

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100721\
 Data File : VY006323.D
 Acq On : 07 Oct 2021 11:23
 Operator : SY/MD
 Sample : VY1007SBL04
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK810

Quant Time: Oct 08 00:53:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 08 00:53:06 2021
 Response via : Initial Calibration

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

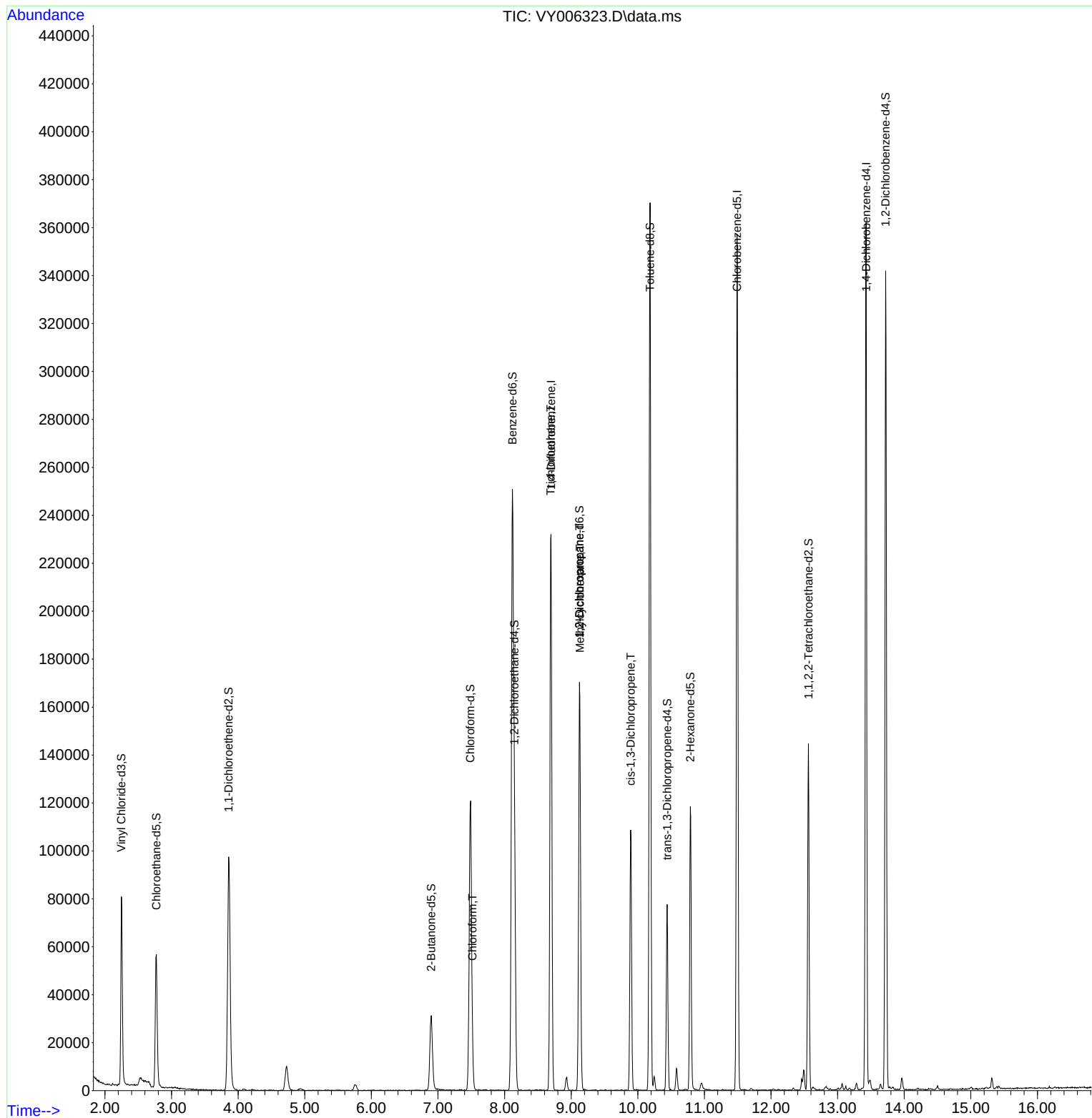
Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	195147	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	189410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	91872	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	76735	22.622	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.480%		
7) Chloroethane-d5	2.772	69	59517	23.706	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.840%		
11) 1,1-Dichloroethene-d2	3.857	63	93104	16.788	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.160%		
21) 2-Butanone-d5	6.899	46	55500	61.372	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.740%		
24) Chloroform-d	7.484	84	119292	24.267	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.080%		
26) 1,2-Dichloroethane-d4	8.149	65	81735	25.314	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.240%		
32) Benzene-d6	8.118	84	249890	23.977	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.920%		
36) 1,2-Dichloropropane-d6	9.124	67	75341	24.632	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.520%		
41) Toluene-d8	10.185	98	235254	23.698	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.800%		
43) trans-1,3-Dichloroprop...	10.441	79	39394	24.756	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.040%		
47) 2-Hexanone-d5	10.788	63	39451	58.320	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.640%		
56) 1,1,2,2-Tetrachloroeth...	12.562	84	63337	26.518	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.080%		
66) 1,2-Dichlorobenzene-d4	13.721	152	84997	26.820	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	107.280%		
Target Compounds						Qvalue
25) Chloroform	7.515	83	7877	1.502	ug/L	95
34) Trichloroethene	8.691	95	5620	1.913	ug/L #	5
35) Methylcyclohexane	9.130	83	18533	3.611	ug/L #	17
37) 1,2-Dichloropropane	9.124	63	9440	3.411	ug/L #	88
39) cis-1,3-Dichloropropene	9.892	75	2872	0.653	ug/L #	61

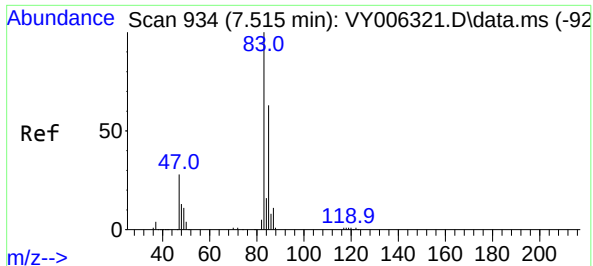
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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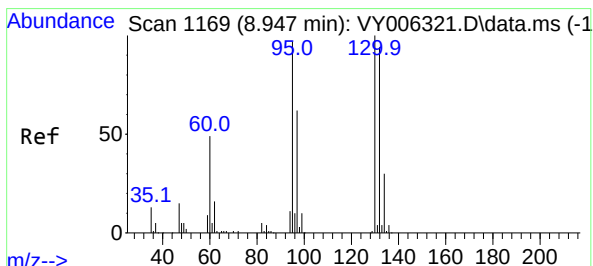
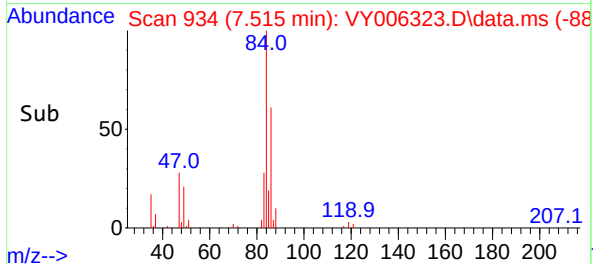
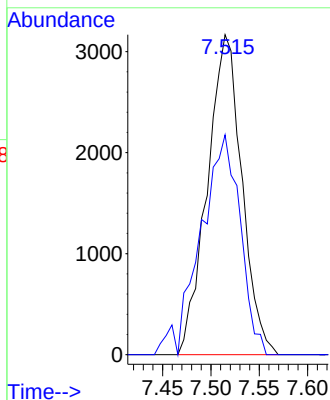
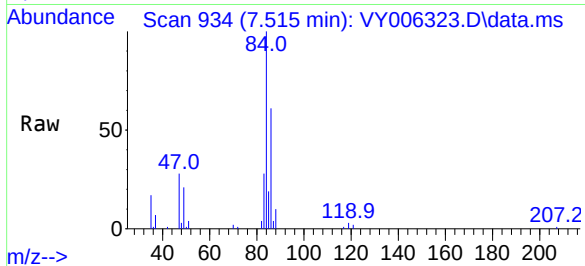




#25
Chloroform
Concen: 1.502 ug/L
RT: 7.515 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY006323.D
Acq: 07 Oct 2021 11:23

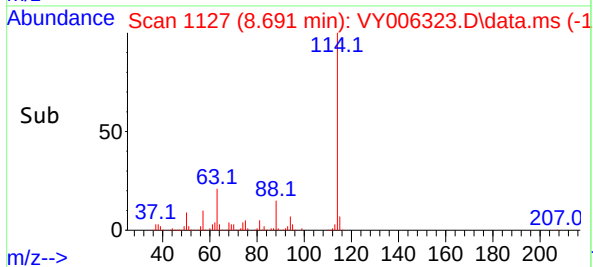
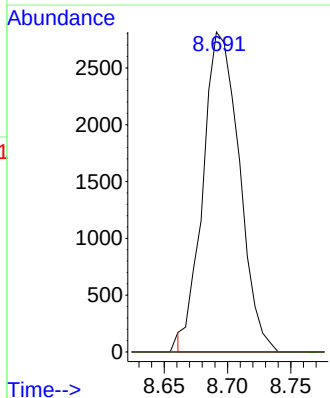
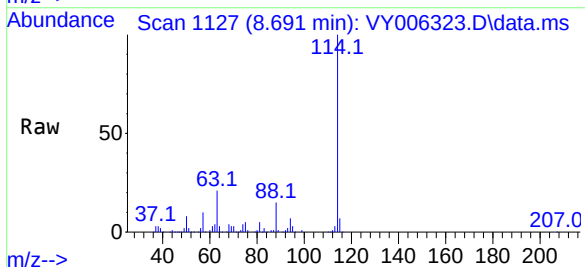
Instrument :
MSVOA_Y
ClientSampleId :
VBLK810

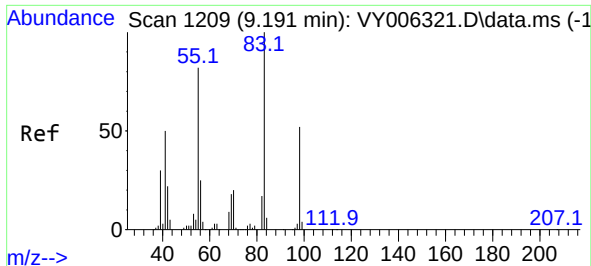
Tgt Ion: 83 Resp: 7877
Ion Ratio Lower Upper
83 100
85 68.7 45.4 84.4



#34
Trichloroethene
Concen: 1.913 ug/L
RT: 8.691 min Scan# 1127
Delta R.T. -0.256 min
Lab File: VY006323.D
Acq: 07 Oct 2021 11:23

Tgt Ion: 95 Resp: 5620
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.2#
132 0.0 66.8 124.0#
130 0.0 70.1 130.1#

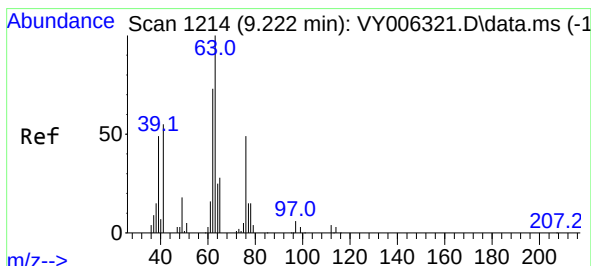
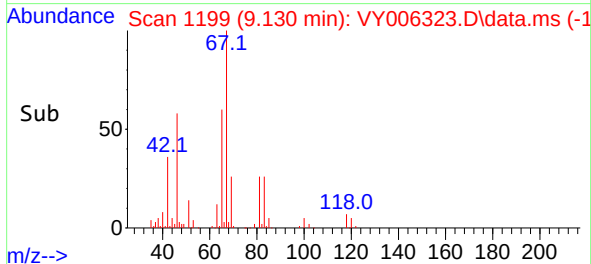
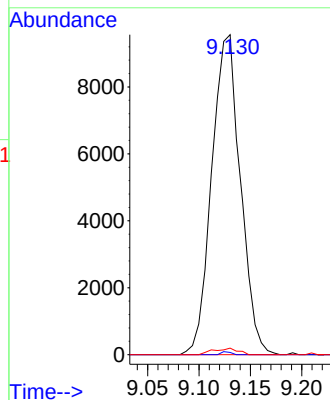
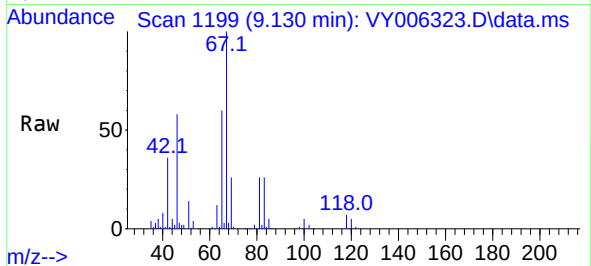




#35
Methylcyclohexane
Concen: 3.611 ug/L
RT: 9.130 min Scan# 1199
Delta R.T. -0.061 min
Lab File: VY006323.D
Acq: 07 Oct 2021 11:23

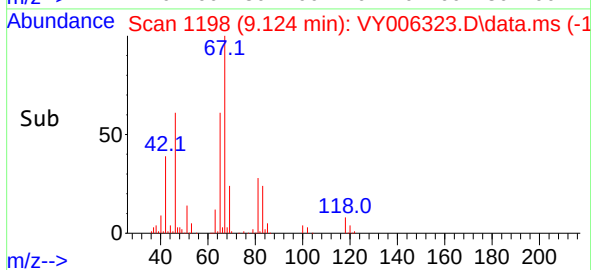
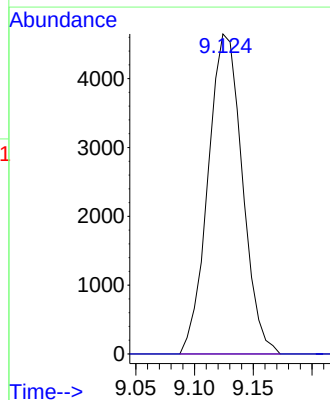
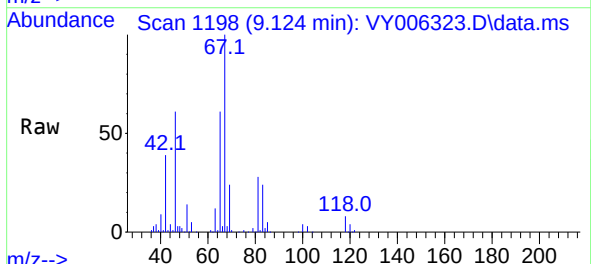
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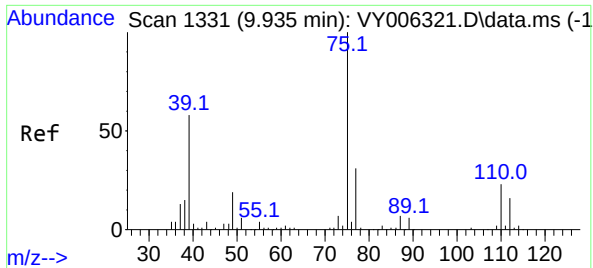
Tgt Ion: 83 Resp: 18533
Ion Ratio Lower Upper
83 100
55 0.3 63.9 95.9#
98 1.1 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 3.411 ug/L
RT: 9.124 min Scan# 1198
Delta R.T. -0.098 min
Lab File: VY006323.D
Acq: 07 Oct 2021 11:23

Tgt Ion: 63 Resp: 9440
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39
cis-1,3-Dichloropropene
Concen: 0.653 ug/L
RT: 9.892 min Scan# 1324
Delta R.T. -0.043 min
Lab File: VY006323.D
Acq: 07 Oct 2021 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VBLK810

Tgt Ion: 75 Resp: 2872
Ion Ratio Lower Upper
75 100
77 53.2 22.3 41.3#

