

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021610.D
 Acq On : 23 Dec 2021 13:39
 Operator : SY/VA
 Sample : M5174-06
 Misc : 3.88g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC17

Quant Time: Dec 24 00:33:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 00:28:54 2021
 Response via : Initial Calibration

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

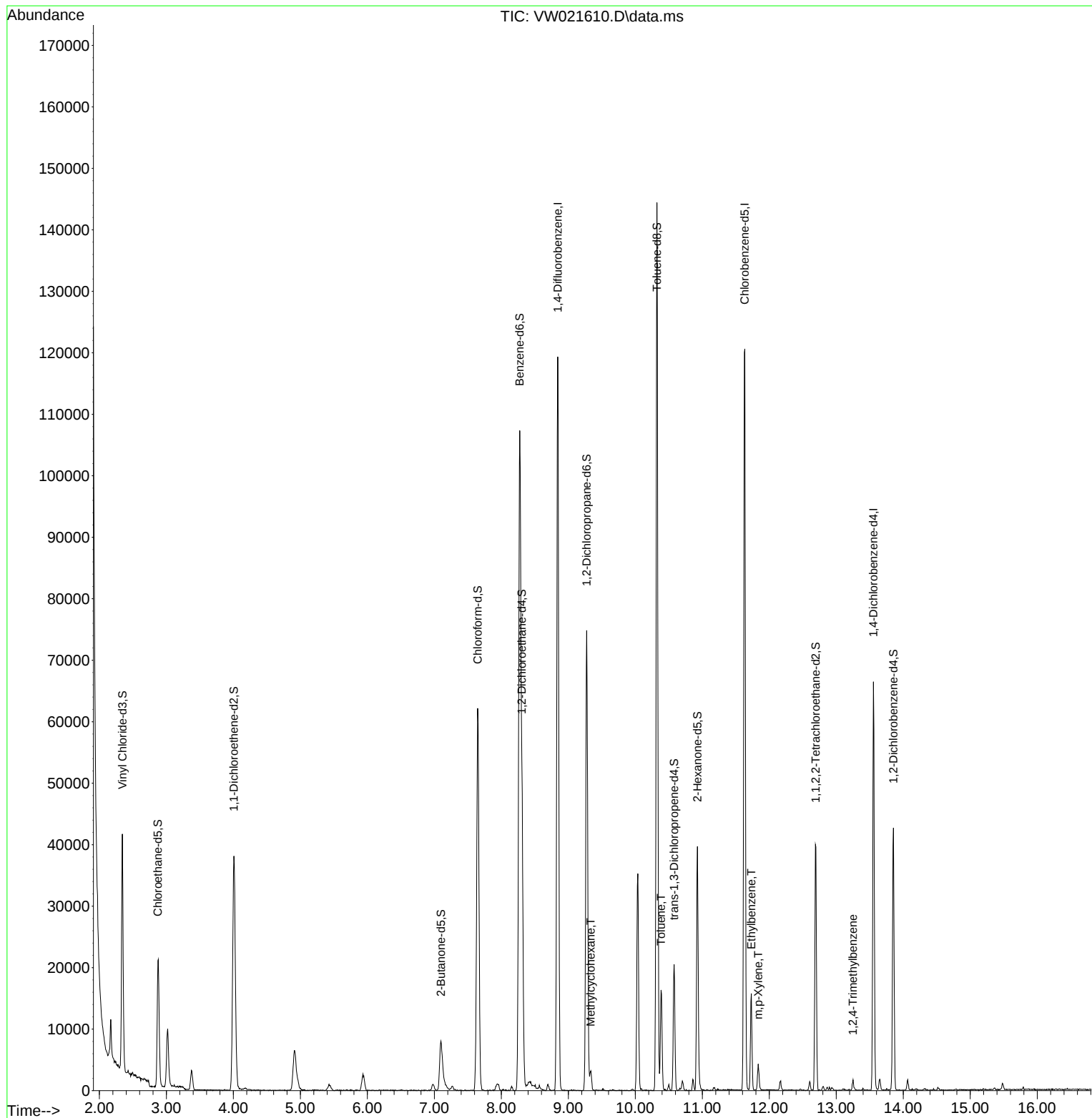
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	102886	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	71049	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	17460	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	31659	16.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.600%
7) Chloroethane-d5	2.873	69	23943	19.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.320%
11) 1,1-Dichloroethene-d2	4.007	63	36547	14.630	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.520%
21) 2-Butanone-d5	7.098	46	16009	60.609	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.220%
24) Chloroform-d	7.647	84	61186	21.340	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.360%
26) 1,2-Dichloroethane-d4	8.305	65	34841	22.844	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.360%
32) Benzene-d6	8.275	84	110976	28.496	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.000%
36) 1,2-Dichloropropane-d6	9.274	67	31759	30.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.640%#
41) Toluene-d8	10.323	98	93601	23.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.080%
43) trans-1,3-Dichloroprop...	10.579	79	11095	23.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.280%
47) 2-Hexanone-d5	10.927	63	13479	87.274	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	174.540%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	18708	20.837	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	11605	17.150	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.600%#
Target Compounds						
					Qvalue	
35) Methylcyclohexane	9.335	83	1203	0.671	ug/L	91
42) Toluene	10.384	91	11977	2.646	ug/L	100
52) Ethylbenzene	11.731	91	11045	2.135	ug/L	98
53) m,p-Xylene	11.835	106	1309	0.627	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	1225	0.615	ug/L	94

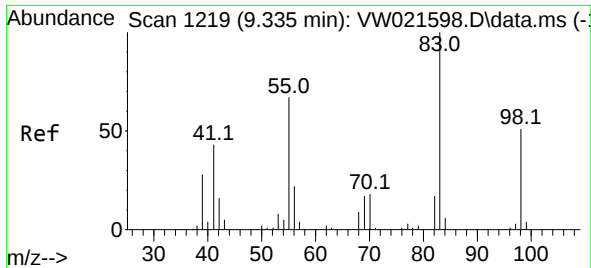
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 24 00:28:54 2021
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.671 ug/L

RT: 9.335 min Scan# 11

Delta R.T. -0.000 min

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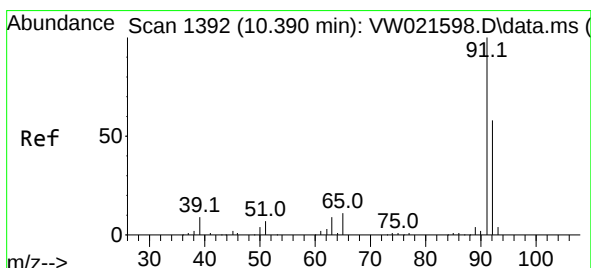
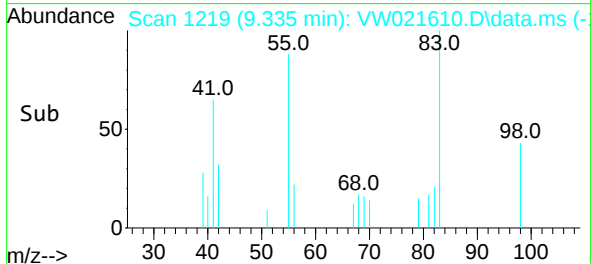
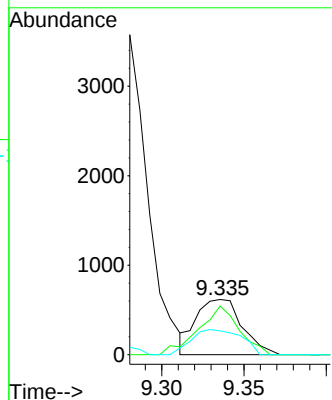
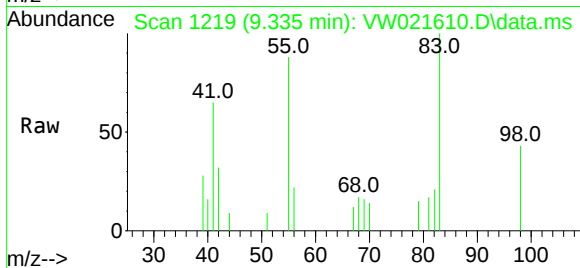
Tgt Ion: 83 Resp: 1203

Ion Ratio Lower Upper

83 100

55 77.8 70.8 106.2

98 49.5 37.7 56.5



#42

Toluene

Concen: 2.646 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW021610.D

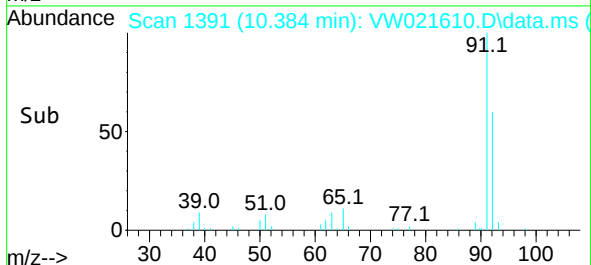
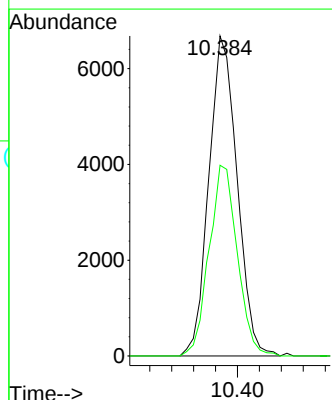
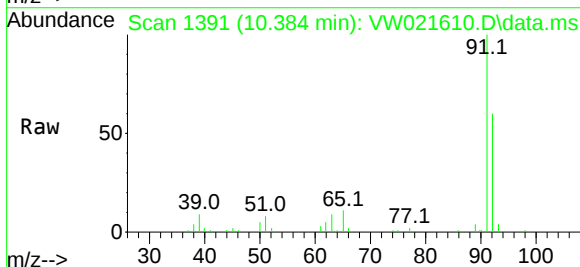
Acq: 23 Dec 2021 13:39

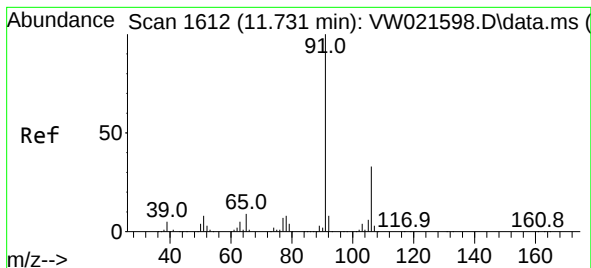
Tgt Ion: 91 Resp: 11977

Ion Ratio Lower Upper

91 100

92 59.6 41.7 77.5

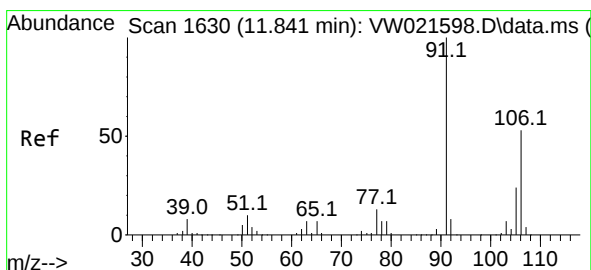
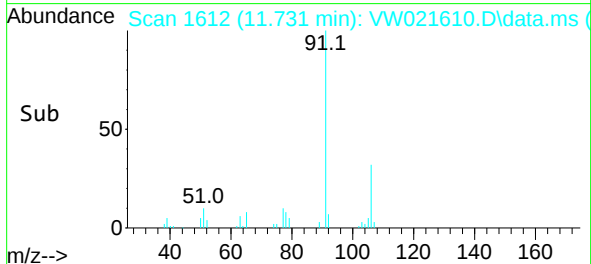
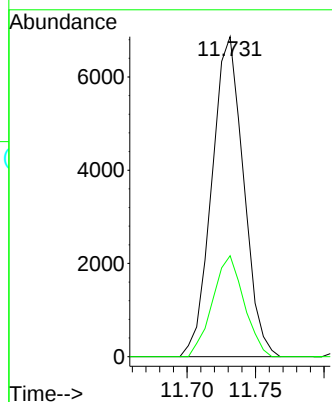
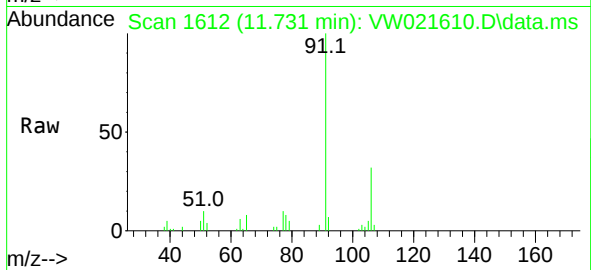




#52
Ethylbenzene
Concen: 2.135 ug/L
RT: 11.731 min Scan# 11045
Delta R.T. -0.000 min
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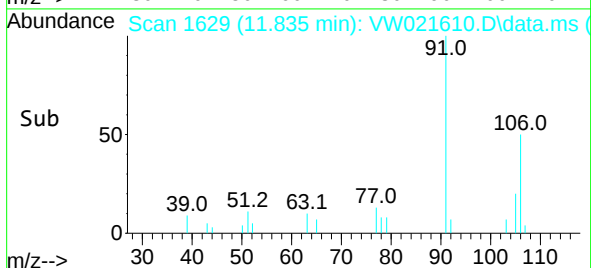
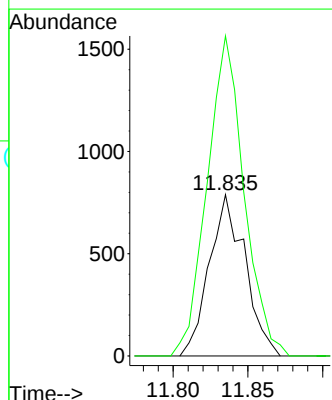
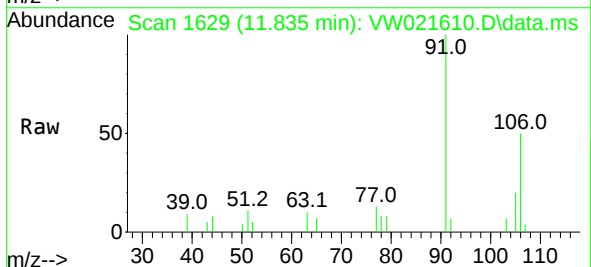
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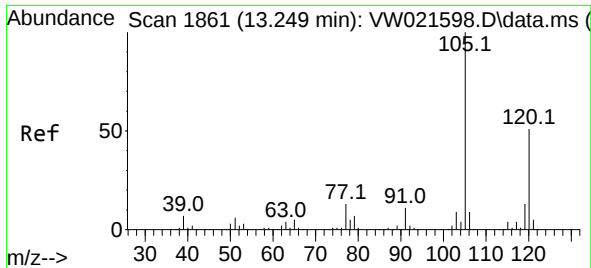
Tgt Ion: 91 Resp: 11045
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 0.627 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021610.D
Acq: 23 Dec 2021 13:39

Tgt Ion: 106 Resp: 1309
Ion Ratio Lower Upper
106 100
91 198.4 149.9 278.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.615 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021610.D
 Acq: 23 Dec 2021 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC17

Tgt Ion:105 Resp: 1225
 Ion Ratio Lower Upper
 105 100
 120 40.2 35.0 52.6

