

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021084.D
 Acq On : 03 Dec 2021 23:16
 Operator : SY/VA
 Sample : M4883-16
 Misc : 4.36g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:43:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

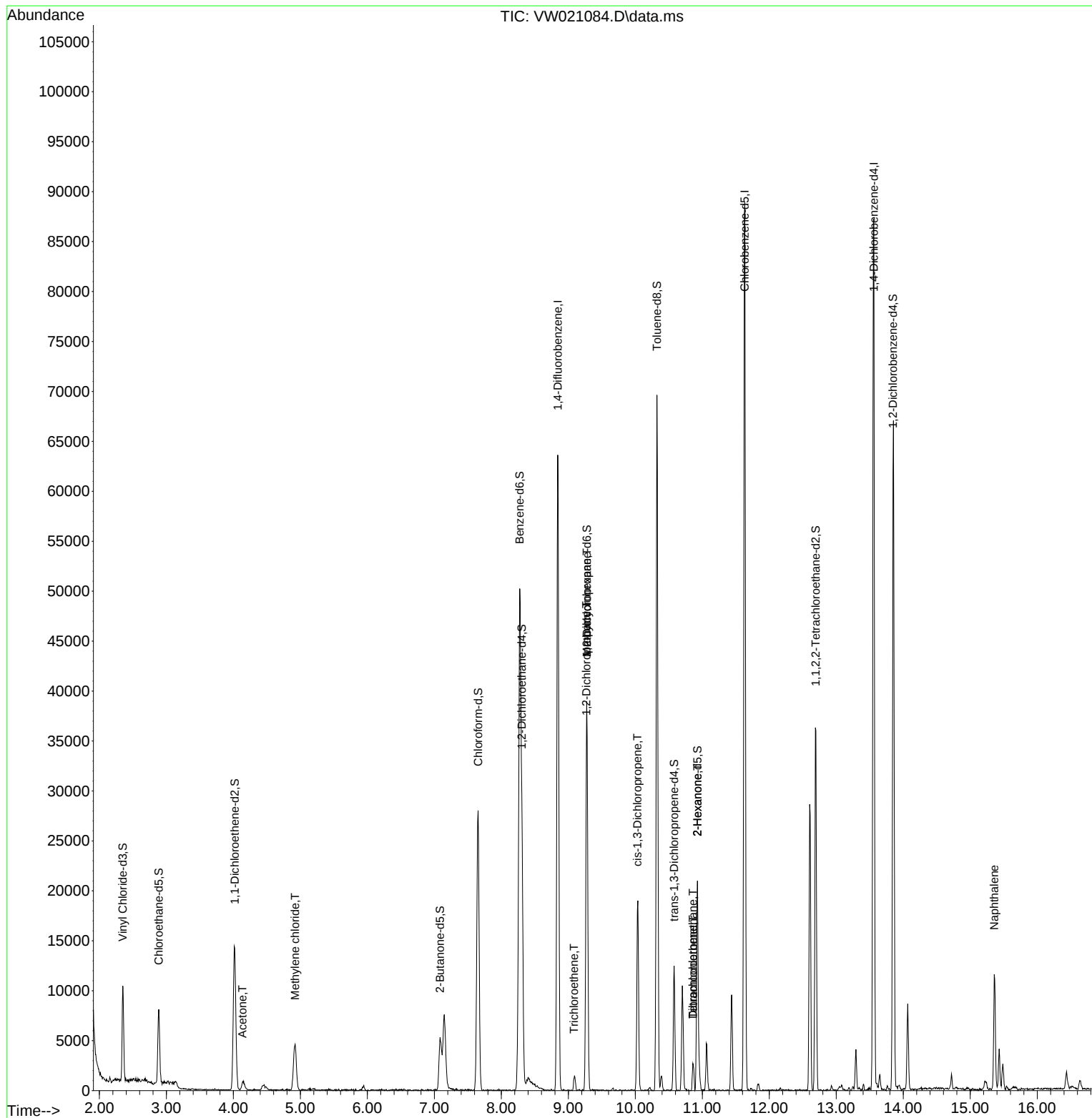
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	54757	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	50549	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	24248	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	8681	11.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.520%
7) Chloroethane-d5	2.885	69	7844	15.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.440%
11) 1,1-Dichloroethene-d2	4.019	63	13348	10.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.800%#
21) 2-Butanone-d5	7.086	46	9265	53.242	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.480%
24) Chloroform-d	7.653	84	28241	20.594	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.360%
26) 1,2-Dichloroethane-d4	8.305	65	18156	24.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	8.275	84	48116	18.616	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.480%
36) 1,2-Dichloropropane-d6	9.274	67	16256	22.632	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.520%
41) Toluene-d8	10.323	98	44546	16.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.240%
43) trans-1,3-Dichloroprop...	10.579	79	6303	19.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.320%
47) 2-Hexanone-d5	10.927	63	6713	48.850	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.700%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	16881	25.404	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	13.847	152	17039	19.612	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.440%
Target Compounds						Qvalue
13) Acetone	4.135	43	1051	6.630	ug/L	75
16) Methylene chloride	4.922	84	3745	4.341	ug/L	79
34) Trichloroethene	9.085	95	567	0.715	ug/L	# 72
35) Methylcyclohexane	9.274	83	4289	3.213	ug/L	# 14
37) 1,2-Dichloropropane	9.268	63	2056	3.165	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	581	0.553	ug/L	86
46) Tetrachloroethene	10.860	164	638	0.879	ug/L	95
48) 2-Hexanone	10.927	43	899	2.816	ug/L	# 66
49) Dibromochloromethane	10.860	129	592	0.870	ug/L	# 10
71) Naphthalene	15.359	128	10255	5.757	ug/L	100

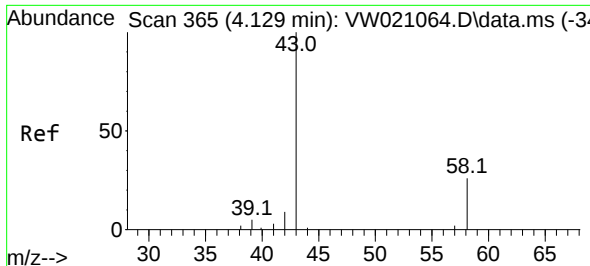
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 04 01:31:24 2021
Response via : Initial Calibration

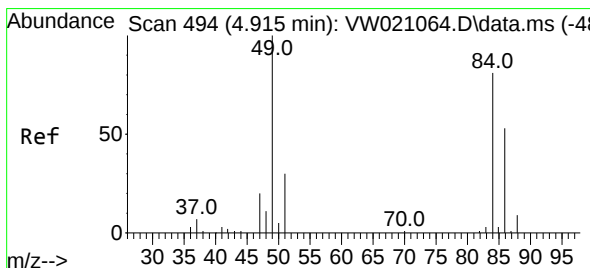
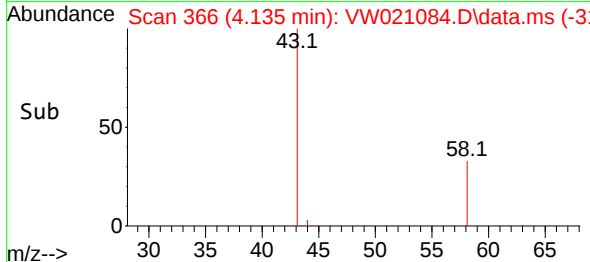
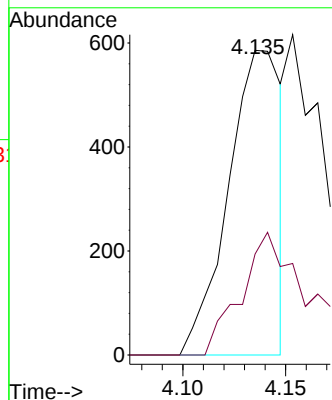
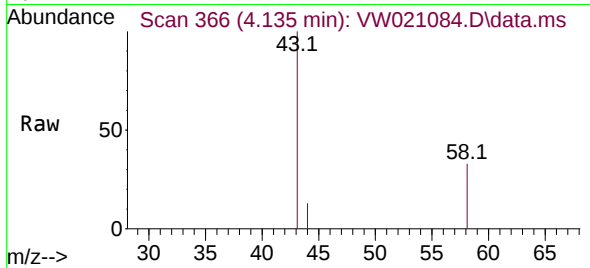




#13
Acetone
Concen: 6.630 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW021084.D
Acq: 03 Dec 2021 23:16

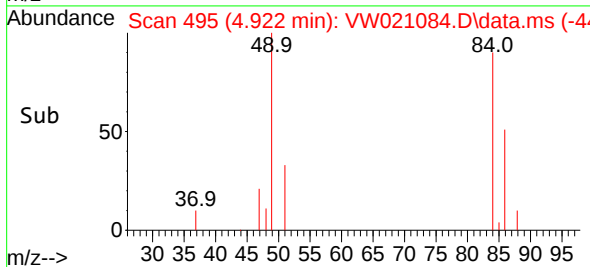
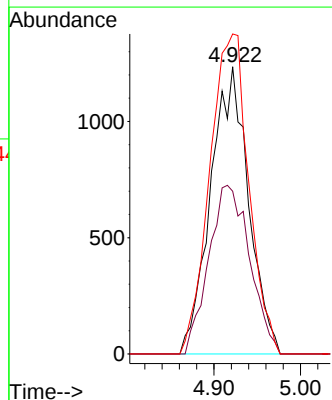
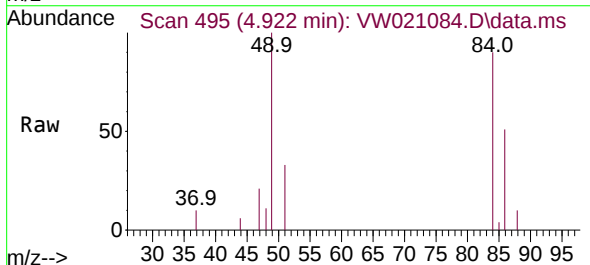
Instrument :
MSVOA_W
ClientSampleId :

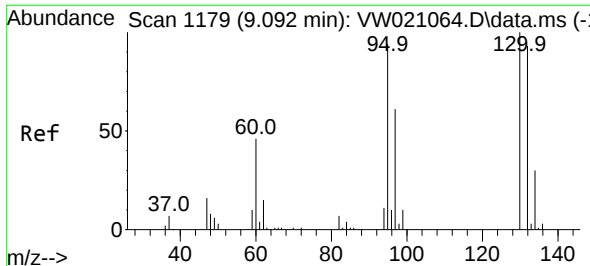
Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
58 39.3 0.0 52.8



#16
Methylene chloride
Concen: 4.341 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021084.D
Acq: 03 Dec 2021 23:16

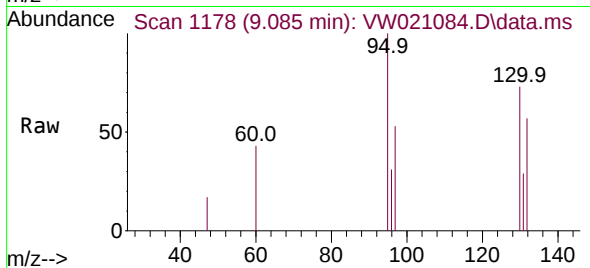
Tgt Ion: 84 Resp: 3745
Ion Ratio Lower Upper
84 100
86 56.7 45.5 84.5
49 111.4 100.5 186.7





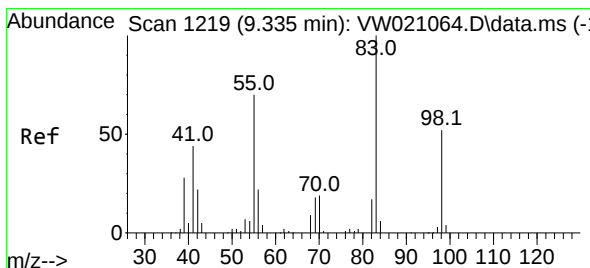
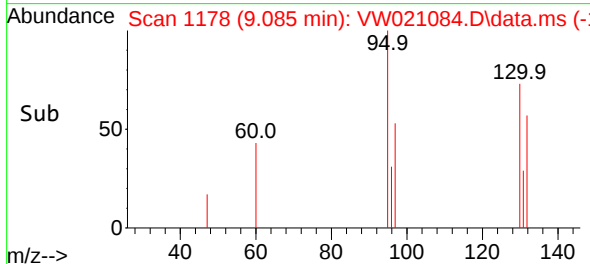
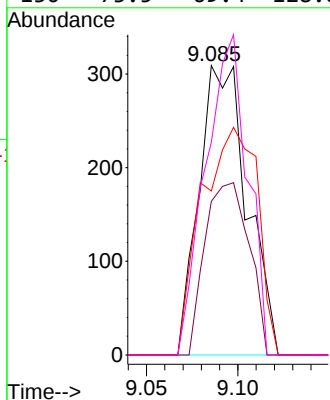
#34
Trichloroethene
Concen: 0.715 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW021084.D
Acq: 03 Dec 2021 23:16

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 567

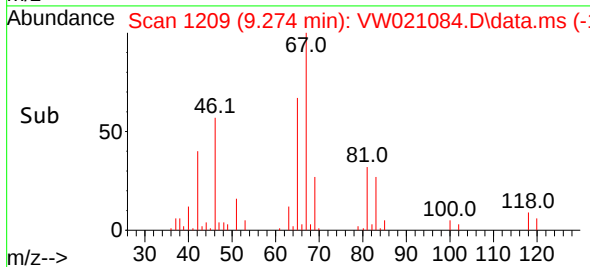
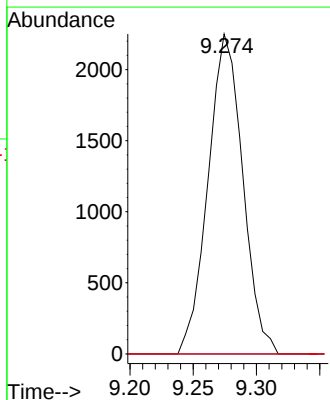
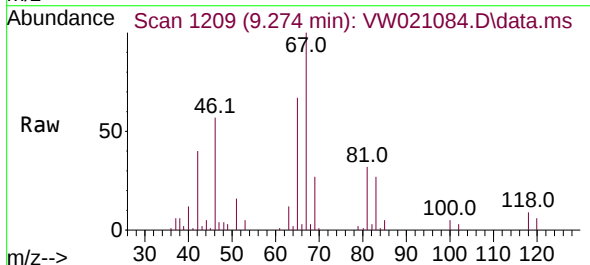
Ion	Ratio	Lower	Upper
95	100		
97	53.1	47.0	87.2
132	56.6	65.5	121.6#
130	73.5	69.4	128.8

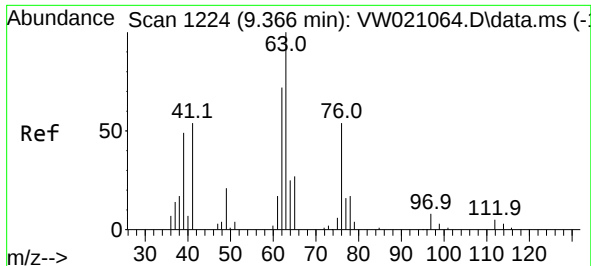


#35
Methylcyclohexane
Concen: 3.213 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021084.D
Acq: 03 Dec 2021 23:16

Tgt Ion: 83 Resp: 4289

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	0.0	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.165 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021084.D

Acq: 03 Dec 2021 23:16

Instrument :

MSVOA_W

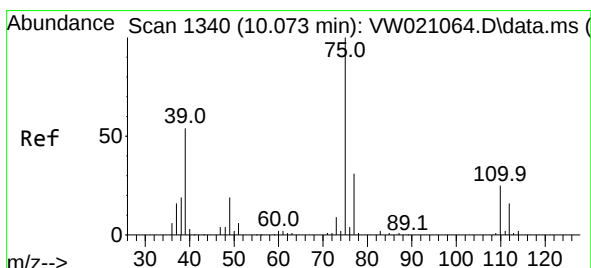
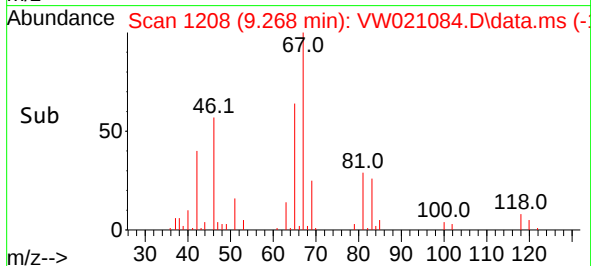
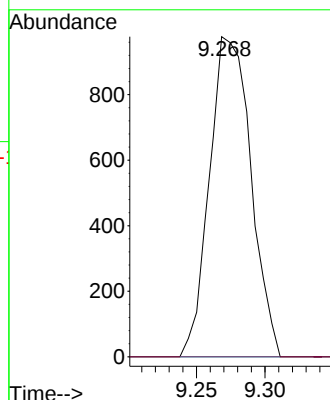
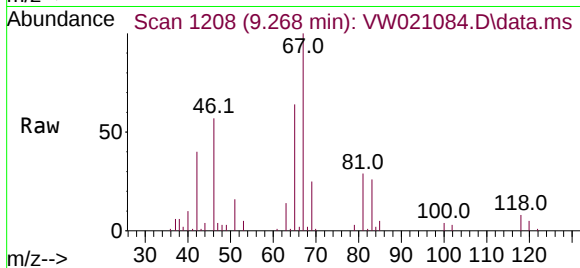
ClientSampleId :

Tgt Ion: 63 Resp: 2056

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.553 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021084.D

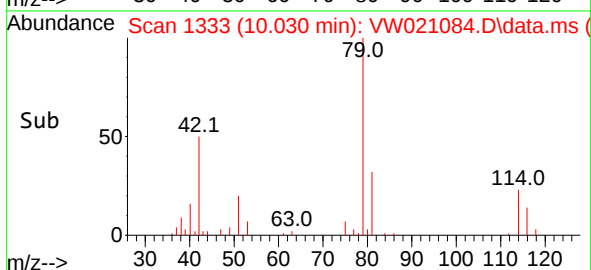
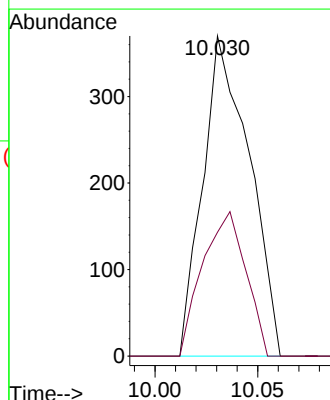
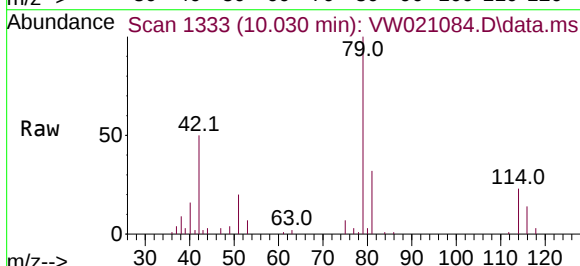
Acq: 03 Dec 2021 23:16

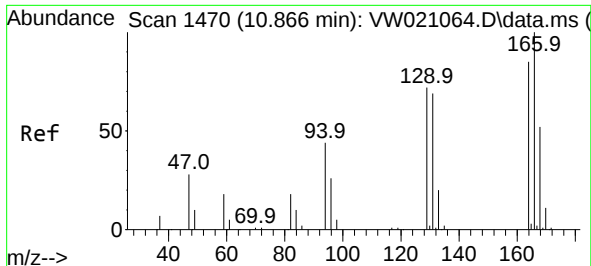
Tgt Ion: 75 Resp: 581

Ion Ratio Lower Upper

75 100

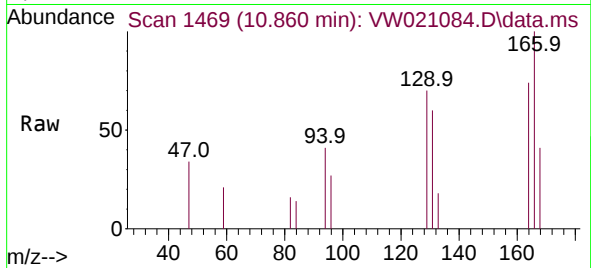
77 38.6 21.8 40.6



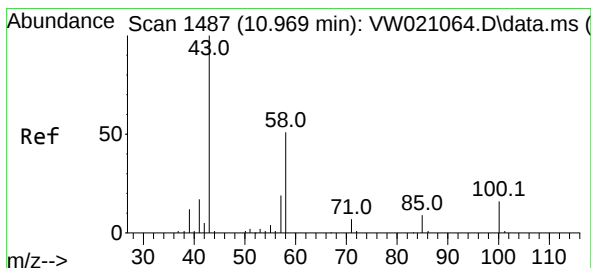
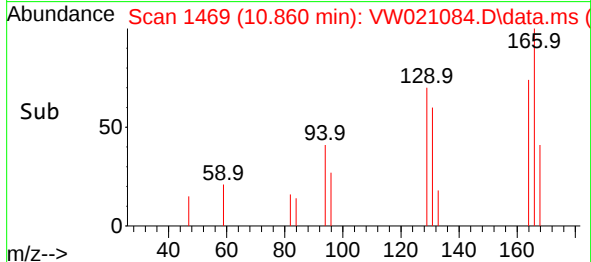
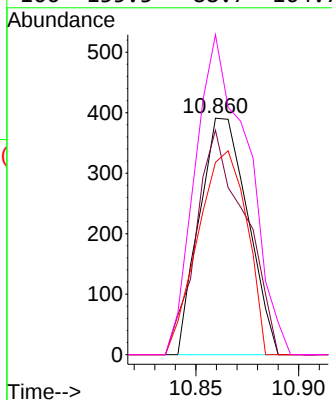


#46
Tetrachloroethene
Concen: 0.879 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW021084.D
Acq: 03 Dec 2021 23:16

Instrument :
MSVOA_W
ClientSampleId :

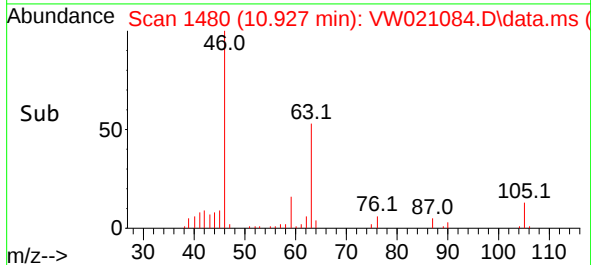
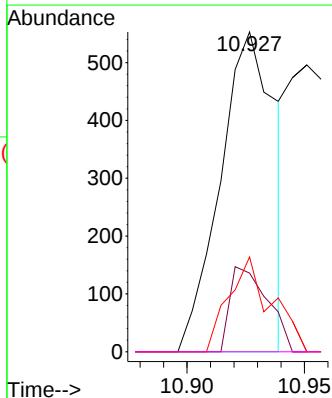
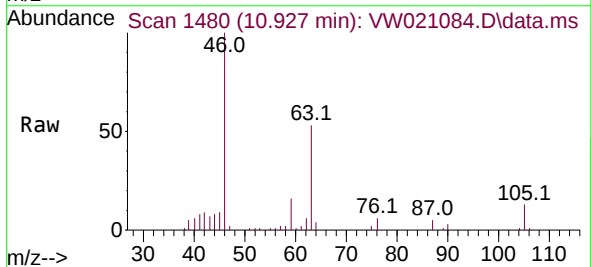


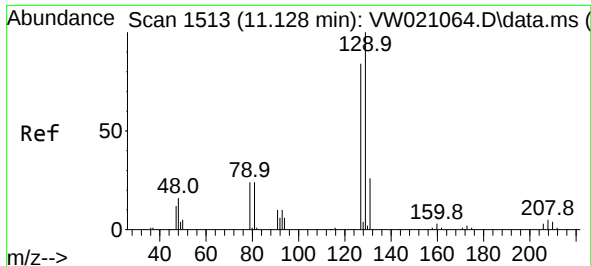
Tgt Ion:164 Resp: 638
Ion Ratio Lower Upper
164 100
129 94.9 65.5 121.7
131 81.3 59.7 110.9
166 135.3 88.7 164.7



#48
2-Hexanone
Concen: 2.816 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021084.D
Acq: 03 Dec 2021 23:16

Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 18.2 40.2 60.2#
57 17.1 14.3 21.5
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 0.870 ug/L

RT: 10.860 min Scan# 14

Delta R.T. -0.268 min

Lab File: VW021084.D

Acq: 03 Dec 2021 23:16

Instrument :

MSVOA_W

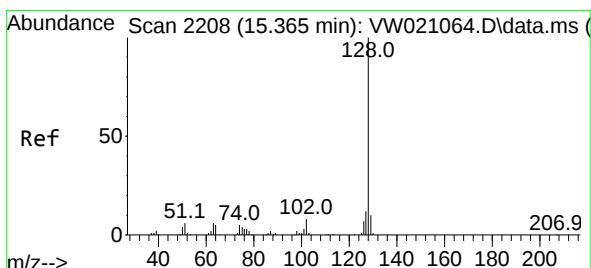
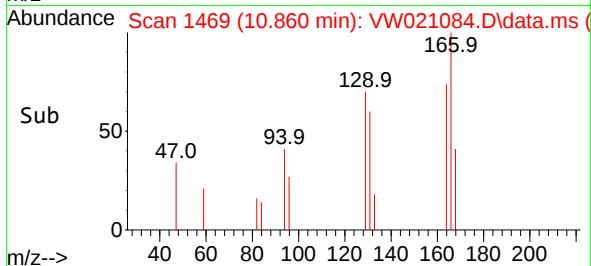
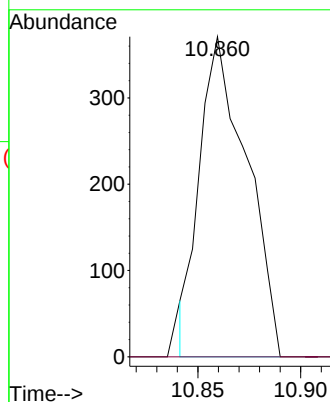
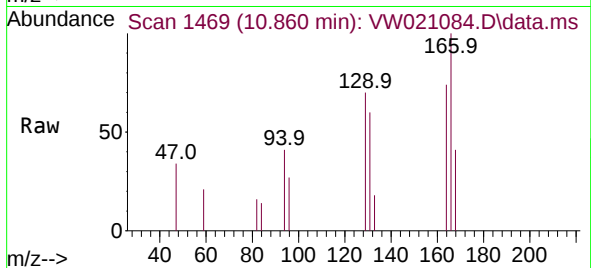
ClientSampleId :

Tgt Ion:129 Resp: 592

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#71

Naphthalene

Concen: 5.757 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW021084.D

Acq: 03 Dec 2021 23:16

Tgt Ion:128 Resp: 10255

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.6 8.6 12.8

