

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021537.D
 Acq On : 21 Dec 2021 21:05
 Operator : SY/VA
 Sample : M5194-03
 Misc : 5.30g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:51:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 02:57:00 2021
 Response via : Initial Calibration

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

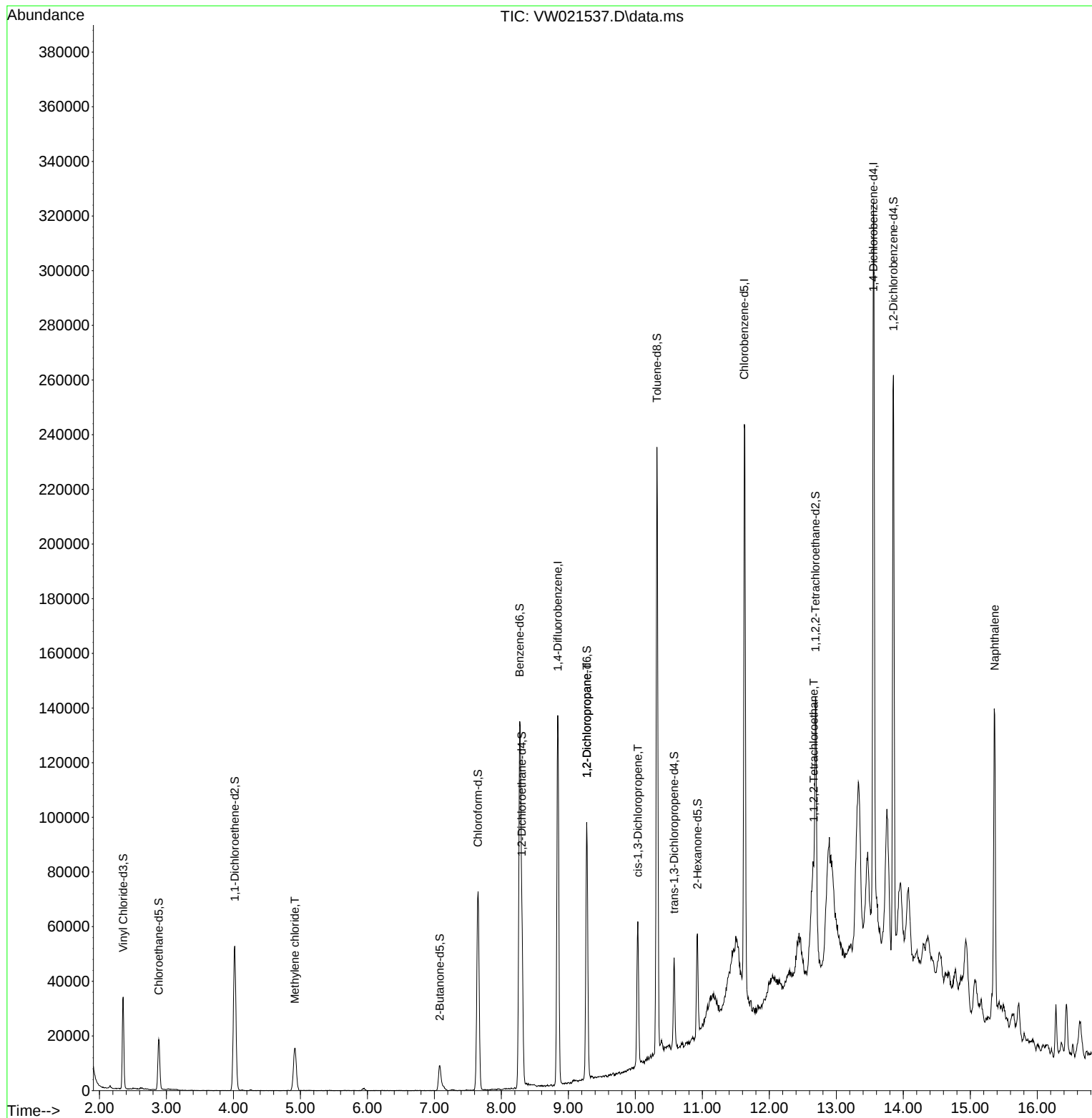
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	118350	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	125006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77074	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	32610	15.129	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.520%		
7) Chloroethane-d5	2.885	69	21176	14.861	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.440%		
11) 1,1-Dichloroethene-d2	4.019	63	48671	16.937	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.760%		
21) 2-Butanone-d5	7.079	46	15420	50.751	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.500%		
24) Chloroform-d	7.652	84	74424	22.565	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.280%		
26) 1,2-Dichloroethane-d4	8.305	65	41930	23.900	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.600%		
32) Benzene-d6	8.274	84	141801	20.695	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.760%		
36) 1,2-Dichloropropane-d6	9.274	67	40799	22.202	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.800%		
41) Toluene-d8	10.323	98	146472	20.922	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.680%		
43) trans-1,3-Dichloroprop...	10.579	79	17668	20.881	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.520%		
47) 2-Hexanone-d5	10.926	63	13489	49.640	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.280%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	34243	21.677	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.720%		
66) 1,2-Dichlorobenzene-d4	13.853	152	61321	20.529	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.120%		
Target Compounds						
16) Methylene chloride	4.915	84	12511	6.398	ug/L	Qvalue 81
37) 1,2-Dichloropropane	9.274	63	5218	3.435	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1571	0.656	ug/L	# 30
57) 1,1,2,2-Tetrachloroethane	12.664	83	10135	7.111	ug/L	# 35
71) Naphthalene	15.364	128	102521	21.249	ug/L	99

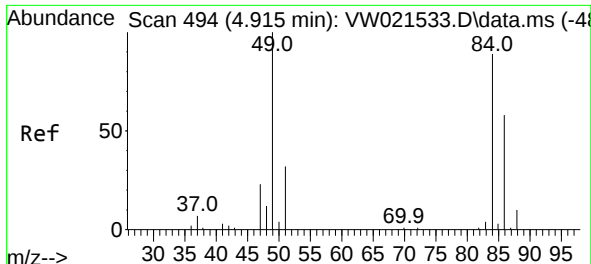
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Dec 22 02:57:00 2021
Response via : Initial Calibration

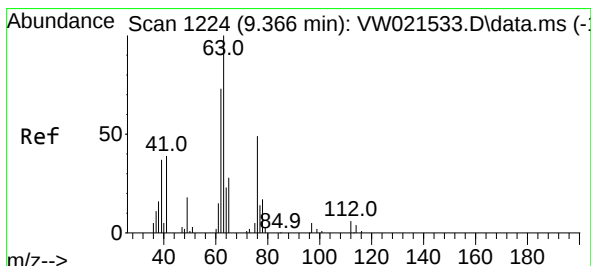
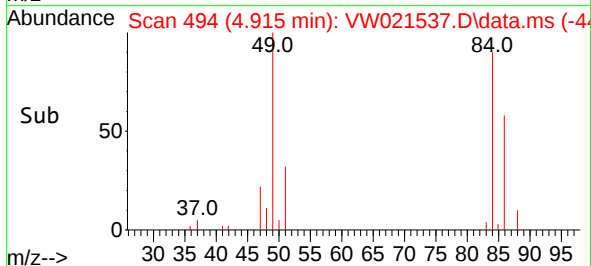
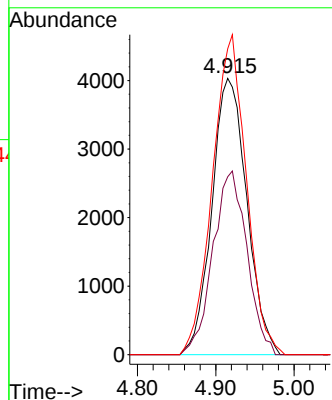
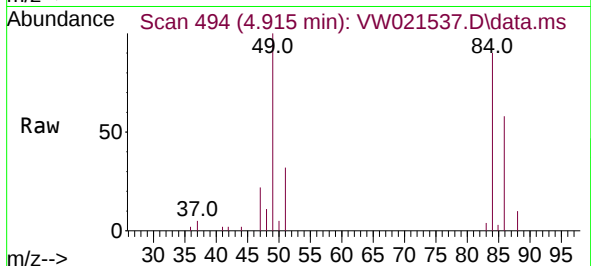




#16
Methylene chloride
Concen: 6.398 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021537.D
Acq: 21 Dec 2021 21:05

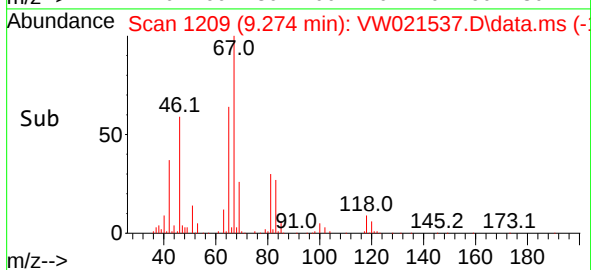
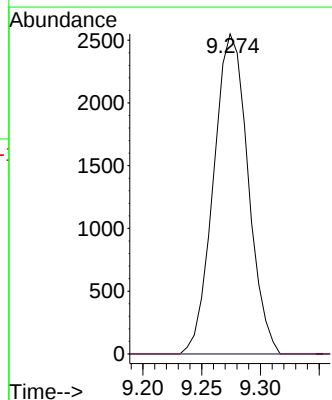
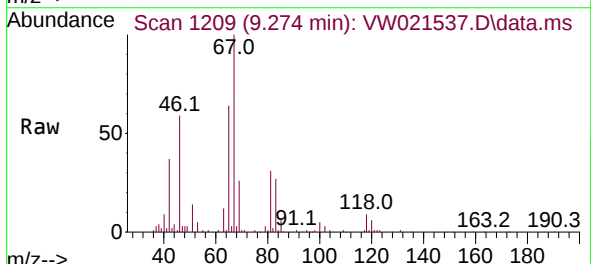
Instrument :
MSVOA_W
ClientSampleId :

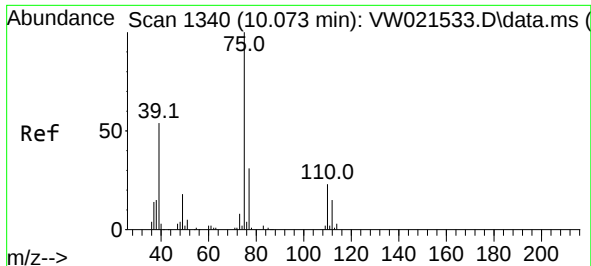
Tgt Ion: 84 Resp: 12511
Ion Ratio Lower Upper
84 100
86 64.4 45.5 84.5
49 110.7 100.5 186.7



#37
1,2-Dichloropropane
Concen: 3.435 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW021537.D
Acq: 21 Dec 2021 21:05

Tgt Ion: 63 Resp: 5218
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.656 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021537.D

Acq: 21 Dec 2021 21:05

Instrument :

MSVOA_W

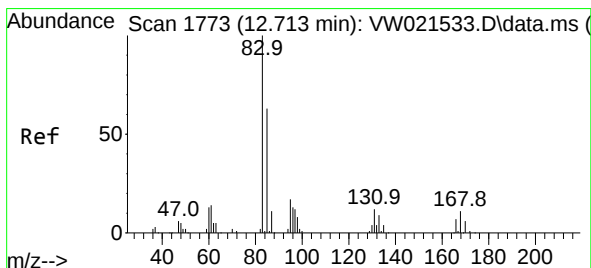
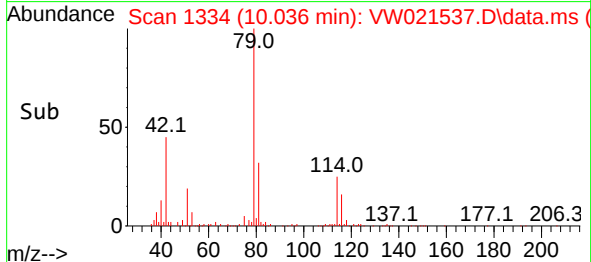
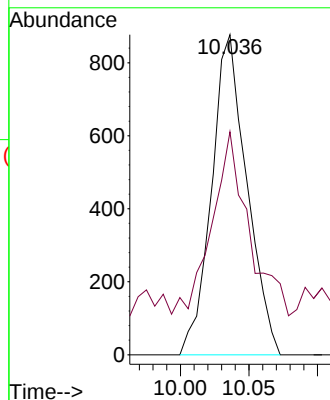
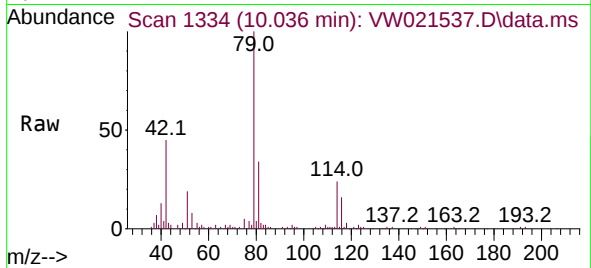
ClientSampleId :

Tgt Ion: 75 Resp: 1571

Ion Ratio Lower Upper

75 100

77 69.7 21.8 40.6#



#57

1,1,2,2-Tetrachloroethane

Concen: 7.111 ug/L

RT: 12.664 min Scan# 1765

Delta R.T. -0.049 min

Lab File: VW021537.D

Acq: 21 Dec 2021 21:05

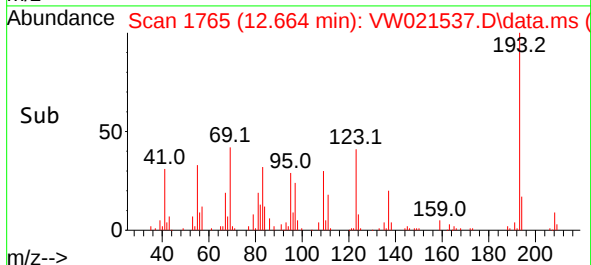
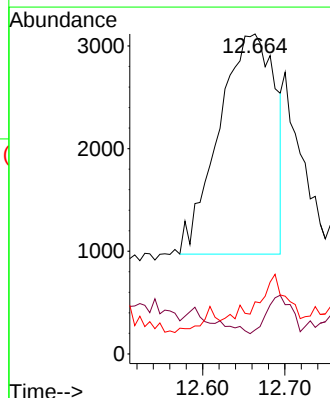
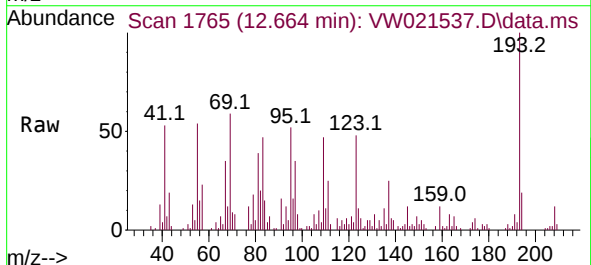
Tgt Ion: 83 Resp: 10135

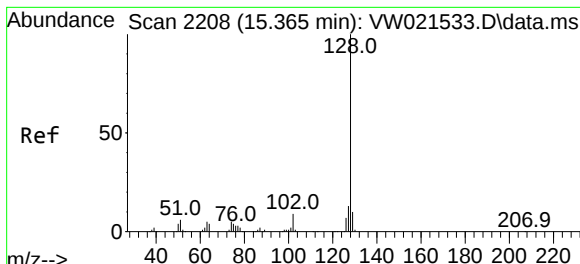
Ion Ratio Lower Upper

83 100

85 7.5 44.0 81.6#

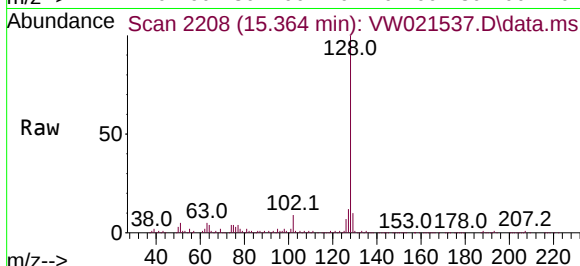
131 16.3 6.9 10.3#





#71
 Naphthalene
 Concen: 21.249 ug/L
 RT: 15.364 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW021537.D
 Acq: 21 Dec 2021 21:05

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:128 Resp: 102521

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	11.0	8.6	12.8

