

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051222\
 Data File : VW023005.D
 Acq On : 12 May 2022 16:41
 Operator : SY/VA
 Sample : N2766-15
 Misc : 5.66g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 13 01:13:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 13 01:10:05 2022
 Response via : Initial Calibration

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

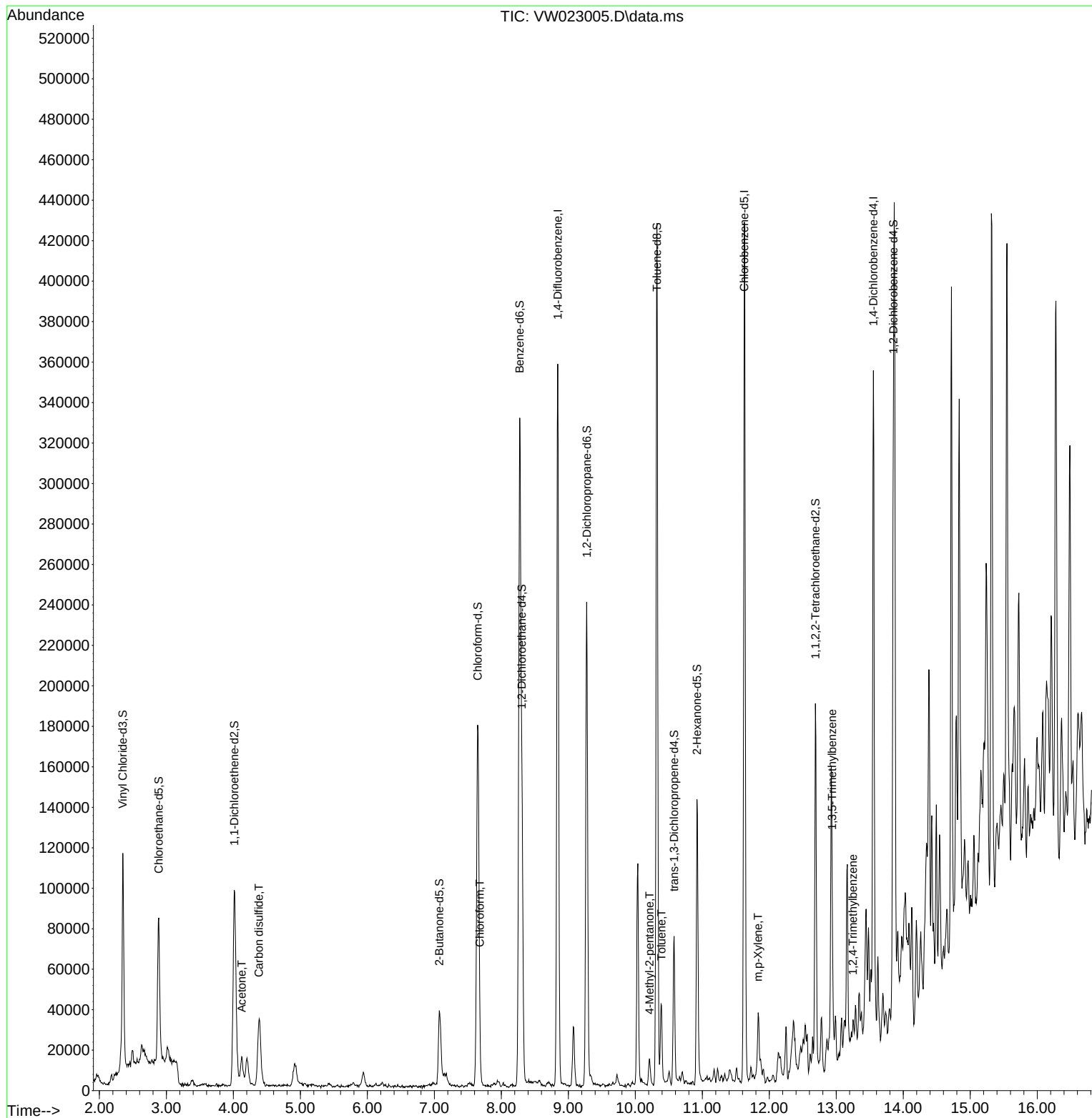
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	291069	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	232097	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72152	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	99900	16.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.920%
7) Chloroethane-d5	2.885	69	86313	22.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.880%
11) 1,1-Dichloroethene-d2	4.013	63	96694	12.531	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.120%
21) 2-Butanone-d5	7.074	46	61084	53.799	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.600%
24) Chloroform-d	7.647	84	181450	21.278	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.120%
26) 1,2-Dichloroethane-d4	8.305	65	104509	22.345	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.360%
32) Benzene-d6	8.275	84	330495	24.705	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	9.275	67	103567	27.560	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.240%
41) Toluene-d8	10.323	98	278452	21.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	10.579	79	36344	21.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.000%
47) 2-Hexanone-d5	10.921	63	47060	65.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.200%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	80009	22.843	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	59576	23.621	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.480%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	22814	26.838	ug/L	91
14) Carbon disulfide	4.379	76	67195	6.575	ug/L	100
25) Chloroform	7.677	83	8616	1.096	ug/L	82
40) 4-Methyl-2-pentanone	10.213	43	8344	4.001	ug/L	98
42) Toluene	10.390	91	28172	1.839	ug/L	96
53) m,p-Xylene	11.829	106	4343	0.647	ug/L	82
62) 1,3,5-Trimethylbenzene	12.939	105	4707	0.856	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	8070	0.977	ug/L	94

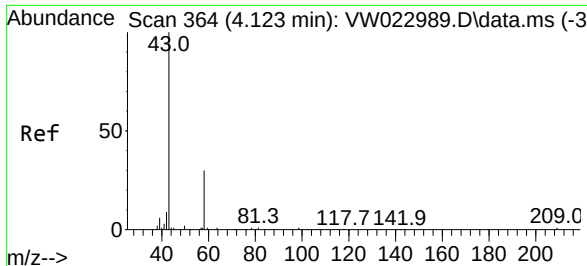
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

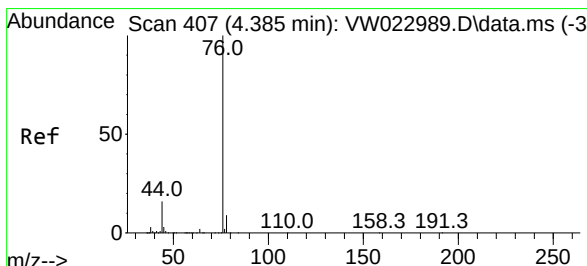
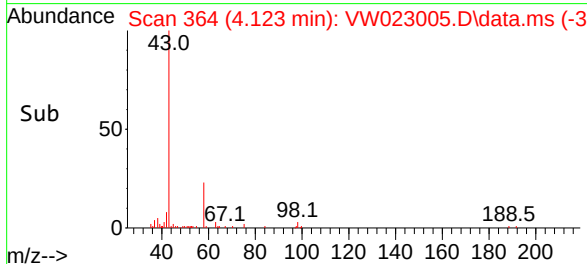
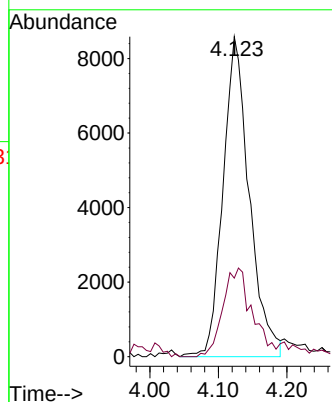
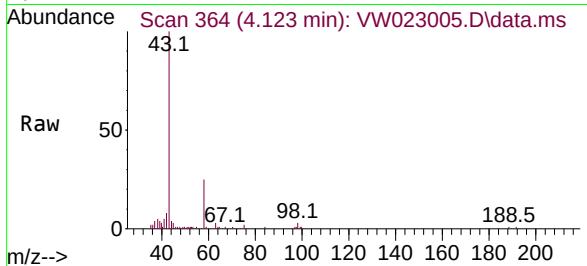




#13
Acetone
Concen: 26.838 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW023005.D
Acq: 12 May 2022 16:41

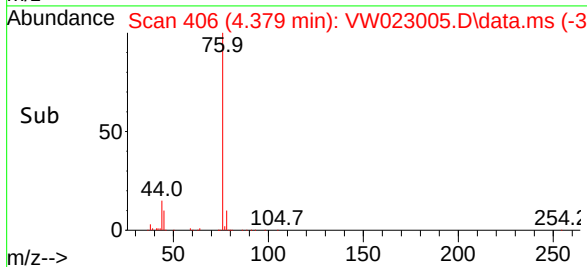
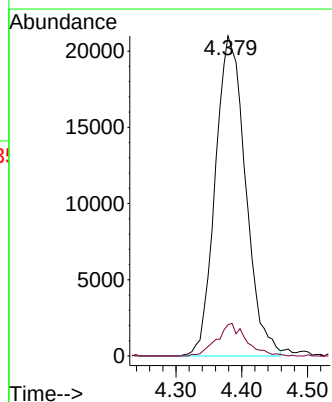
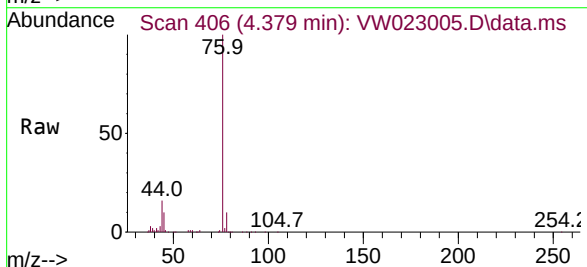
Instrument :
MSVOA_W
ClientSampleId :

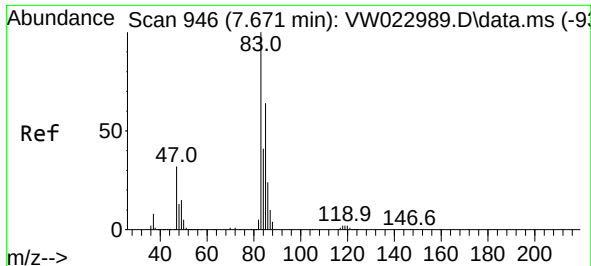
Tgt Ion: 43 Resp: 22814
Ion Ratio Lower Upper
43 100
58 27.0 0.0 64.0



#14
Carbon disulfide
Concen: 6.575 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023005.D
Acq: 12 May 2022 16:41

Tgt Ion: 76 Resp: 67195
Ion Ratio Lower Upper
76 100
78 9.8 7.7 11.5

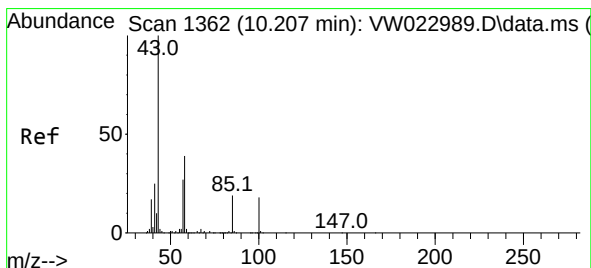
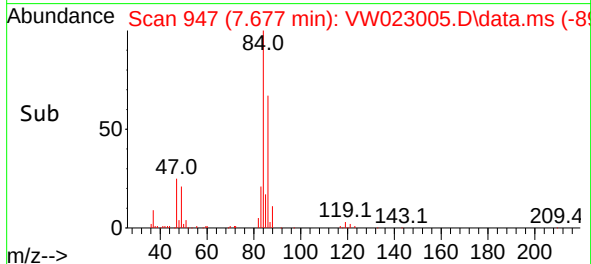
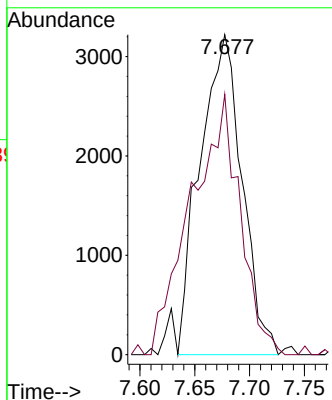
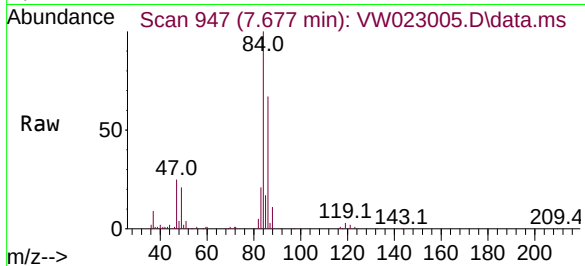




#25
Chloroform
Concen: 1.096 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023005.D
Acq: 12 May 2022 16:41

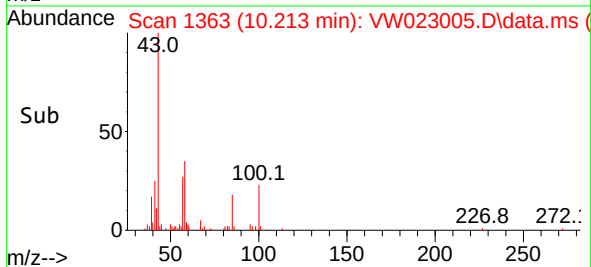
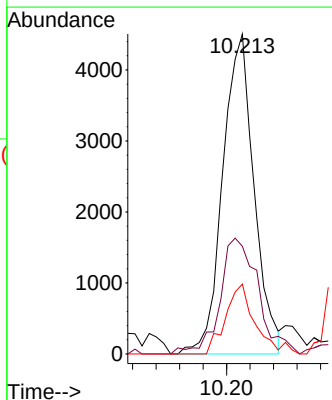
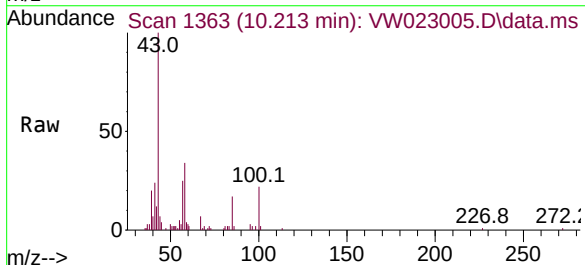
Instrument :
MSVOA_W
ClientSampleId :

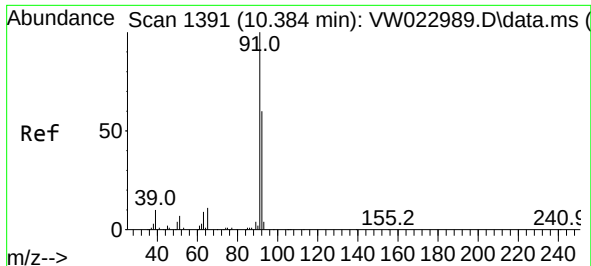
Tgt Ion: 83 Resp: 8616
Ion Ratio Lower Upper
83 100
85 81.4 46.6 86.6



#40
4-Methyl-2-pentanone
Concen: 4.001 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW023005.D
Acq: 12 May 2022 16:41

Tgt Ion: 43 Resp: 8344
Ion Ratio Lower Upper
43 100
58 40.3 31.4 47.2
100 19.7 14.2 21.4

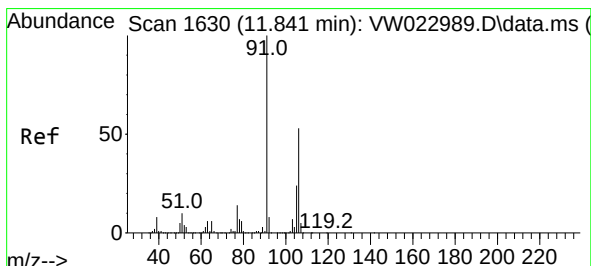
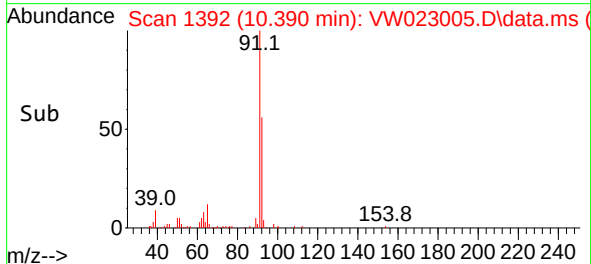
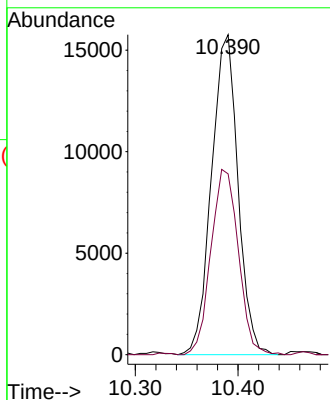
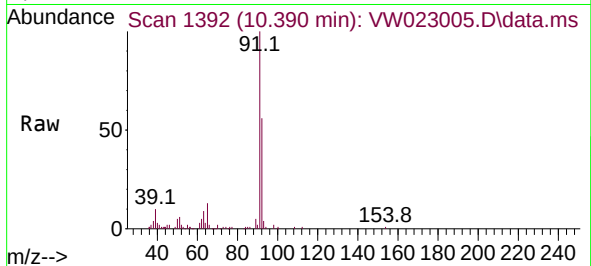




#42
Toluene
Concen: 1.839 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW023005.D
Acq: 12 May 2022 16:41

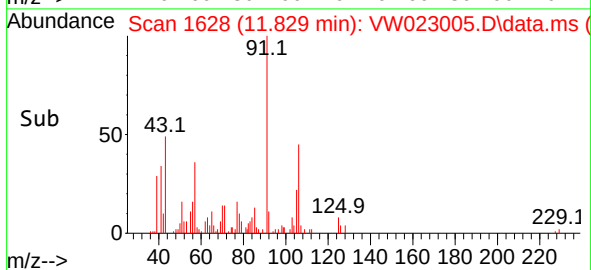
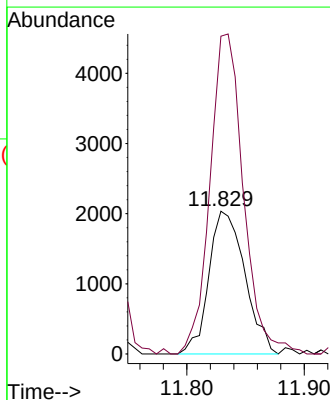
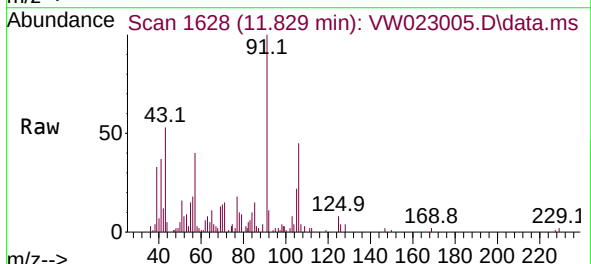
Instrument :
MSVOA_W
ClientSampleId :

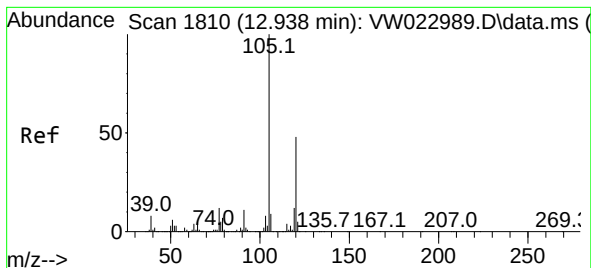
Tgt Ion: 91 Resp: 28172
Ion Ratio Lower Upper
91 100
92 56.5 41.6 77.2



#53
m,p-Xylene
Concen: 0.647 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.012 min
Lab File: VW023005.D
Acq: 12 May 2022 16:41

Tgt Ion: 106 Resp: 4343
Ion Ratio Lower Upper
106 100
91 222.7 136.8 254.0





#62

1,3,5-Trimethylbenzene

Concen: 0.856 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023005.D

Acq: 12 May 2022 16:41

Instrument :

MSVOA_W

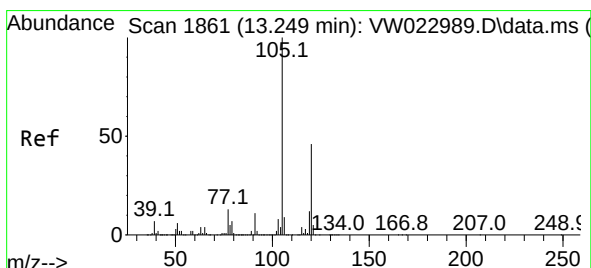
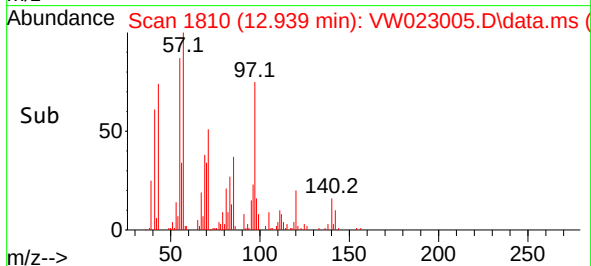
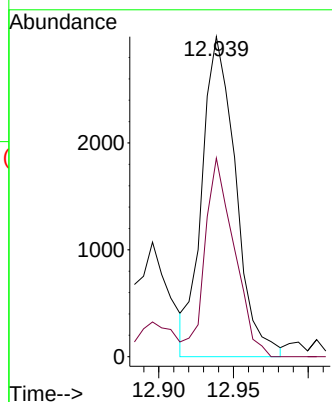
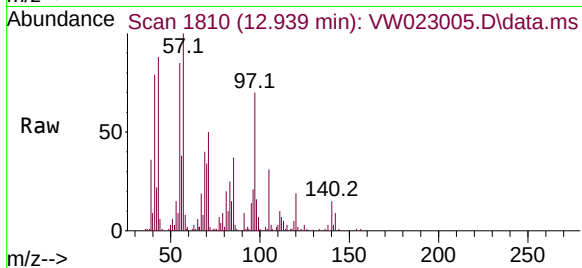
ClientSampleId :

Tgt Ion:105 Resp: 4707

Ion Ratio Lower Upper

105 100

120 53.9 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 0.977 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023005.D

Acq: 12 May 2022 16:41

Tgt Ion:105 Resp: 8070

Ion Ratio Lower Upper

105 100

120 42.5 37.4 56.2

