

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024376.D
 Acq On : 27 Aug 2022 03:42
 Operator : SY/VA
 Sample : N4344-23
 Misc : 5.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 05:42:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 27 02:57:08 2022
 Response via : Initial Calibration

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

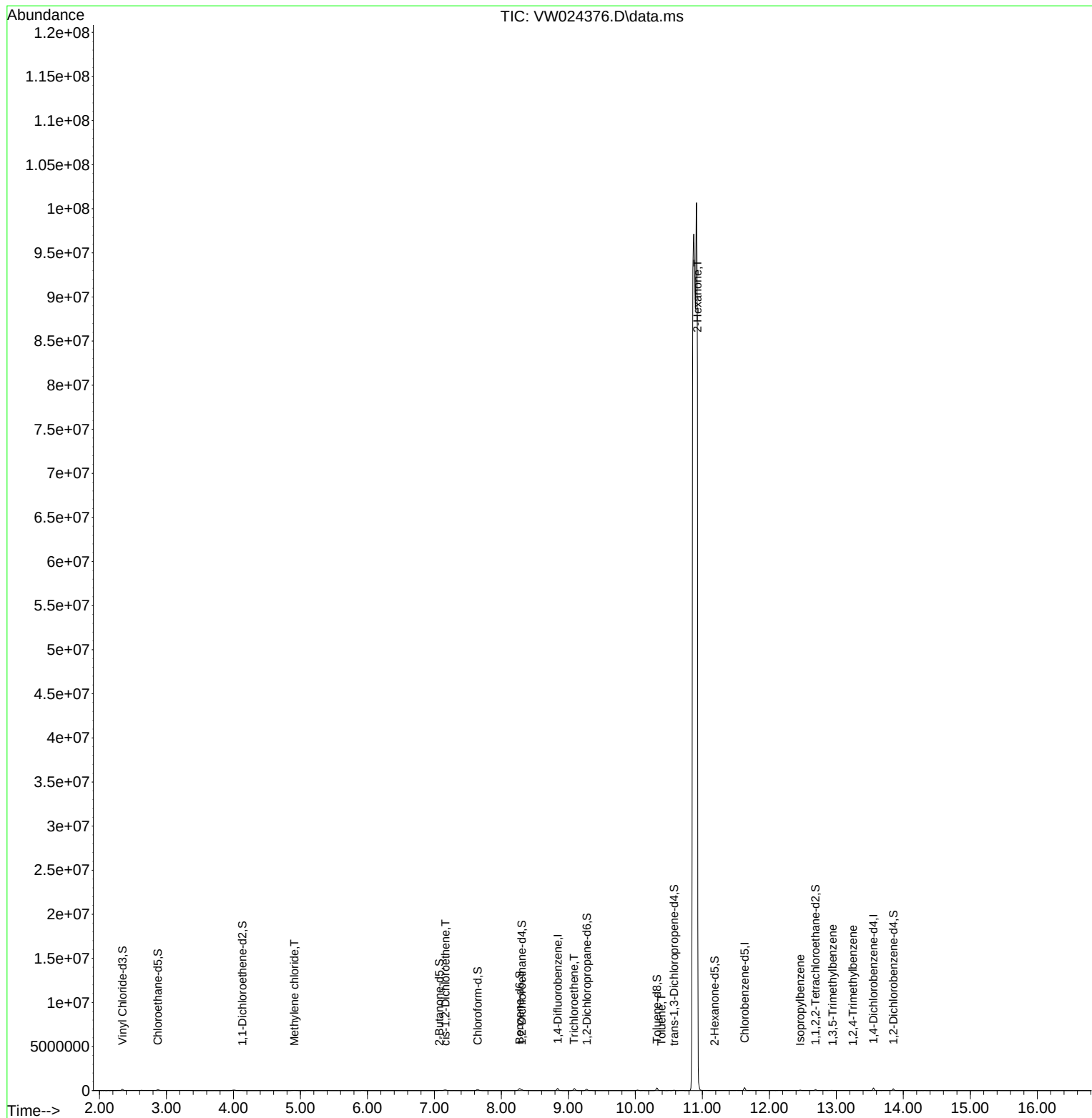
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	183487	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	163537	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68289	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	137065	27.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.400%
7) Chloroethane-d5	2.873	69	98958	26.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.440%
11) 1,1-Dichloroethene-d2	4.135	63	518	0.118	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.480%#
21) 2-Butanone-d5	7.074	46	26941	28.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.840%
24) Chloroform-d	7.647	84	107044	18.146	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	8.305	65	63970	17.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.520%
32) Benzene-d6	8.275	84	211145	22.534	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.120%
36) 1,2-Dichloropropane-d6	9.274	67	64489	22.131	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.520%
41) Toluene-d8	10.323	98	183678	20.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.480%
43) trans-1,3-Dichloroprop...	10.579	79	22291	16.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.400%
47) 2-Hexanone-d5	11.183	63	130	0.199	ug/L	0.26
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.400%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	51957	15.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	45599	17.732	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.920%#
Target Compounds						Qvalue
16) Methylene chloride	4.909	84	13663	4.440	ug/L	79
20) cis-1,2-Dichloroethene	7.165	96	34864	12.221	ug/L #	96
34) Trichloroethene	9.085	95	72895	27.164	ug/L	90
42) Toluene	10.390	91	15188	1.352	ug/L	96
48) 2-Hexanone	10.927	43	7128	5.172	ug/L #	85
60) Isopropylbenzene	12.463	105	35198	3.881	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	3563	0.487	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	3401	0.479	ug/L	98

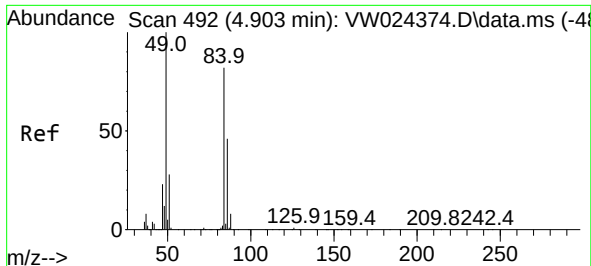
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

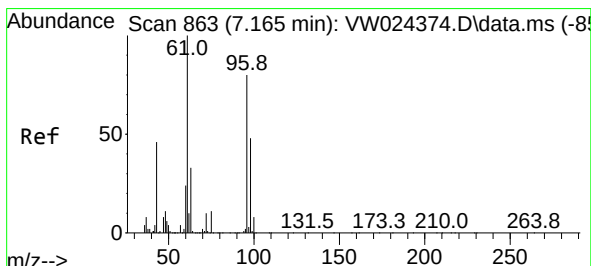
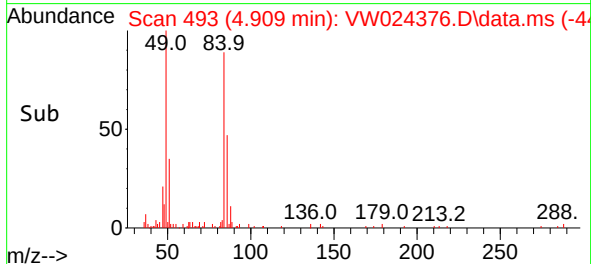
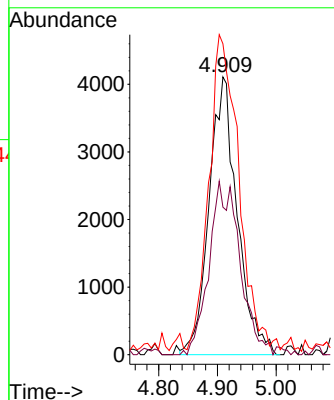
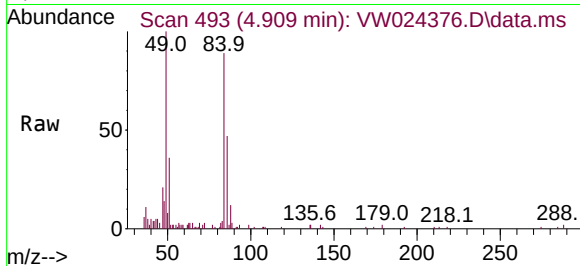




#16
Methylene chloride
Concen: 4.440 ug/L
RT: 4.909 min Scan# 492
Delta R.T. 0.006 min
Lab File: VW024376.D
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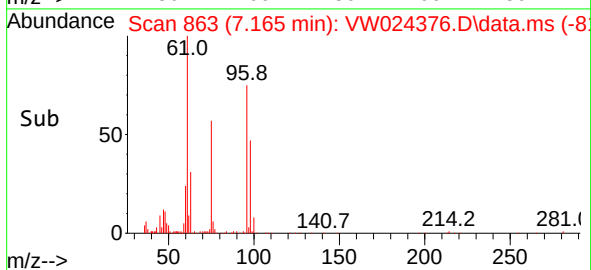
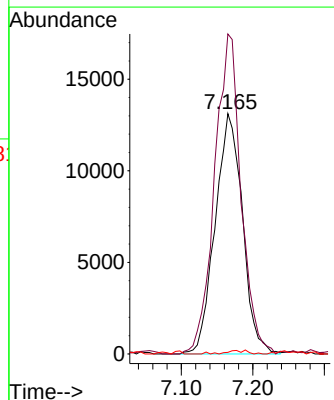
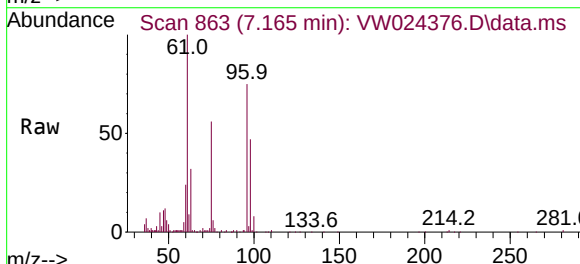
Instrument :
MSVOA_W
ClientSampleId :

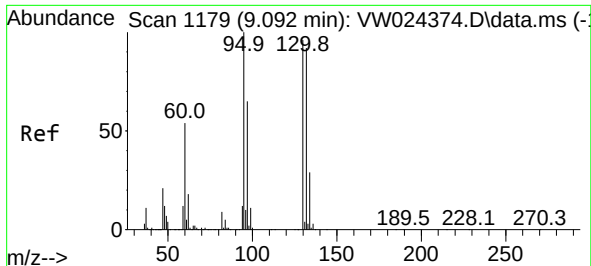
Tgt Ion: 84 Resp: 13663
Ion Ratio Lower Upper
84 100
86 53.1 47.7 88.7
49 111.9 96.6 179.4



#20
cis-1,2-Dichloroethene
Concen: 12.221 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW024376.D
Acq: 27 Aug 2022 03:42

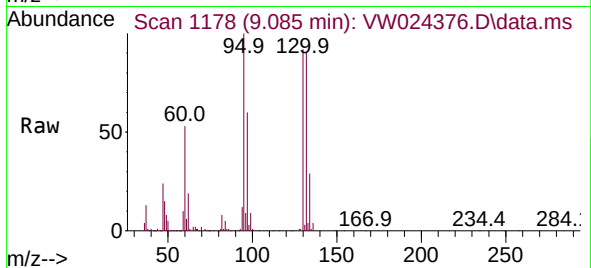
Tgt Ion: 96 Resp: 34864
Ion Ratio Lower Upper
96 100
61 133.1 90.2 167.6
68 0.7 0.0 0.0#



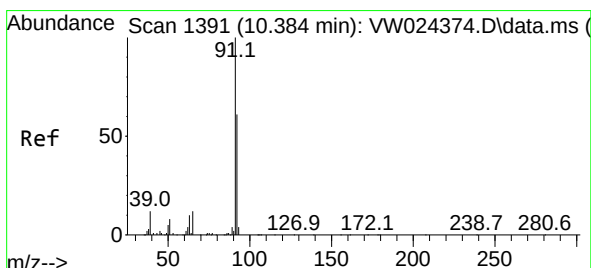
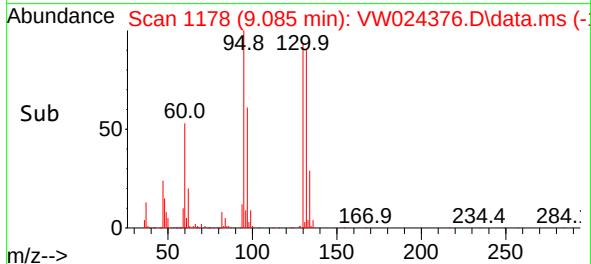
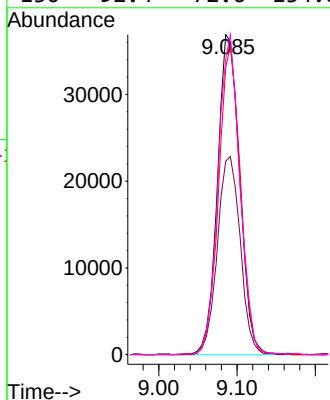


#34
 Trichloroethene
 Concen: 27.164 ug/L
 RT: 9.085 min Scan# 1178
 Delta R.T. -0.006 min
 Lab File: VW024376.D
 Acq: 27 Aug 2022 03:42

Instrument :
 MSVOA_W
 ClientSampleId :

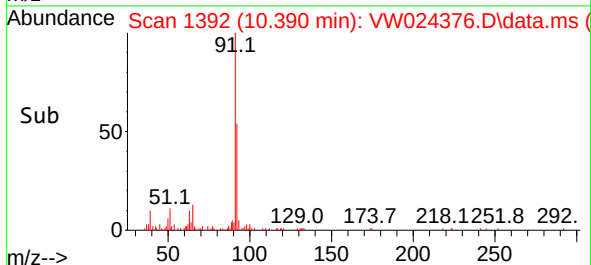
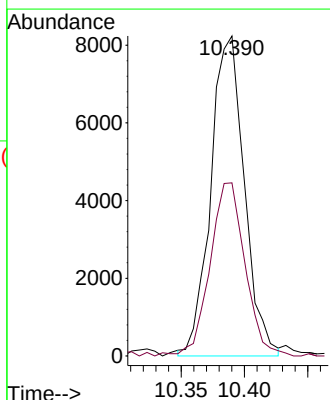
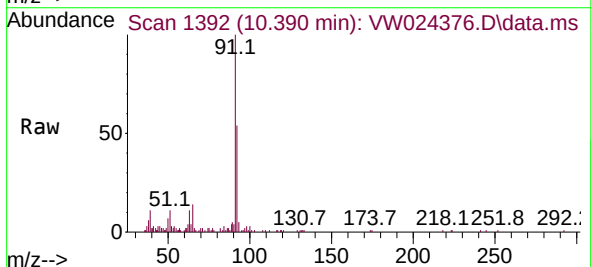


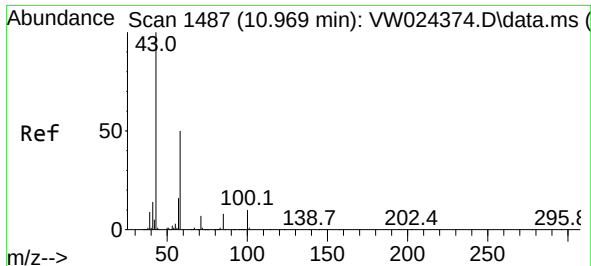
Tgt Ion: 95	Resp: 72895
Ion Ratio	Lower Upper
95 100	
97 60.5	48.4 89.8
132 89.8	68.6 127.4
130 92.4	72.6 134.8



#42
 Toluene
 Concen: 1.352 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.006 min
 Lab File: VW024376.D
 Acq: 27 Aug 2022 03:42

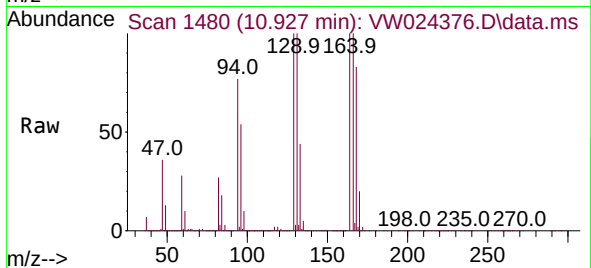
Tgt Ion: 91	Resp: 15188
Ion Ratio	Lower Upper
91 100	
92 54.1	40.0 74.4



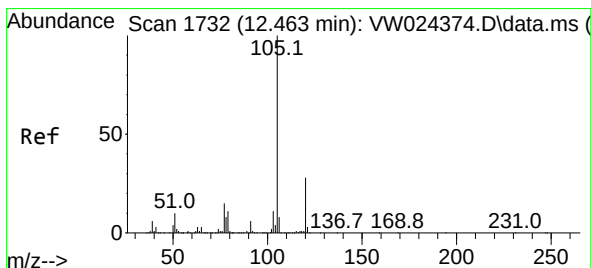
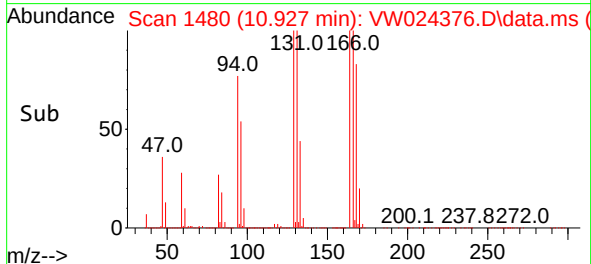
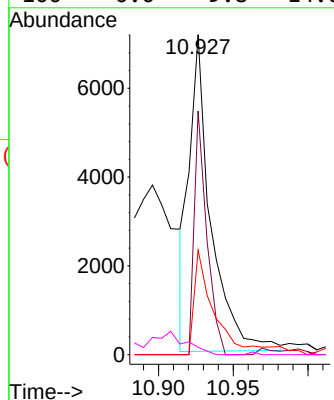


#48
2-Hexanone
Concen: 5.172 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW024376.D
Acq: 27 Aug 2022 03:42

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MSVOA_W
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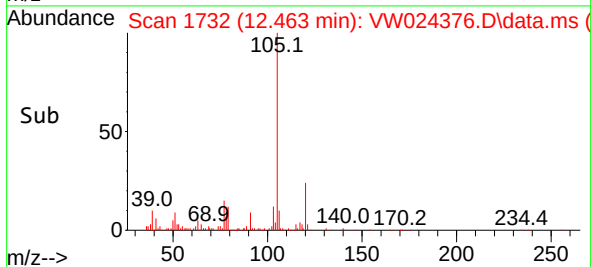
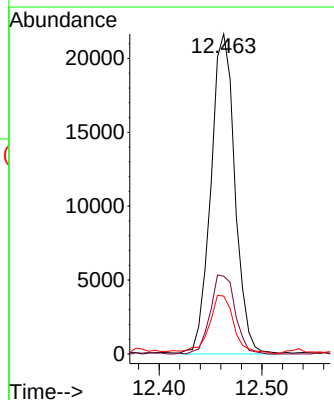
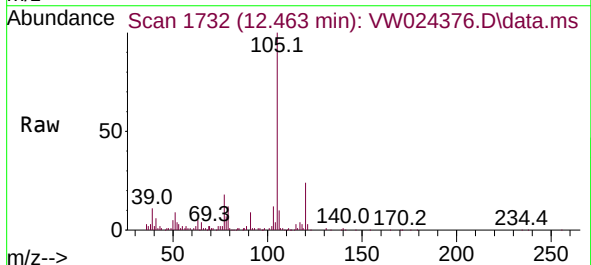


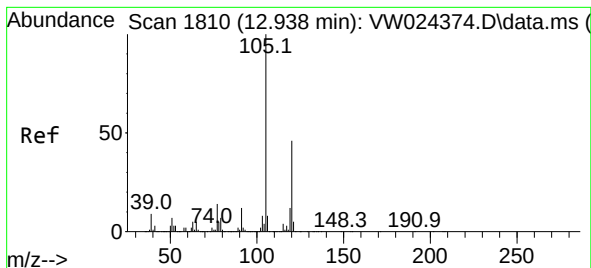
Tgt Ion: 43 Resp: 7128
Ion Ratio Lower Upper
43 100
58 45.0 40.6 61.0
57 28.1 14.2 21.2#
100 0.0 9.8 14.6#



#60
Isopropylbenzene
Concen: 3.881 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024376.D
Acq: 27 Aug 2022 03:42

Tgt Ion: 105 Resp: 35198
Ion Ratio Lower Upper
105 100
120 25.5 21.4 32.0
77 19.0 13.0 19.6





#62

1,3,5-Trimethylbenzene

Concen: 0.487 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW024376.D

Acq: 27 Aug 2022 03:42

Instrument :

MSVOA_W

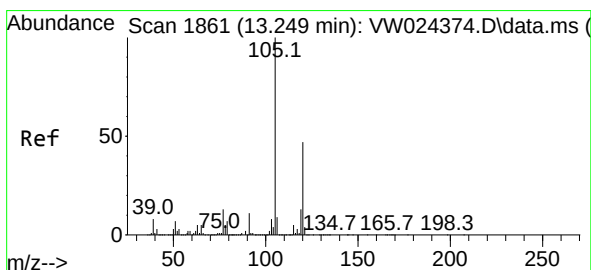
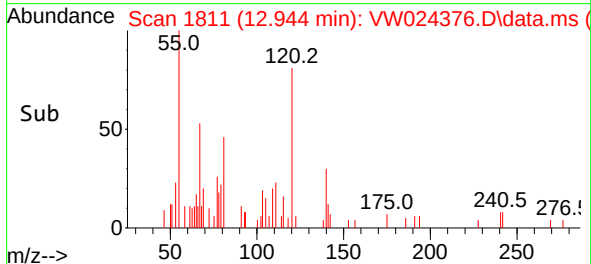
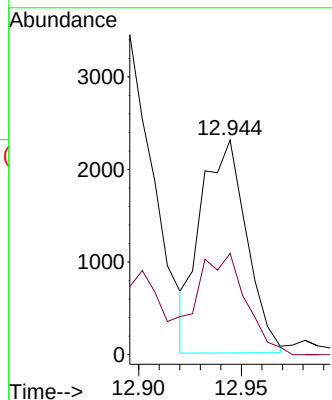
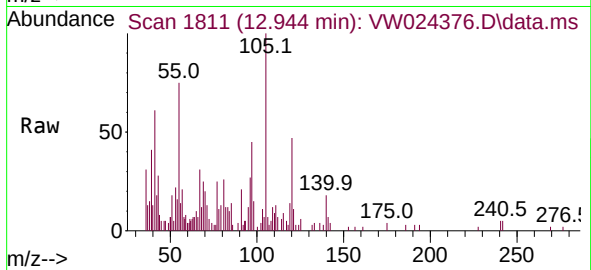
ClientSampleId :

Tgt Ion:105 Resp: 3563

Ion Ratio Lower Upper

105 100

120 48.6 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 0.479 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024376.D

Acq: 27 Aug 2022 03:42

Tgt Ion:105 Resp: 3401

Ion Ratio Lower Upper

105 100

120 43.9 36.2 54.2

