

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101321\
 Data File : VW020471.D
 Acq On : 13 Oct 2021 19:29
 Operator : SY/VA
 Sample : M4181-14
 Misc : 5.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ2

Quant Time: Oct 14 01:04:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 14 00:58:33 2021
 Response via : Initial Calibration

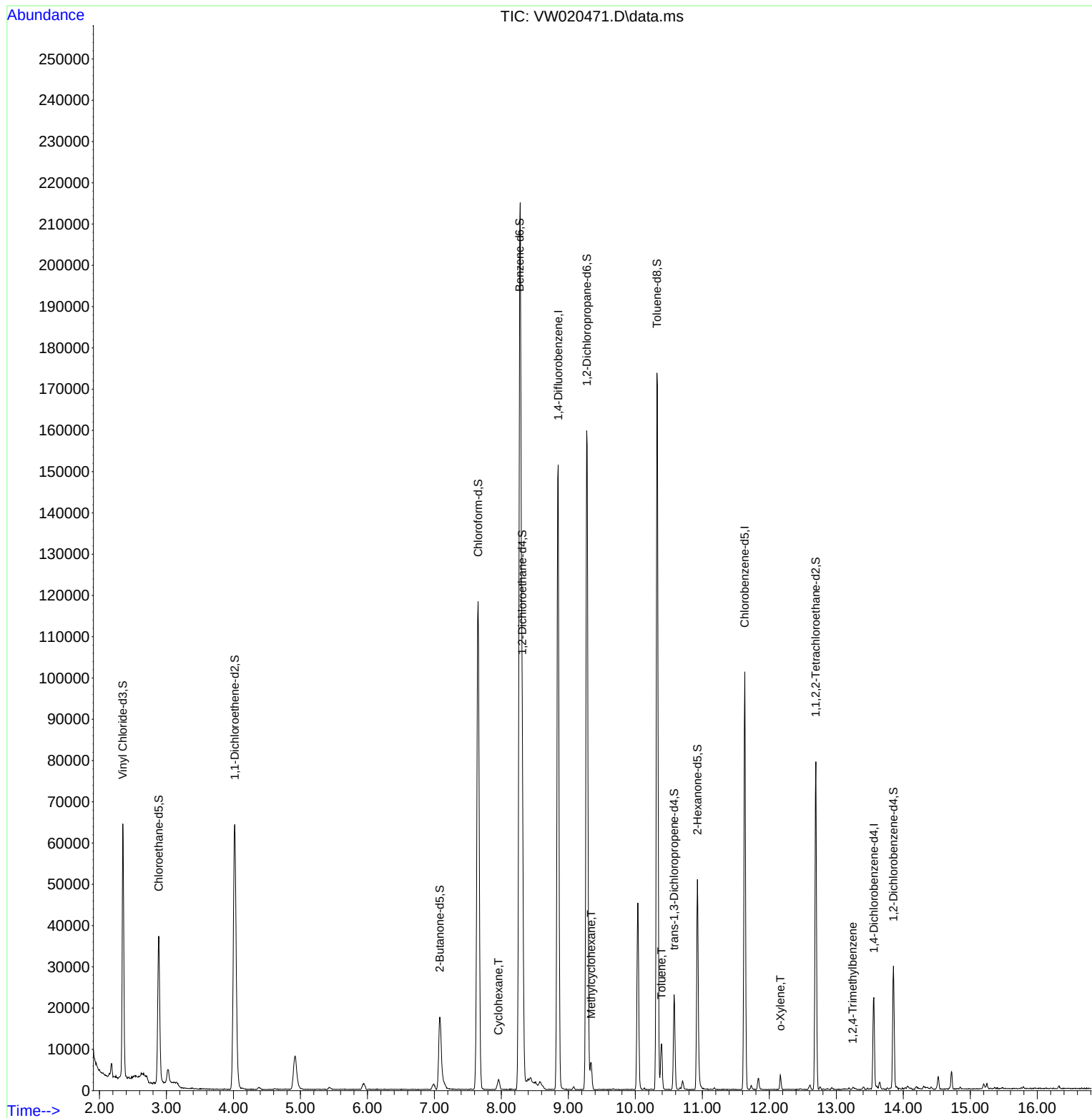
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	115336	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	50042	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	5781	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	59244	35.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.20%
7) Chloroethane-d5	2.885	69	37869	42.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	170.88%#
11) 1,1-Dichloroethene-d2	4.019	63	68413	19.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.56%
21) 2-Butanone-d5	7.080	46	31190	61.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.14%
24) Chloroform-d	7.653	84	119474	32.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	130.00%
26) 1,2-Dichloroethane-d4	8.311	65	62886	29.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.80%
32) Benzene-d6	8.274	84	206741	62.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	251.24%#
36) 1,2-Dichloropropane-d6	9.274	67	72616	67.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	270.76%#
41) Toluene-d8	10.323	98	109735	37.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	148.60%#
43) trans-1,3-Dichloroprop...	10.579	79	12034	27.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.40%
47) 2-Hexanone-d5	10.926	63	15331	92.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.80%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	37615	46.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	185.56%#
66) 1,2-Dichlorobenzene-d4	13.853	152	7415	32.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	131.16%#
Target Compounds						
29) Cyclohexane	7.957	56	1192	0.81	ug/L	# 60
35) Methylcyclohexane	9.341	83	2186	1.45	ug/L	94
42) Toluene	10.390	91	7954	2.22	ug/L	96
54) o-Xylene	12.164	106	804	0.61	ug/L	83
63) 1,2,4-Trimethylbenzene	13.243	105	524	0.76	ug/L	95

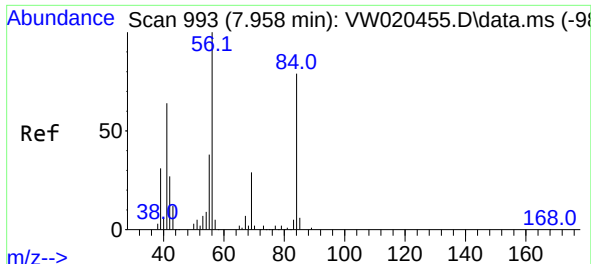
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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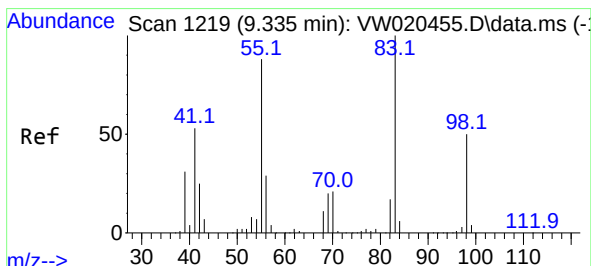
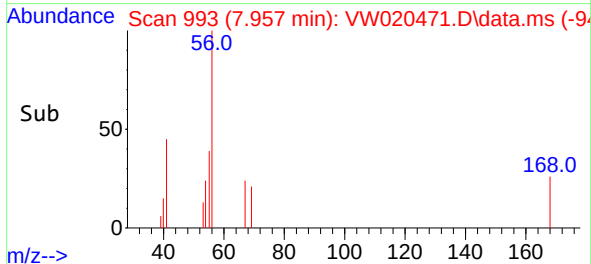
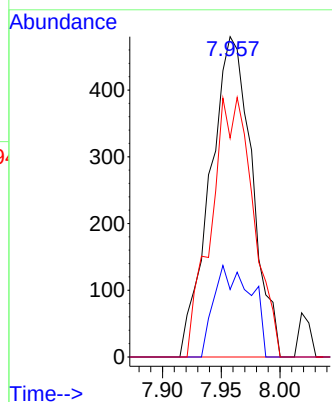
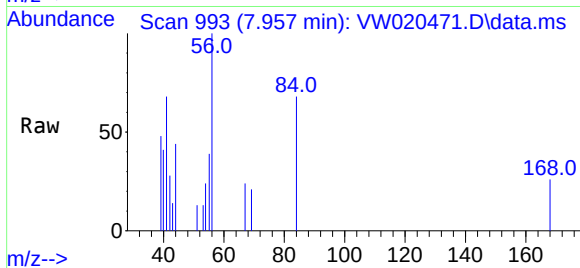


#29
Cyclohexane
Concen: 0.81 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

Instrument :
MSVOA_W
ClientSampleId :
C0AZ2

Tgt Ion: 56 Resp: 1192

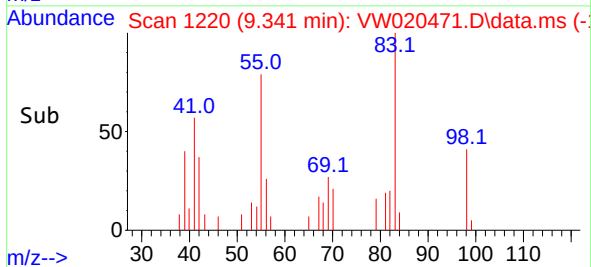
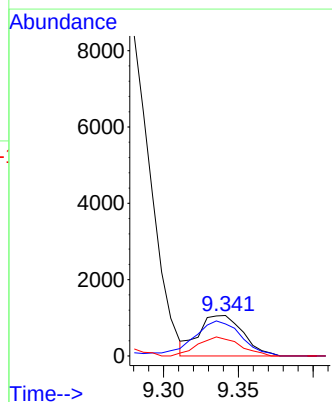
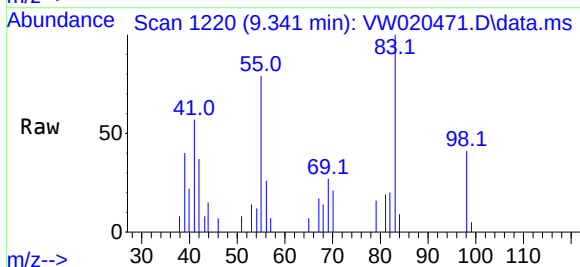
Ion	Ratio	Lower	Upper
56	100		
69	12.1	23.2	34.8#
84	41.9	63.7	95.5#

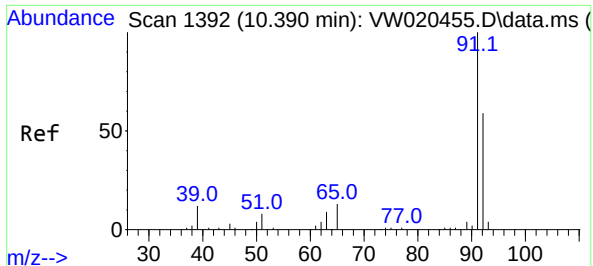


#35
Methylcyclohexane
Concen: 1.45 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

Tgt Ion: 83 Resp: 2186

Ion	Ratio	Lower	Upper
83	100		
55	93.8	69.7	104.5
98	44.5	38.2	57.2





#42

Toluene

Concen: 2.22 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020471.D

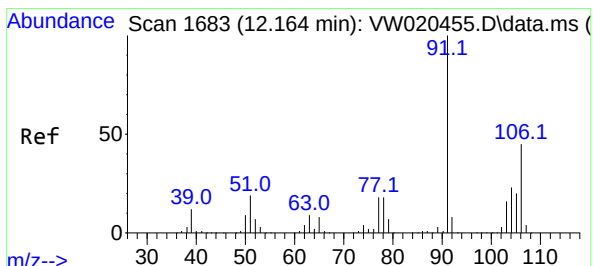
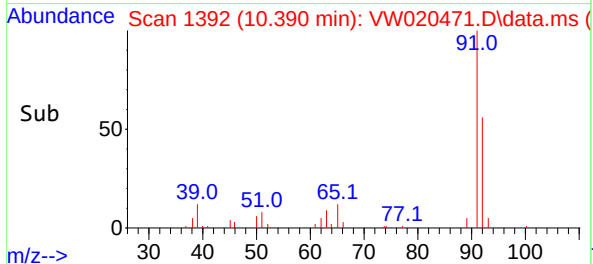
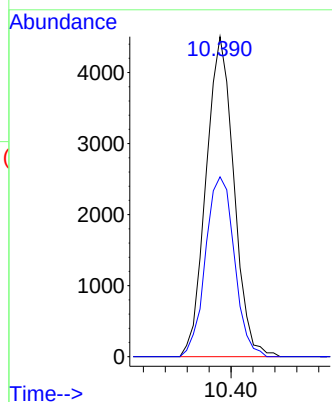
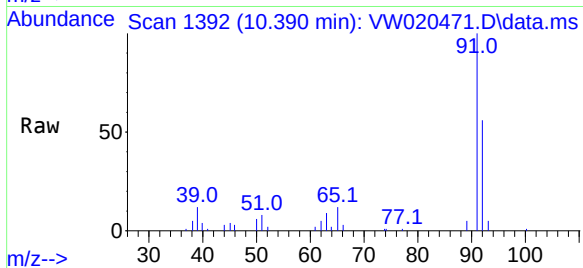
Acq: 13 Oct 2021 19:29

Tgt Ion: 91 Resp: 7954

Ion Ratio Lower Upper

91 100

92 56.2 41.5 77.1



#54

o-Xylene

Concen: 0.61 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW020471.D

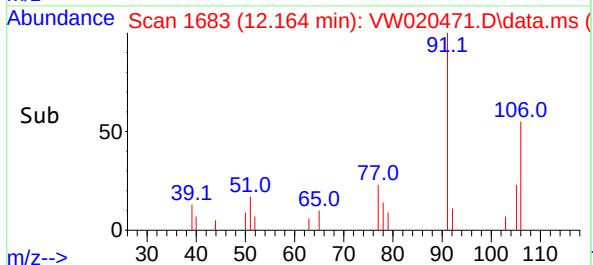
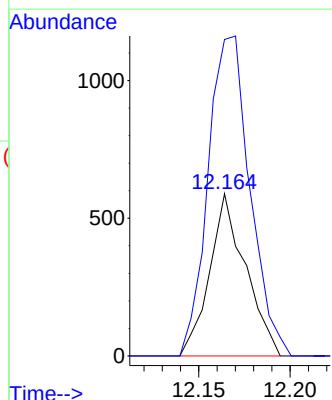
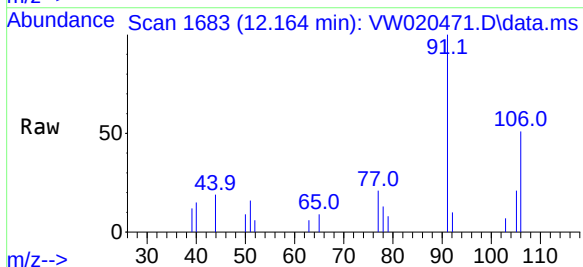
Acq: 13 Oct 2021 19:29

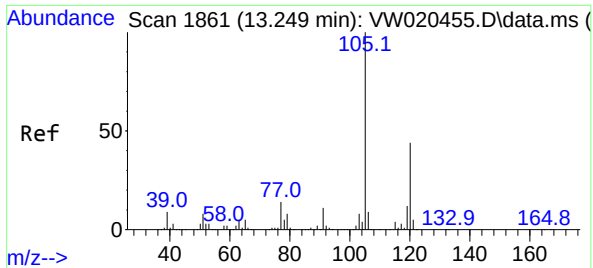
Tgt Ion: 106 Resp: 804

Ion Ratio Lower Upper

106 100

91 195.1 156.1 289.9





#63
1,2,4-Trimethylbenzene
Concen: 0.76 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW020471.D
Acq: 13 Oct 2021 19:29

Instrument :
MSVOA_W
ClientSampleId :
C0AZ2

Tgt Ion:105 Resp: 524
Ion Ratio Lower Upper
105 100
120 40.8 35.4 53.2

