

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021202.D
 Acq On : 07 Dec 2021 14:17
 Operator : SY/VA
 Sample : M4888-21RE
 Misc : 6.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 02:49:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 02:47:46 2021
 Response via : Initial Calibration

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

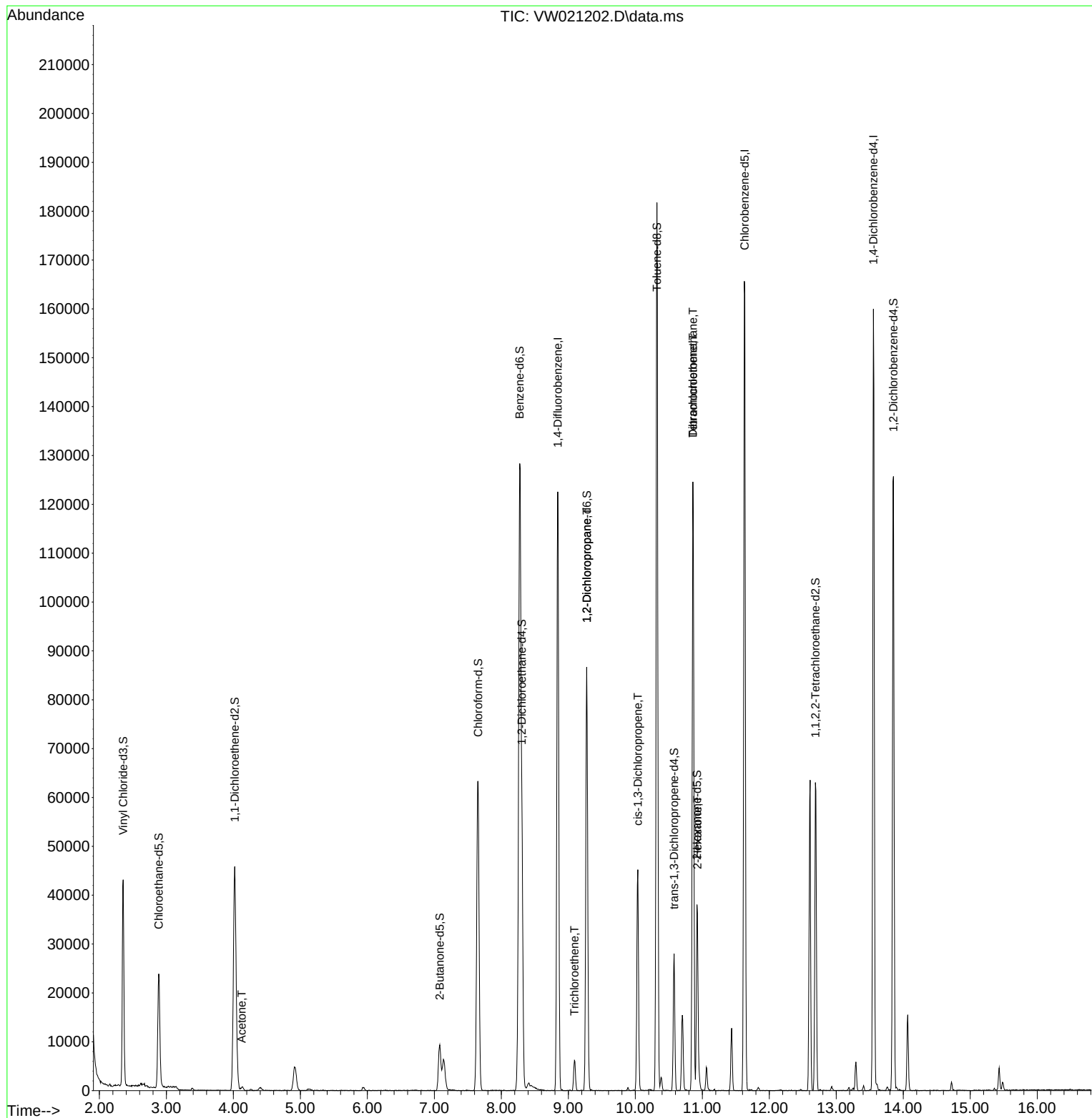
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	107227	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	95086	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	42449	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40862	27.352	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 109.400%		
7) Chloroethane-d5	2.885	69	28049	28.047	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 112.200%		
11) 1,1-Dichloroethene-d2	4.019	63	42402	17.766	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 71.080%		
21) 2-Butanone-d5	7.080	46	15694	46.055	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 92.120%		
24) Chloroform-d	7.653	84	64202	23.908	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 95.640%		
26) 1,2-Dichloroethane-d4	8.305	65	37350	25.424	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 101.680%		
32) Benzene-d6	8.275	84	126546	26.028	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 104.120%		
36) 1,2-Dichloropropane-d6	9.274	67	35960	26.615	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 106.480%		
41) Toluene-d8	10.323	98	118840	23.839	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 95.360%		
43) trans-1,3-Dichloroprop...	10.579	79	14096	22.977	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 91.920%		
47) 2-Hexanone-d5	10.921	63	12685	49.072	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 98.140%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28719	22.976	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 91.920%		
66) 1,2-Dichlorobenzene-d4	13.853	152	32392	21.297	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 85.200%		
Target Compounds						
						Qvalue
13) Acetone	4.123	43	1348	4.343	ug/L	94
34) Trichloroethene	9.092	95	2035	1.364	ug/L	94
37) 1,2-Dichloropropane	9.274	63	4603	3.766	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1325	0.670	ug/L #	78
46) Tetrachloroethene	10.860	164	28103	20.573	ug/L	97
48) 2-Hexanone	10.927	43	1930	3.213	ug/L #	66
49) Dibromochloromethane	10.860	129	23065	18.011	ug/L #	10

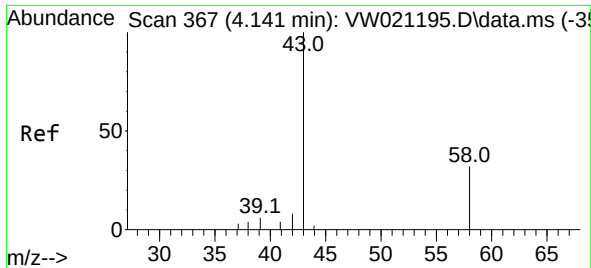
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Dec 08 02:47:46 2021
Response via : Initial Calibration





#13

Acetone

Concen: 4.343 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW021202.D

Acq: 07 Dec 2021 14:17

Instrument :

MSVOA_W

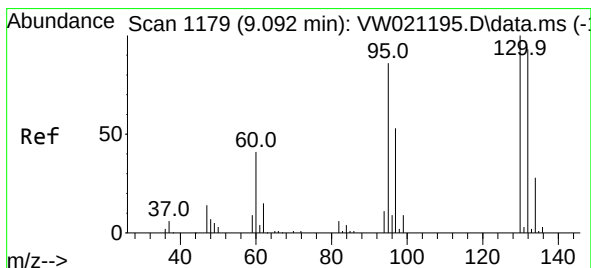
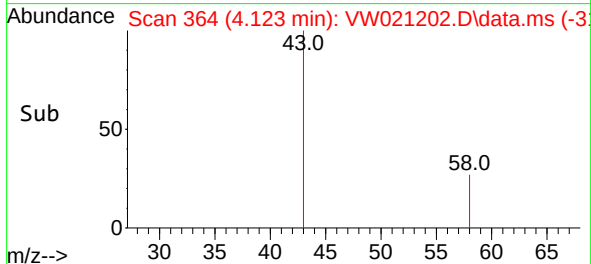
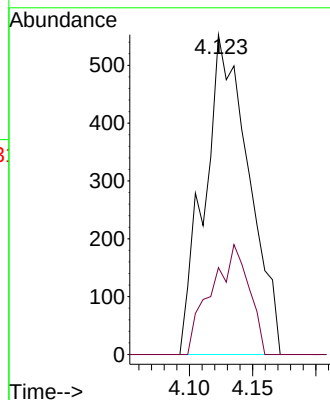
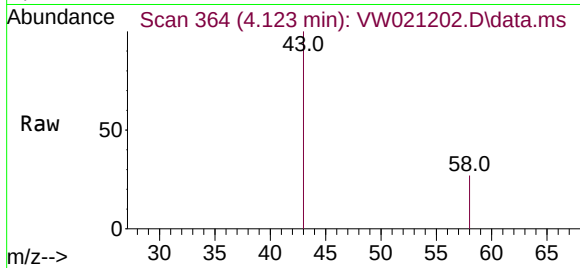
ClientSampleId :

Tgt Ion: 43 Resp: 1348

Ion Ratio Lower Upper

43 100

58 29.2 0.0 52.8



#34

Trichloroethene

Concen: 1.364 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021202.D

Acq: 07 Dec 2021 14:17

Tgt Ion: 95 Resp: 2035

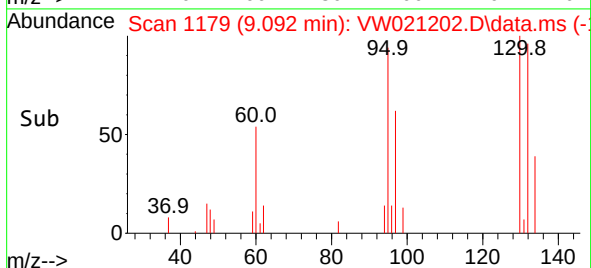
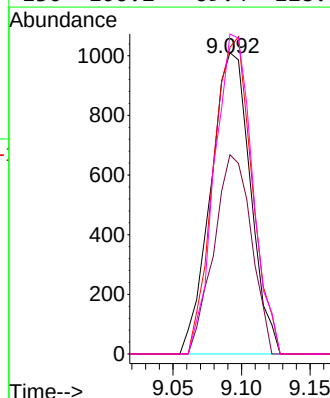
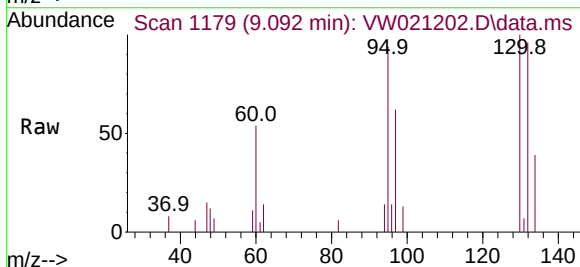
Ion Ratio Lower Upper

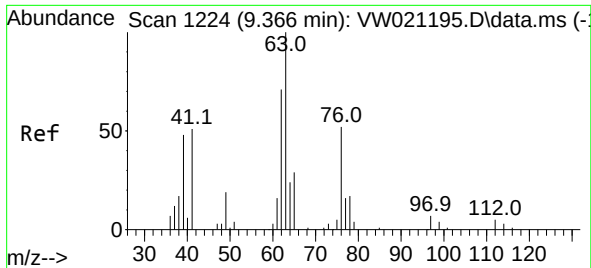
95 100

97 66.1 47.0 87.2

132 101.8 65.5 121.6

130 106.2 69.4 128.8





#37

1,2-Dichloropropane

Concen: 3.766 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021202.D

Acq: 07 Dec 2021 14:17

Instrument :

MSVOA_W

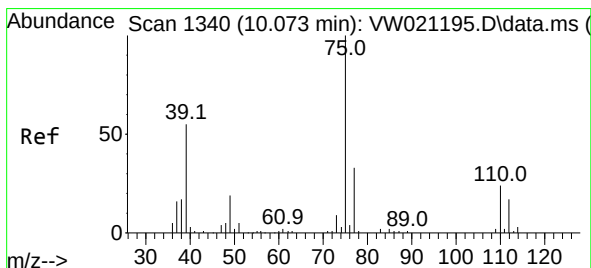
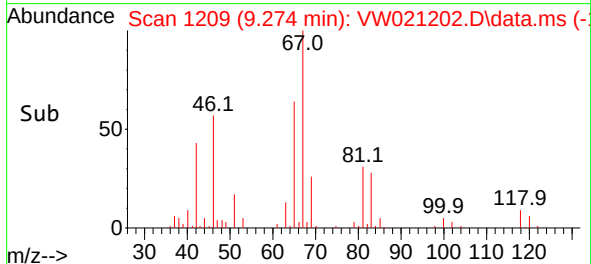
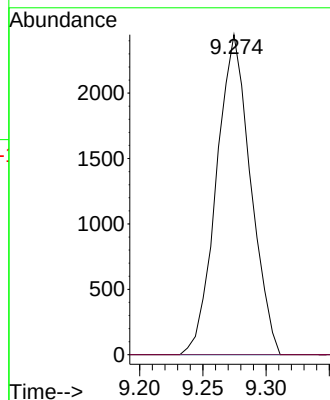
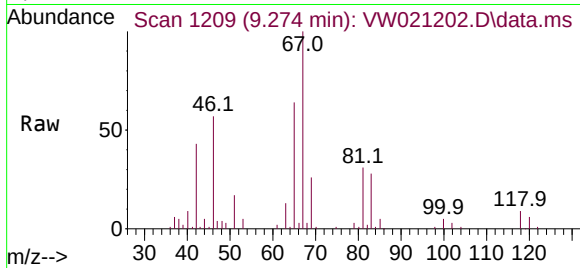
ClientSampleId :

Tgt Ion: 63 Resp: 4603

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.670 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021202.D

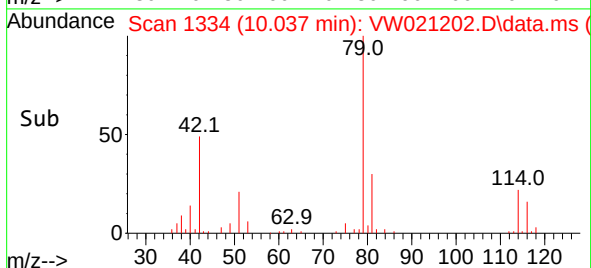
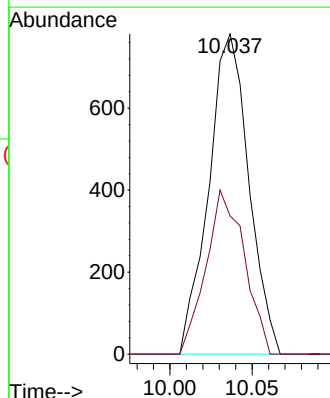
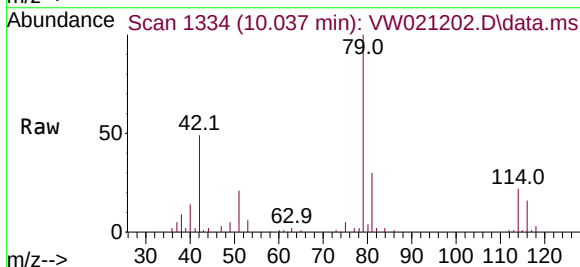
Acq: 07 Dec 2021 14:17

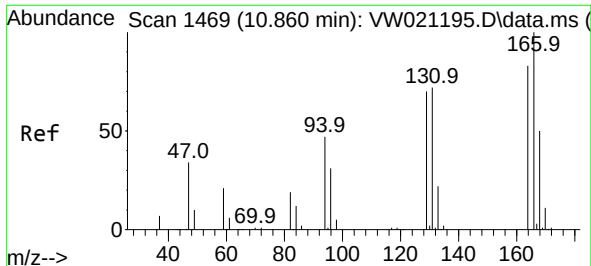
Tgt Ion: 75 Resp: 1325

Ion Ratio Lower Upper

75 100

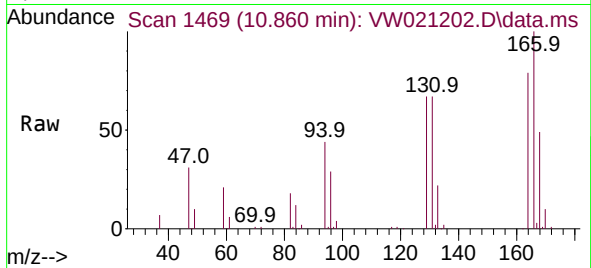
77 43.1 21.8 40.6#



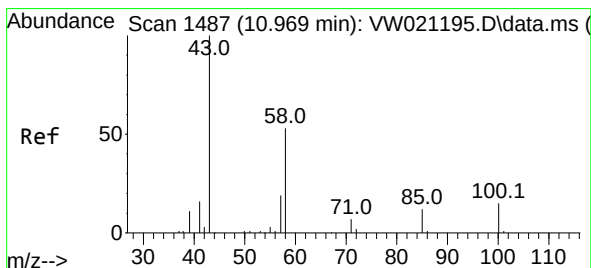
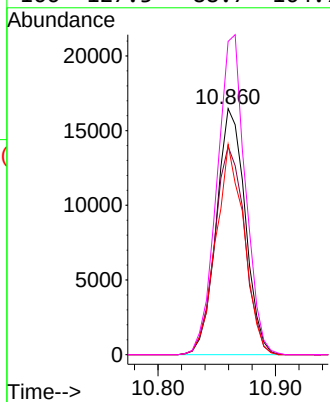
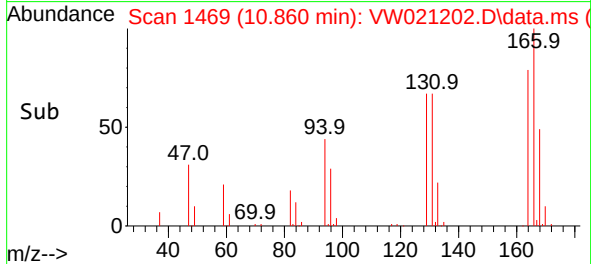


#46
Tetrachloroethene
Concen: 20.573 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021202.D
Acq: 07 Dec 2021 14:17

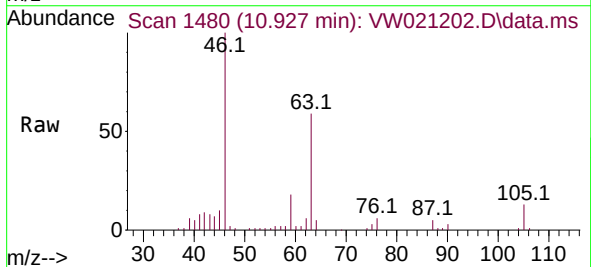
Instrument :
MSVOA_W
ClientSampleId :



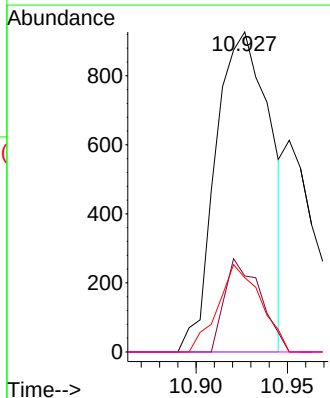
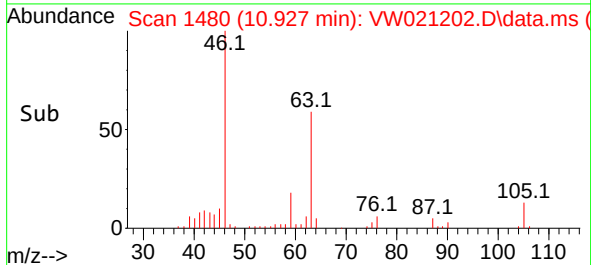
Tgt Ion:164 Resp: 28103
Ion Ratio Lower Upper
164 100
129 84.7 65.5 121.7
131 85.5 59.7 110.9
166 127.3 88.7 164.7

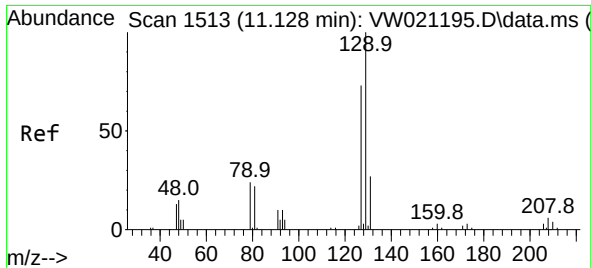


#48
2-Hexanone
Concen: 3.213 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021202.D
Acq: 07 Dec 2021 14:17



Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
58 19.2 40.2 60.2#
57 21.4 14.3 21.5
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 18.011 ug/L

RT: 10.860 min Scan# 14

Delta R.T. -0.268 min

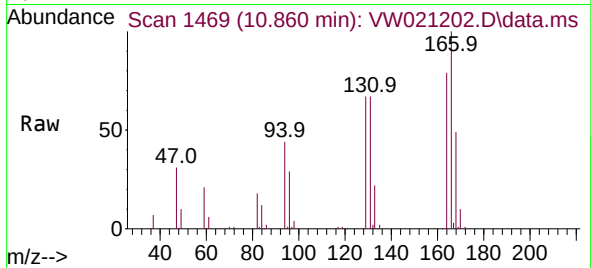
Lab File: VW021202.D

Acq: 07 Dec 2021 14:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:129 Resp: 23065

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#

