

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021511.D
 Acq On : 20 Dec 2021 20:28
 Operator : SY/VA
 Sample : M5125-06
 Misc : 10.30g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 21:33:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

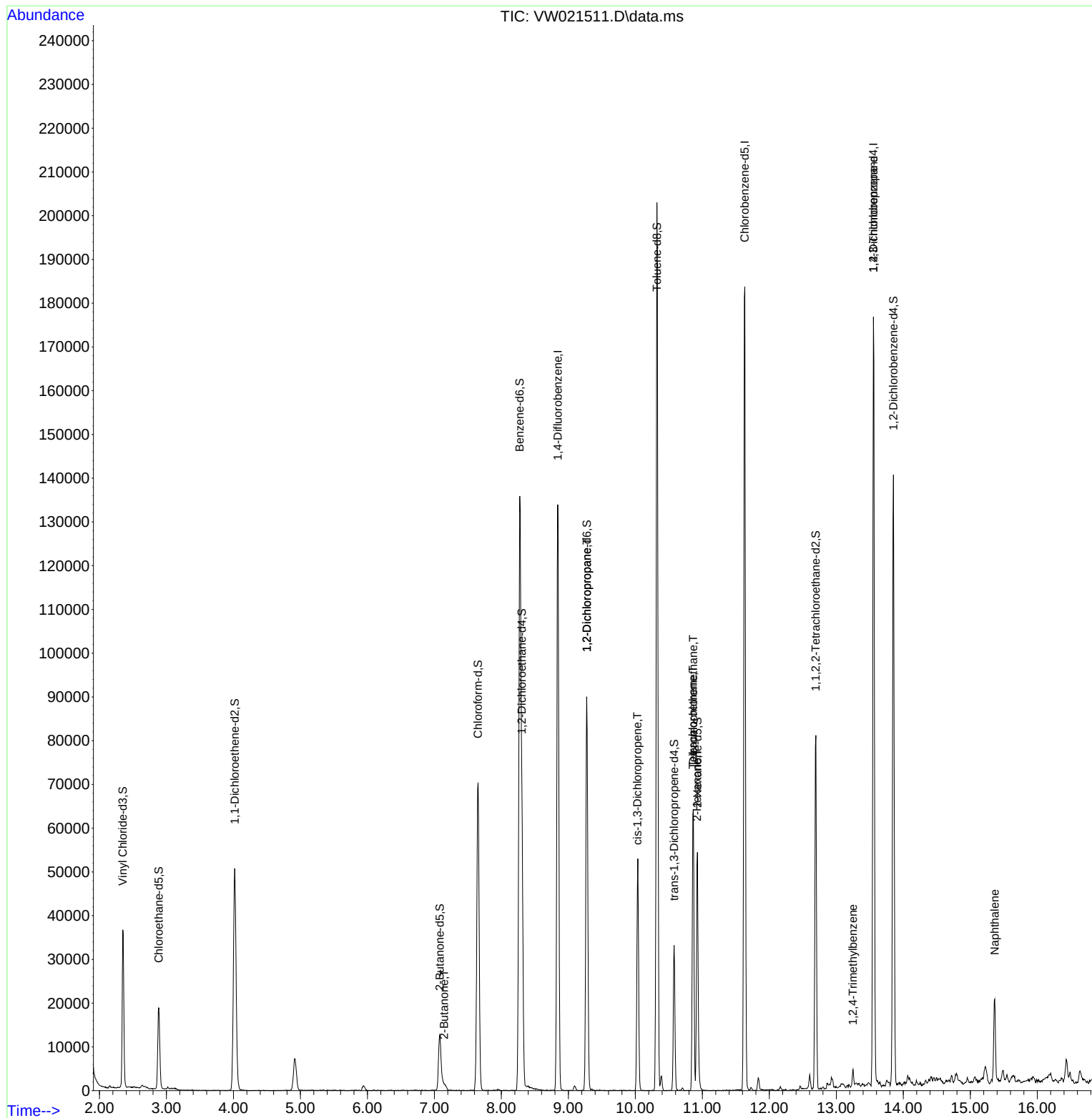
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	118023	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	105752	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	48213	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	35553	16.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.160%
7) Chloroethane-d5	2.885	69	21993	15.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.920%
11) 1,1-Dichloroethene-d2	4.019	63	48245	16.835	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.360%
21) 2-Butanone-d5	7.080	46	21625	71.371	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.740%#
24) Chloroform-d	7.653	84	71775	21.822	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.280%
26) 1,2-Dichloroethane-d4	8.305	65	44664	25.529	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.120%
32) Benzene-d6	8.274	84	138785	23.942	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.760%
36) 1,2-Dichloropropane-d6	9.274	67	39700	25.537	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.160%
41) Toluene-d8	10.323	98	133856	22.601	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	10.579	79	18241	25.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.920%
47) 2-Hexanone-d5	10.926	63	18474	80.363	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.720%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	37361	27.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	37546	20.094	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.360%
Target Compounds						
					Qvalue	
22) 2-Butanone	7.147	43	1354	3.817	ug/L #	52
37) 1,2-Dichloropropane	9.274	63	5059	3.937	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1439	0.710	ug/L	87
46) Tetrachloroethene	10.859	164	14915	9.709	ug/L	93
48) 2-Hexanone	10.920	43	2881	5.674	ug/L #	68
49) Dibromochloromethane	10.865	129	13669	10.542	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	5338	7.607	ug/L #	66
63) 1,2,4-Trimethylbenzene	13.249	105	2506	0.456	ug/L	91
71) Naphthalene	15.365	128	16990	5.630	ug/L	99

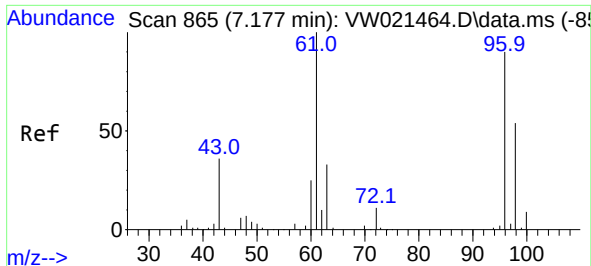
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration

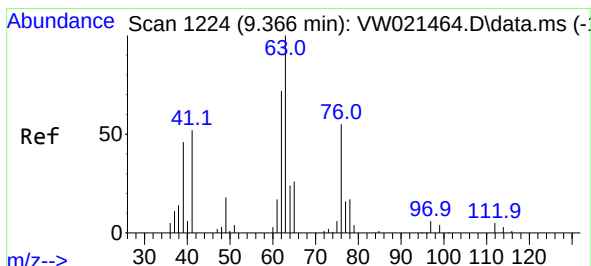
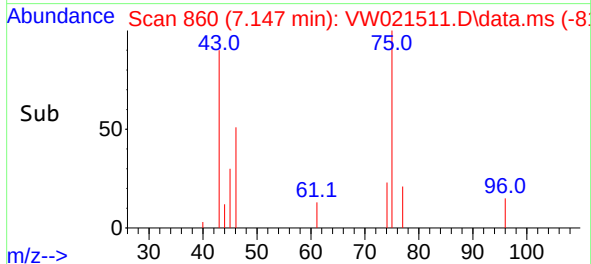
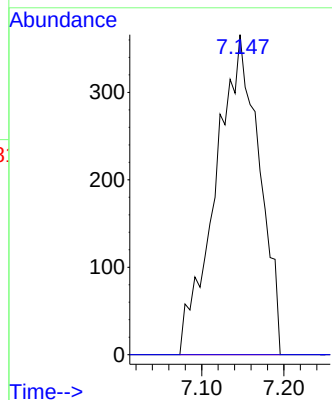
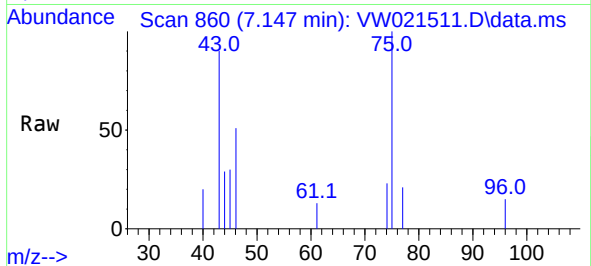




#22
2-Butanone
Concen: 3.817 ug/L
RT: 7.147 min Scan# 80
Delta R.T. -0.018 min
Lab File: VW021511.D
Acq: 20 Dec 2021 20:28

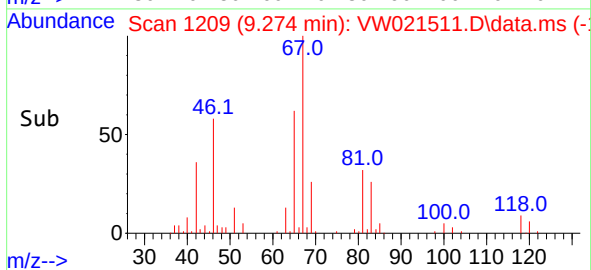
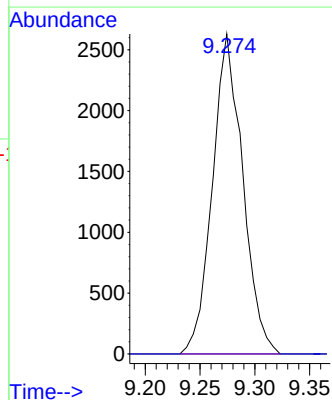
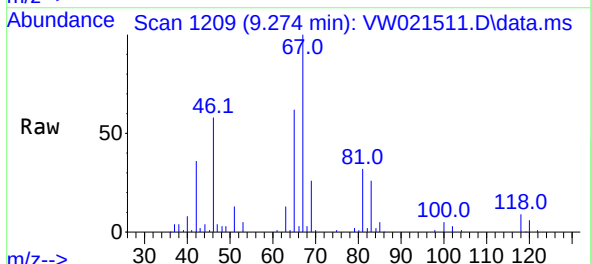
Instrument :
MSVOA_W
ClientSampleId :

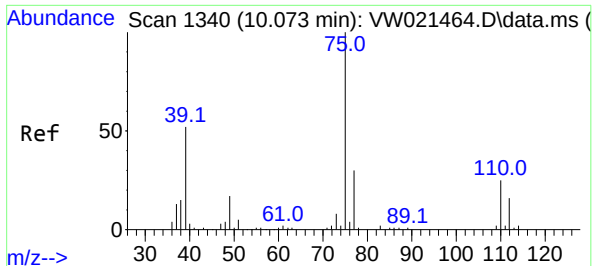
Tgt Ion: 43 Resp: 1354
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#37
1,2-Dichloropropane
Concen: 3.937 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW021511.D
Acq: 20 Dec 2021 20:28

Tgt Ion: 63 Resp: 5059
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.710 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021511.D

Acq: 20 Dec 2021 20:28

Instrument :

MSVOA_W

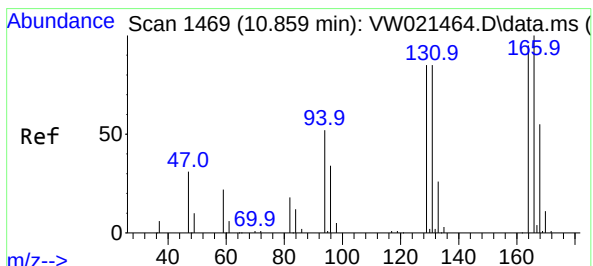
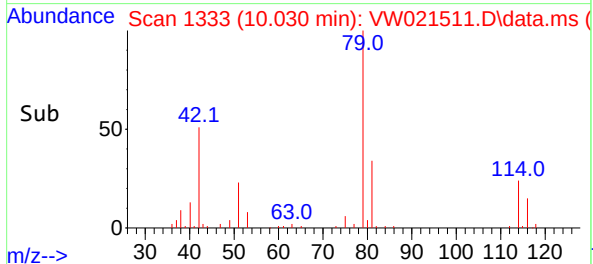
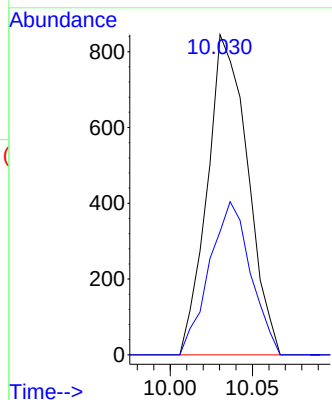
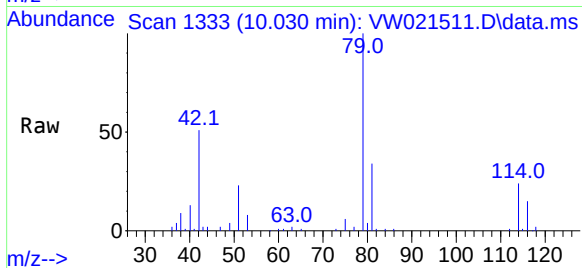
ClientSampleId :

Tgt Ion: 75 Resp: 1439

Ion Ratio Lower Upper

75 100

77 38.5 21.8 40.6



#46

Tetrachloroethene

Concen: 9.709 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021511.D

Acq: 20 Dec 2021 20:28

Tgt Ion:164 Resp: 14915

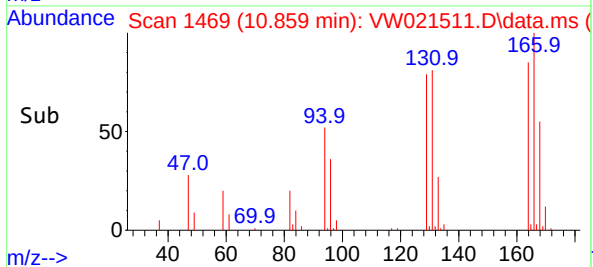
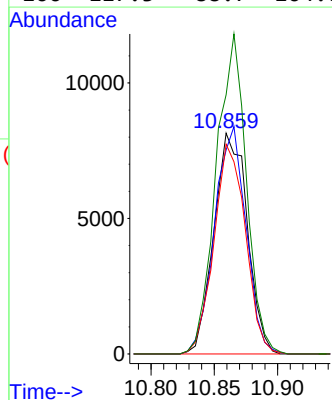
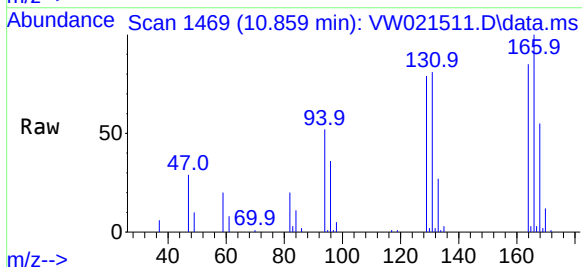
Ion Ratio Lower Upper

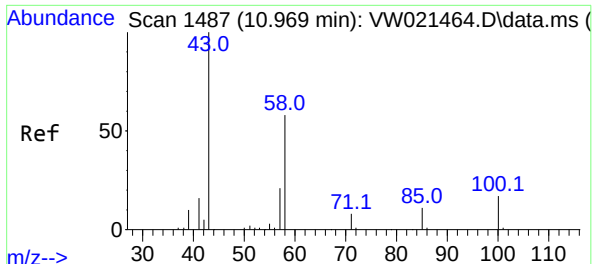
164 100

129 92.4 65.5 121.7

131 94.9 59.7 110.9

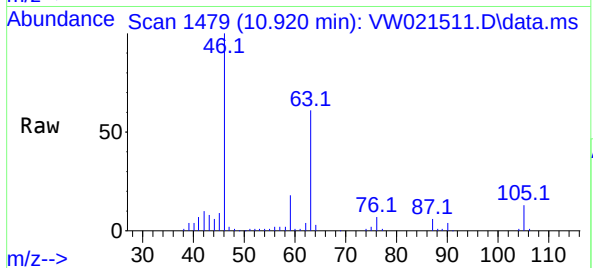
166 117.3 88.7 164.7



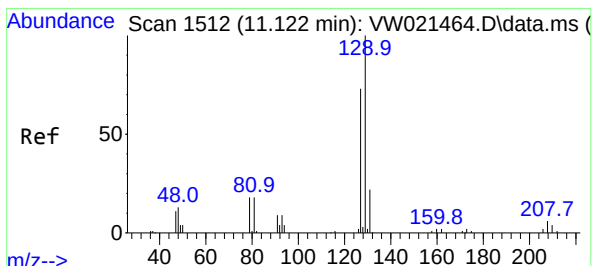
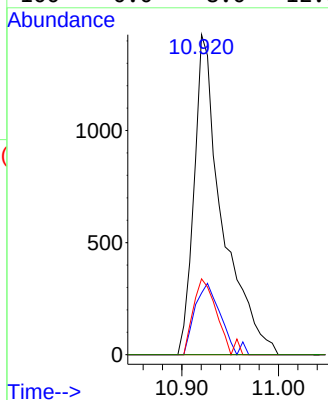
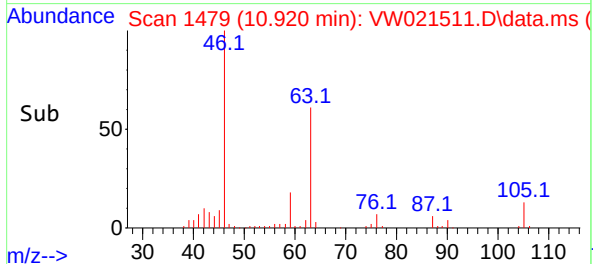


#48
2-Hexanone
Concen: 5.674 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021511.D
Acq: 20 Dec 2021 20:28

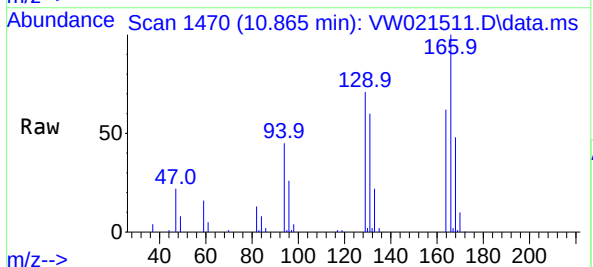
Instrument :
MSVOA_W
ClientSampleId :



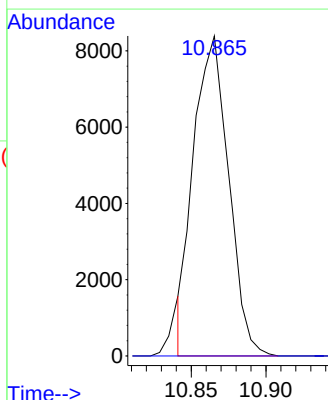
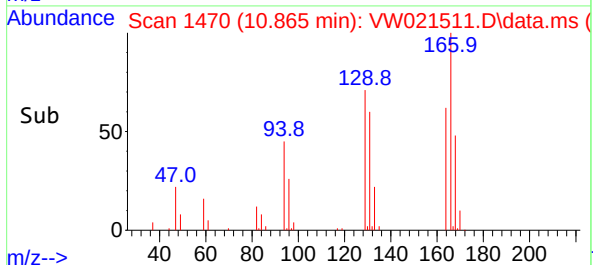
Tgt Ion: 43 Resp: 2881
Ion Ratio Lower Upper
43 100
58 19.8 40.2 60.2#
57 19.0 14.3 21.5
100 0.0 8.0 12.0#

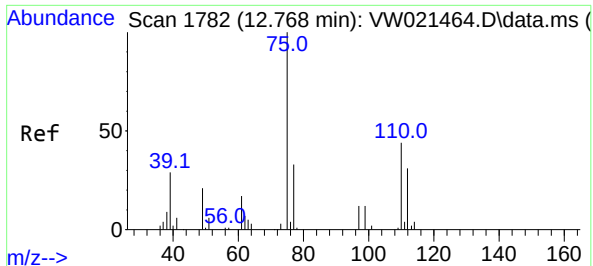


#49
Dibromochloromethane
Concen: 10.542 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW021511.D
Acq: 20 Dec 2021 20:28



Tgt Ion: 129 Resp: 13669
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 7.607 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021511.D

Acq: 20 Dec 2021 20:28

Instrument :

MSVOA_W

ClientSampleId :

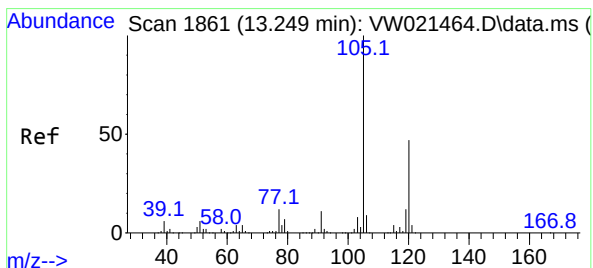
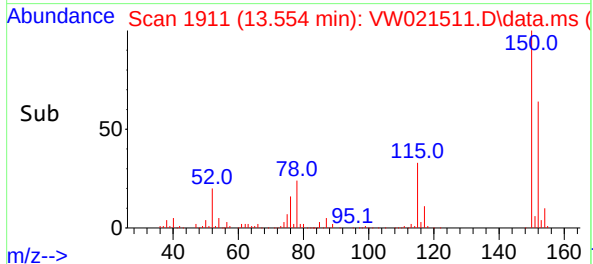
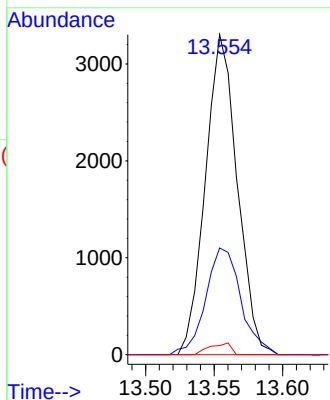
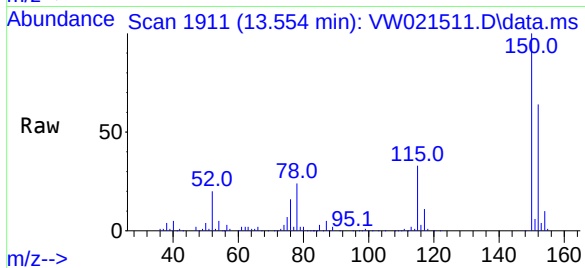
Tgt Ion: 75 Resp: 5338

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.8

110 2.5 29.0 43.4#



#63

1,2,4-Trimethylbenzene

Concen: 0.456 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021511.D

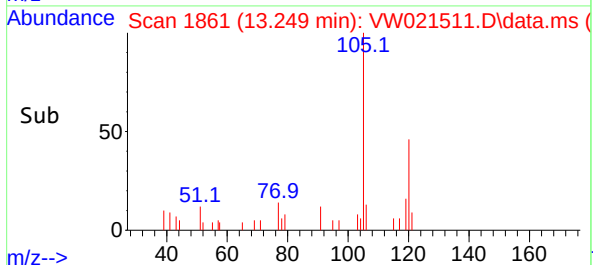
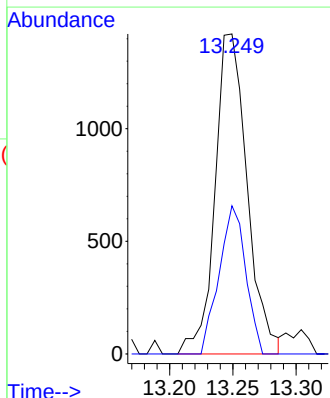
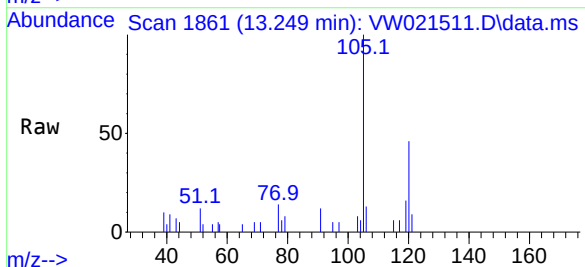
Acq: 20 Dec 2021 20:28

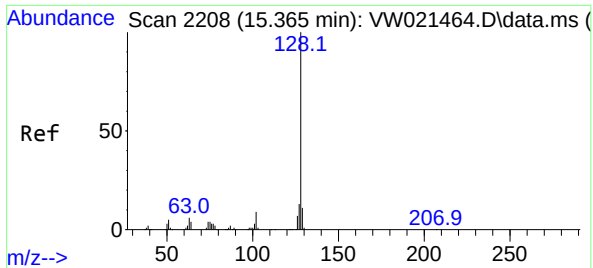
Tgt Ion: 105 Resp: 2506

Ion Ratio Lower Upper

105 100

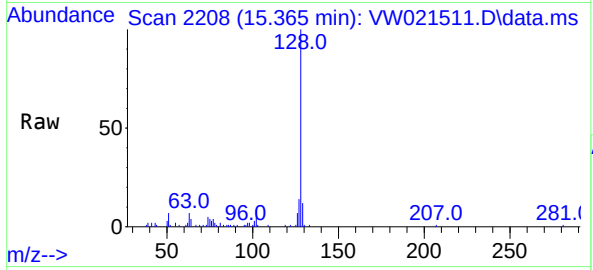
120 38.3 35.0 52.6





#71
Naphthalene
Concen: 5.630 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021511.D
Acq: 20 Dec 2021 20:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	16990
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	10.9	8.6	12.8

