

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021414.D
 Acq On : 16 Dec 2021 14:54
 Operator : SY/VA
 Sample : M5101-20RE
 Misc : 6.20g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 01:00:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

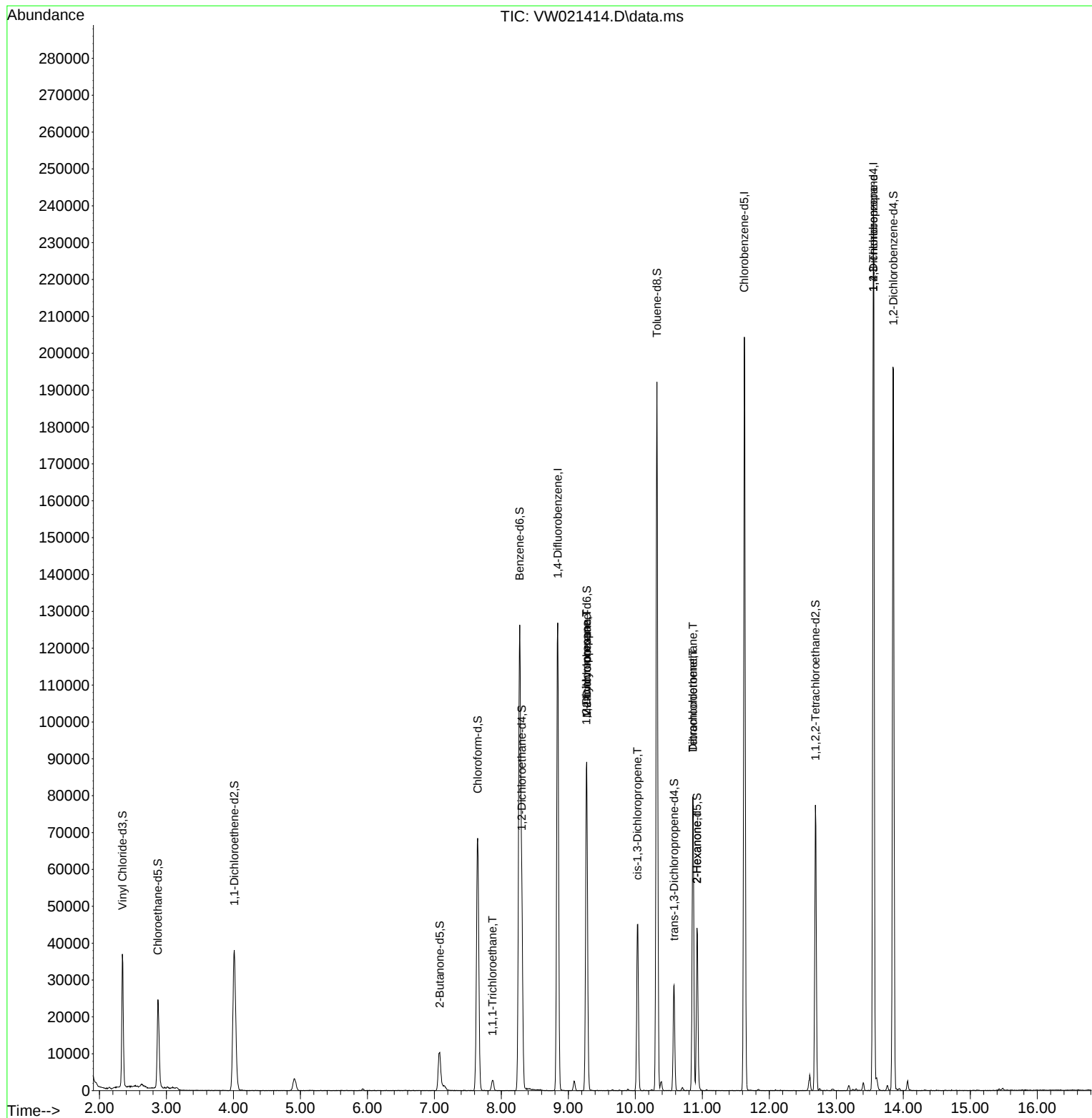
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	110148	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	112226	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	64110	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	34642	17.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.080%
7) Chloroethane-d5	2.873	69	27333	20.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.440%
11) 1,1-Dichloroethene-d2	4.013	63	35249	13.180	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.720%
21) 2-Butanone-d5	7.079	46	18042	63.803	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.600%
24) Chloroform-d	7.646	84	69106	22.513	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	8.305	65	38958	23.860	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.440%
32) Benzene-d6	8.274	84	128632	20.911	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.640%
36) 1,2-Dichloropropane-d6	9.274	67	37580	22.779	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.120%
41) Toluene-d8	10.323	98	124104	19.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	10.579	79	15214	20.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.120%
47) 2-Hexanone-d5	10.920	63	14949	61.278	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	34810	24.545	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	52958	21.314	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.240%
Target Compounds						Qvalue
30) 1,1,1-Trichloroethane	7.866	97	2385	0.947	ug/L	95
35) Methylcyclohexane	9.274	83	10096	3.566	ug/L	# 14
37) 1,2-Dichloropropane	9.268	63	4836	3.546	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	1390	0.647	ug/L	# 75
46) Tetrachloroethene	10.859	164	17768	10.899	ug/L	98
48) 2-Hexanone	10.920	43	1882	3.493	ug/L	# 60
49) Dibromochloromethane	10.859	129	15234	11.072	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	7074	7.582	ug/L	# 68

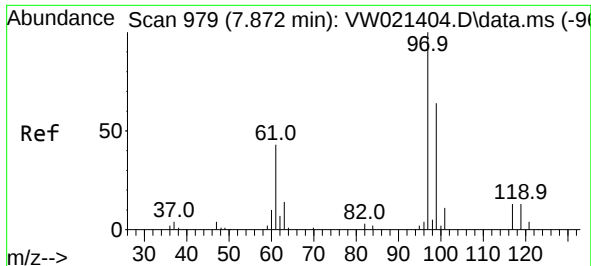
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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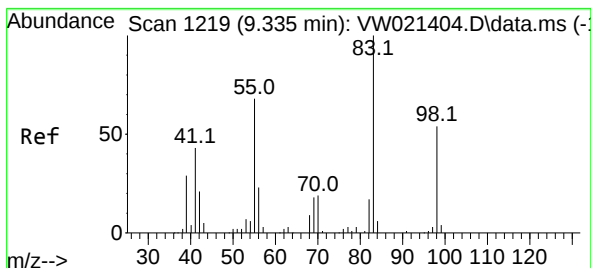
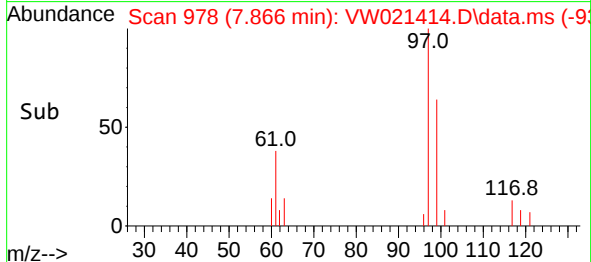
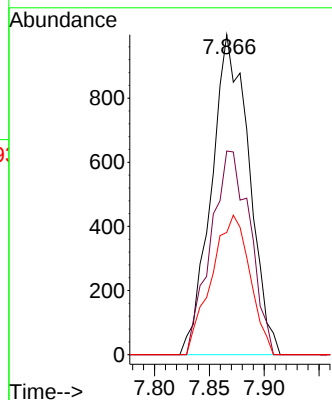
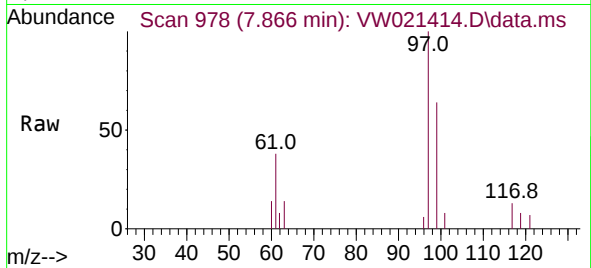




#30
1,1,1-Trichloroethane
Concen: 0.947 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW021414.D
Acq: 16 Dec 2021 14:54

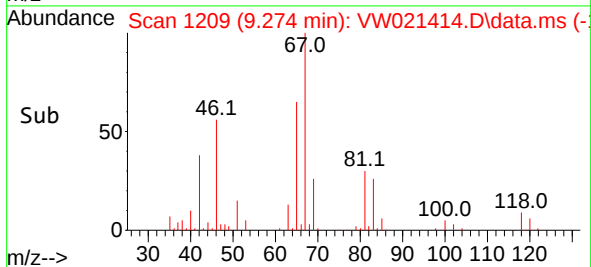
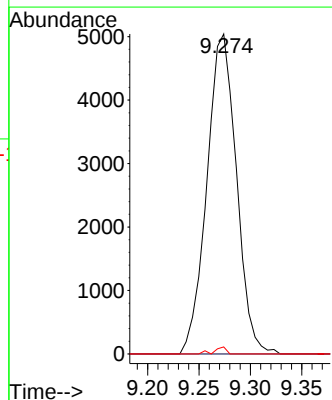
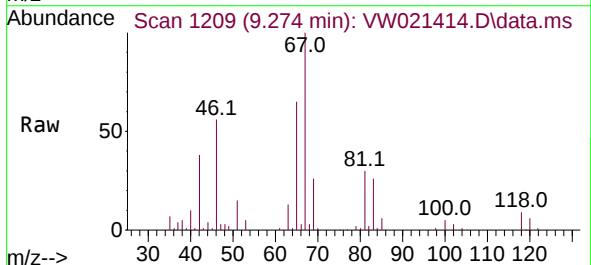
Instrument :
MSVOA_W
ClientSampleId :

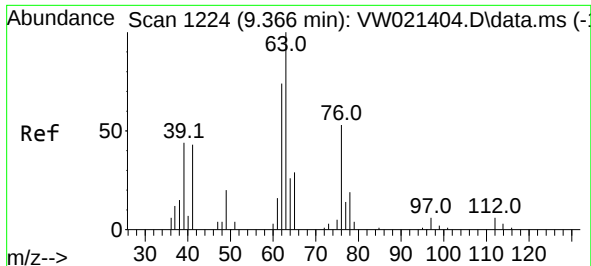
Tgt Ion: 97 Resp: 2385
Ion Ratio Lower Upper
97 100
99 66.3 51.6 77.4
61 44.5 40.9 61.3



#35
Methylcyclohexane
Concen: 3.566 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021414.D
Acq: 16 Dec 2021 14:54

Tgt Ion: 83 Resp: 10096
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.7 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.546 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021414.D

Acq: 16 Dec 2021 14:54

Instrument :

MSVOA_W

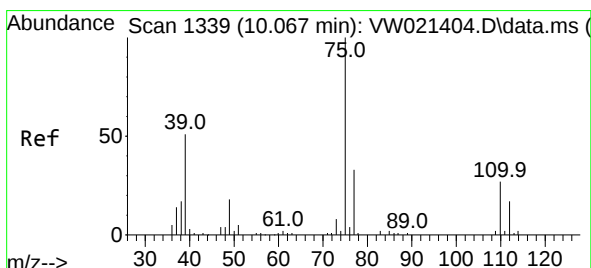
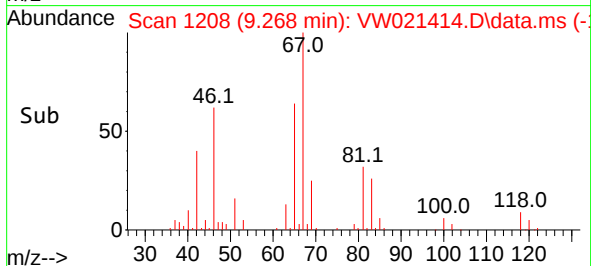
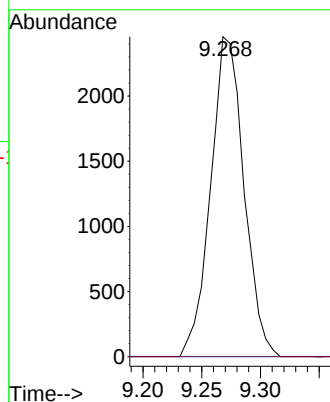
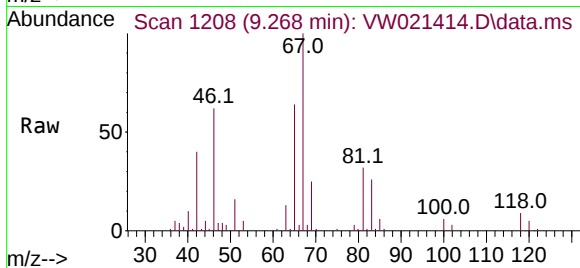
ClientSampleId :

Tgt Ion: 63 Resp: 4836

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.647 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.037 min

Lab File: VW021414.D

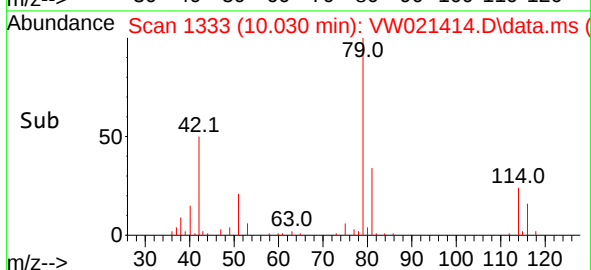
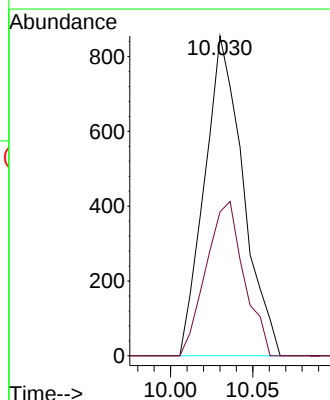
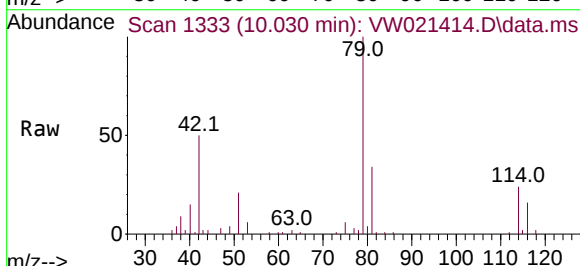
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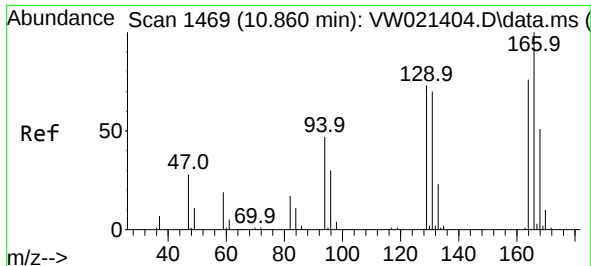
Tgt Ion: 75 Resp: 1390

Ion Ratio Lower Upper

75 100

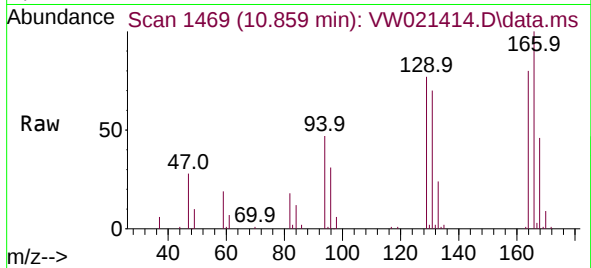
77 45.0 21.8 40.6#



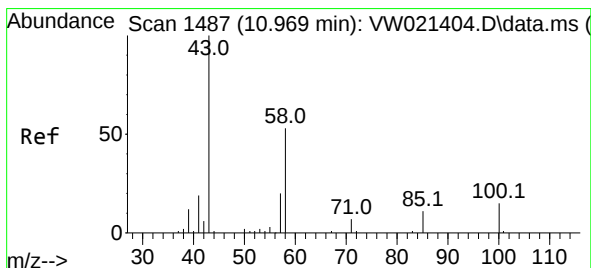
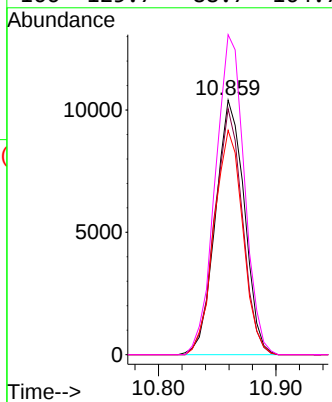
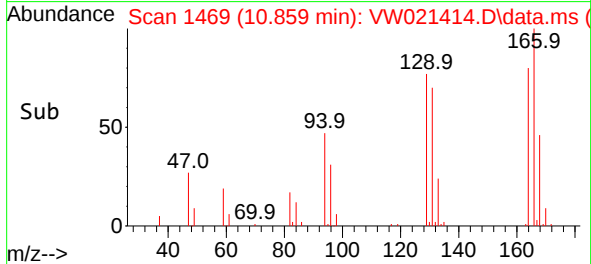


#46
Tetrachloroethene
Concen: 10.899 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021414.D
Acq: 16 Dec 2021 14:54

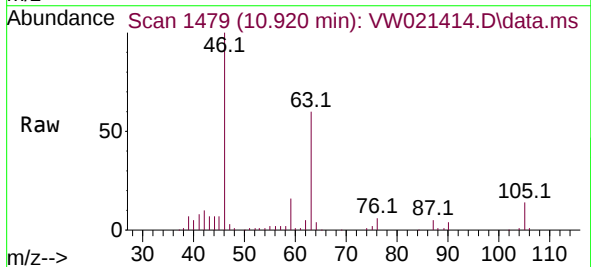
Instrument :
MSVOA_W
ClientSampleId :



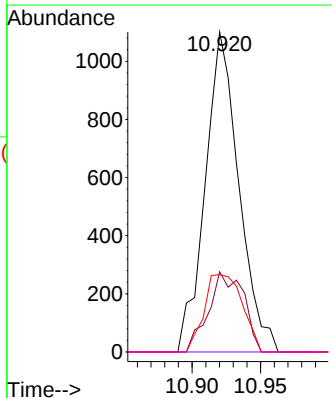
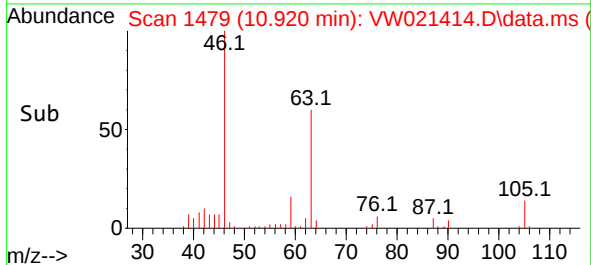
Tgt Ion:164 Resp: 17768
Ion Ratio Lower Upper
164 100
129 96.6 65.5 121.7
131 88.1 59.7 110.9
166 125.7 88.7 164.7

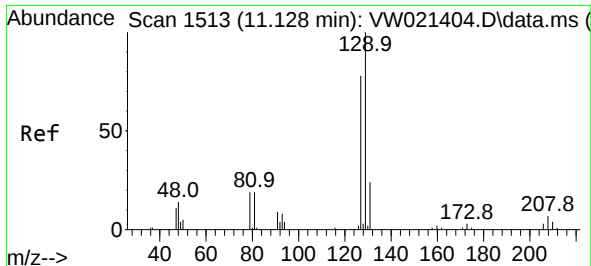


#48
2-Hexanone
Concen: 3.493 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021414.D
Acq: 16 Dec 2021 14:54



Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
58 16.0 40.2 60.2#
57 27.4 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 11.072 ug/L

RT: 10.859 min Scan# 14

Delta R.T. -0.269 min

Lab File: VW021414.D

Acq: 16 Dec 2021 14:54

Instrument :

MSVOA_W

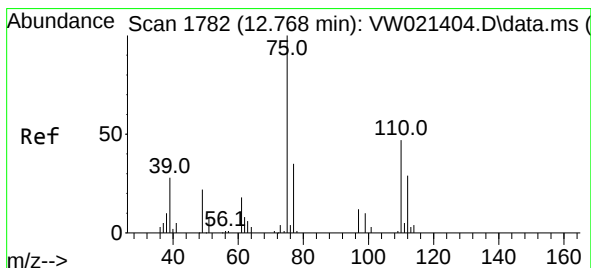
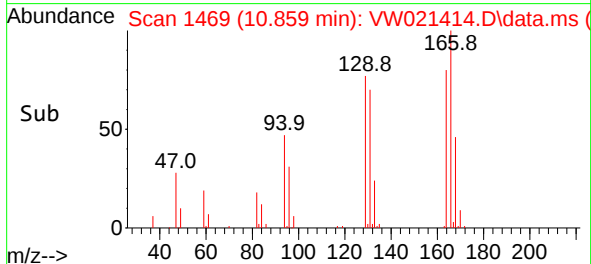
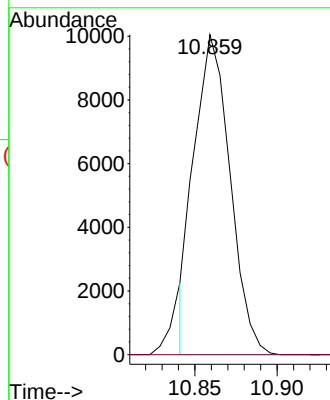
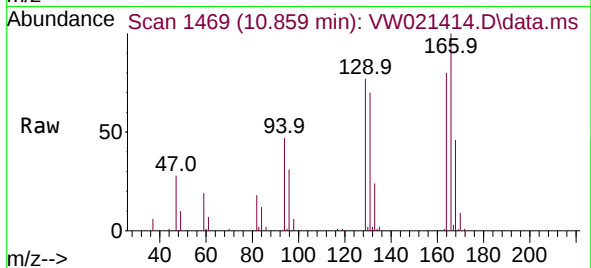
ClientSampleId :

Tgt Ion:129 Resp: 15234

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.582 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021414.D

Acq: 16 Dec 2021 14:54

Tgt Ion: 75 Resp: 7074

Ion Ratio Lower Upper

75 100

77 35.1 25.8 38.8

110 3.2 29.0 43.4#

