

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021401.D
 Acq On : 15 Dec 2021 19:54
 Operator : SY/VA
 Sample : M5101-06
 Misc : 5.72g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 01:01:57 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)

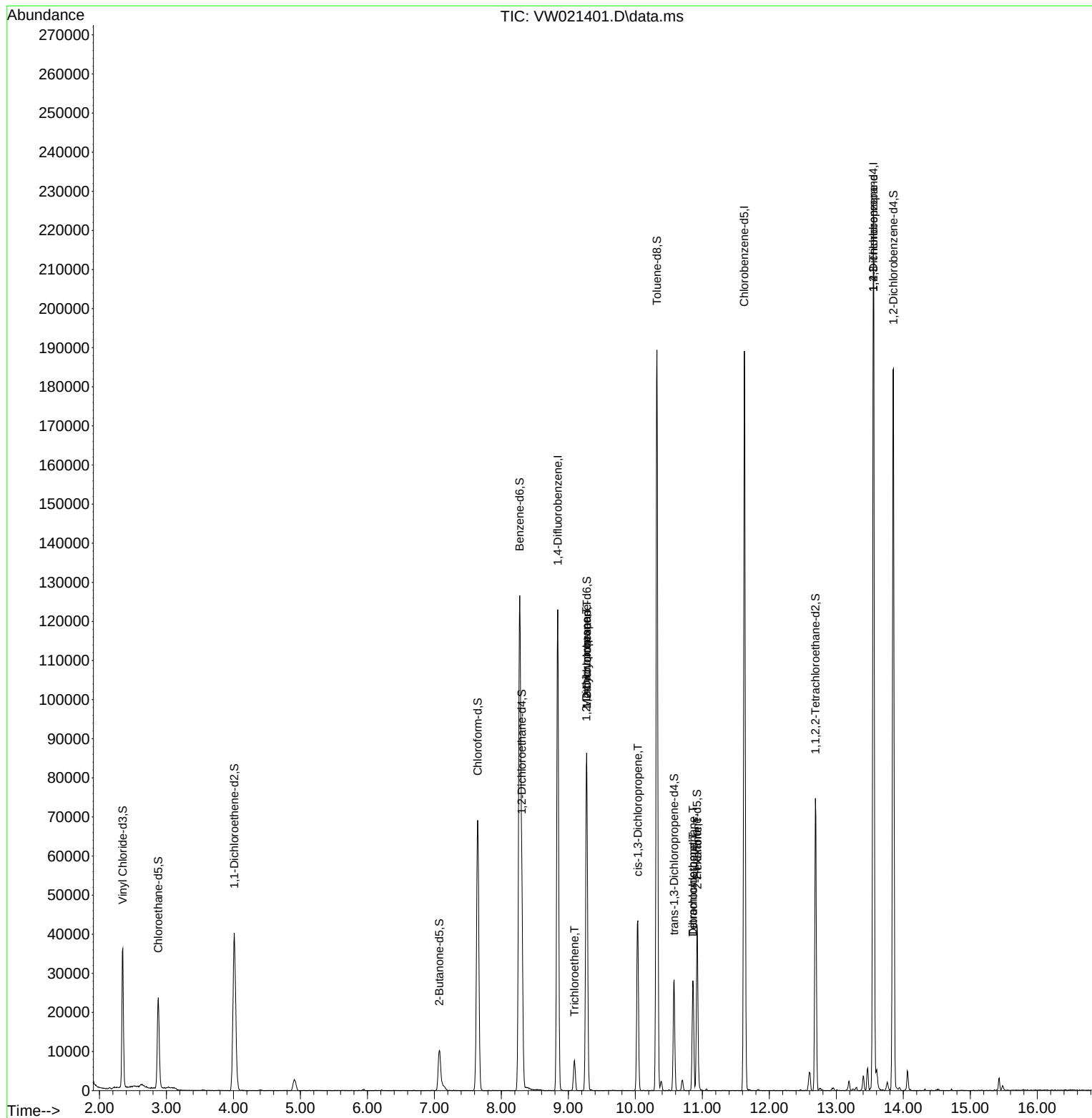
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	104936	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	106481	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	60146	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34085	17.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.320%
7) Chloroethane-d5	2.879	69	26842	21.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	4.013	63	36484	14.319	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.280%
21) 2-Butanone-d5	7.074	46	17471	64.852	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.700%
24) Chloroform-d	7.647	84	69915	23.908	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.640%
26) 1,2-Dichloroethane-d4	8.305	65	38633	24.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.360%
32) Benzene-d6	8.275	84	131181	22.476	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.920%
36) 1,2-Dichloropropane-d6	9.274	67	36631	23.402	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	10.323	98	125720	21.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.320%
43) trans-1,3-Dichloroprop...	10.579	79	14734	20.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.760%
47) 2-Hexanone-d5	10.920	63	13867	59.909	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	34046	25.302	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	50698	21.750	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
34) Trichloroethene	9.091	95	2471	1.518	ug/L #	80
35) Methylcyclohexane	9.274	83	10114	3.765	ug/L #	15
37) 1,2-Dichloropropane	9.268	63	4804	3.713	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1282	0.629	ug/L #	54
46) Tetrachloroethene	10.859	164	6629	4.286	ug/L	96
48) 2-Hexanone	10.927	43	1782	3.486	ug/L #	66
49) Dibromochloromethane	10.859	129	5548	4.250	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	6630	7.574	ug/L #	67

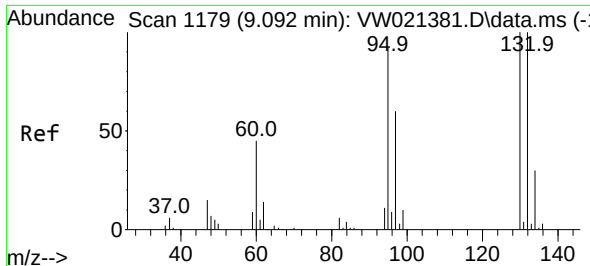
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#34

Trichloroethene

Concen: 1.518 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

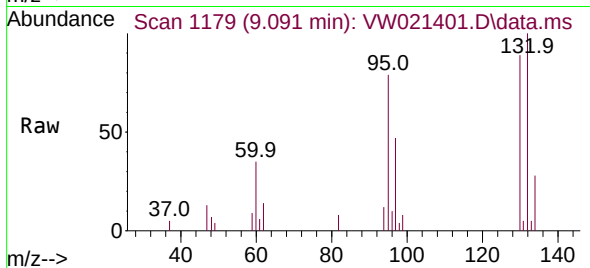
Lab File: VW021401.D

Acq: 15 Dec 2021 19:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 2471

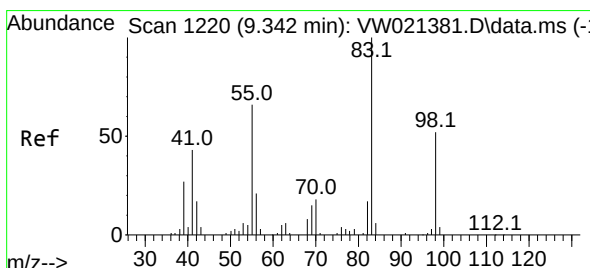
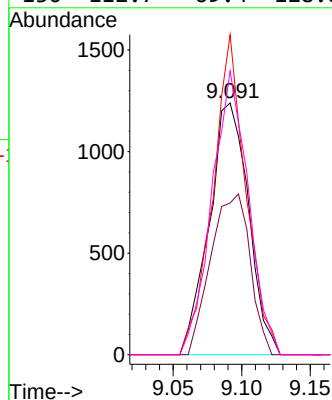
Ion Ratio Lower Upper

95 100

97 60.2 47.0 87.2

132 127.1 65.5 121.6#

130 112.7 69.4 128.8



#35

Methylcyclohexane

Concen: 3.765 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.067 min

Lab File: VW021401.D

Acq: 15 Dec 2021 19:54

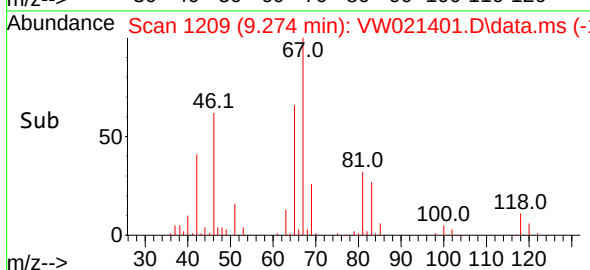
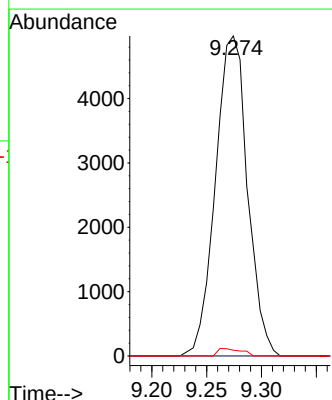
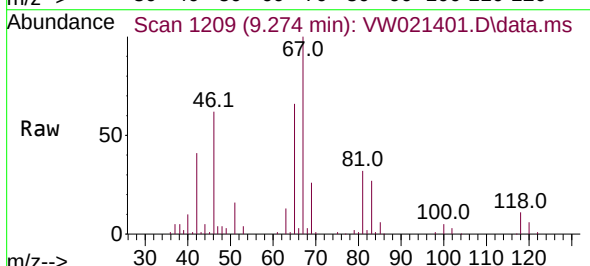
Tgt Ion: 83 Resp: 10114

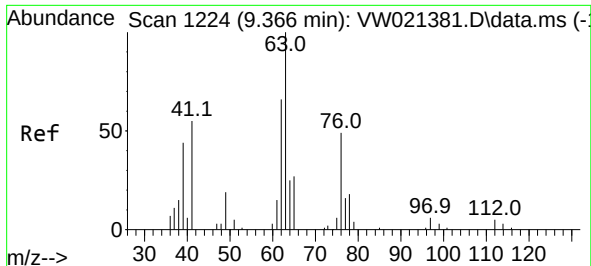
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.7 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.713 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021401.D

Acq: 15 Dec 2021 19:54

Instrument :

MSVOA_W

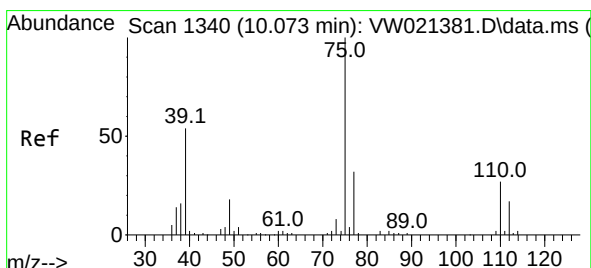
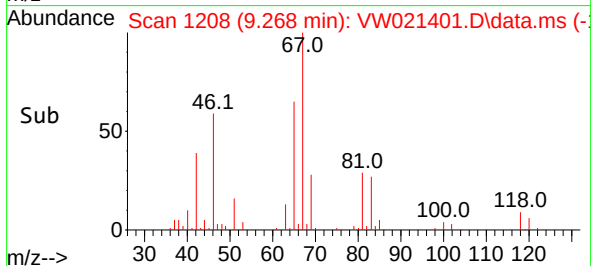
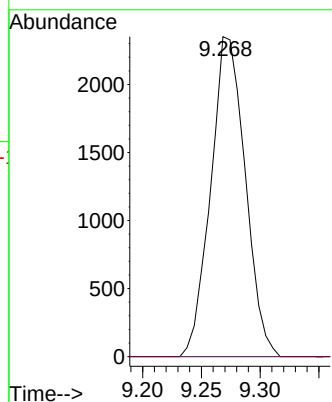
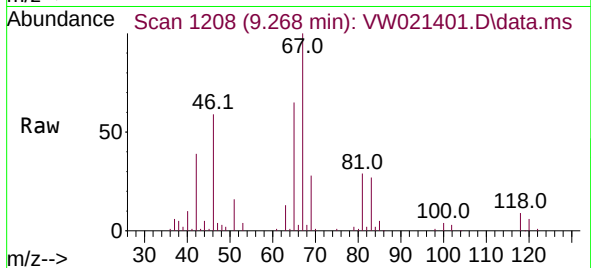
ClientSampleId :

Tgt Ion: 63 Resp: 4804

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.629 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021401.D

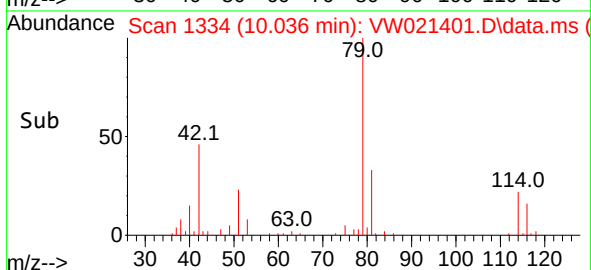
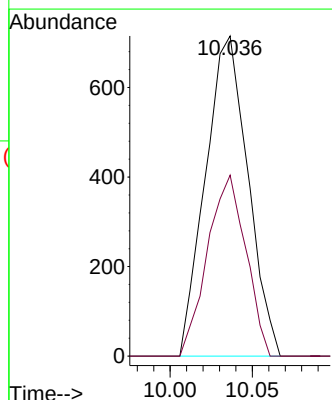
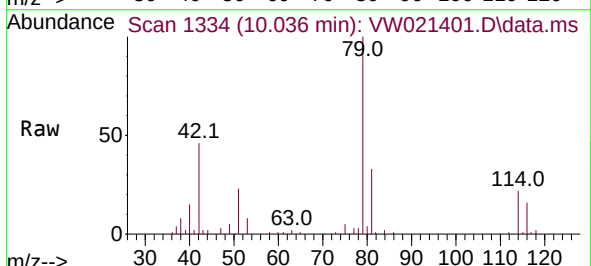
Acq: 15 Dec 2021 19:54

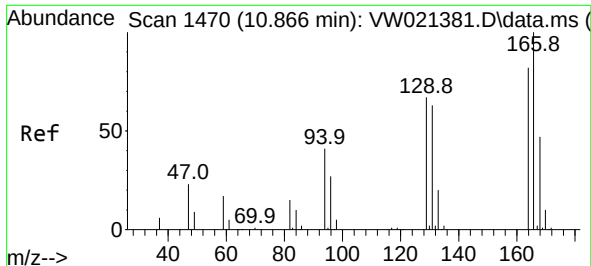
Tgt Ion: 75 Resp: 1282

Ion Ratio Lower Upper

75 100

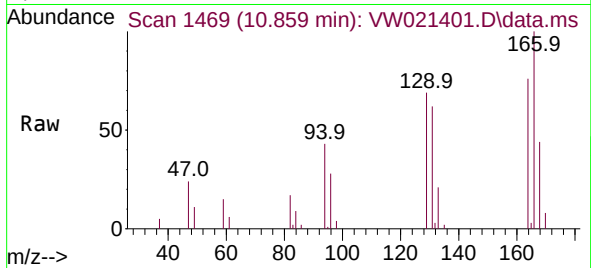
77 56.5 21.8 40.6#



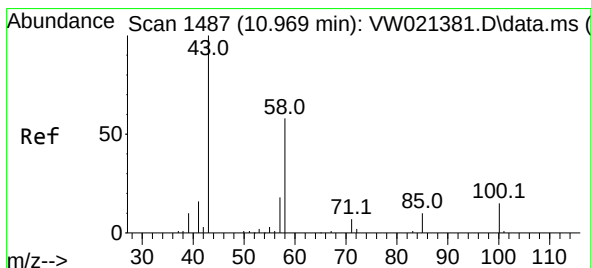
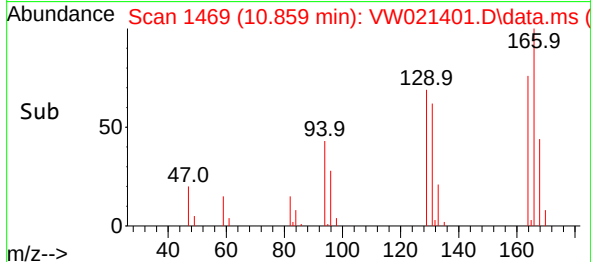
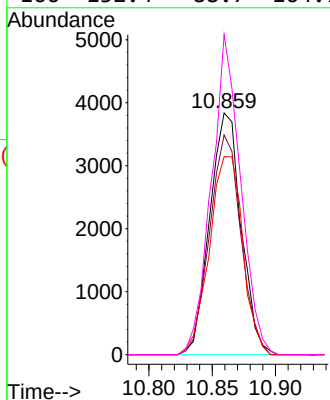


#46
Tetrachloroethene
Concen: 4.286 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021401.D
Acq: 15 Dec 2021 19:54

Instrument :
MSVOA_W
ClientSampleId :

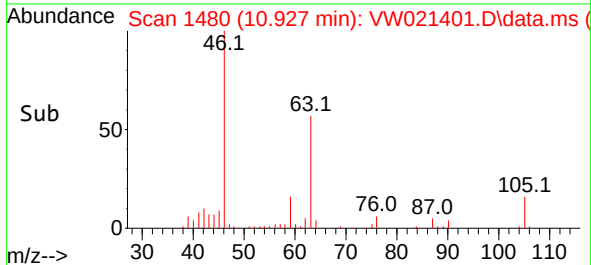
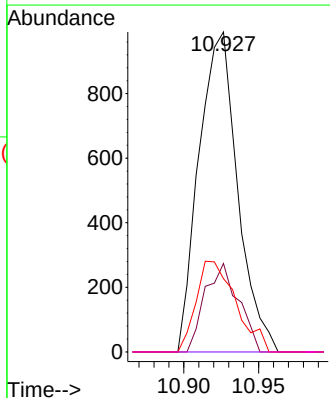
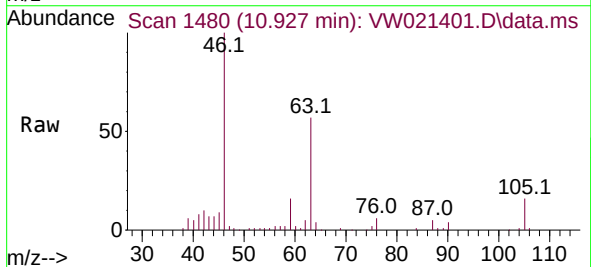


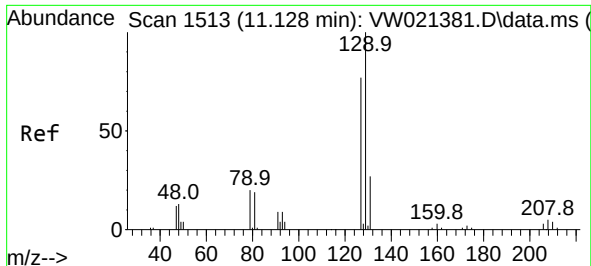
Tgt Ion:164 Resp: 6629
Ion Ratio Lower Upper
164 100
129 90.9 65.5 121.7
131 82.0 59.7 110.9
166 132.4 88.7 164.7



#48
2-Hexanone
Concen: 3.486 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021401.D
Acq: 15 Dec 2021 19:54

Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
58 23.9 40.2 60.2#
57 29.2 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 4.250 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021401.D

Acq: 15 Dec 2021 19:54

Instrument :

MSVOA_W

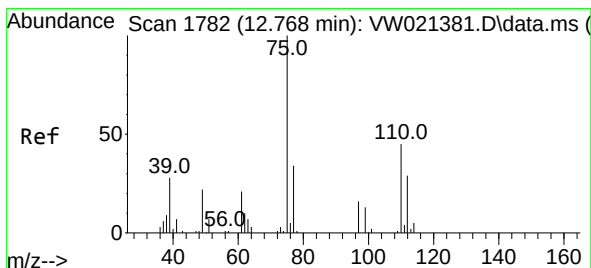
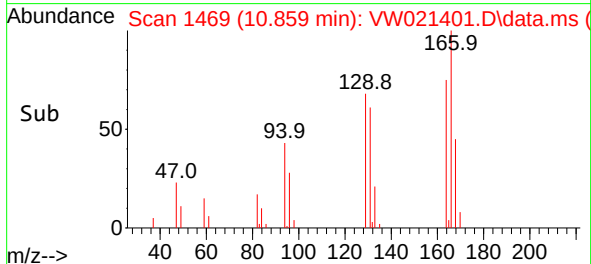
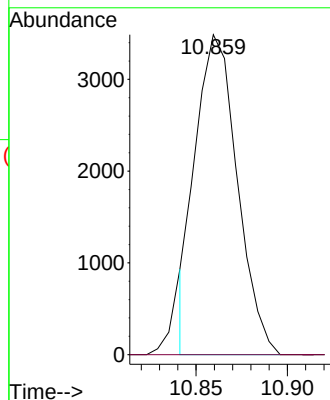
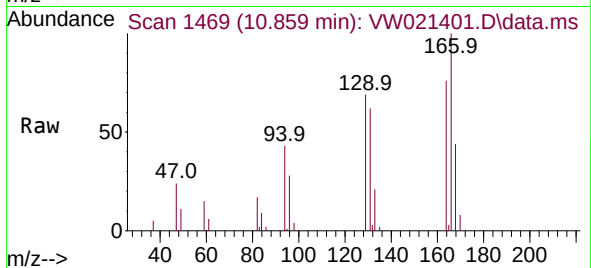
ClientSampleId :

Tgt Ion:129 Resp: 5548

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.574 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021401.D

Acq: 15 Dec 2021 19:54

Tgt Ion: 75 Resp: 6630

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.8

110 3.3 29.0 43.4#

