

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021389.D
 Acq On : 15 Dec 2021 15:05
 Operator : SY/VA
 Sample : M5101-04
 Misc : 6.84g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 00:59:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

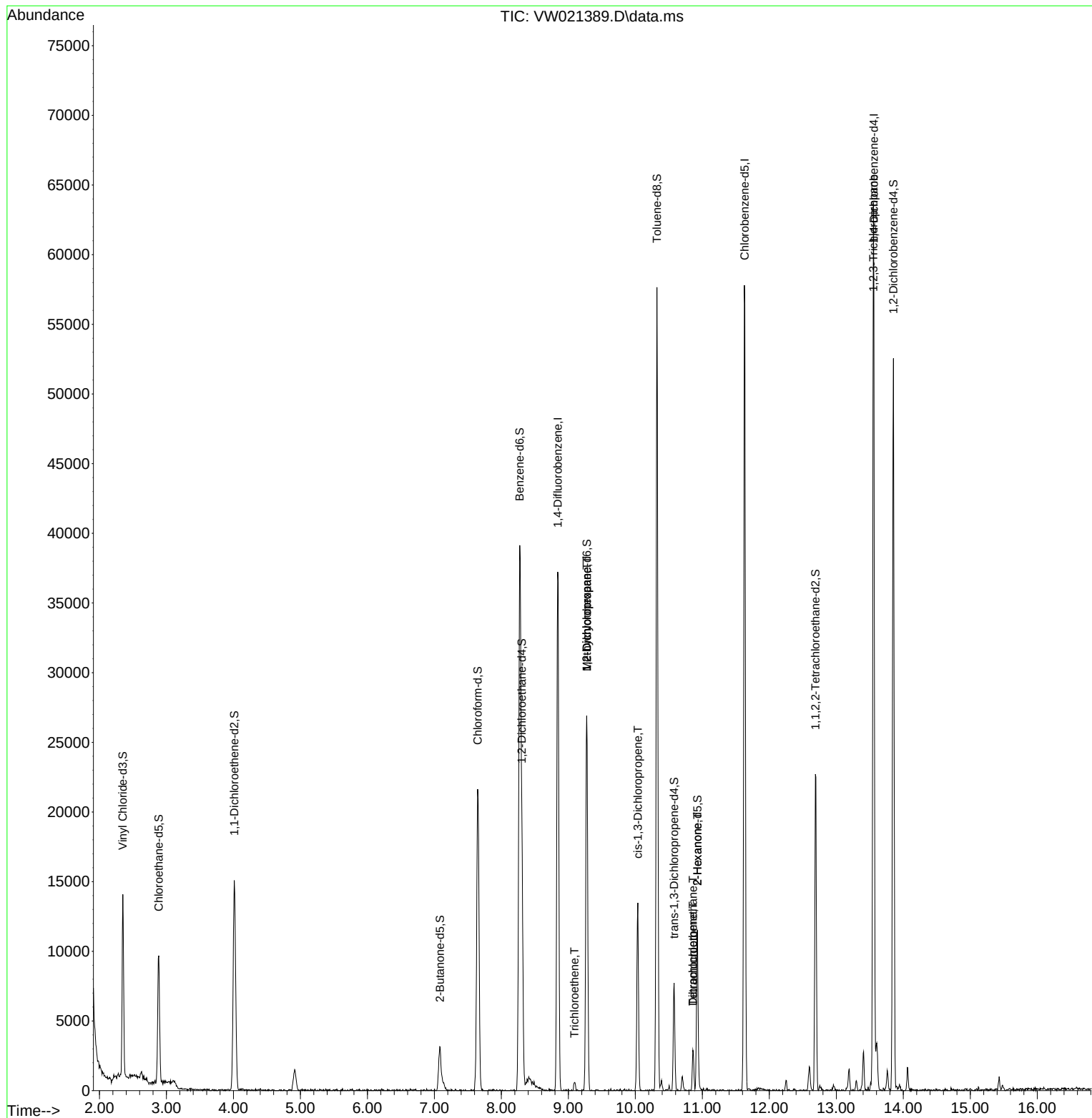
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	33317	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	32739	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	17233	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	12088	19.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.680%
7) Chloroethane-d5	2.885	69	9959	24.827	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.320%
11) 1,1-Dichloroethene-d2	4.013	63	13693	16.927	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.720%
21) 2-Butanone-d5	7.085	46	5317	62.163	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.320%
24) Chloroform-d	7.646	84	22000	23.695	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.760%
26) 1,2-Dichloroethane-d4	8.305	65	12506	25.322	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.280%
32) Benzene-d6	8.274	84	40148	22.372	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.480%
36) 1,2-Dichloropropane-d6	9.274	67	11505	23.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	10.323	98	37136	20.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	10.579	79	4166	18.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.200%
47) 2-Hexanone-d5	10.926	63	3975	55.854	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	10564	25.534	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	14366	21.510	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.040%
Target Compounds						Qvalue
34) Trichloroethene	9.091	95	240	0.479	ug/L #	73
35) Methylcyclohexane	9.274	83	3085	3.736	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	1507	3.788	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	385	0.614	ug/L #	52
46) Tetrachloroethene	10.859	164	706	1.484	ug/L	90
48) 2-Hexanone	10.926	43	512	3.257	ug/L #	63
49) Dibromochloromethane	10.859	129	583	1.452	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	1940	7.735	ug/L #	66

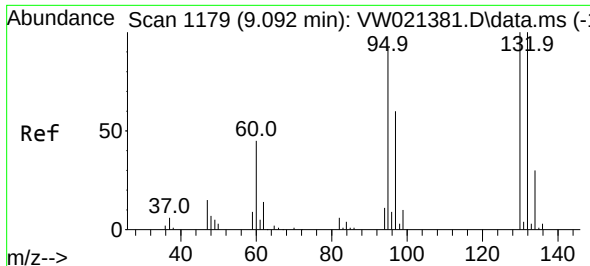
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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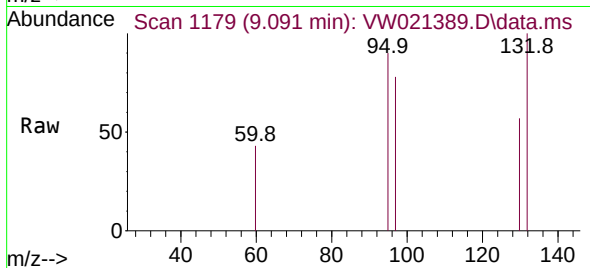
Quant Time: Dec 16 00:59:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
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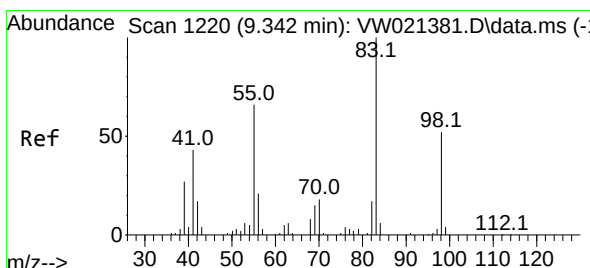
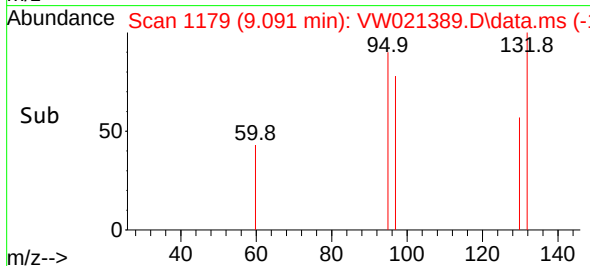
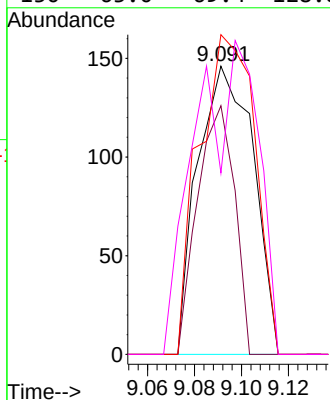
#34
Trichloroethene
Concen: 0.479 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021389.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 240

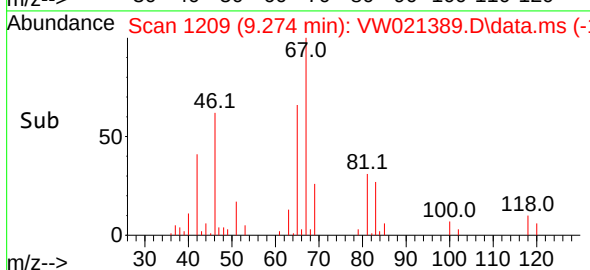
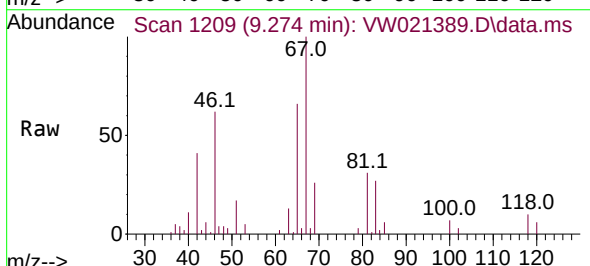
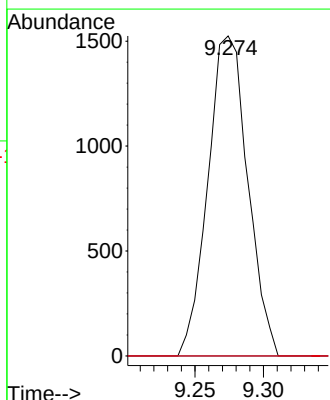
Ion	Ratio	Lower	Upper
95	100		
97	86.3	47.0	87.2
132	111.0	65.5	121.6
130	63.0	69.4	128.8

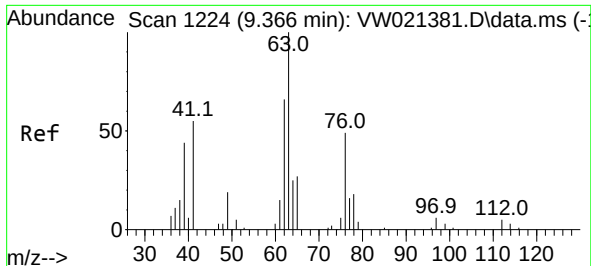


#35
Methylcyclohexane
Concen: 3.736 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW021389.D
Acq: 15 Dec 2021 15:05

Tgt Ion: 83 Resp: 3085

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: 3.788 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021389.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_W

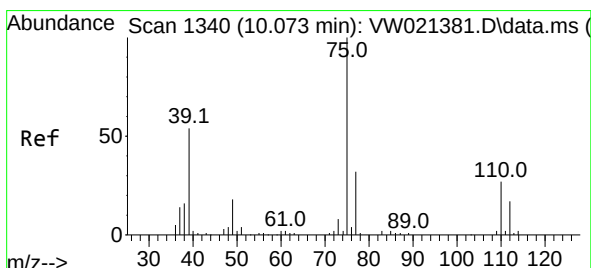
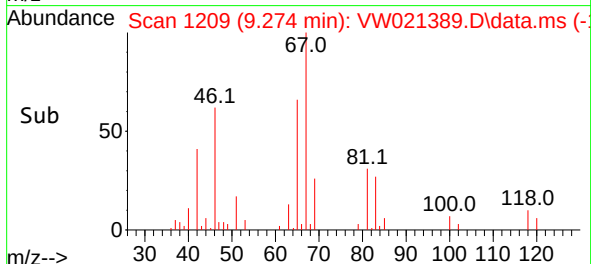
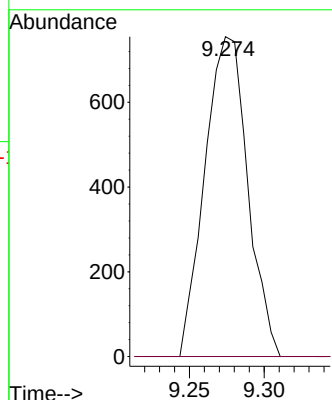
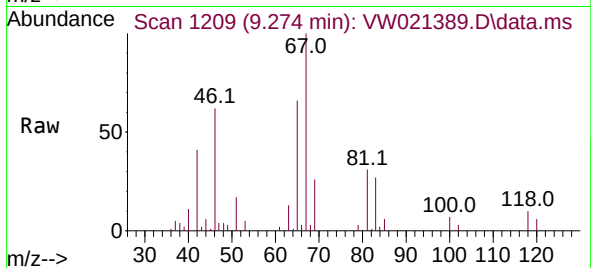
ClientSampleId :

Tgt Ion: 63 Resp: 1507

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.614 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021389.D

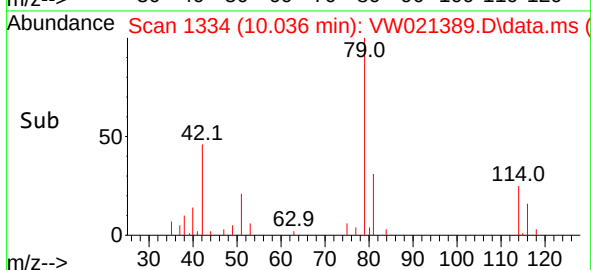
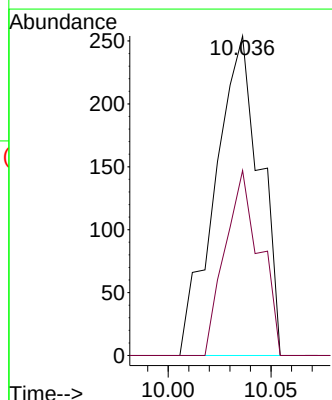
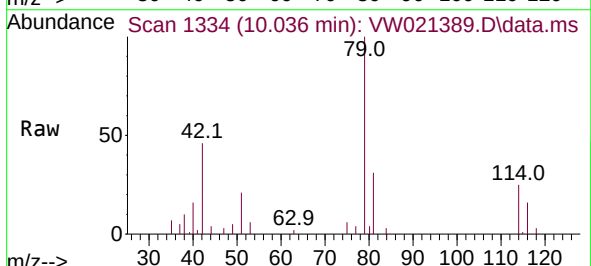
Acq: 15 Dec 2021 15:05

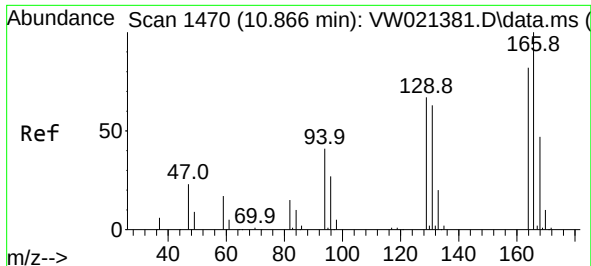
Tgt Ion: 75 Resp: 385

Ion Ratio Lower Upper

75 100

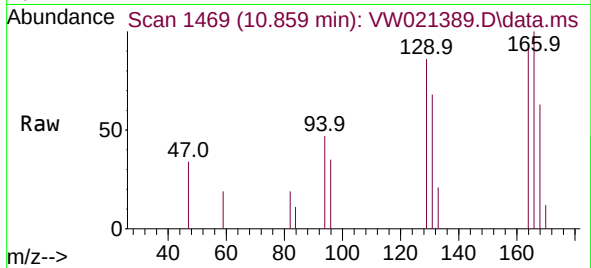
77 57.9 21.8 40.6#



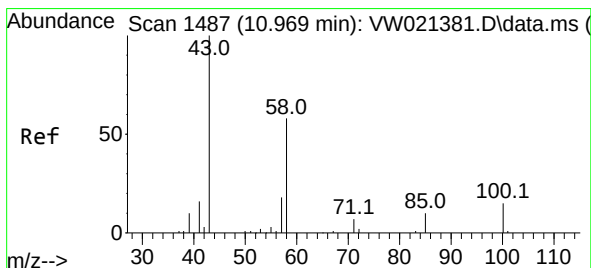
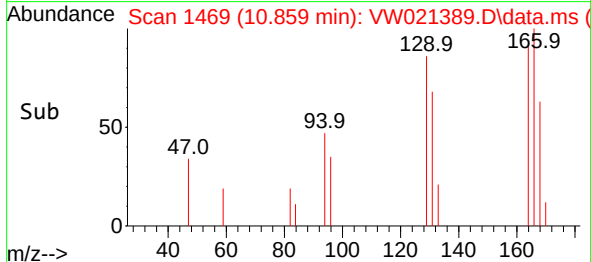
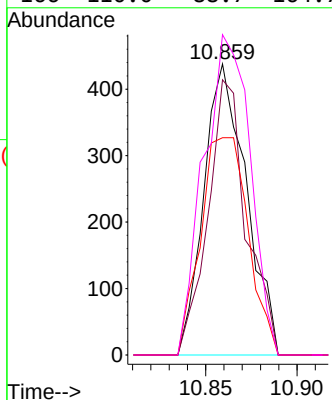


#46
Tetrachloroethene
Concen: 1.484 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021389.D
Acq: 15 Dec 2021 15:05

Instrument :
MSVOA_W
ClientSampleId :

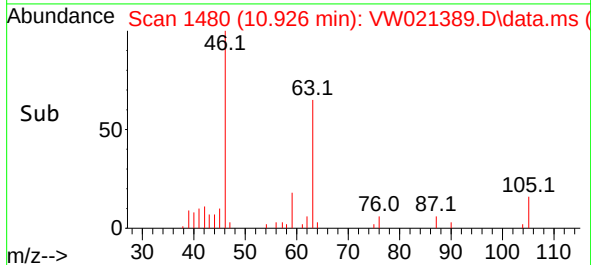
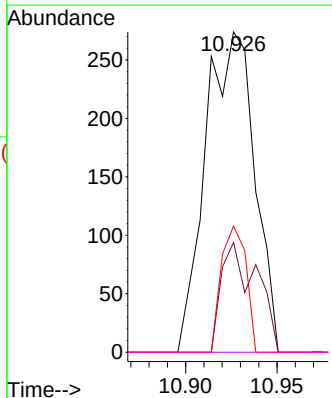
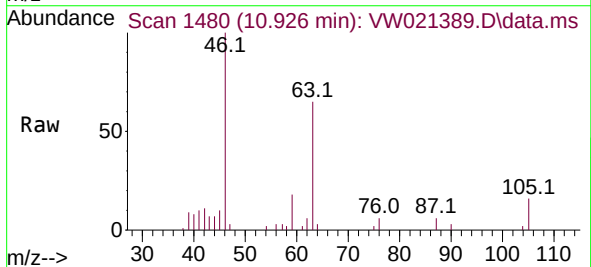


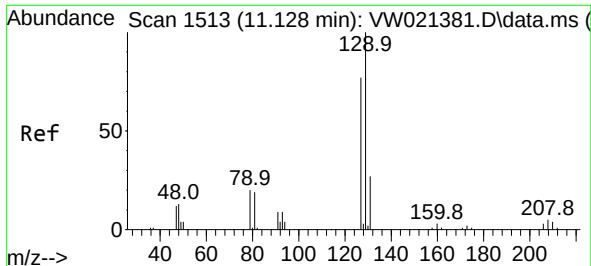
Tgt Ion:164 Resp: 706
Ion Ratio Lower Upper
164 100
129 94.5 65.5 121.7
131 74.7 59.7 110.9
166 110.0 88.7 164.7



#48
2-Hexanone
Concen: 3.257 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021389.D
Acq: 15 Dec 2021 15:05

Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
58 15.6 40.2 60.2#
57 19.9 14.3 21.5
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 1.452 ug/L

RT: 10.859 min Scan# 14

Delta R.T. -0.269 min

Lab File: VW021389.D

Acq: 15 Dec 2021 15:05

Instrument :

MSVOA_W

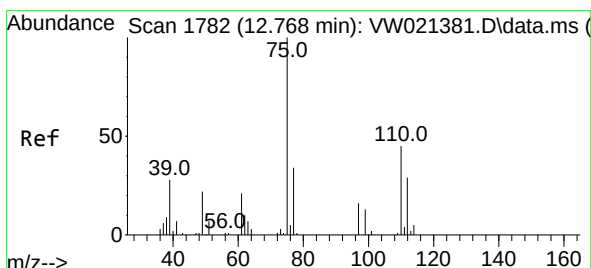
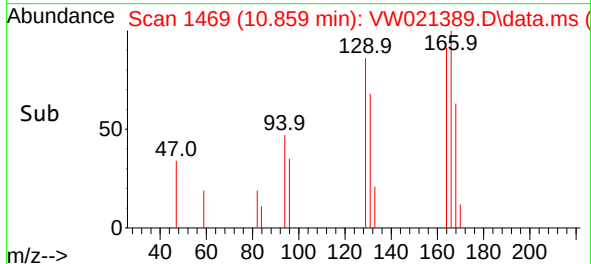
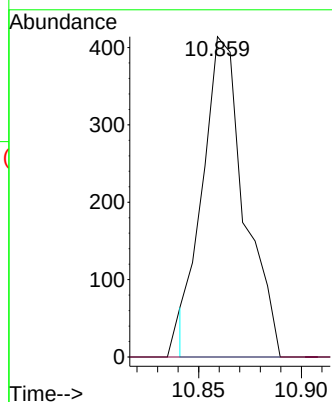
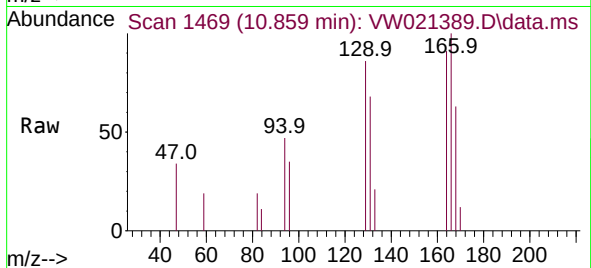
ClientSampleId :

Tgt Ion:129 Resp: 583

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.735 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021389.D

Acq: 15 Dec 2021 15:05

Tgt Ion: 75 Resp: 1940

Ion Ratio Lower Upper

75 100

77 34.4 25.8 38.8

110 0.0 29.0 43.4#

