

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021481.D
 Acq On : 18 Dec 2021 17:06
 Operator : SY/VA
 Sample : M5154-13
 Misc : 5.31g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:12:56 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)

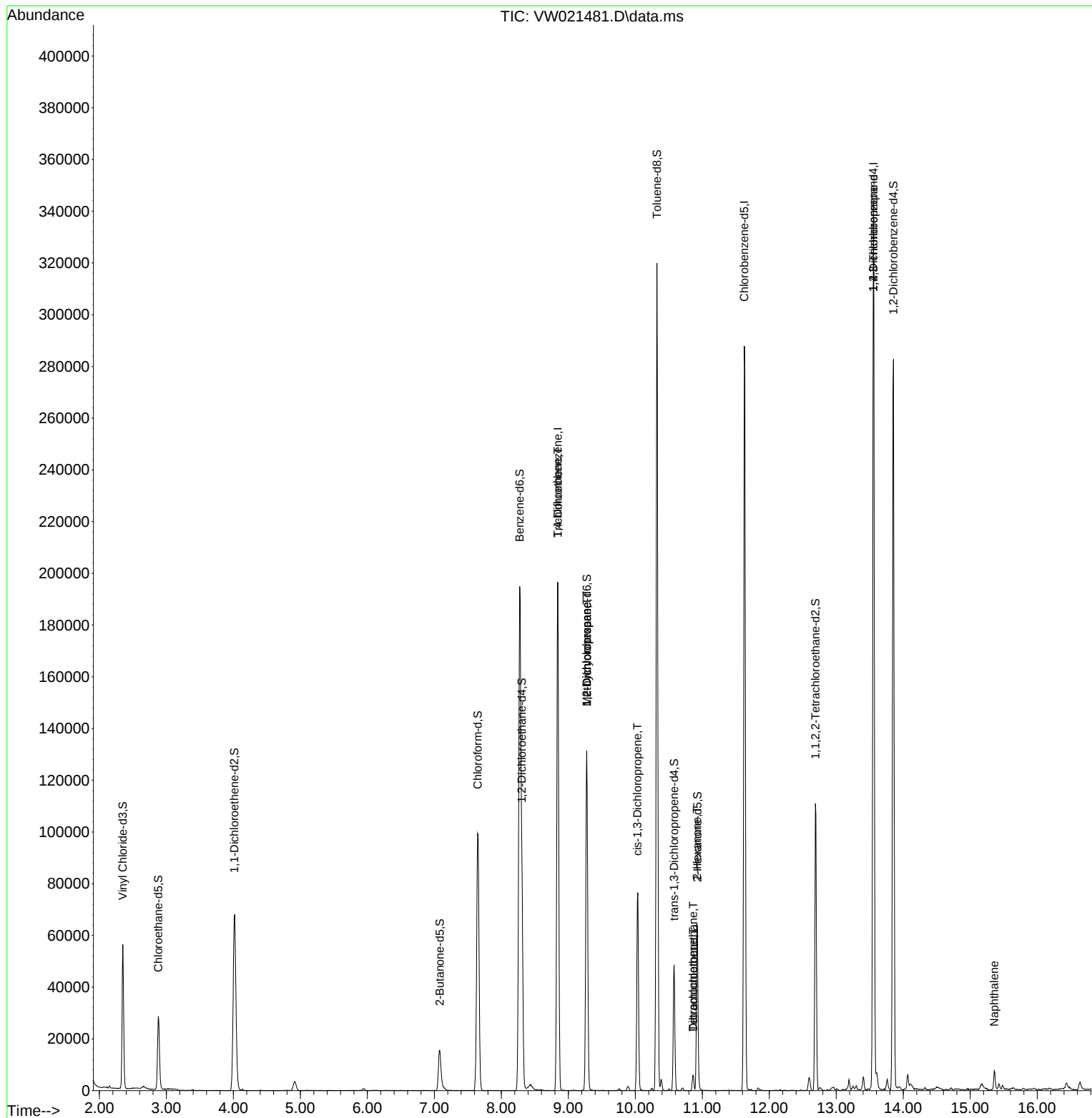
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	168585	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	167842	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	91840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	53567	17.446	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.800%
7) Chloroethane-d5	2.879	69	32578	16.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.200%
11) 1,1-Dichloroethene-d2	4.013	63	65031	15.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.560%
21) 2-Butanone-d5	7.080	46	27291	63.057	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.120%
24) Chloroform-d	7.647	84	102767	21.874	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.480%
26) 1,2-Dichloroethane-d4	8.305	65	60676	24.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.120%
32) Benzene-d6	8.275	84	199718	21.708	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.840%
36) 1,2-Dichloropropane-d6	9.274	67	56363	22.844	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.360%
41) Toluene-d8	10.323	98	203265	21.624	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.480%
43) trans-1,3-Dichloroprop...	10.579	79	26008	22.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.560%
47) 2-Hexanone-d5	10.927	63	21959	60.186	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.380%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	49703	23.434	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	72285	20.309	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.240%
Target Compounds						
					Qvalue	
34) Trichloroethene	8.842	95	4989	1.944	ug/L #	5
35) Methylcyclohexane	9.274	83	14924	3.525	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	7015	3.440	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	2166	0.674	ug/L #	78
46) Tetrachloroethene	10.866	164	1351	0.554	ug/L	92
48) 2-Hexanone	10.920	43	2746	3.408	ug/L #	69
49) Dibromochloromethane	10.866	129	1323	0.643	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	10120	7.571	ug/L #	69
71) Naphthalene	15.359	128	6419	1.117	ug/L	99

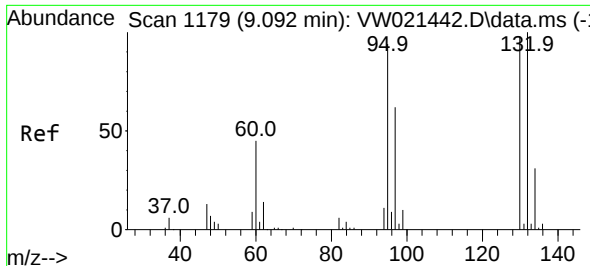
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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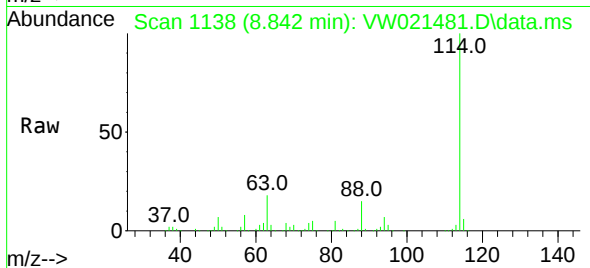
Quant Time: Dec 18 23:12:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
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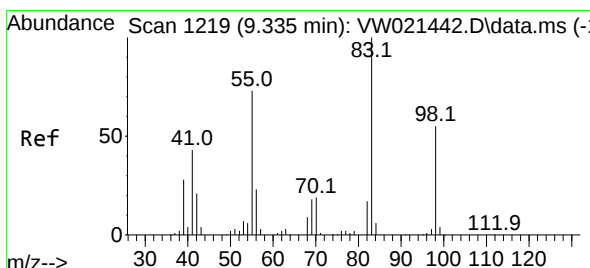
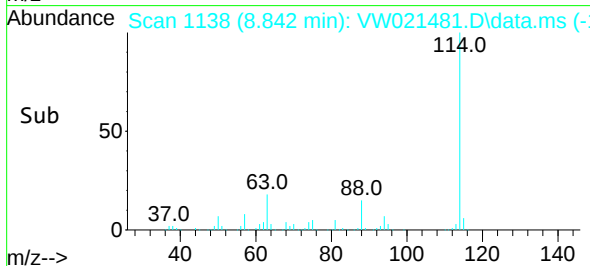
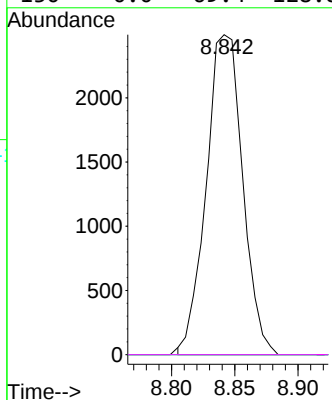


#34
Trichloroethene
Concen: 1.944 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021481.D
Acq: 18 Dec 2021 17:06

Instrument :
MSVOA_W
ClientSampleId :

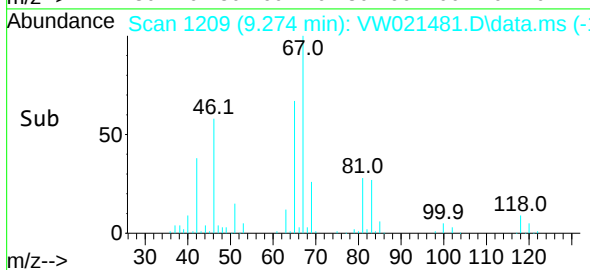
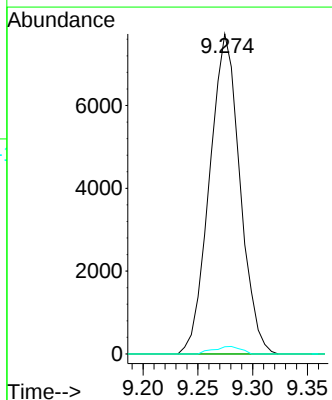
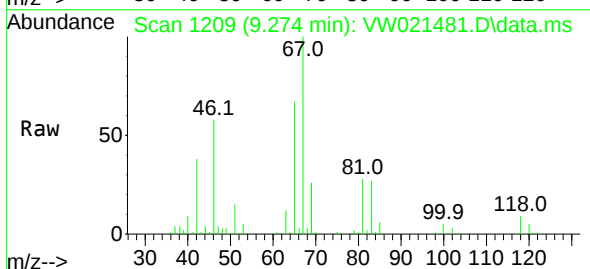


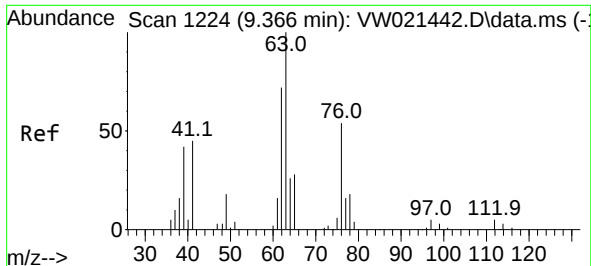
Tgt Ion: 95 Resp: 4989
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#35
Methylcyclohexane
Concen: 3.525 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021481.D
Acq: 18 Dec 2021 17:06

Tgt Ion: 83 Resp: 14924
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 2.1 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.440 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021481.D

Acq: 18 Dec 2021 17:06

Instrument :

MSVOA_W

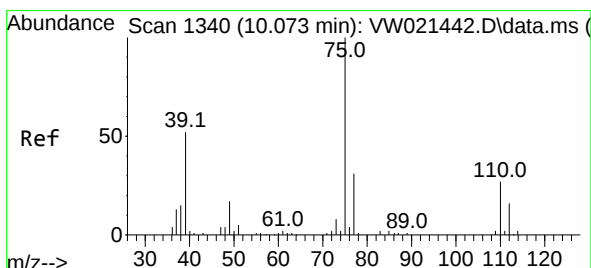
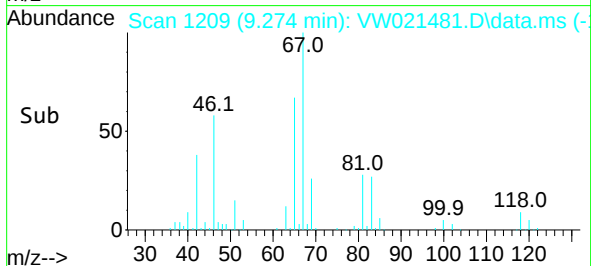
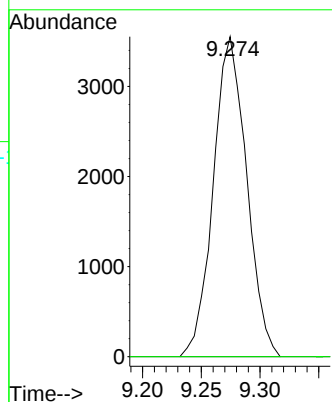
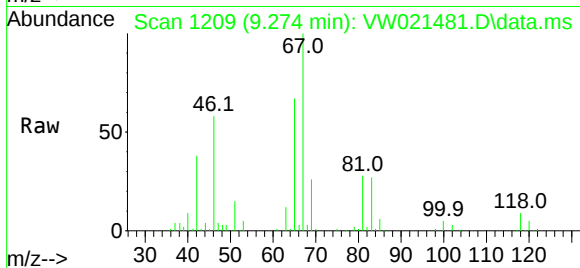
ClientSampleId :

Tgt Ion: 63 Resp: 7015

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021481.D

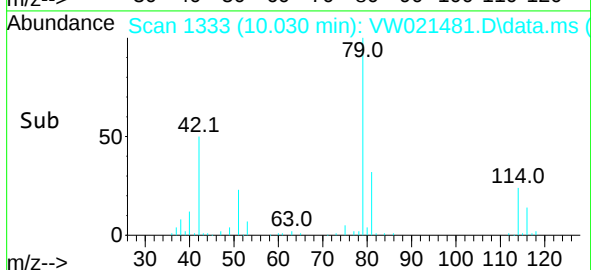
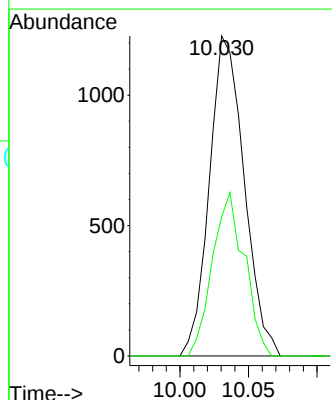
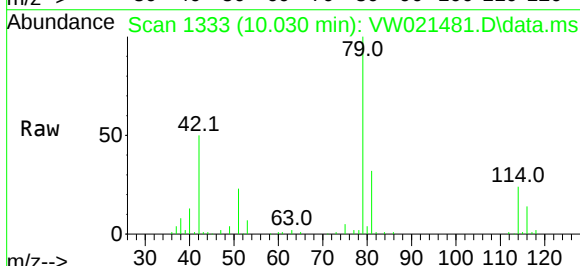
Acq: 18 Dec 2021 17:06

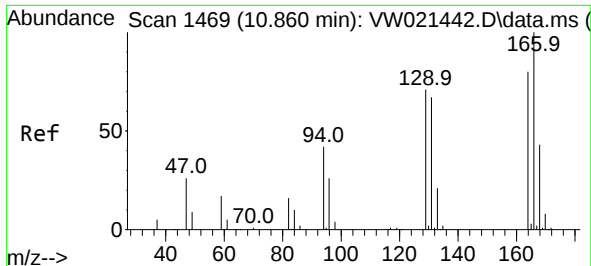
Tgt Ion: 75 Resp: 2166

Ion Ratio Lower Upper

75 100

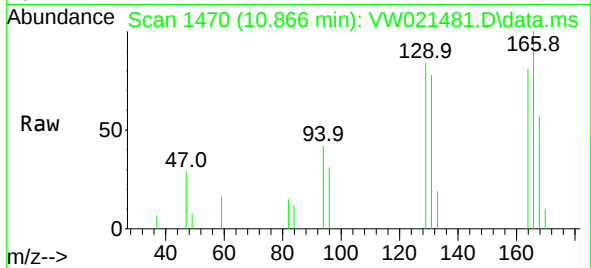
77 43.4 21.8 40.6#



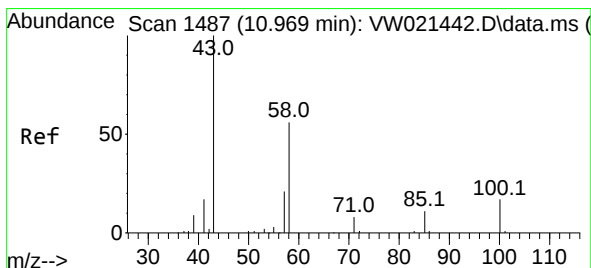
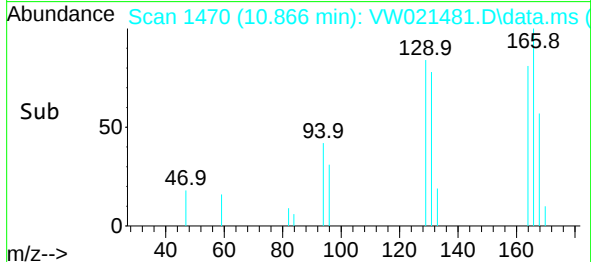
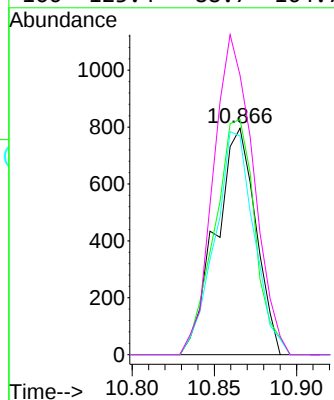


#46
Tetrachloroethene
Concen: 0.554 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021481.D
Acq: 18 Dec 2021 17:06

Instrument :
MSVOA_W
ClientSampleId :

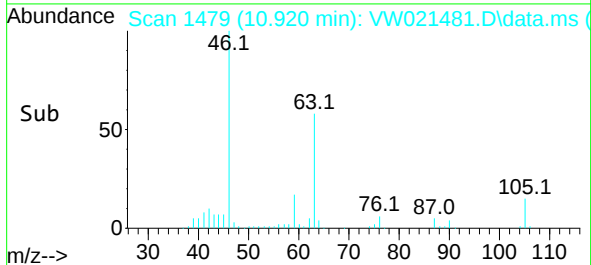
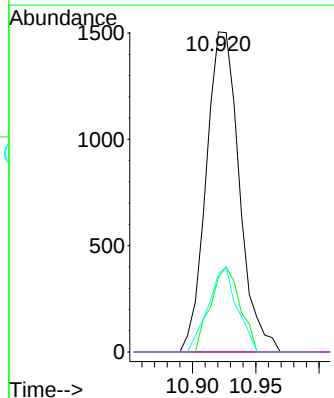
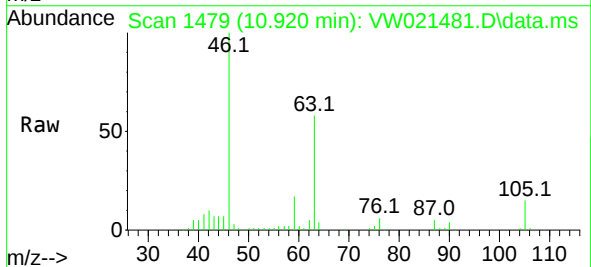


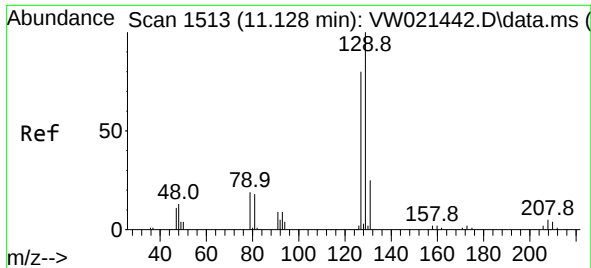
Tgt Ion:164 Resp: 1351
Ion Ratio Lower Upper
164 100
129 103.9 65.5 121.7
131 96.6 59.7 110.9
166 123.4 88.7 164.7



#48
2-Hexanone
Concen: 3.408 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021481.D
Acq: 18 Dec 2021 17:06

Tgt Ion: 43 Resp: 2746
Ion Ratio Lower Upper
43 100
58 23.5 40.2 60.2#
57 23.1 14.3 21.5#
100 0.0 8.0 12.0#

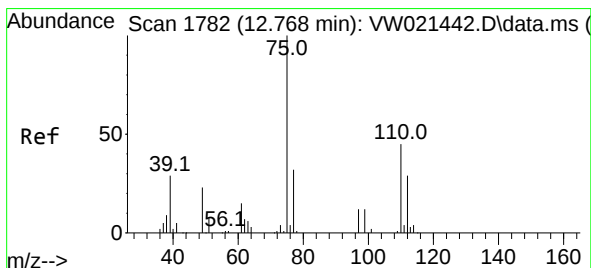
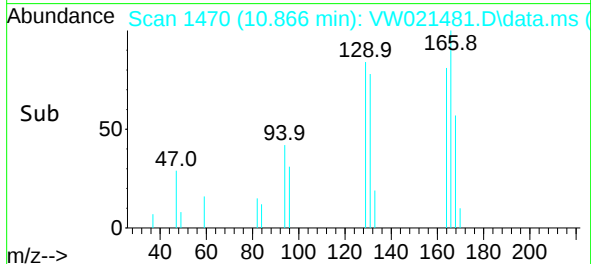
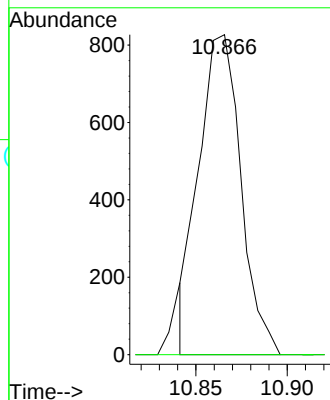
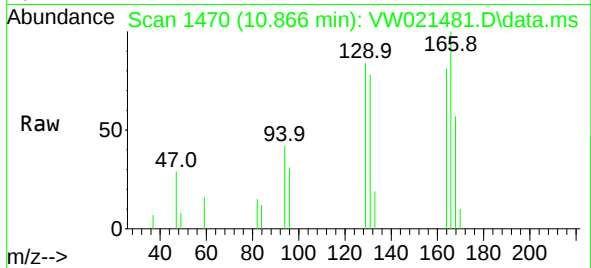




#49
Dibromochloromethane
Concen: 0.643 ug/L
RT: 10.866 min Scan# 14
Delta R.T. -0.262 min
Lab File: VW021481.D
Acq: 18 Dec 2021 17:06

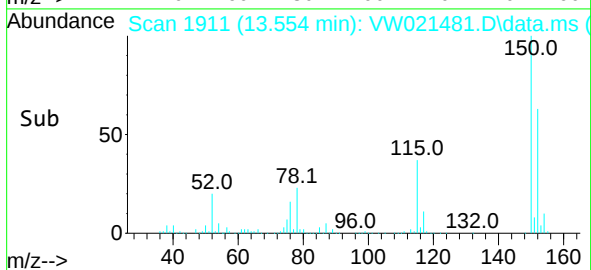
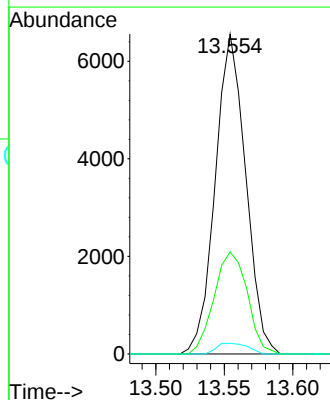
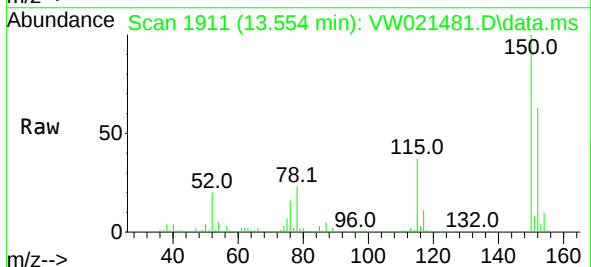
Instrument :
MSVOA_W
ClientSampleId :

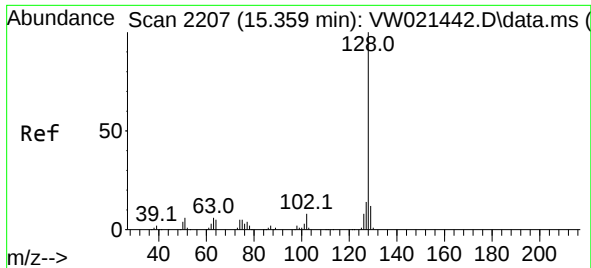
Tgt Ion:129 Resp: 1323
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 7.571 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021481.D
Acq: 18 Dec 2021 17:06

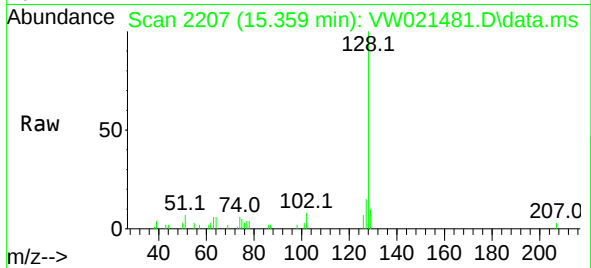
Tgt Ion: 75 Resp: 10120
Ion Ratio Lower Upper
75 100
77 34.8 25.8 38.8
110 3.4 29.0 43.4#





#71
Naphthalene
Concen: 1.117 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021481.D
Acq: 18 Dec 2021 17:06

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	6419
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.7	16.1
129	10.6	8.6	12.8

