

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021126.D
 Acq On : 04 Dec 2021 18:28
 Operator : SY/VA
 Sample : M4885-12
 Misc : 5.36g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:50:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

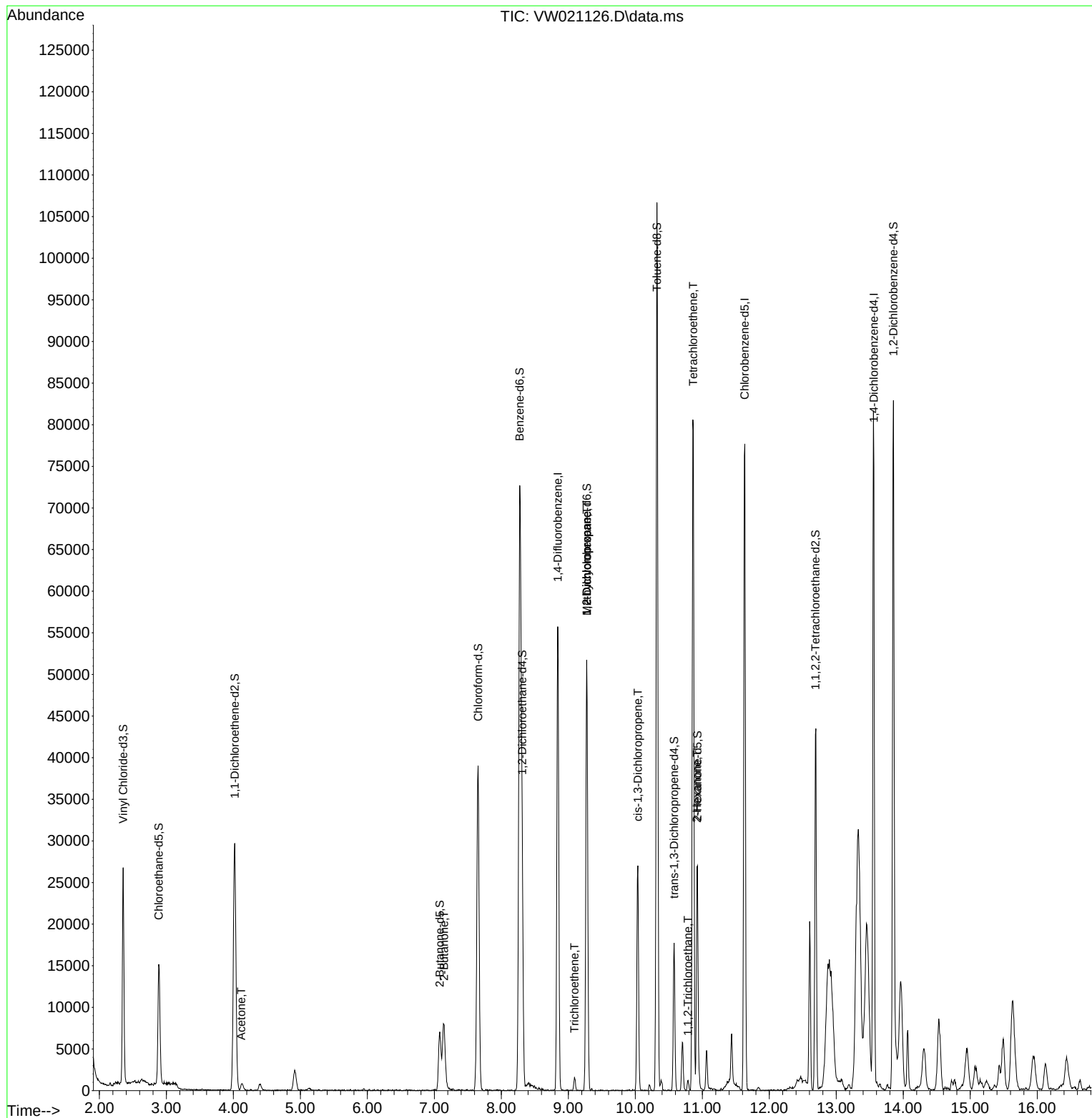
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	48295	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	45066	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	20914	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	24028	35.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 142.840%	
7) Chloroethane-d5	2.885	69	17037	37.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 151.280%#	
11) 1,1-Dichloroethene-d2	4.019	63	27587	25.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.640%	
21) 2-Butanone-d5	7.080	46	11615	75.678	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 151.360%#	
24) Chloroform-d	7.653	84	38131	31.527	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 126.120%	
26) 1,2-Dichloroethane-d4	8.311	65	23713	35.838	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 143.360%#	
32) Benzene-d6	8.275	84	73262	31.794	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 127.160%	
36) 1,2-Dichloropropane-d6	9.274	67	21427	33.461	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 133.840%#	
41) Toluene-d8	10.323	98	68136	28.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 115.360%	
43) trans-1,3-Dichloroprop...	10.579	79	8990	30.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 123.680%	
47) 2-Hexanone-d5	10.927	63	8848	72.219	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 144.440%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	19859	33.522	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 134.080%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	21324	28.457	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 113.840%	
Target Compounds						Qvalue
13) Acetone	4.117	43	1011	7.231	ug/L	78
22) 2-Butanone	7.147	43	721	3.727	ug/L	# 52
34) Trichloroethene	9.092	95	553	0.782	ug/L	86
35) Methylcyclohexane	9.274	83	5781	4.858	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	2751	4.749	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	868	0.926	ug/L	# 74
45) 1,1,2-Trichloroethane	10.786	97	438	0.902	ug/L	89
46) Tetrachloroethene	10.866	164	18378	28.387	ug/L	98
48) 2-Hexanone	10.920	43	1605	5.638	ug/L	# 65

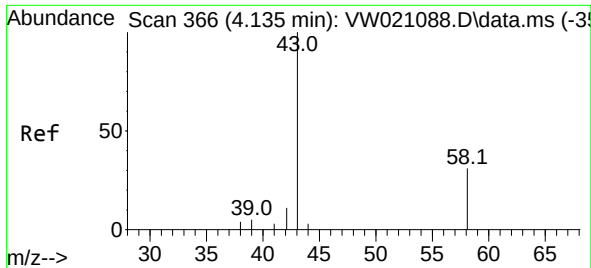
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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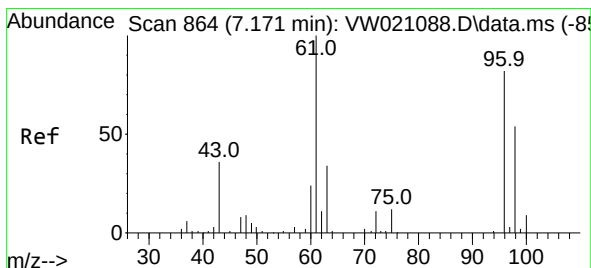
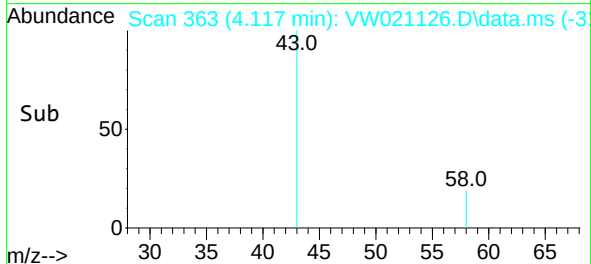
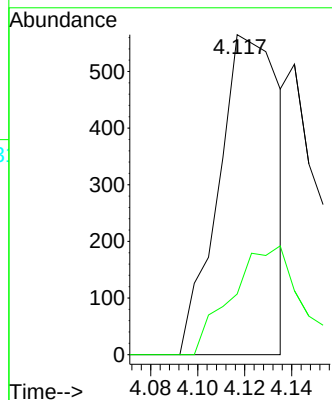
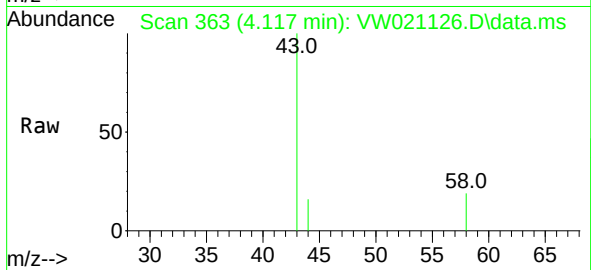




#13
Acetone
Concen: 7.231 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.018 min
Lab File: VW021126.D
Acq: 04 Dec 2021 18:28

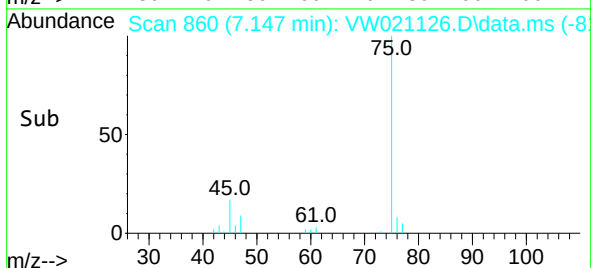
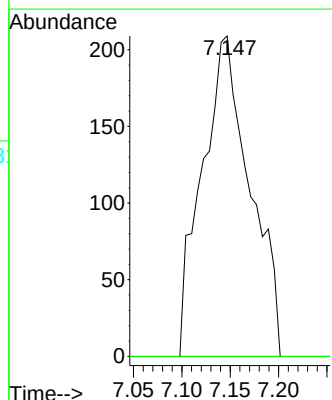
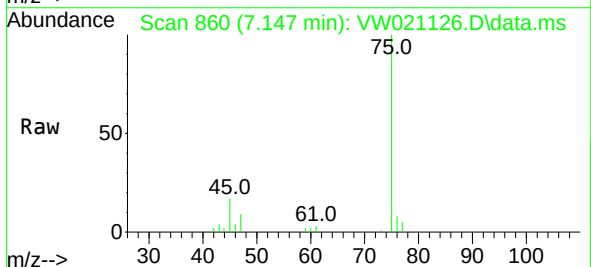
Instrument :
MSVOA_W
ClientSampleId :

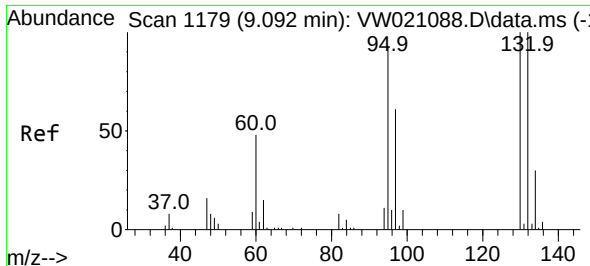
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 37.7 0.0 52.8



#22
2-Butanone
Concen: 3.727 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.024 min
Lab File: VW021126.D
Acq: 04 Dec 2021 18:28

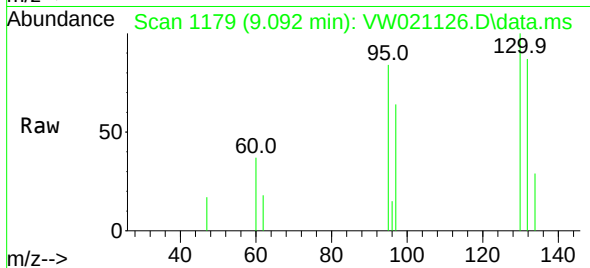
Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#





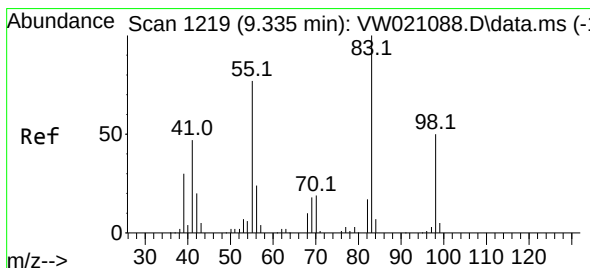
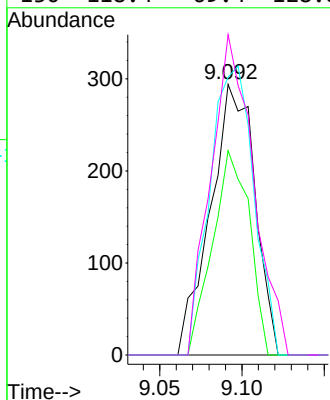
#34
Trichloroethene
Concen: 0.782 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021126.D
Acq: 04 Dec 2021 18:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 553

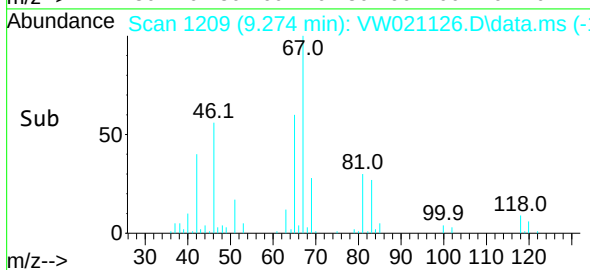
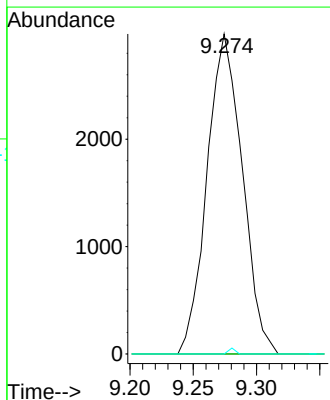
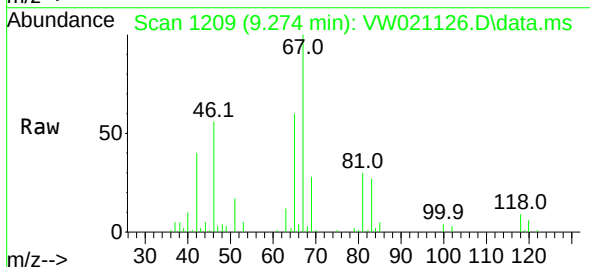
Ion	Ratio	Lower	Upper
95	100		
97	75.5	47.0	87.2
132	102.7	65.5	121.6
130	118.4	69.4	128.8

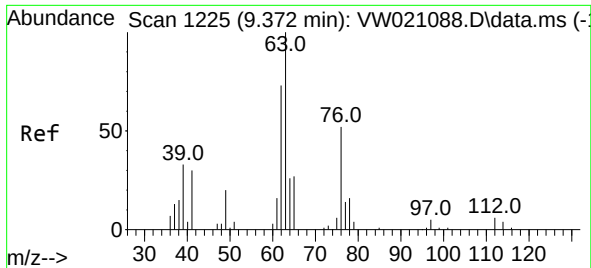


#35
Methylcyclohexane
Concen: 4.858 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021126.D
Acq: 04 Dec 2021 18:28

Tgt Ion: 83 Resp: 5781

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: 4.749 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021126.D

Acq: 04 Dec 2021 18:28

Instrument :

MSVOA_W

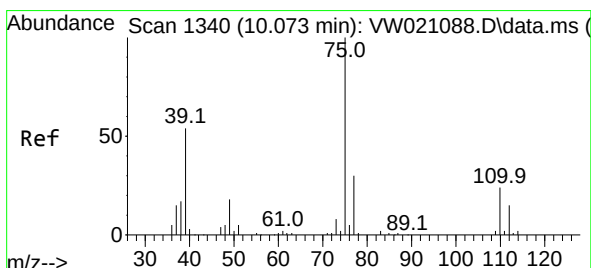
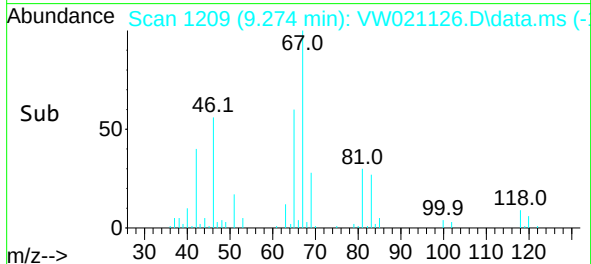
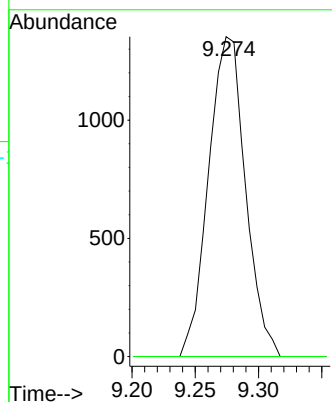
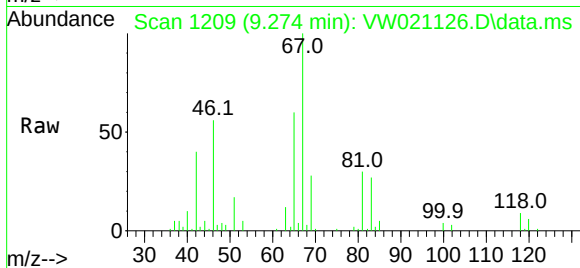
ClientSampleId :

Tgt Ion: 63 Resp: 2751

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.926 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021126.D

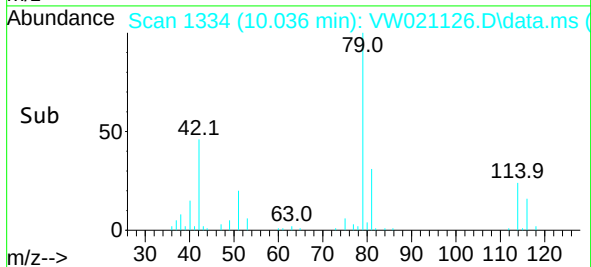
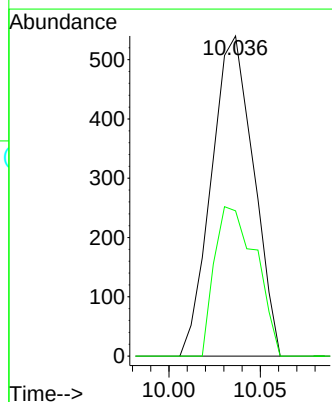
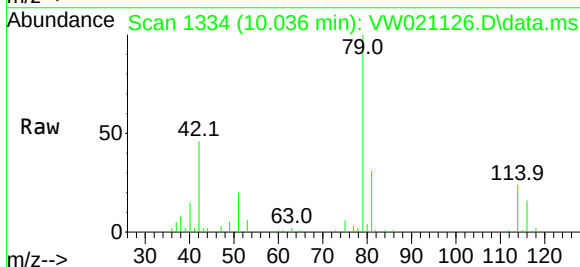
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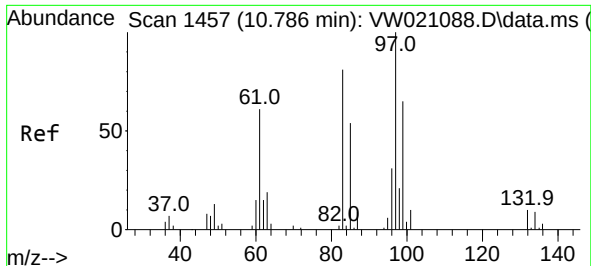
Tgt Ion: 75 Resp: 868

Ion Ratio Lower Upper

75 100

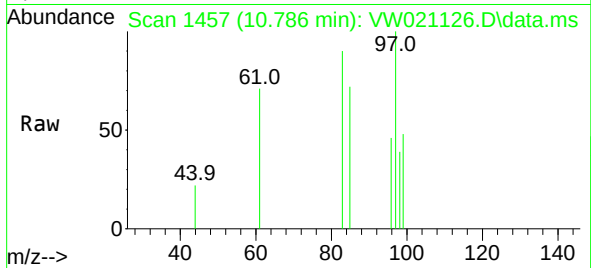
77 45.4 21.8 40.6#





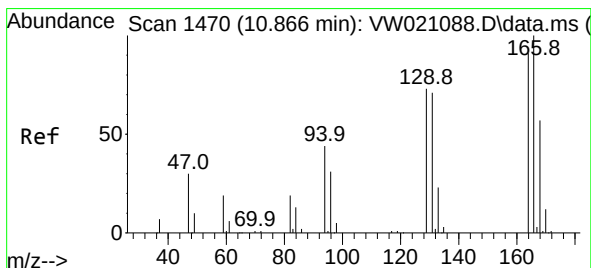
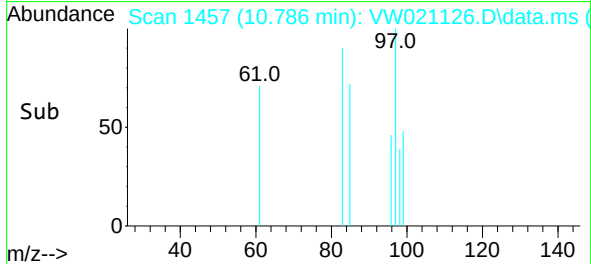
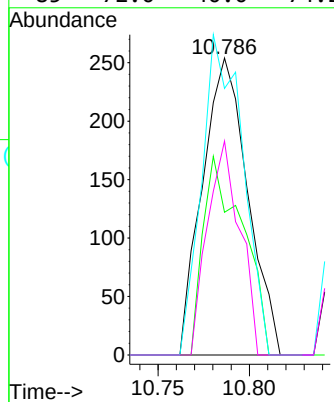
#45
1,1,2-Trichloroethane
Concen: 0.902 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021126.D
Acq: 04 Dec 2021 18:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 438

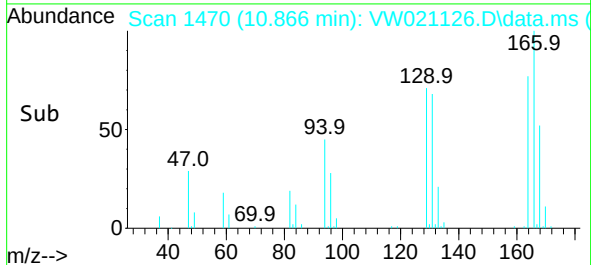
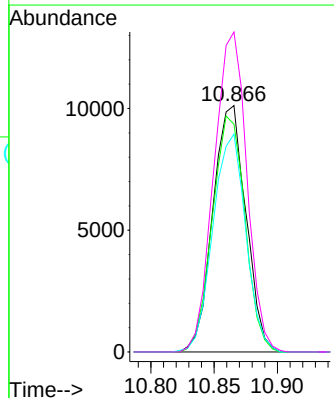
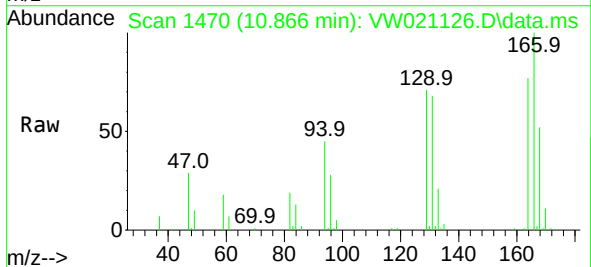
Ion	Ratio	Lower	Upper
97	100		
99	48.0	43.0	79.8
83	89.8	62.6	116.3
85	72.0	40.0	74.2

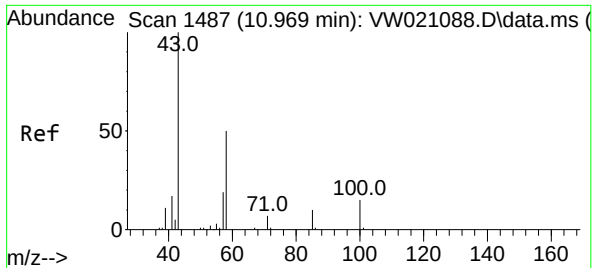


#46
Tetrachloroethene
Concen: 28.387 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021126.D
Acq: 04 Dec 2021 18:28

Tgt Ion: 164 Resp: 18378

Ion	Ratio	Lower	Upper
164	100		
129	92.4	65.5	121.7
131	88.4	59.7	110.9
166	129.8	88.7	164.7





#48

2-Hexanone

Concen: 5.638 ug/L

RT: 10.920 min Scan# 14

Delta R.T. -0.049 min

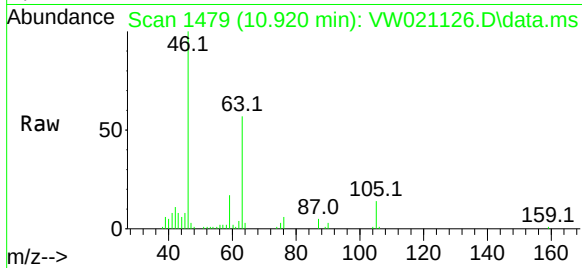
Lab File: VW021126.D

Acq: 04 Dec 2021 18:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 1605

Ion Ratio Lower Upper

43 100

58 17.1 40.2 60.2#

57 18.4 14.3 21.5

100 0.0 8.0 12.0#

