

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021392.D
 Acq On : 15 Dec 2021 16:17
 Operator : SY/VA
 Sample : M5101-09
 Misc : 5.15g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 00:59:42 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)

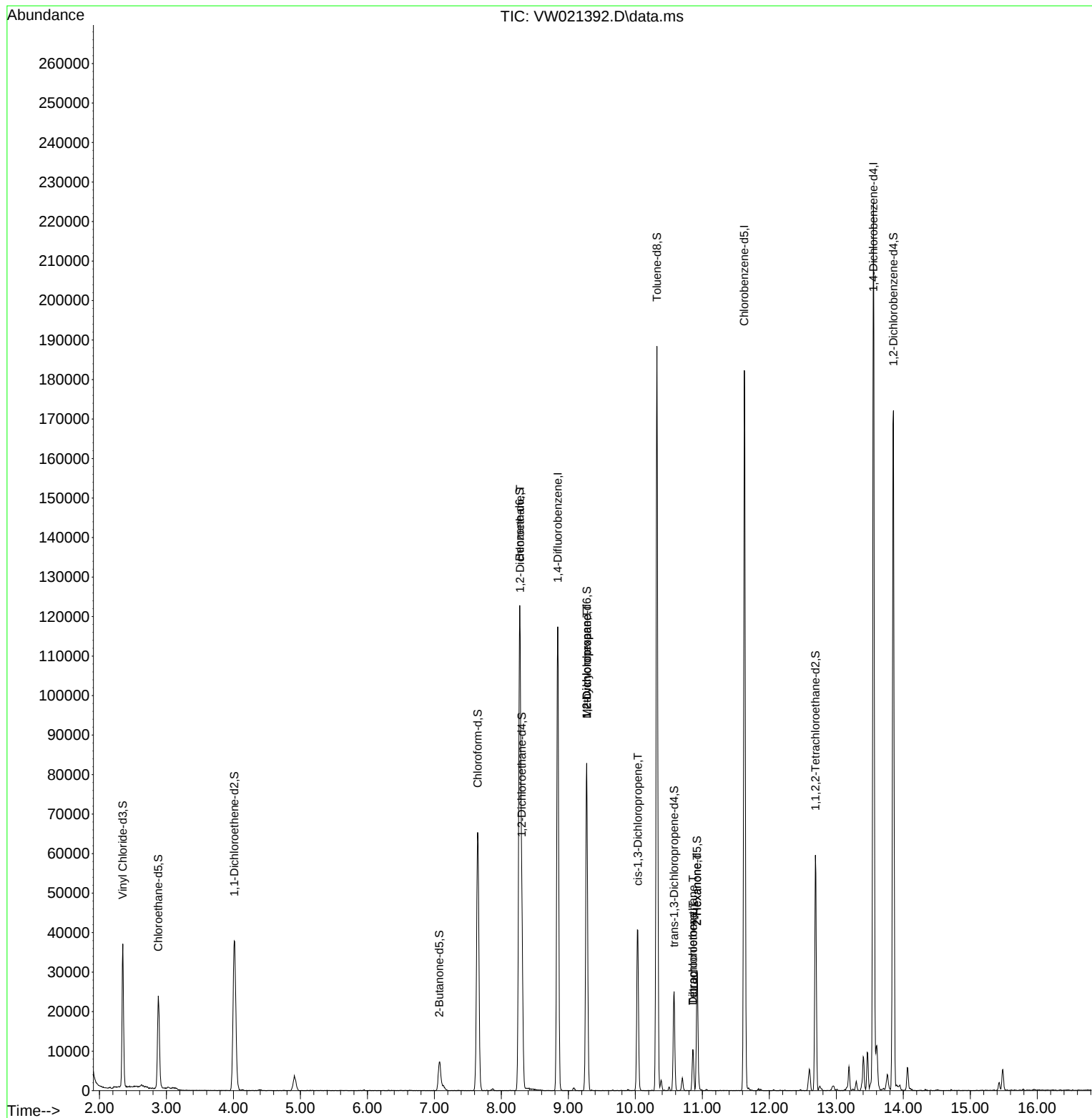
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	100214	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	101358	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	58756	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33484	18.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.400%
7) Chloroethane-d5	2.879	69	27209	22.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	4.013	63	36251	14.898	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.600%
21) 2-Butanone-d5	7.074	46	12725	49.461	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.920%
24) Chloroform-d	7.647	84	64819	23.210	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.840%
26) 1,2-Dichloroethane-d4	8.305	65	34075	22.938	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.760%
32) Benzene-d6	8.275	84	124576	22.423	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.680%
36) 1,2-Dichloropropane-d6	9.274	67	34225	22.970	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.880%
41) Toluene-d8	10.323	98	119549	21.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	10.579	79	13344	19.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.800%
47) 2-Hexanone-d5	10.920	63	10579	48.014	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.020%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	27220	21.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	46996	20.638	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.560%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.281	62	849	0.547	ug/L	# 77
35) Methylcyclohexane	9.274	83	9660	3.778	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4416	3.586	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1203	0.620	ug/L	# 48
46) Tetrachloroethene	10.859	164	2319	1.575	ug/L	# 85
48) 2-Hexanone	10.920	43	1347	2.768	ug/L	# 71
49) Dibromochloromethane	10.859	129	1987	1.599	ug/L	# 10

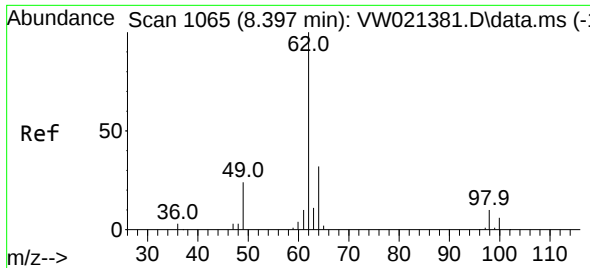
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Dec 16 00:57:02 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.547 ug/L

RT: 8.281 min Scan# 1109

Delta R.T. -0.116 min

Lab File: VW021392.D

Acq: 15 Dec 2021 16:17

Instrument :

MSVOA_W

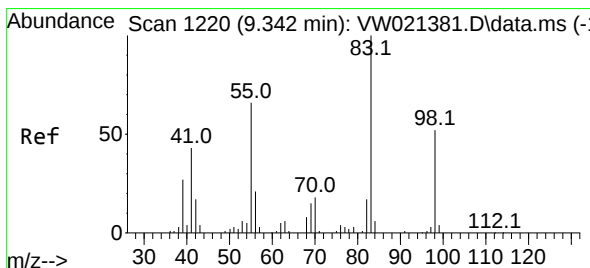
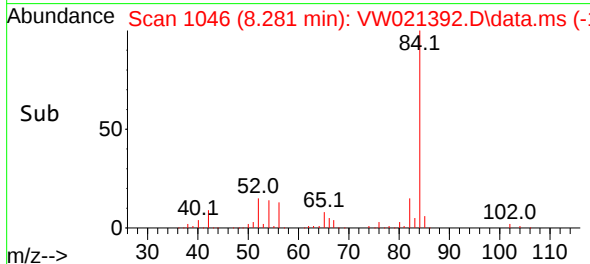
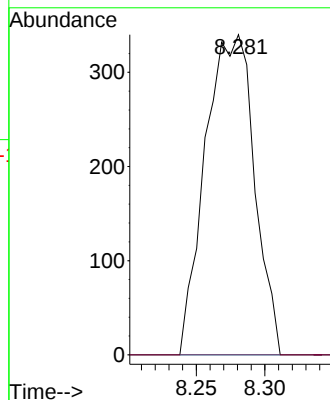
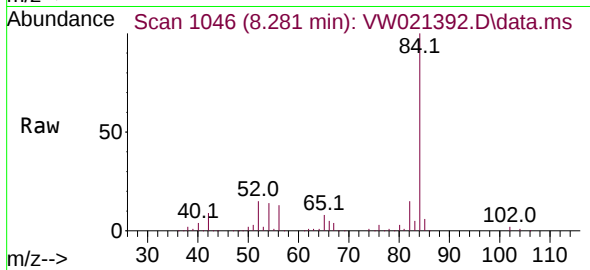
ClientSampleId :

Tgt Ion: 62 Resp: 849

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#35

Methylcyclohexane

Concen: 3.778 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.067 min

Lab File: VW021392.D

Acq: 15 Dec 2021 16:17

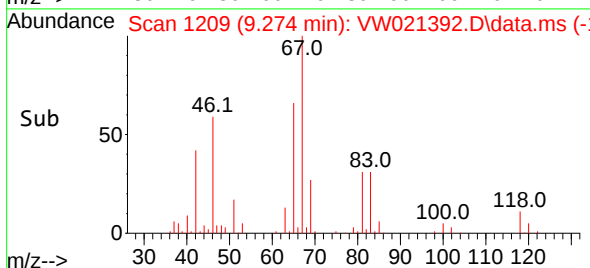
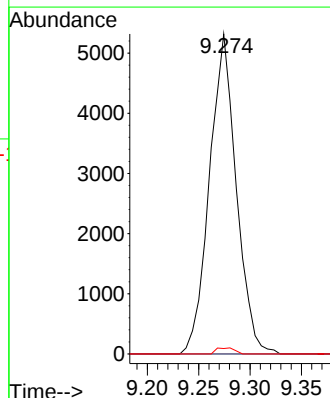
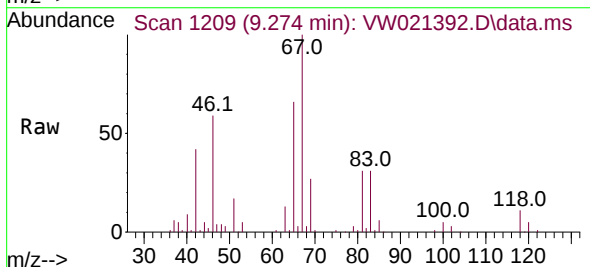
Tgt Ion: 83 Resp: 9660

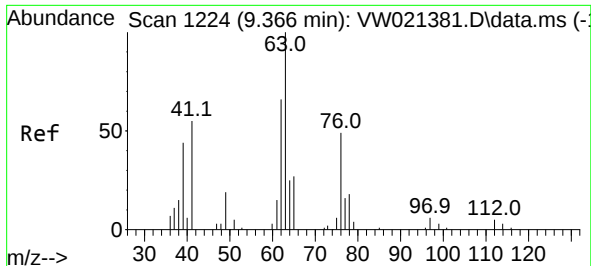
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.3 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.586 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021392.D

Acq: 15 Dec 2021 16:17

Instrument :

MSVOA_W

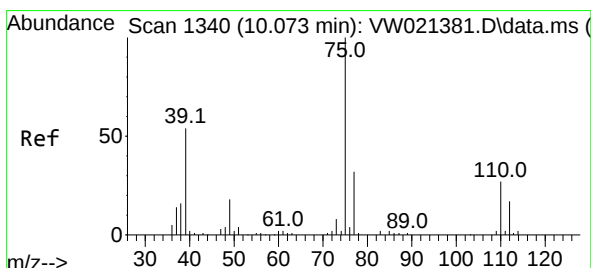
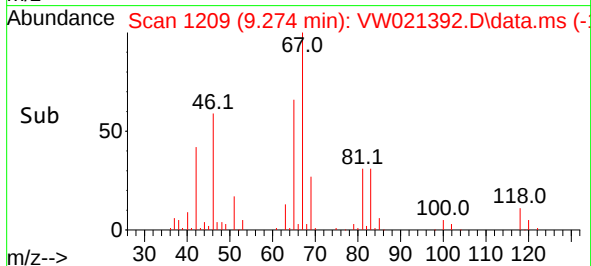
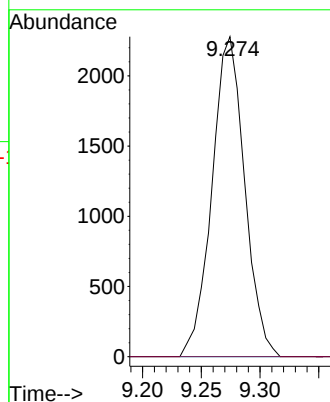
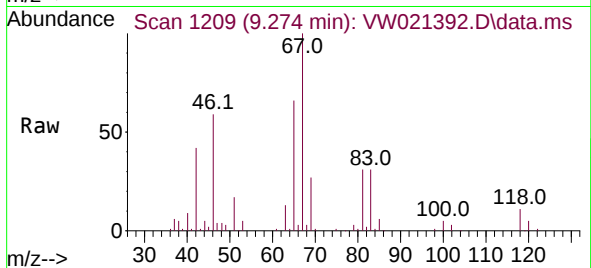
ClientSampleId :

Tgt Ion: 63 Resp: 4416

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.620 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021392.D

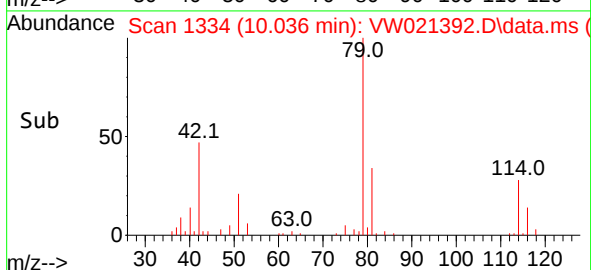
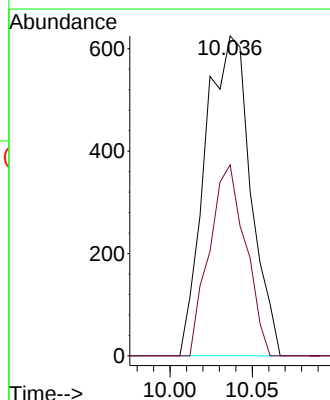
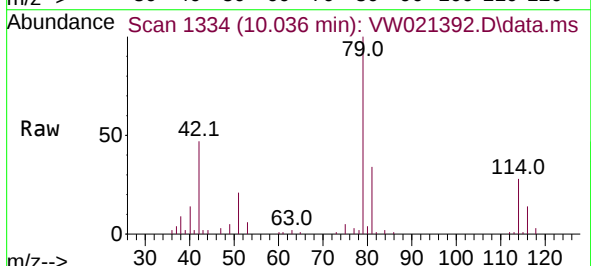
Acq: 15 Dec 2021 16:17

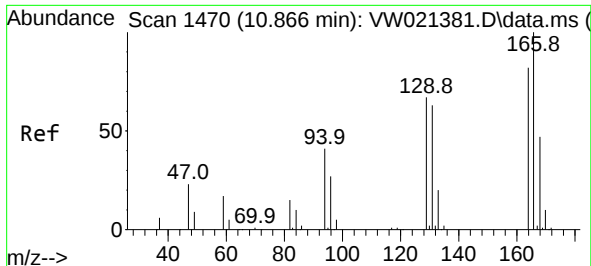
Tgt Ion: 75 Resp: 1203

Ion Ratio Lower Upper

75 100

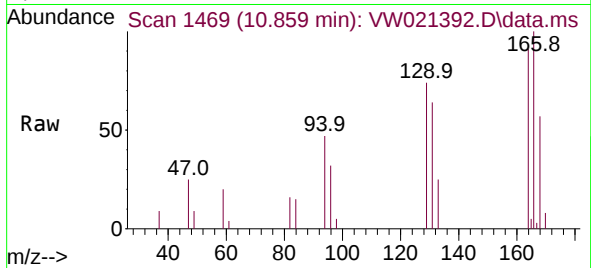
77 59.7 21.8 40.6#



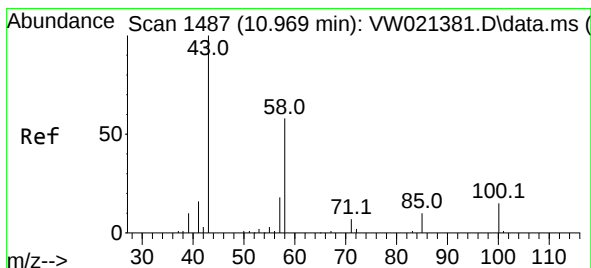
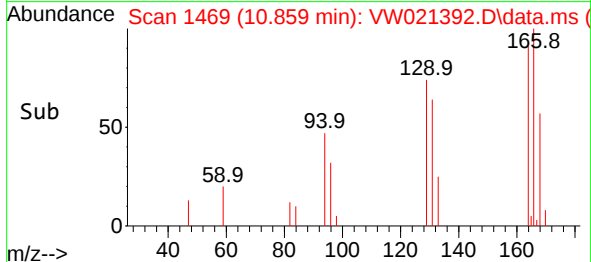
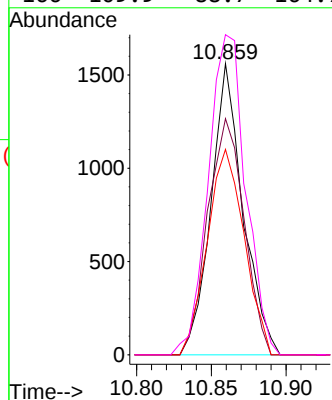


#46
Tetrachloroethene
Concen: 1.575 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021392.D
Acq: 15 Dec 2021 16:17

Instrument :
MSVOA_W
ClientSampleId :

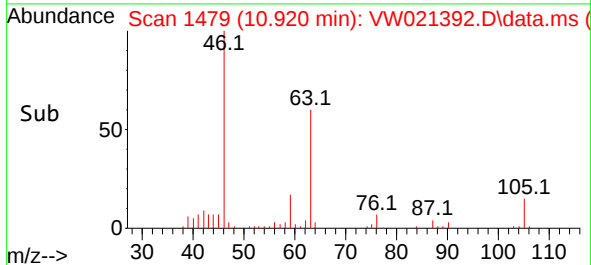
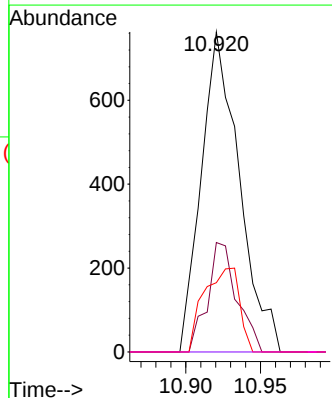
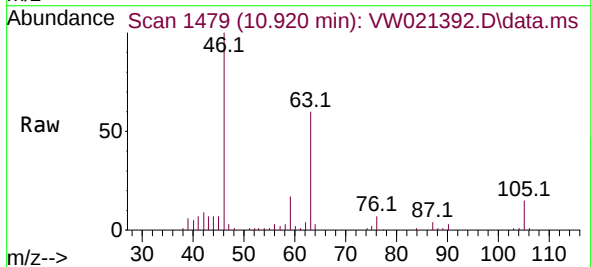


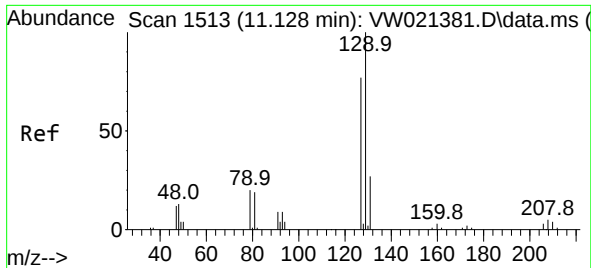
Tgt Ion:164 Resp: 2319
Ion Ratio Lower Upper
164 100
129 81.1 65.5 121.7
131 70.5 59.7 110.9
166 109.9 88.7 164.7



#48
2-Hexanone
Concen: 2.768 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021392.D
Acq: 15 Dec 2021 16:17

Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
58 26.5 40.2 60.2#
57 24.4 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 1.599 ug/L

RT: 10.859 min Scan# 14

Delta R.T. -0.268 min

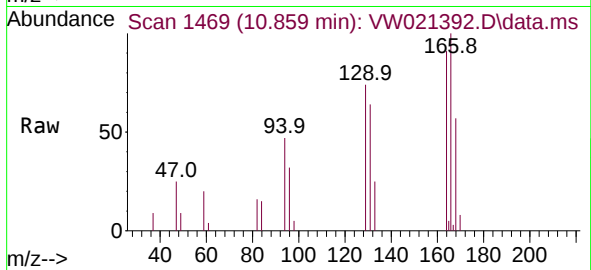
Lab File: VW021392.D

Acq: 15 Dec 2021 16:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:129 Resp: 1987

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#

