

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022421\
 Data File : VW018232.D
 Acq On : 24 Feb 2021 11:00
 Operator : SY/VA
 Sample : VW0224SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK102

Quant Time: Feb 25 02:46:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 25 02:45:29 2021
 Response via : Initial Calibration

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

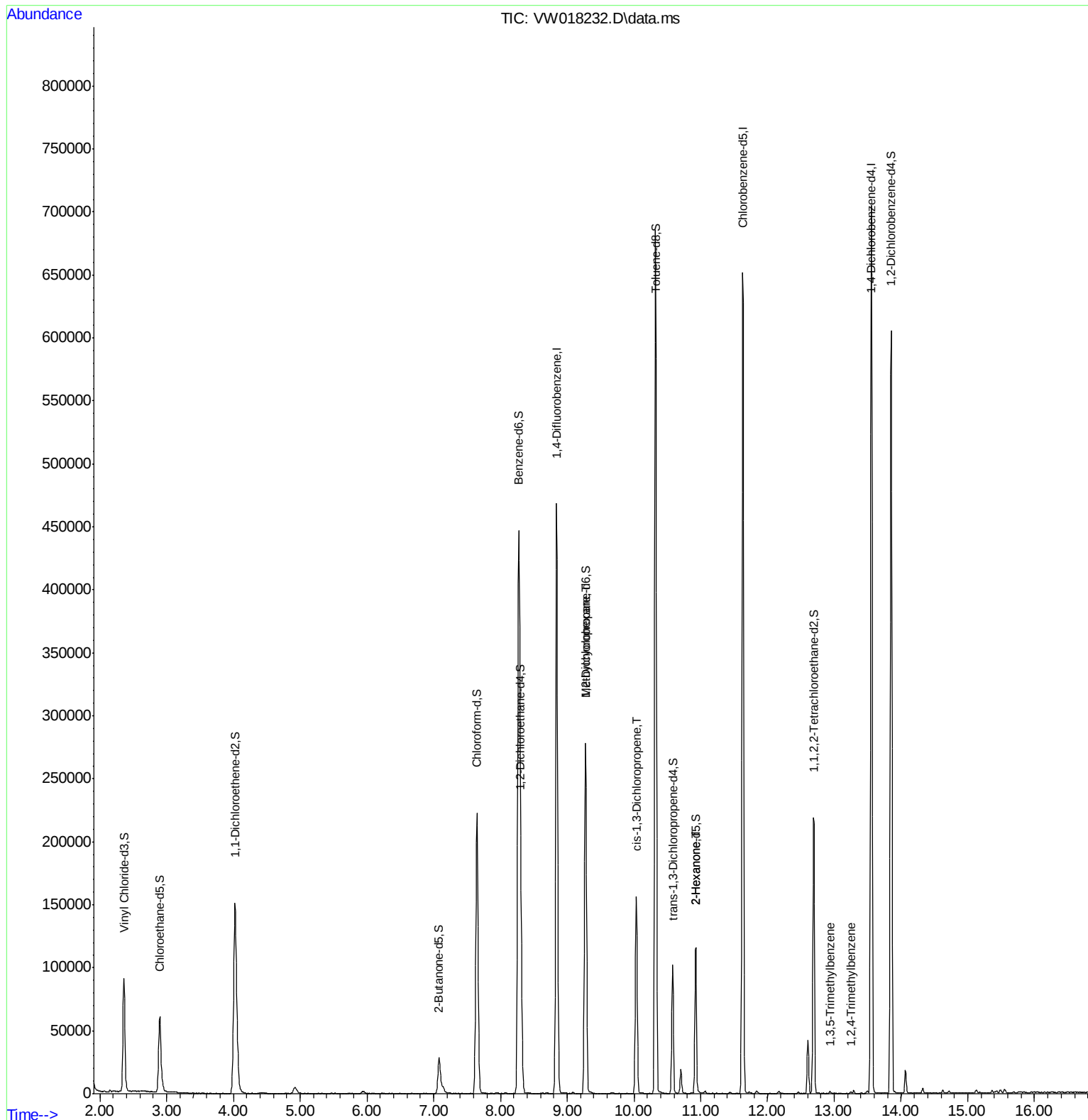
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	421356	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	387825	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	194202	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	114813	24.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.64%		
7) Chloroethane-d5	2.898	69	87652	24.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.08%		
11) 1,1-Dichloroethene-d2	4.026	63	172638	18.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.08%		
21) 2-Butanone-d5	7.080	46	49046	48.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.92%		
24) Chloroform-d	7.647	84	236737	23.14	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.56%		
26) 1,2-Dichloroethane-d4	8.305	65	122093	23.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.72%		
32) Benzene-d6	8.275	84	486072	24.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.24%		
36) 1,2-Dichloropropane-d6	9.275	67	133306	23.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.12%		
41) Toluene-d8	10.323	98	462351	23.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.60%		
43) trans-1,3-Dichloroprop...	10.579	79	58585	23.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.68%		
47) 2-Hexanone-d5	10.921	63	42765	48.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.22%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	109028	23.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	95.28%		
66) 1,2-Dichlorobenzene-d4	13.853	152	172870	24.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.32%		
Target Compounds						
35) Methylcyclohexane	9.275	83	34798	3.63	ug/L #	20
39) cis-1,3-Dichloropropene	10.037	75	4143	0.54	ug/L #	55
48) 2-Hexanone	10.921	43	4726	2.85	ug/L #	66
62) 1,3,5-Trimethylbenzene	12.939	105	869	0.04	ug/L	88
63) 1,2,4-Trimethylbenzene	13.256	105	1113	0.05	ug/L #	58

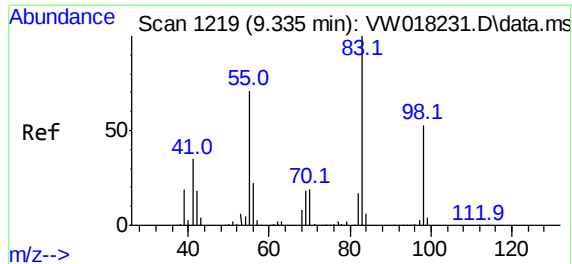
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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VBLK102

Quant Time: Feb 25 02:46:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 25 02:45:29 2021
Response via : Initial Calibration

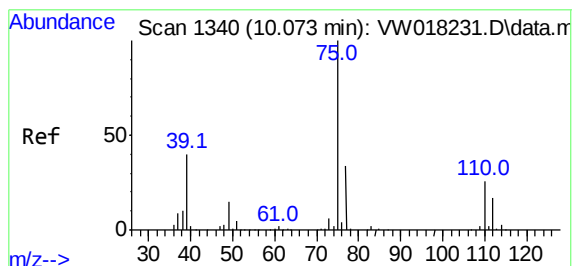
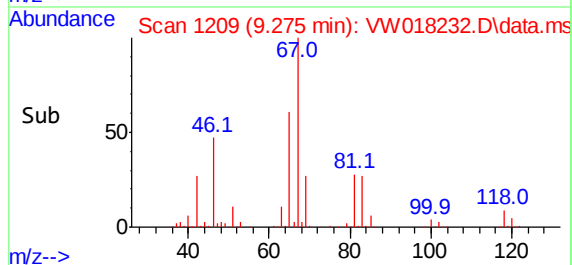
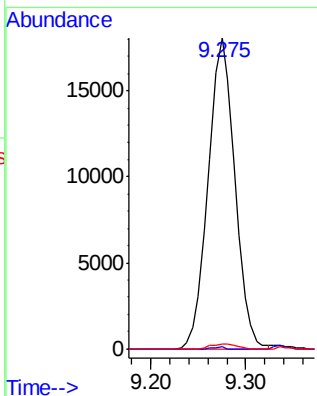
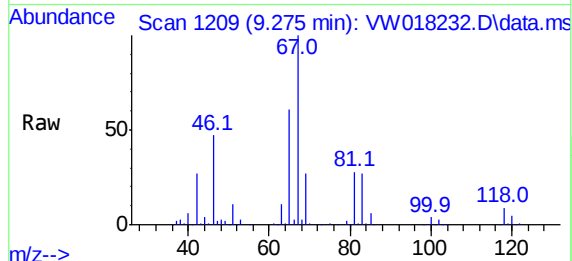




#35
Methylcyclohexane
Concen: 3.63 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018232.D
Acq: 24 Feb 2021 11:00

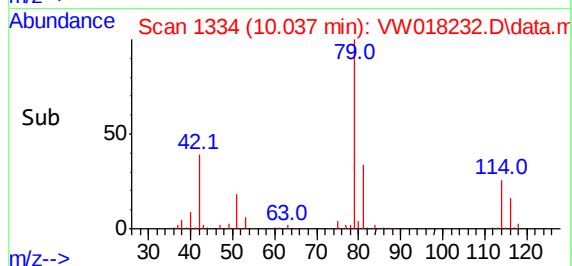
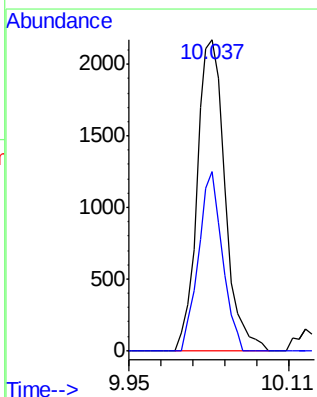
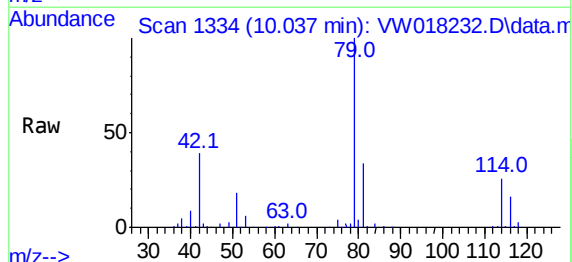
Instrument :
MSVOA_W
ClientSampleId :
VBLK102

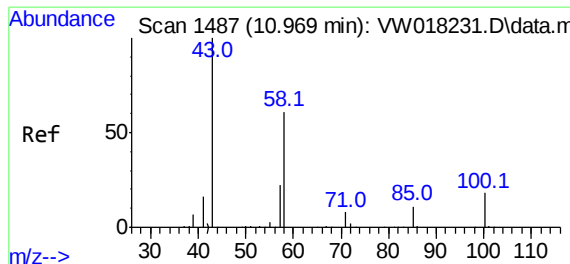
Tgt Ion: 83 Resp: 34798
Ion Ratio Lower Upper
83 100
55 0.3 58.9 88.3#
98 1.6 40.1 60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.54 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018232.D
Acq: 24 Feb 2021 11:00

Tgt Ion: 75 Resp: 4143
Ion Ratio Lower Upper
75 100
77 57.7 22.6 42.0#



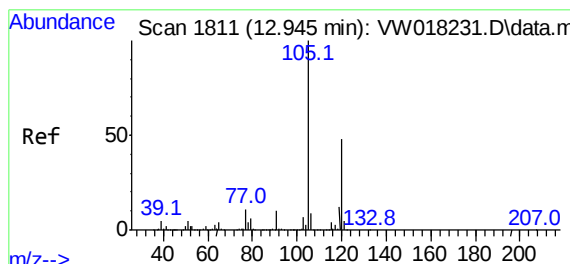
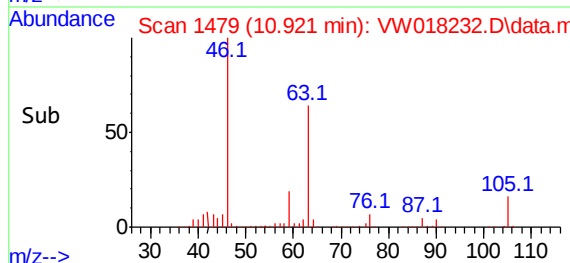
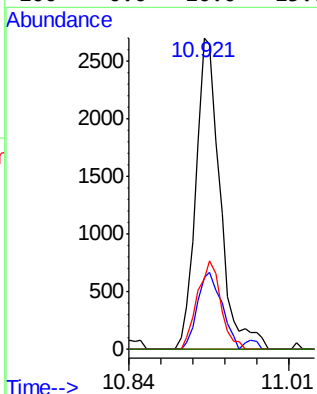
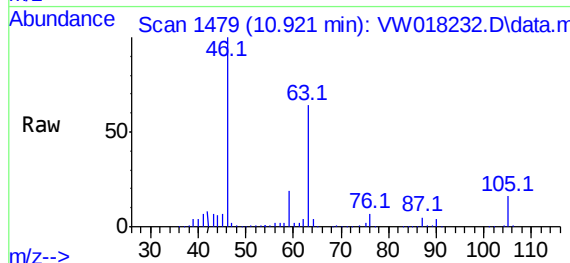


#48
2-Hexanone
Concen: 2.85 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018232.D
Acq: 24 Feb 2021 11:00

Instrument :
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ClientSampleId :
VBLK102

Tgt Ion: 43 Resp: 4726

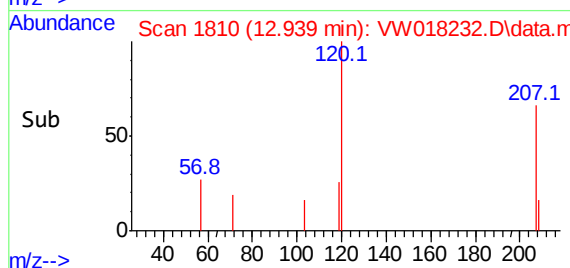
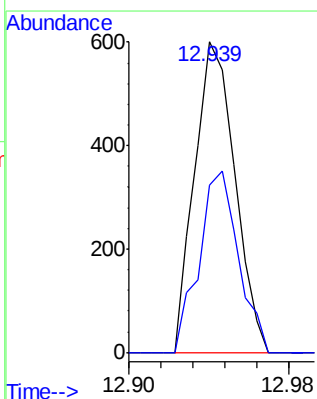
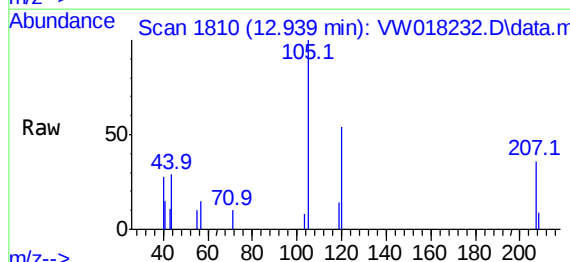
Ion	Ratio	Lower	Upper
43	100		
58	24.6	42.7	64.1#
57	27.2	15.8	23.8#
100	0.0	10.0	15.0#

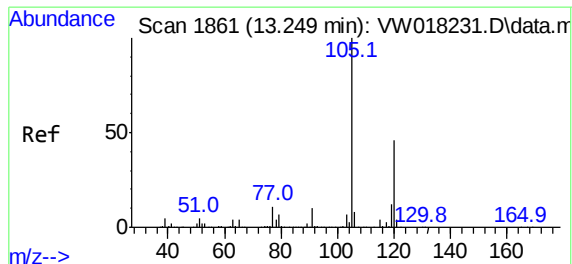


#62
1,3,5-Trimethylbenzene
Concen: 0.04 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW018232.D
Acq: 24 Feb 2021 11:00

Tgt Ion: 105 Resp: 869

Ion	Ratio	Lower	Upper
105	100		
120	57.0	39.0	58.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.05 ug/L
 RT: 13.256 min Scan# 1862
 Delta R.T. 0.006 min
 Lab File: VW018232.D
 Acq: 24 Feb 2021 11:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK102

Tgt Ion:105 Resp: 1113
 Ion Ratio Lower Upper
 105 100
 120 16.9 35.6 53.4#

