

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021584.D
 Acq On : 23 Dec 2021 00:30
 Operator : SY/VA
 Sample : M3213-08
 Misc : 5.57g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 03:40:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 02:55:43 2021
 Response via : Initial Calibration

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

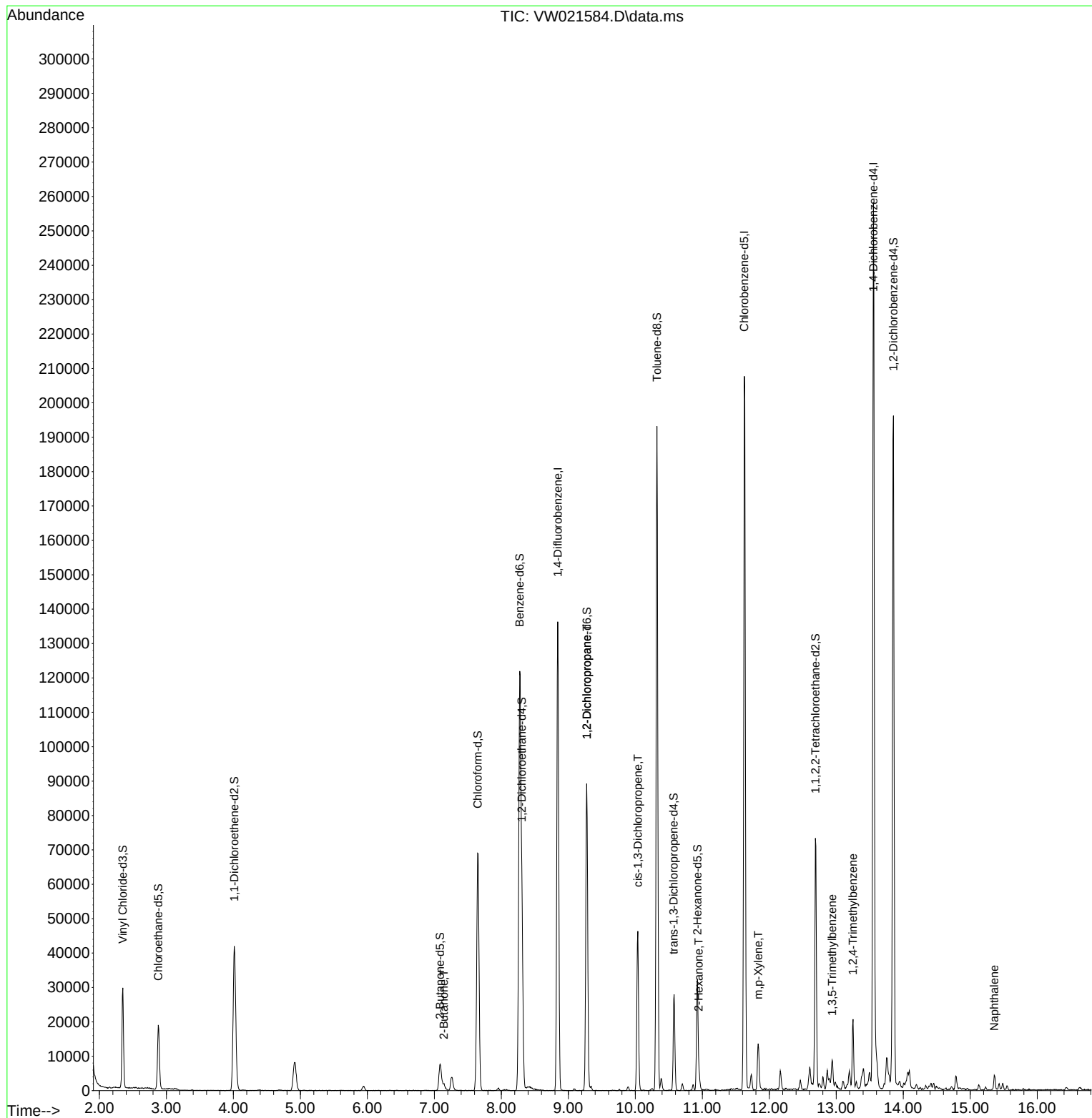
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	117197	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	117029	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	66928	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27898	13.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.280%
7) Chloroethane-d5	2.879	69	20579	14.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.320%
11) 1,1-Dichloroethene-d2	4.013	63	39355	13.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.320%
21) 2-Butanone-d5	7.086	46	13160	43.739	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.480%
24) Chloroform-d	7.647	84	69979	21.426	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.720%
26) 1,2-Dichloroethane-d4	8.305	65	40688	23.420	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.680%
32) Benzene-d6	8.275	84	126029	19.647	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	9.274	67	38270	22.245	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.000%
41) Toluene-d8	10.323	98	125992	19.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.880%
43) trans-1,3-Dichloroprop...	10.573	79	15336	19.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.440%
47) 2-Hexanone-d5	10.927	63	10397	40.869	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.740%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32594	22.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	52402	20.203	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.800%
Target Compounds					Qvalue	
22) 2-Butanone	7.141	43	871	2.473	ug/L	# 52
37) 1,2-Dichloropropane	9.274	63	4928	3.465	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1386	0.618	ug/L	# 80
48) 2-Hexanone	10.945	43	1538	2.737	ug/L	# 41
53) m,p-Xylene	11.835	106	4319	1.257	ug/L	81
62) 1,3,5-Trimethylbenzene	12.938	105	3801	0.491	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	10838	1.420	ug/L	98
71) Naphthalene	15.359	128	4264	1.018	ug/L	98

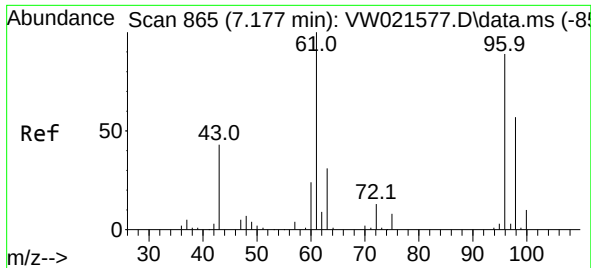
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Dec 23 02:55:43 2021
Response via : Initial Calibration

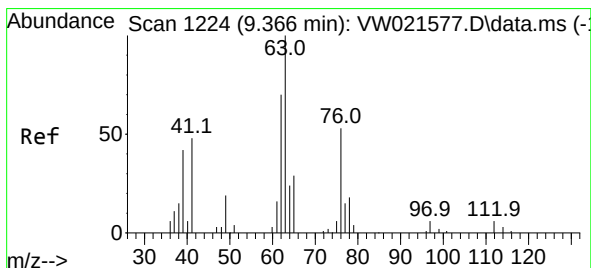
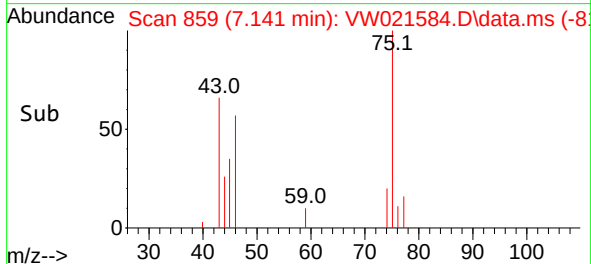
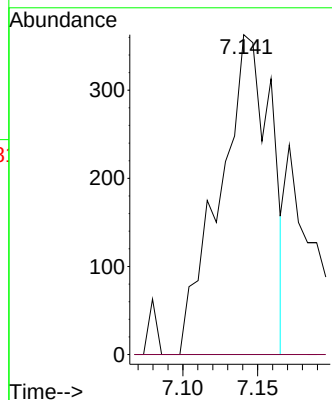
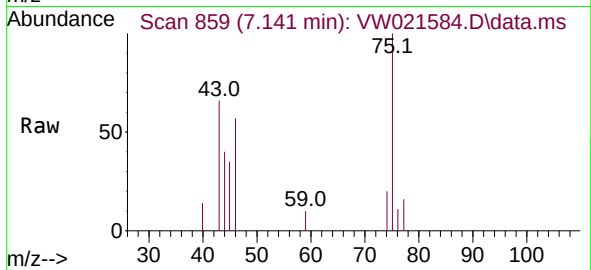




#22
2-Butanone
Concen: 2.473 ug/L
RT: 7.141 min Scan# 81
Delta R.T. -0.037 min
Lab File: VW021584.D
Acq: 23 Dec 2021 00:30

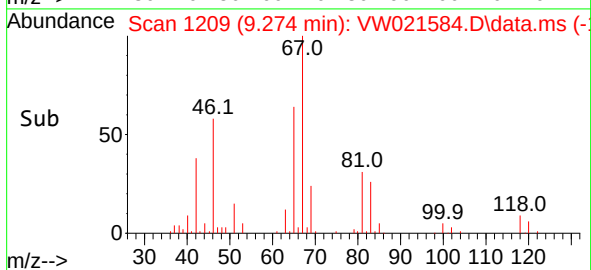
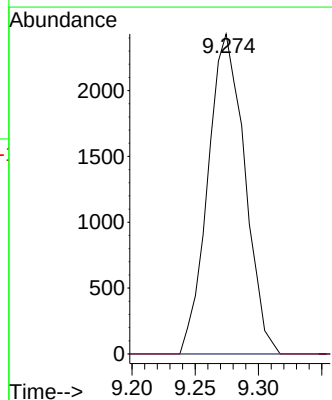
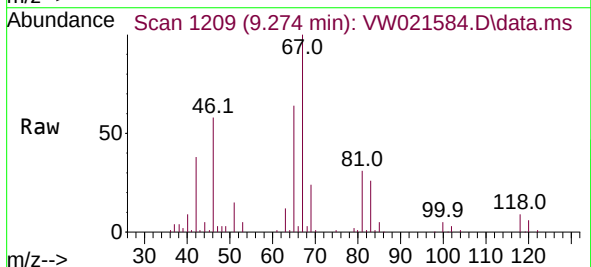
Instrument :
MSVOA_W
ClientSampleId :

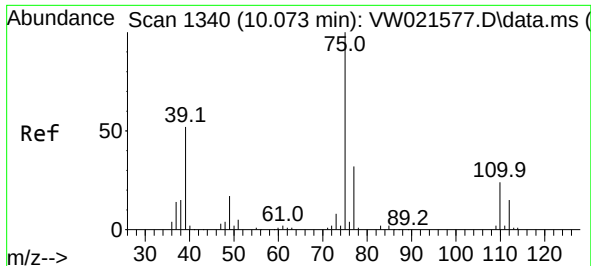
Tgt Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#37
1,2-Dichloropropane
Concen: 3.465 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021584.D
Acq: 23 Dec 2021 00:30

Tgt Ion: 63 Resp: 4928
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.618 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021584.D

Acq: 23 Dec 2021 00:30

Instrument :

MSVOA_W

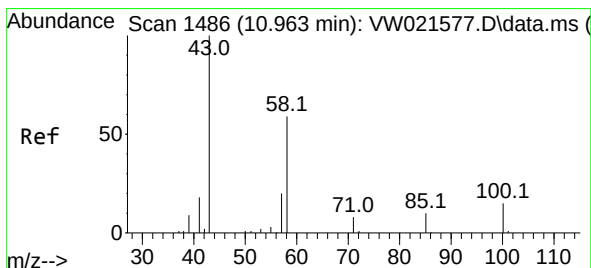
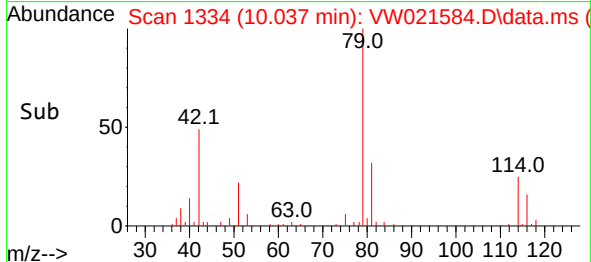
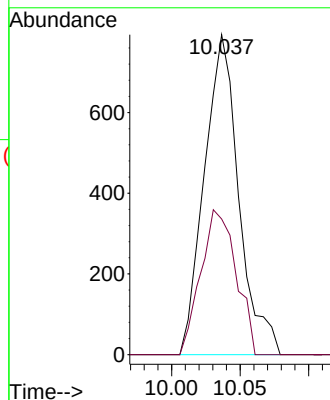
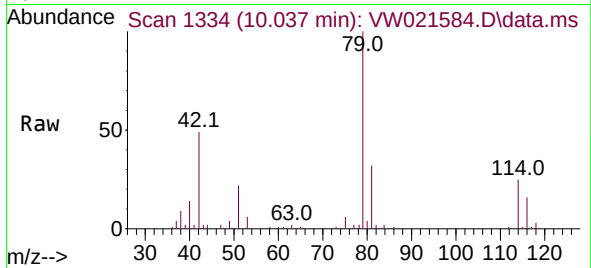
ClientSampleId :

Tgt Ion: 75 Resp: 1386

Ion Ratio Lower Upper

75 100

77 42.4 21.8 40.6#



#48

2-Hexanone

Concen: 2.737 ug/L

RT: 10.945 min Scan# 1483

Delta R.T. -0.018 min

Lab File: VW021584.D

Acq: 23 Dec 2021 00:30

Tgt Ion: 43 Resp: 1538

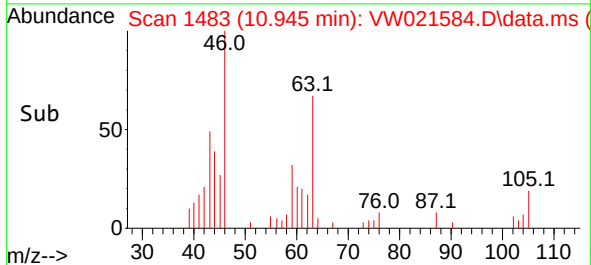
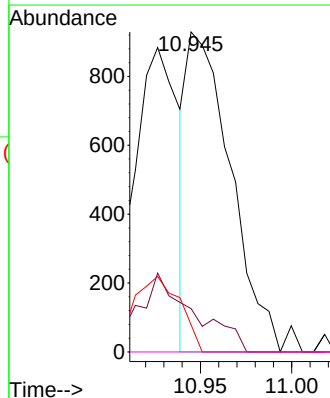
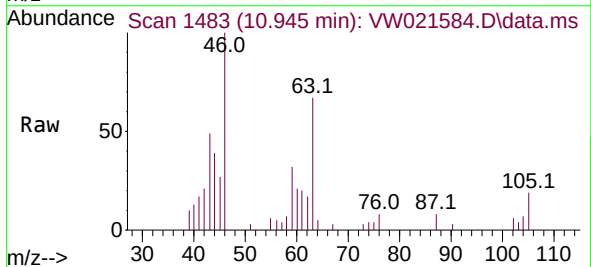
Ion Ratio Lower Upper

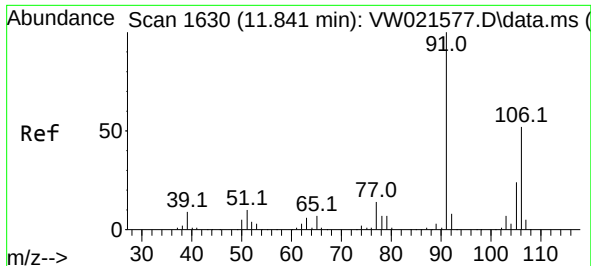
43 100

58 0.0 40.2 60.2#

57 0.0 14.3 21.5#

100 0.0 8.0 12.0#

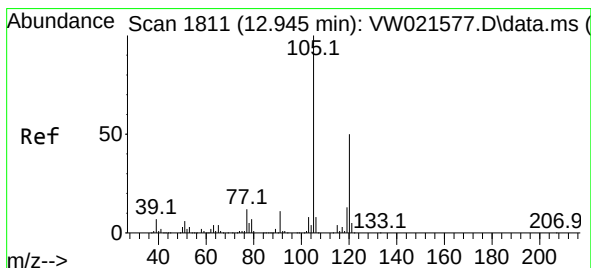
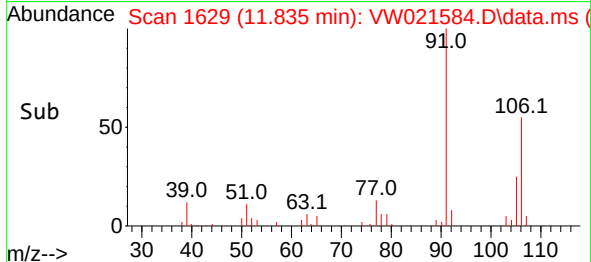
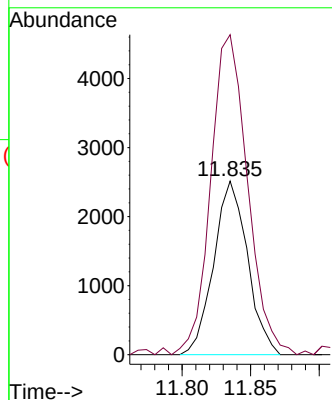
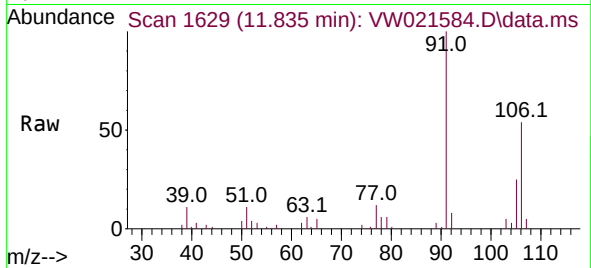




#53
m,p-Xylene
Concen: 1.257 ug/L
RT: 11.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021584.D
Acq: 23 Dec 2021 00:30

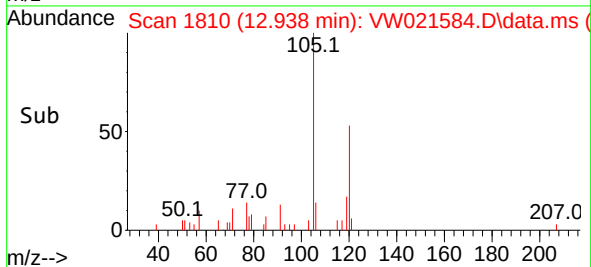
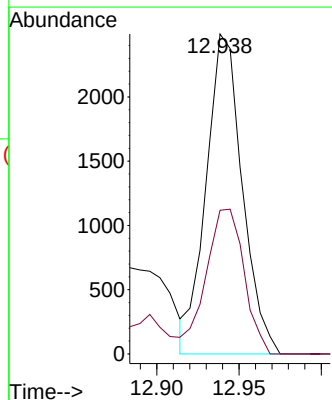
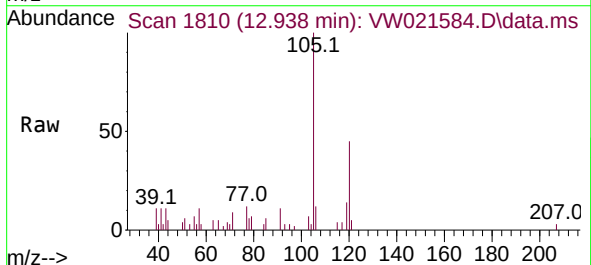
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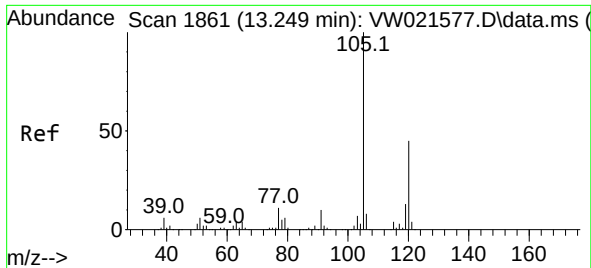
Tgt Ion:106 Resp: 4319
Ion Ratio Lower Upper
106 100
91 184.3 149.9 278.3



#62
1,3,5-Trimethylbenzene
Concen: 0.491 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW021584.D
Acq: 23 Dec 2021 00:30

Tgt Ion:105 Resp: 3801
Ion Ratio Lower Upper
105 100
120 47.6 37.4 56.2

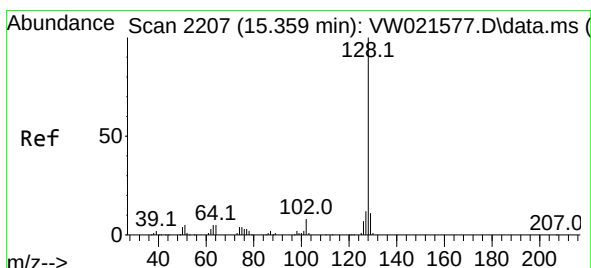
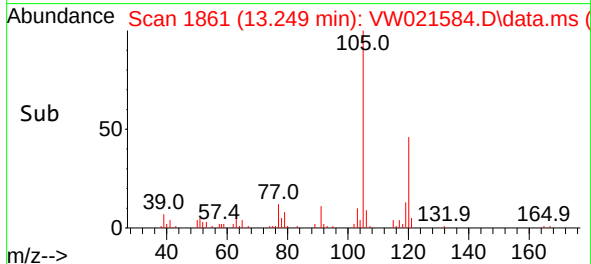
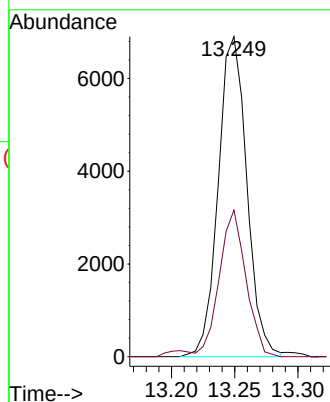
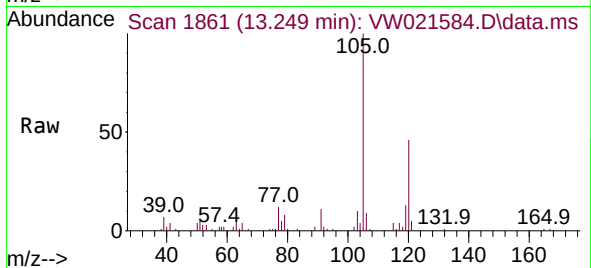




#63
1,2,4-Trimethylbenzene
Concen: 1.420 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021584.D
Acq: 23 Dec 2021 00:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 10838
Ion Ratio Lower Upper
105 100
120 42.6 35.0 52.6



#71
Naphthalene
Concen: 1.018 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW021584.D
Acq: 23 Dec 2021 00:30

Tgt Ion:128 Resp: 4264
Ion Ratio Lower Upper
128 100
127 14.7 10.7 16.1
129 11.0 8.6 12.8

