

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021003.D
 Acq On : 01 Dec 2021 15:46
 Operator : SY/VA
 Sample : M4868-09
 Misc : 6.80g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 02 01:58:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

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

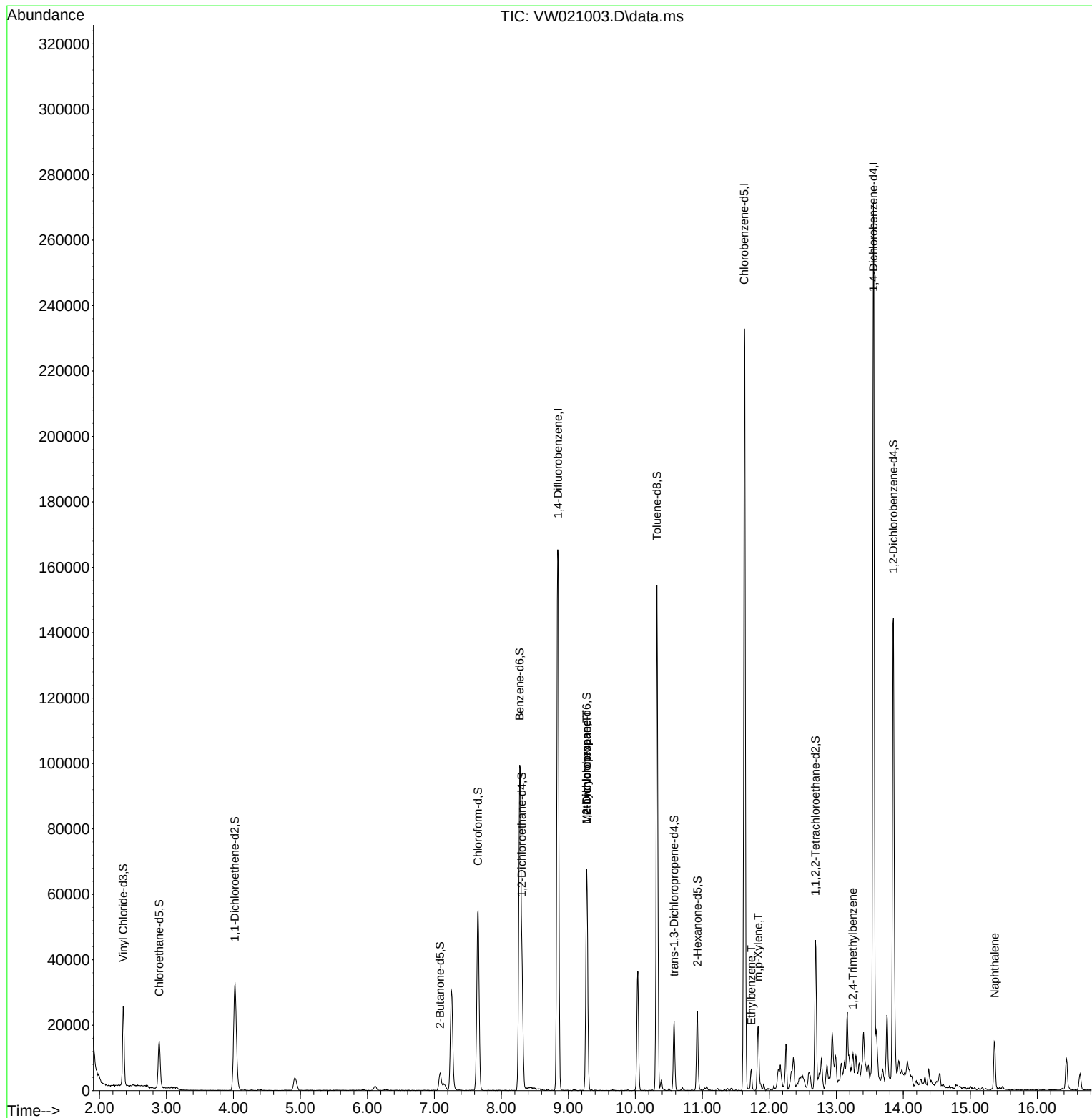
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	144161	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	128767	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	69458	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	23526	14.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.280%
7) Chloroethane-d5	2.891	69	17410	16.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.560%
11) 1,1-Dichloroethene-d2	4.019	63	31421	9.712	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.840%#
21) 2-Butanone-d5	7.086	46	9179	21.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.980%
24) Chloroform-d	7.653	84	54051	14.880	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	59.520%
26) 1,2-Dichloroethane-d4	8.305	65	24689	13.391	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	53.560%#
32) Benzene-d6	8.274	84	101947	15.022	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	60.080%
36) 1,2-Dichloropropane-d6	9.274	67	29035	15.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	60.080%#
41) Toluene-d8	10.323	98	97220	14.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.720%
43) trans-1,3-Dichloroprop...	10.579	79	10947	11.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	47.920%
47) 2-Hexanone-d5	10.926	63	7864	24.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	19586	13.230	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	52.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	38699	15.632	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.520%#
Target Compounds						Qvalue
35) Methylcyclohexane	9.274	83	7514	2.235	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	3642	2.146	ug/L	# 88
52) Ethylbenzene	11.731	91	4688	0.516	ug/L	89
53) m,p-Xylene	11.835	106	5945	1.602	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	4177	0.530	ug/L	97
71) Naphthalene	15.365	128	12980	2.772	ug/L	# 95

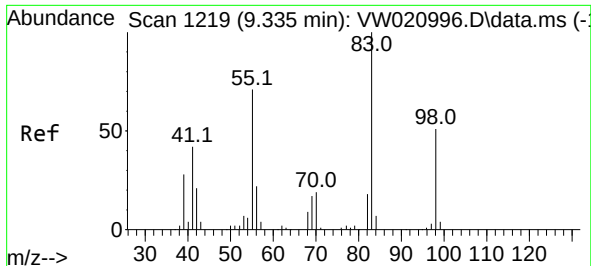
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Dec 02 01:54:41 2021
Response via : Initial Calibration

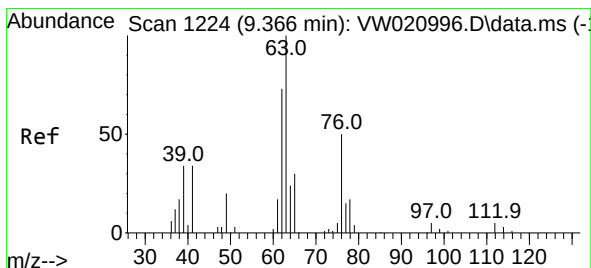
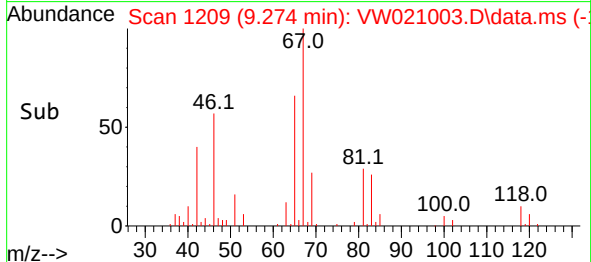
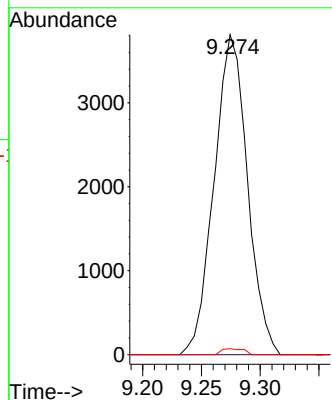
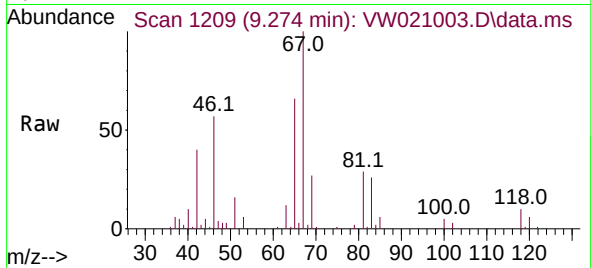




#35
Methylcyclohexane
Concen: 2.235 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021003.D
Acq: 01 Dec 2021 15:46

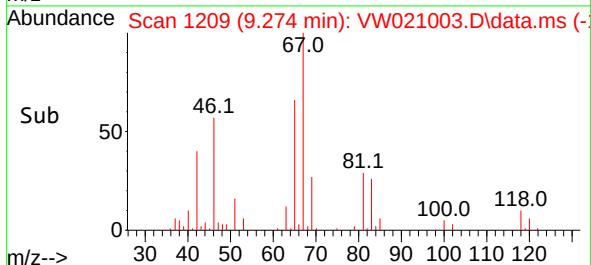
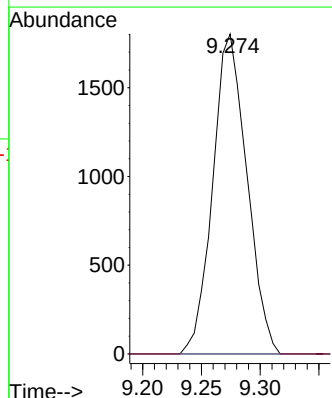
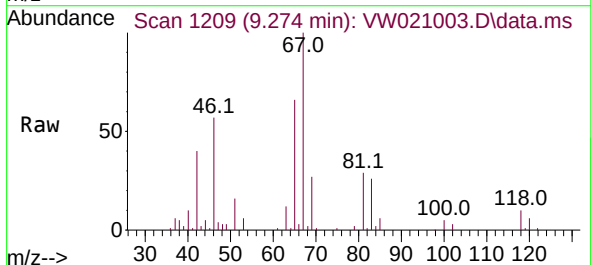
Instrument :
MSVOA_W
ClientSampleId :

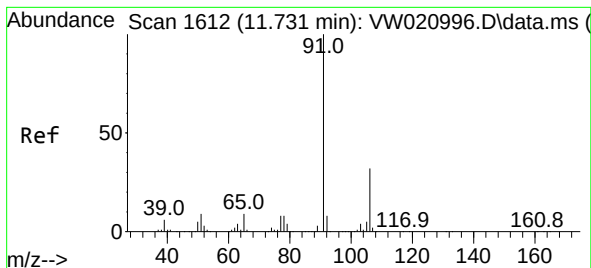
Tgt Ion: 83 Resp: 7514
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 2.146 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021003.D
Acq: 01 Dec 2021 15:46

Tgt Ion: 63 Resp: 3642
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

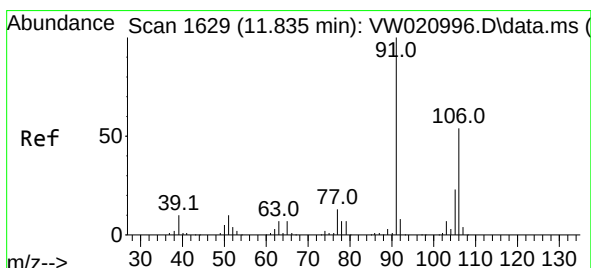
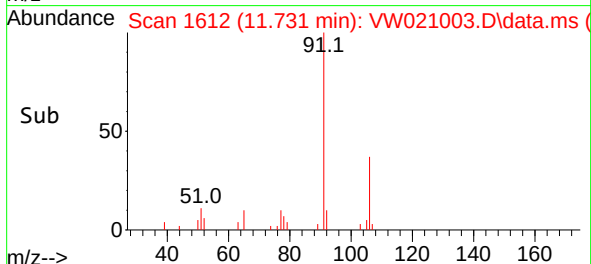
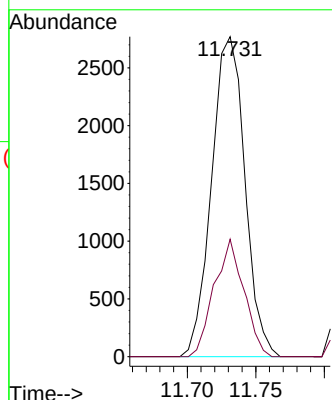
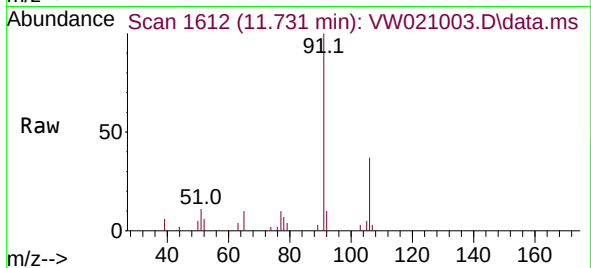




#52
Ethylbenzene
Concen: 0.516 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021003.D
Acq: 01 Dec 2021 15:46

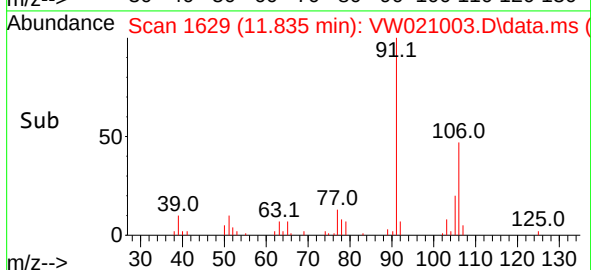
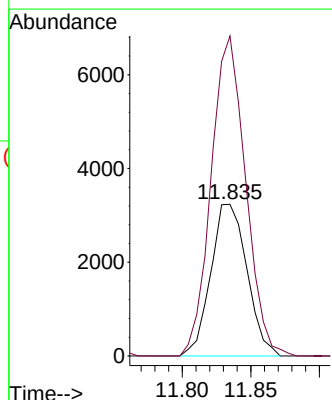
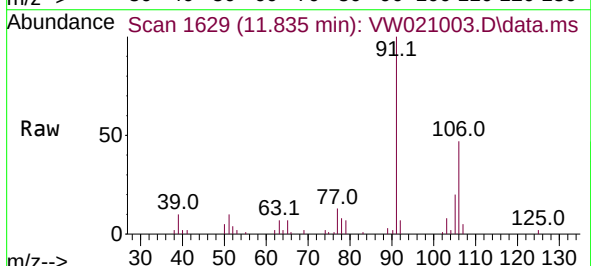
Instrument :
MSVOA_W
ClientSampleId :

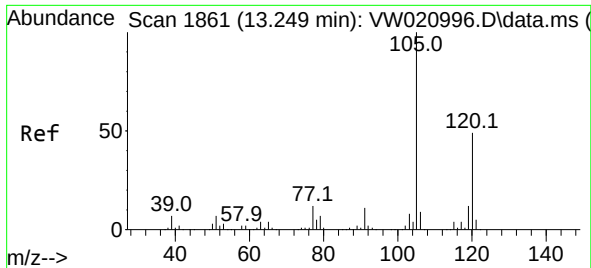
Tgt Ion: 91 Resp: 4688
Ion Ratio Lower Upper
91 100
106 36.7 21.5 39.9



#53
m,p-Xylene
Concen: 1.602 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021003.D
Acq: 01 Dec 2021 15:46

Tgt Ion: 106 Resp: 5945
Ion Ratio Lower Upper
106 100
91 211.0 149.9 278.3

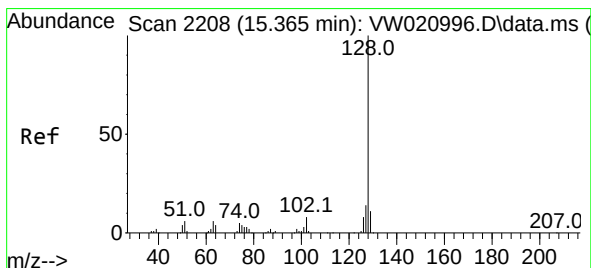
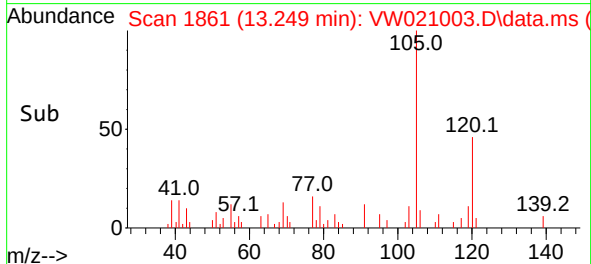
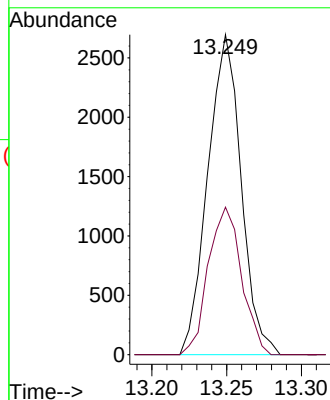
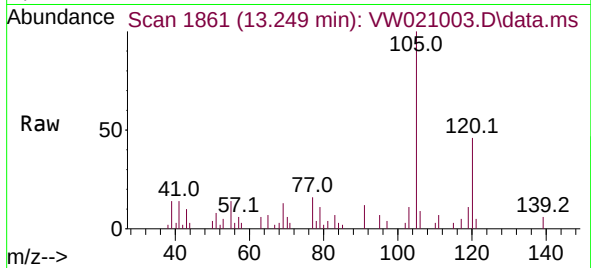




#63
1,2,4-Trimethylbenzene
Concen: 0.530 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021003.D
Acq: 01 Dec 2021 15:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 4177
Ion Ratio Lower Upper
105 100
120 46.0 35.0 52.6



#71
Naphthalene
Concen: 2.772 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW021003.D
Acq: 01 Dec 2021 15:46

Tgt Ion:128 Resp: 12980
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 7.3 8.6 12.8#

