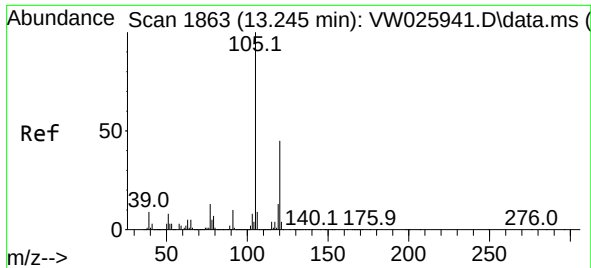
Tgt Ion:106 Resp: 13490
Ion Ratio Lower Upper
106 100
91 191.7 150.1 278.9



#62
1,3,5-Trimethylbenzene
Concen: 0.783 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025950.D
Acq: 11 May 2023 12:38

Tgt Ion:105 Resp: 12682
Ion Ratio Lower Upper
105 100
120 49.5 37.1 55.7





#63
 1,2,4-Trimethylbenzene
 Concen: 2.499 ug/L
 RT: 13.245 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025950.D
 Acq: 11 May 2023 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 JREQ0

Tgt Ion:105 Resp: 37360
 Ion Ratio Lower Upper
 105 100
 120 43.3 34.7 52.1

