

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021390.D
 Acq On : 15 Dec 2021 15:29
 Operator : SY/VA
 Sample : M5101-05
 Misc : 6.46g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 00:59:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

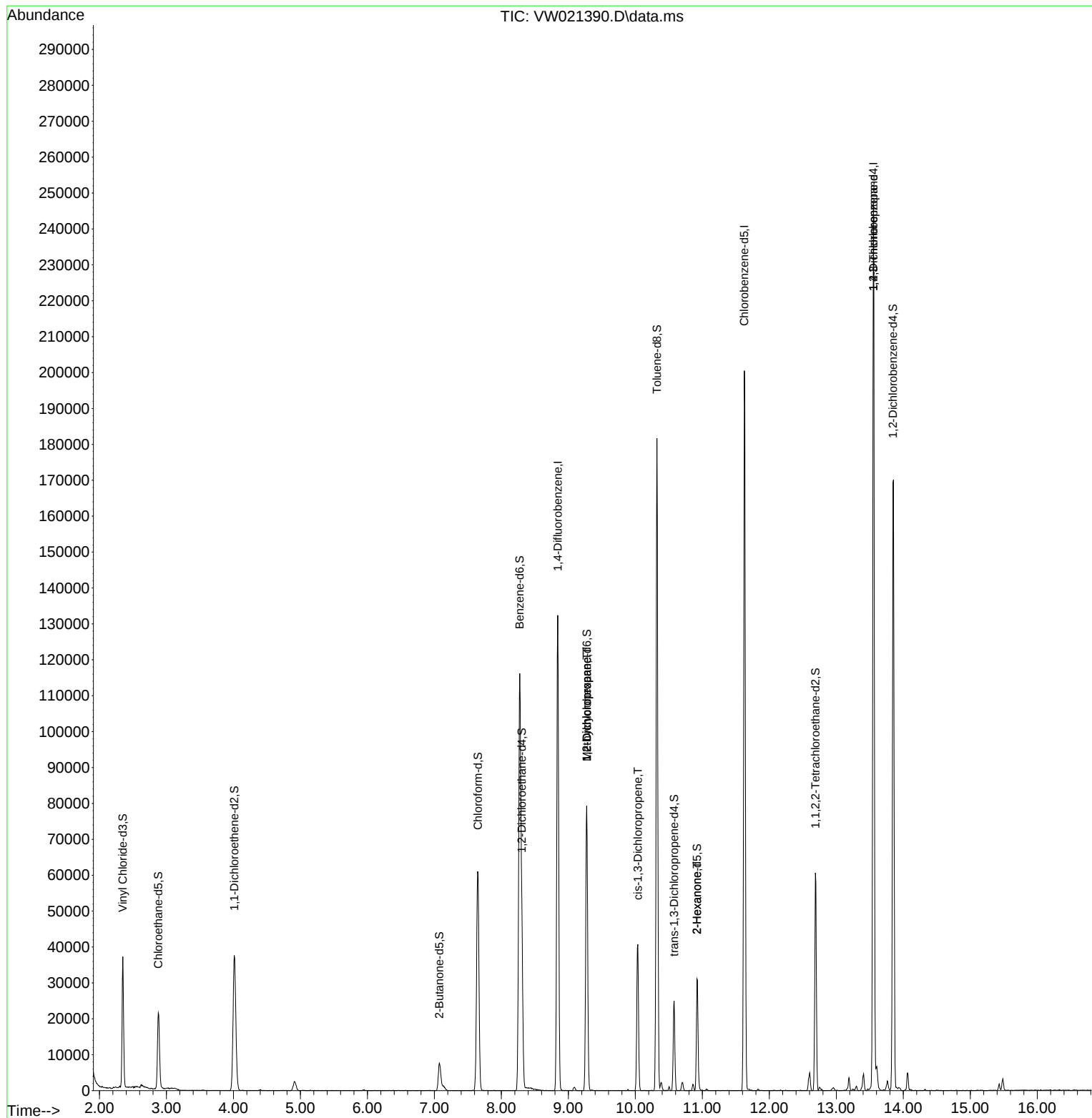
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	114287	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	112366	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33152	15.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.720%
7) Chloroethane-d5	2.879	69	25514	18.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.160%
11) 1,1-Dichloroethene-d2	4.013	63	35603	12.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.320%
21) 2-Butanone-d5	7.073	46	13085	44.597	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.200%
24) Chloroform-d	7.653	84	62245	19.544	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.160%
26) 1,2-Dichloroethane-d4	8.305	65	33366	19.695	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.760%
32) Benzene-d6	8.274	84	117036	19.002	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	9.274	67	33612	20.349	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.400%
41) Toluene-d8	10.323	98	116201	18.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.840%
43) trans-1,3-Dichloroprop...	10.579	79	12960	17.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.160%
47) 2-Hexanone-d5	10.920	63	10816	44.281	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28007	19.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.880%
66) 1,2-Dichlorobenzene-d4	13.847	152	46406	17.495	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.000%#
Target Compounds						Qvalue
35) Methylcyclohexane	9.274	83	9337	3.294	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4203	3.078	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1131	0.525	ug/L	# 56
48) 2-Hexanone	10.920	43	1344	2.491	ug/L	# 63
61) 1,2,3-Trichloropropane	13.554	75	7123	7.151	ug/L	# 66

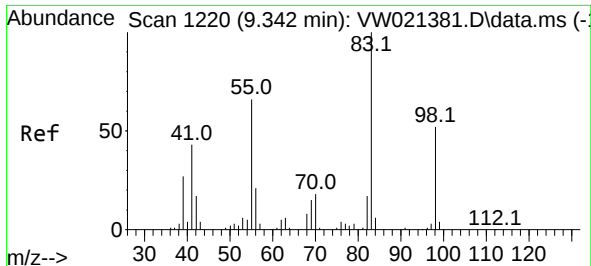
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

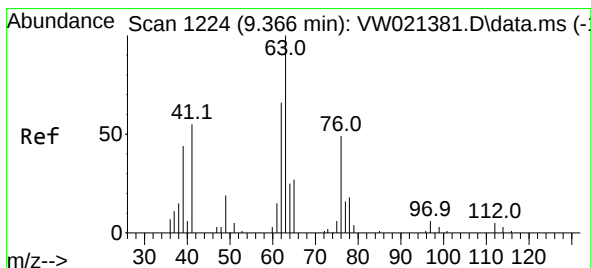
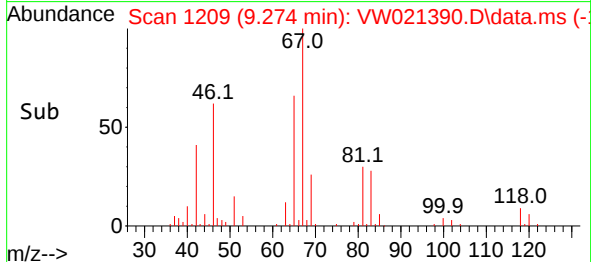
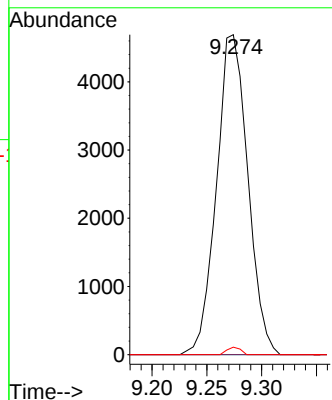
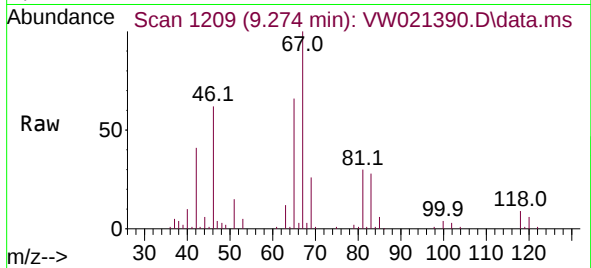




#35
Methylcyclohexane
Concen: 3.294 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.067 min
Lab File: VW021390.D
Acq: 15 Dec 2021 15:29

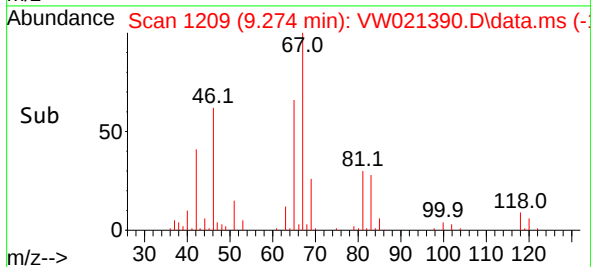
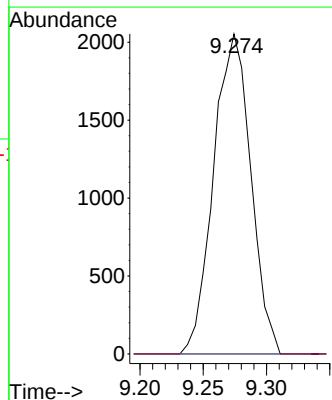
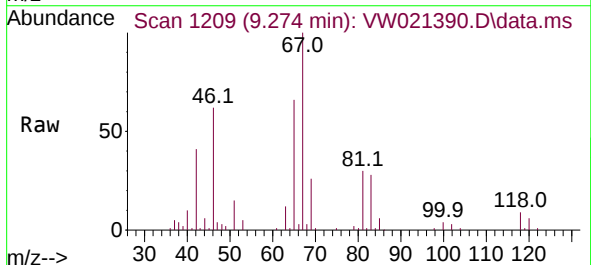
Instrument :
MSVOA_W
ClientSampleId :

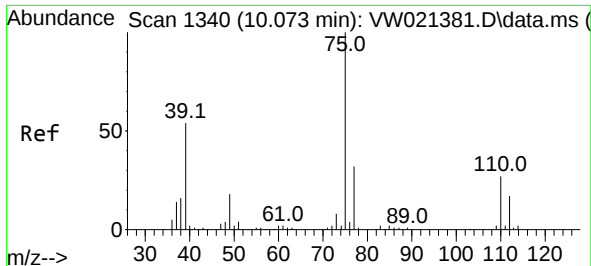
Tgt Ion: 83 Resp: 9337
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.078 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW021390.D
Acq: 15 Dec 2021 15:29

Tgt Ion: 63 Resp: 4203
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.525 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021390.D

Acq: 15 Dec 2021 15:29

Instrument :

MSVOA_W

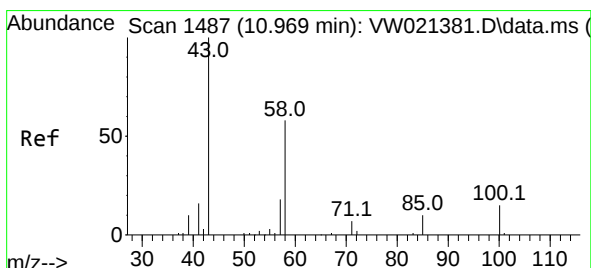
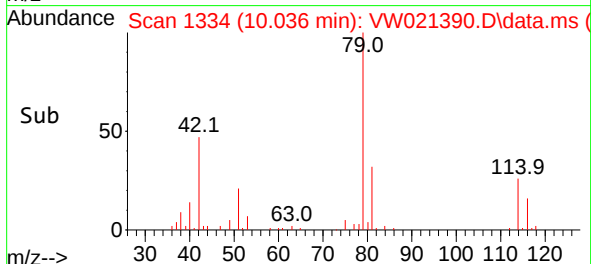
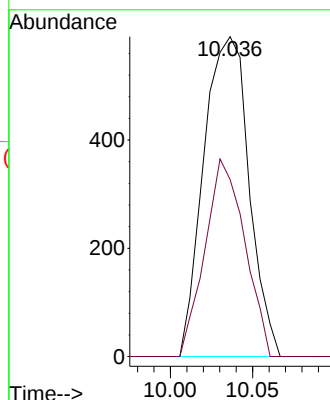
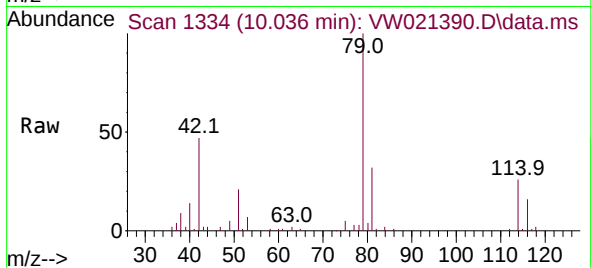
ClientSampleId :

Tgt Ion: 75 Resp: 1131

Ion Ratio Lower Upper

75 100

77 55.3 21.8 40.6#



#48

2-Hexanone

Concen: 2.491 ug/L

RT: 10.920 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW021390.D

Acq: 15 Dec 2021 15:29

Tgt Ion: 43 Resp: 1344

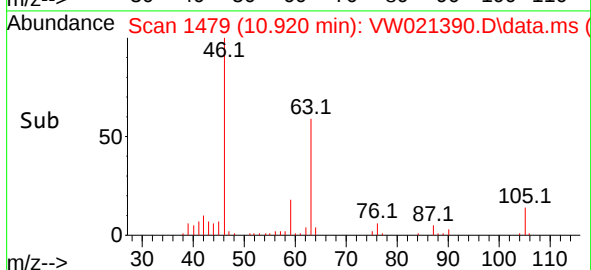
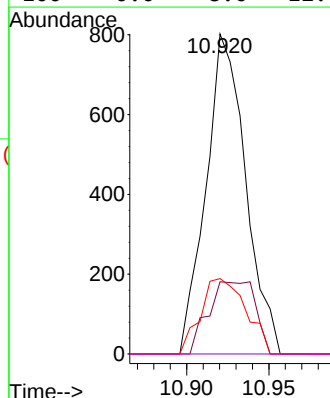
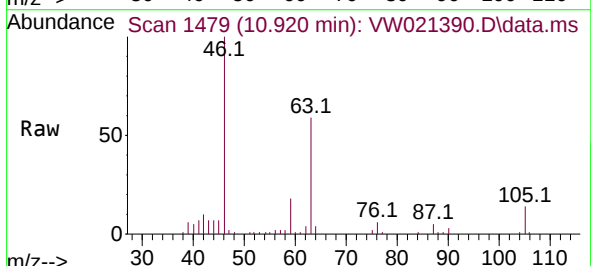
Ion Ratio Lower Upper

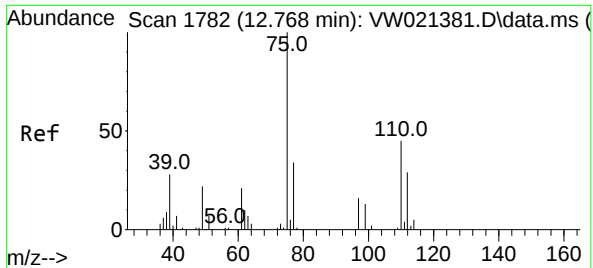
43 100

58 19.6 40.2 60.2#

57 27.0 14.3 21.5#

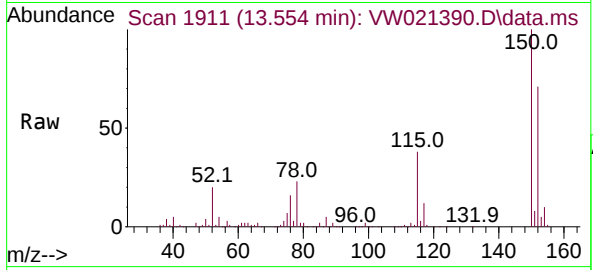
100 0.0 8.0 12.0#





#61
 1,2,3-Trichloropropane
 Concen: 7.151 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021390.D
 Acq: 15 Dec 2021 15:29

Instrument : MSVOA_W
 ClientSampleId :



Tgt Ion: 75	Resp: 7123
Ion Ratio	Lower Upper
75	100
77	36.6 25.8 38.8
110	2.2 29.0 43.4#

