

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021319.D
 Acq On : 11 Dec 2021 12:03
 Operator : SY/VA
 Sample : M5004-04
 Misc : 6.79g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 08:07:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

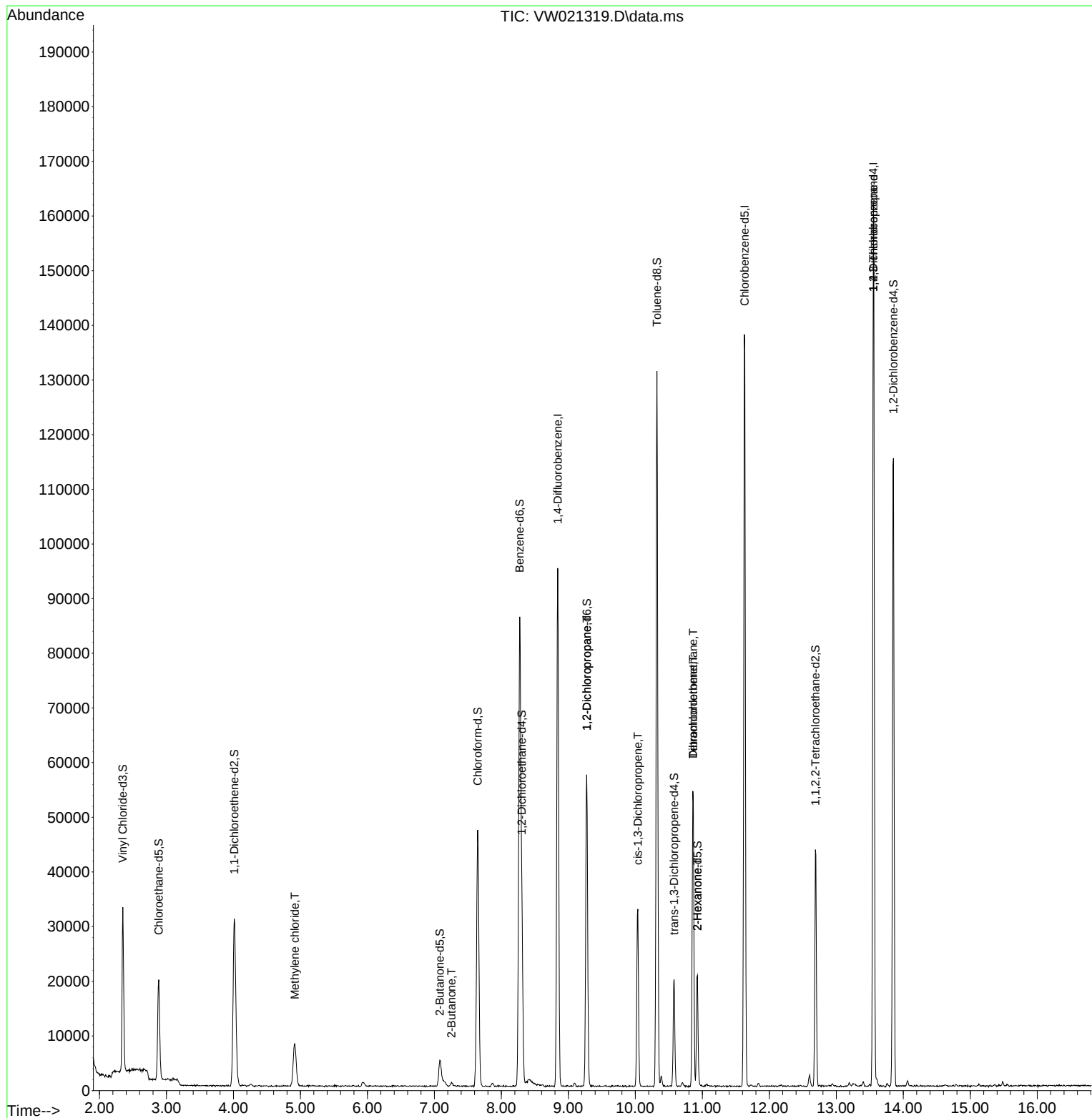
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	79915	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	79545	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	43858	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	29125	20.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.040%
7) Chloroethane-d5	2.885	69	21606	22.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.840%
11) 1,1-Dichloroethene-d2	4.013	63	28875	14.881	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.520%
21) 2-Butanone-d5	7.080	46	8978	43.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.520%
24) Chloroform-d	7.647	84	46255	20.770	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.080%
26) 1,2-Dichloroethane-d4	8.305	65	23398	19.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.000%
32) Benzene-d6	8.275	84	86087	19.744	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.960%
36) 1,2-Dichloropropane-d6	9.274	67	24487	20.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.760%
41) Toluene-d8	10.323	98	84239	18.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.640%
43) trans-1,3-Dichloroprop...	10.579	79	10735	19.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.760%
47) 2-Hexanone-d5	10.927	63	6980	40.367	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.740%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	19929	19.826	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	31774	18.693	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.760%#
Target Compounds						Qvalue
16) Methylene chloride	4.915	84	6390	4.839	ug/L	87
22) 2-Butanone	7.256	43	1209	5.034	ug/L #	52
37) 1,2-Dichloropropane	9.274	63	3020	3.125	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1038	0.681	ug/L #	59
46) Tetrachloroethene	10.866	164	12579	10.886	ug/L	93
48) 2-Hexanone	10.927	43	921	2.411	ug/L #	62
49) Dibromochloromethane	10.866	129	10166	10.424	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	5049	7.910	ug/L #	65

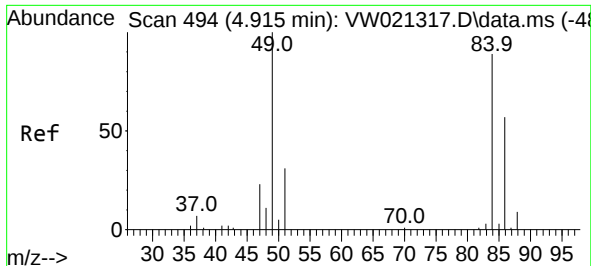
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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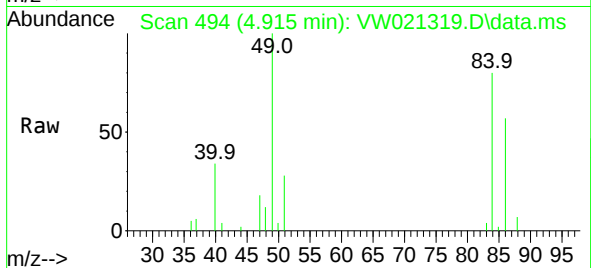
Quant Time: Dec 12 08:07:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration





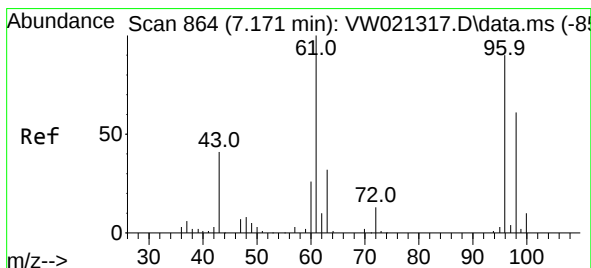
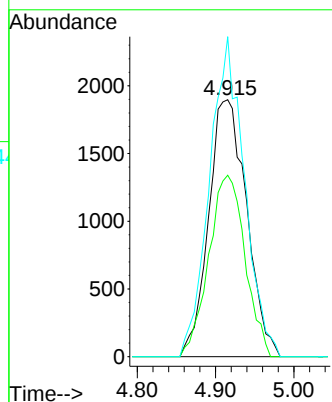
#16
Methylene chloride
Concen: 4.839 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021319.D
Acq: 11 Dec 2021 12:03

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 6390

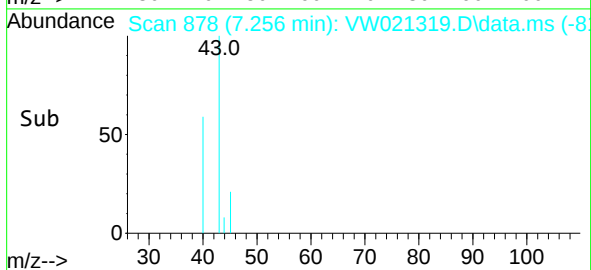
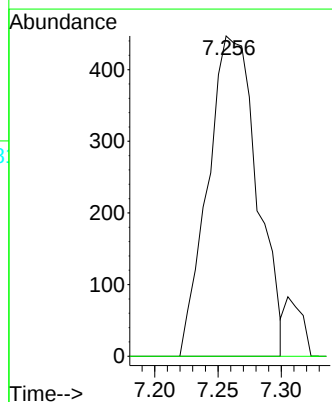
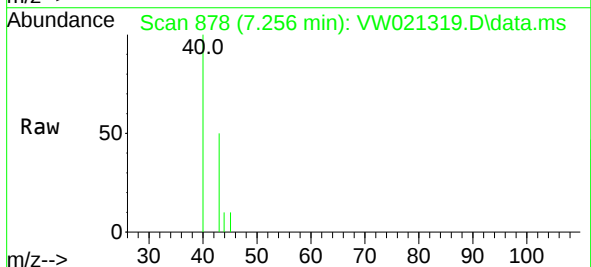
Ion	Ratio	Lower	Upper
84	100		
86	70.6	45.5	84.5
49	124.6	100.5	186.7

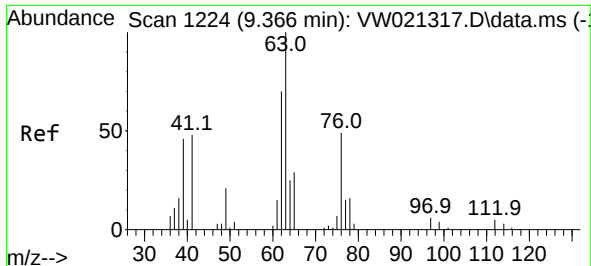


#22
2-Butanone
Concen: 5.034 ug/L
RT: 7.256 min Scan# 878
Delta R.T. 0.085 min
Lab File: VW021319.D
Acq: 11 Dec 2021 12:03

Tgt Ion: 43 Resp: 1209

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.8	35.4





#37

1,2-Dichloropropane

Concen: 3.125 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021319.D

Acq: 11 Dec 2021 12:03

Instrument :

MSVOA_W

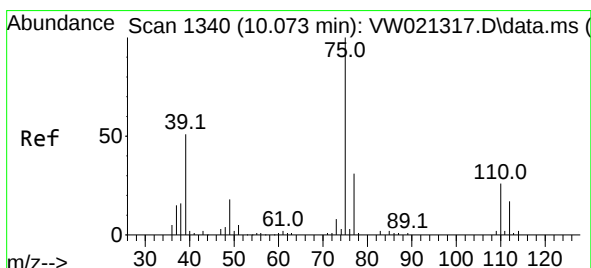
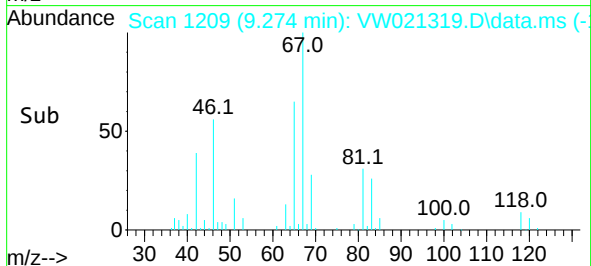
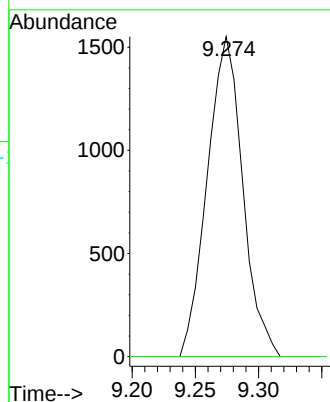
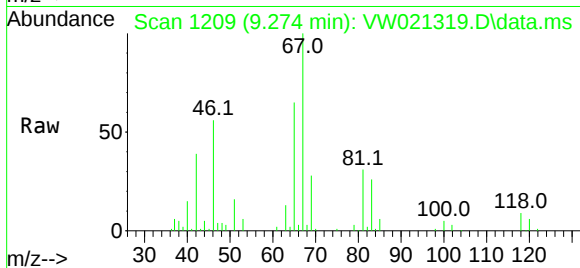
ClientSampleId :

Tgt Ion: 63 Resp: 3020

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.681 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021319.D

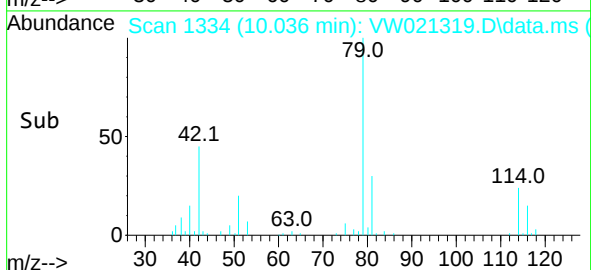
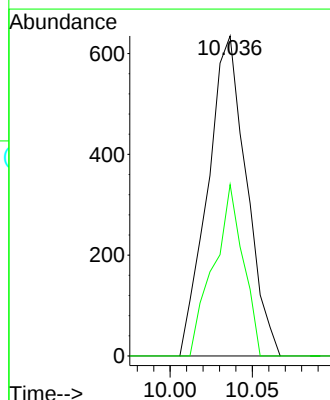
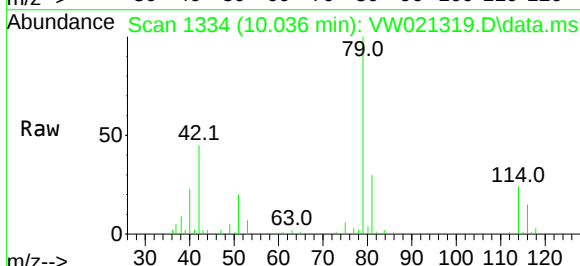
Acq: 11 Dec 2021 12:03

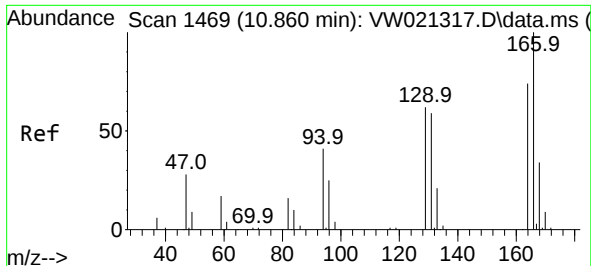
Tgt Ion: 75 Resp: 1038

Ion Ratio Lower Upper

75 100

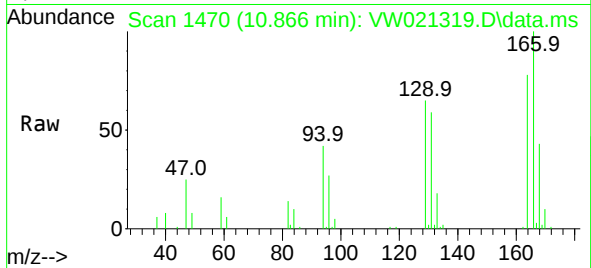
77 53.5 21.8 40.6#



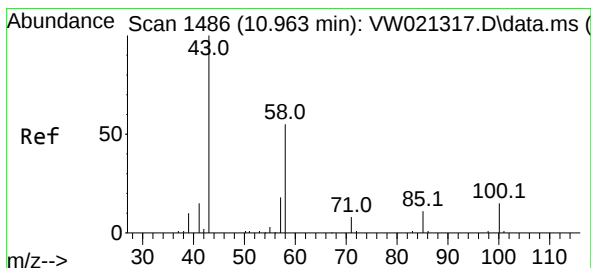
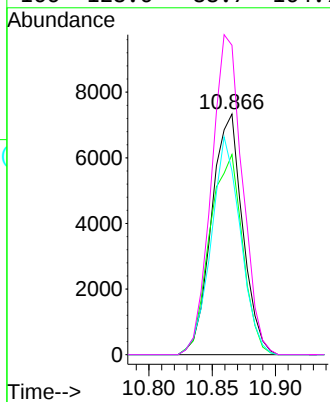
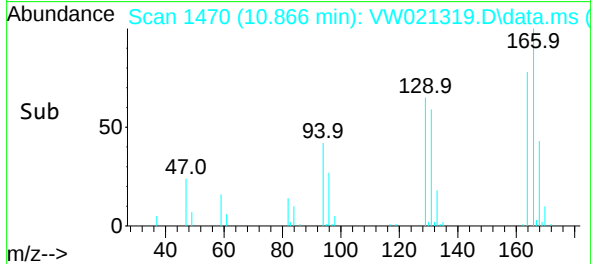


#46
Tetrachloroethene
Concen: 10.886 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021319.D
Acq: 11 Dec 2021 12:03

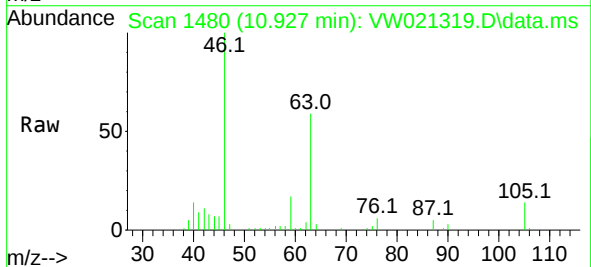
Instrument :
MSVOA_W
ClientSampleId :



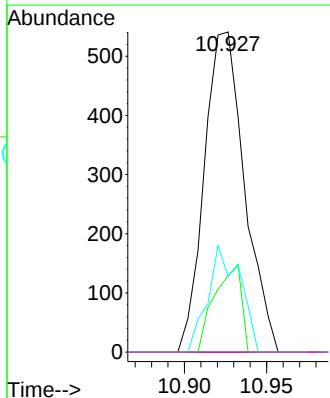
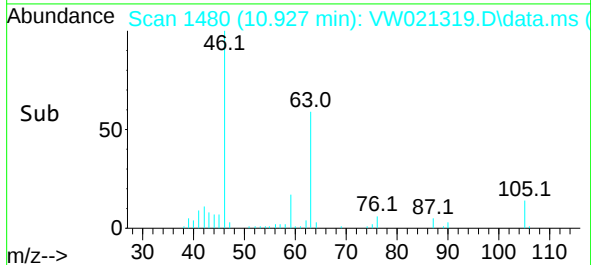
Tgt Ion:164 Resp: 12579
Ion Ratio Lower Upper
164 100
129 83.2 65.5 121.7
131 76.4 59.7 110.9
166 128.6 88.7 164.7

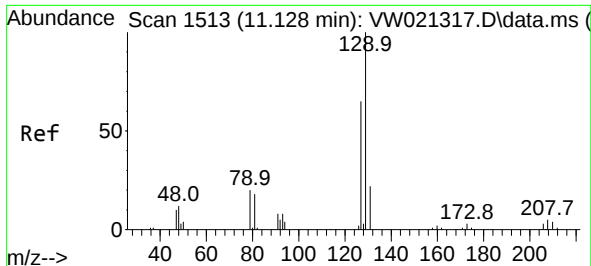


#48
2-Hexanone
Concen: 2.411 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021319.D
Acq: 11 Dec 2021 12:03



Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 18.2 40.2 60.2#
57 26.6 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 10.424 ug/L

RT: 10.866 min Scan# 14

Delta R.T. -0.262 min

Lab File: VW021319.D

Acq: 11 Dec 2021 12:03

Instrument :

MSVOA_W

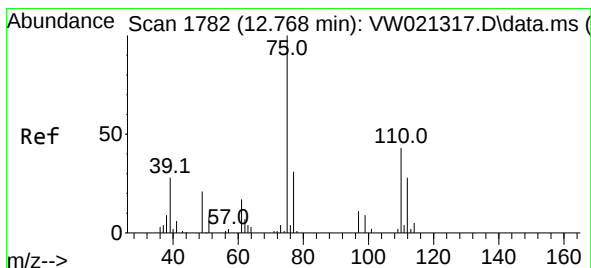
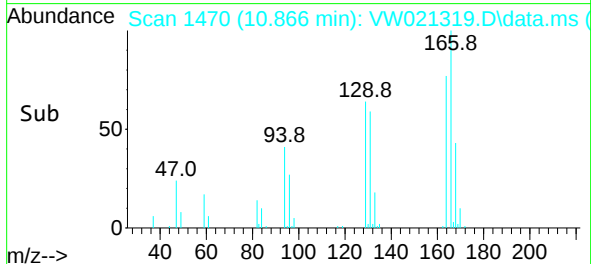
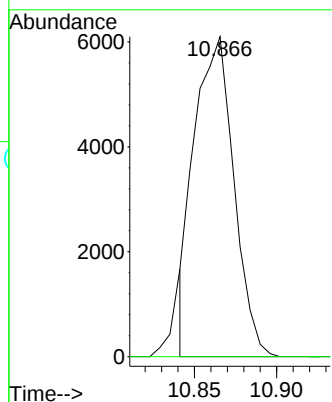
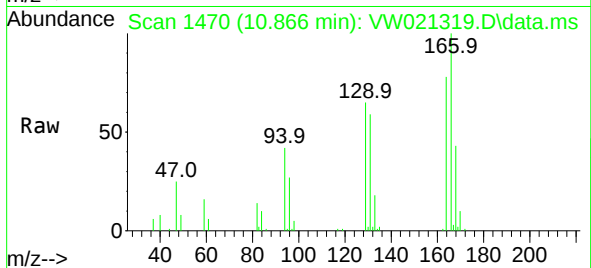
ClientSampleId :

Tgt Ion:129 Resp: 10166

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.910 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021319.D

Acq: 11 Dec 2021 12:03

Tgt Ion: 75 Resp: 5049

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8

110 2.6 29.0 43.4#

