

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020349.D
 Acq On : 07 Oct 2021 06:15
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 07:55:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 05:04:04 2021
 Response via : Initial Calibration

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

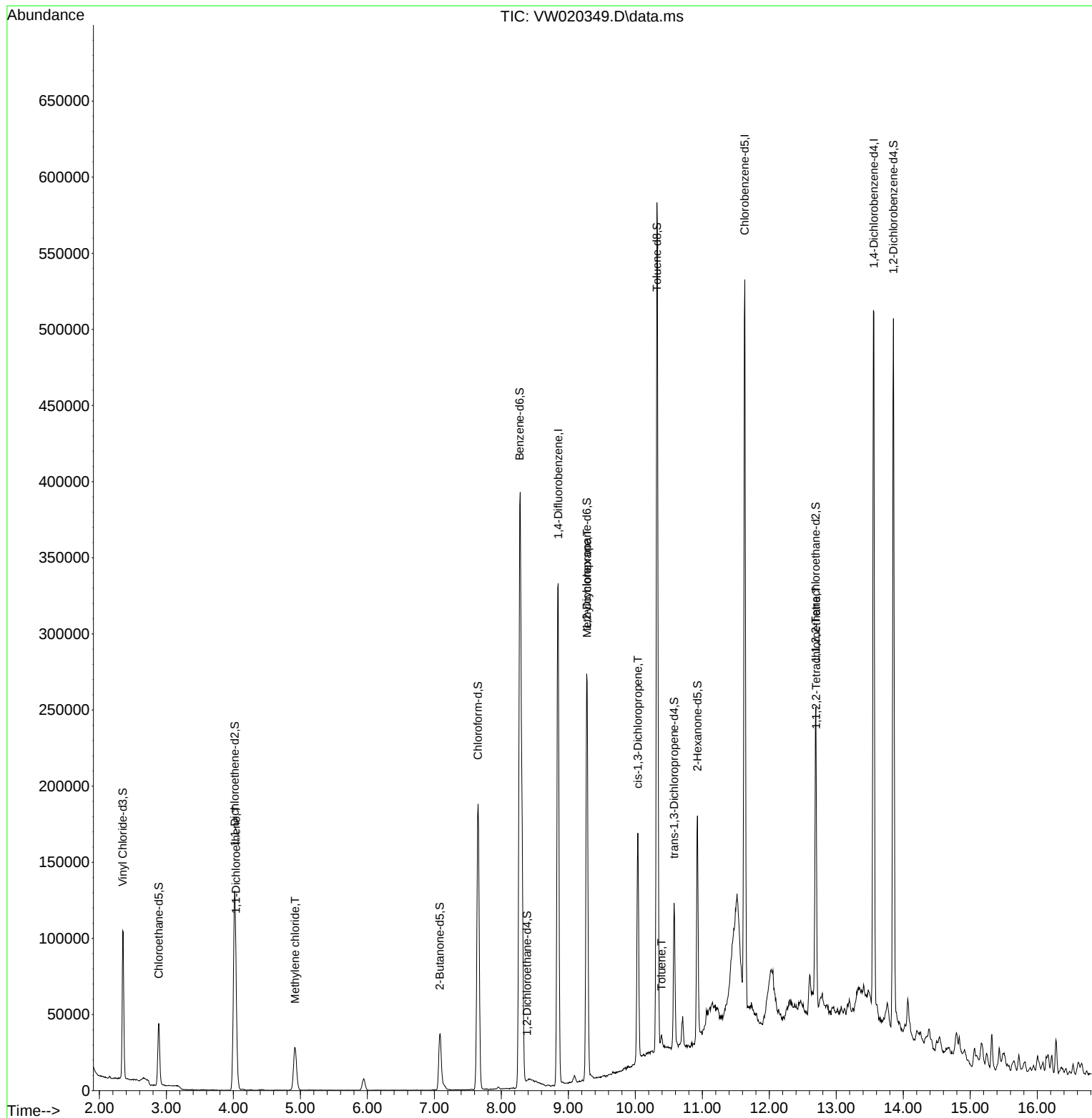
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	264308	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	245578	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	118788	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	94444	25.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.720%
7) Chloroethane-d5	2.885	69	43607	27.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.520%
11) 1,1-Dichloroethene-d2	4.019	63	133465	17.792	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.160%
21) 2-Butanone-d5	7.080	46	65662	70.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.920%#
24) Chloroform-d	7.653	84	188264	24.807	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.240%
26) 1,2-Dichloroethane-d4	8.384	65	88	0.021	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.275	84	390488	26.262	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.040%
36) 1,2-Dichloropropane-d6	9.274	67	124100	26.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.240%
41) Toluene-d8	10.323	98	352439	26.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.680%
43) trans-1,3-Dichloroprop...	10.579	79	50255	26.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.760%
47) 2-Hexanone-d5	10.927	63	49218	75.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.020%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	95801	29.104	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	110886	26.658	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.640%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	1751	0.476	ug/L #	1
16) Methylene chloride	4.922	84	21149	4.481	ug/L	95
35) Methylcyclohexane	9.281	83	29254	3.992	ug/L #	16
39) cis-1,3-Dichloropropene	10.037	75	3587	0.596	ug/L #	43
42) Toluene	10.390	91	6483	0.377	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.701	83	4845	1.514	ug/L #	67

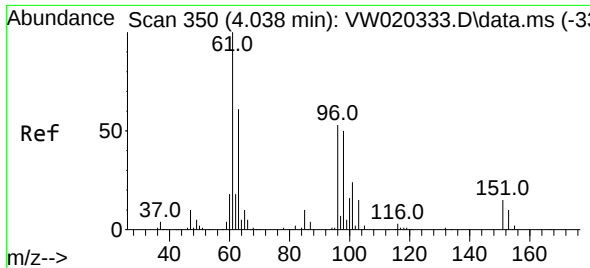
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020349.D
Acq On : 07 Oct 2021 06:15
Operator : SY/VA
Sample : VIBLK
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 07 07:55:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 07 05:04:04 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.476 ug/L

RT: 4.038 min Scan# 350

Delta R.T. -0.000 min

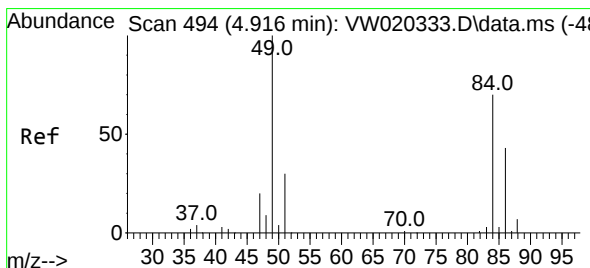
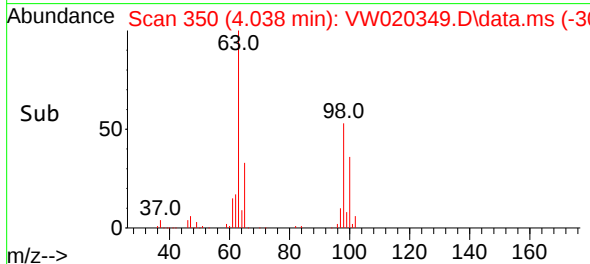
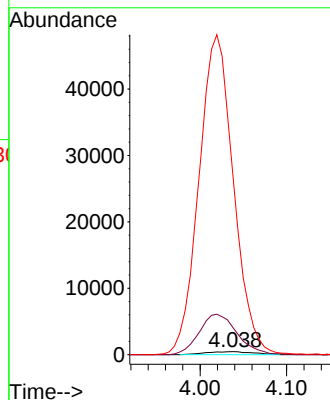
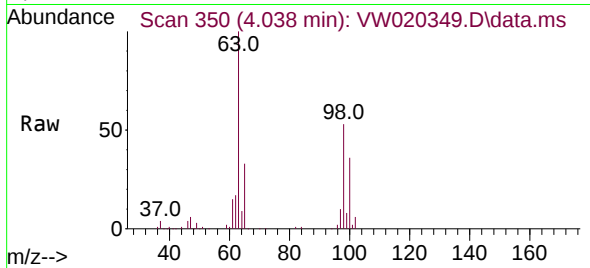
Lab File: VW020349.D

Acq: 07 Oct 2021 06:15

Tgt Ion: 96 Resp: 1751

Ion	Ratio	Lower	Upper
96	100		
61	900.0	133.9	248.7#
63	5958.3	77.3	143.7#

Instrument :
MSVOA_W
ClientSampled :



#16

Methylene chloride

Concen: 4.481 ug/L

RT: 4.922 min Scan# 495

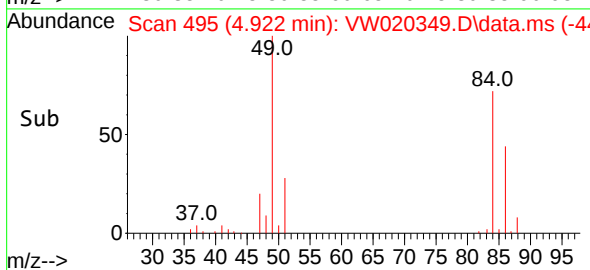
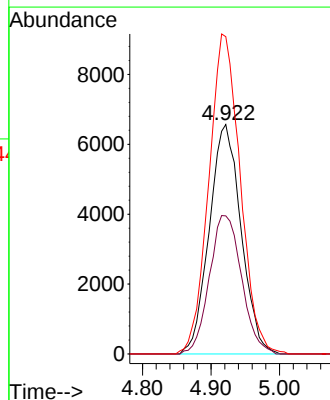
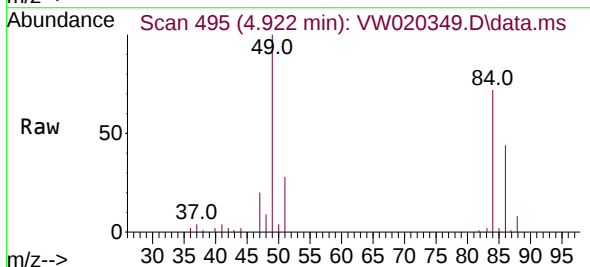
Delta R.T. 0.006 min

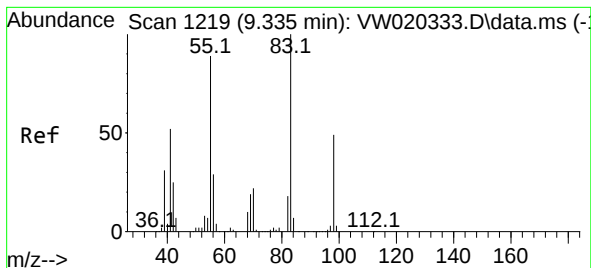
Lab File: VW020349.D

Acq: 07 Oct 2021 06:15

Tgt Ion: 84 Resp: 21149

Ion	Ratio	Lower	Upper
84	100		
86	60.2	44.7	83.1
49	138.3	101.7	188.9





#35

Methylcyclohexane

Concen: 3.992 ug/L

RT: 9.281 min Scan# 1210

Delta R.T. -0.055 min

Lab File: VW020349.D

Acq: 07 Oct 2021 06:15

Tgt Ion: 83 Resp: 29254

Ion Ratio Lower Upper

83 100

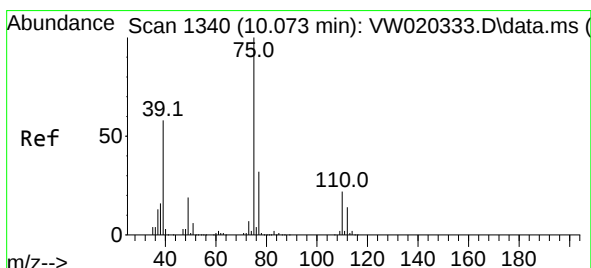
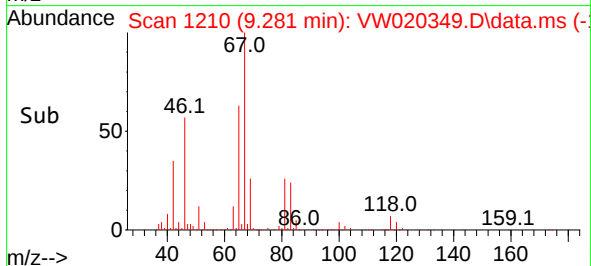
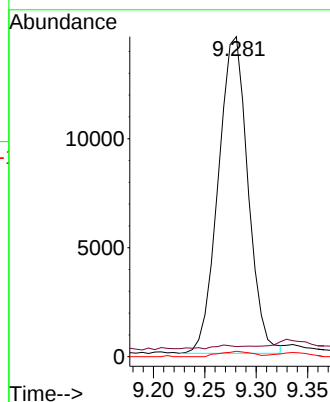
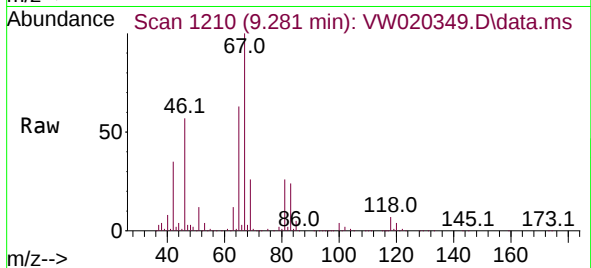
55 0.8 69.7 104.5#

98 1.8 38.2 57.2#

Instrument :

MSVOA_W

ClientSampleId :



#39

cis-1,3-Dichloropropene

Concen: 0.596 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW020349.D

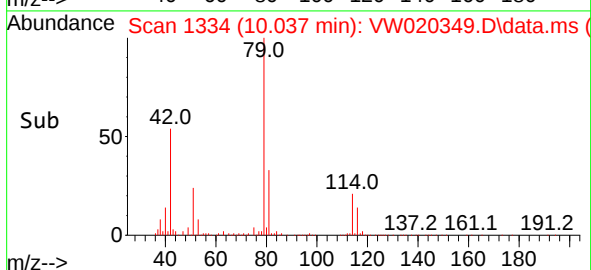
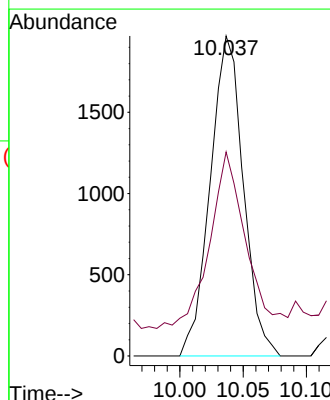
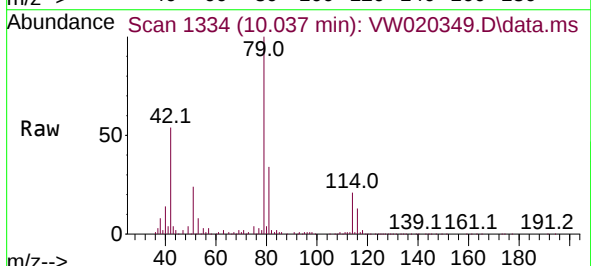
Acq: 07 Oct 2021 06:15

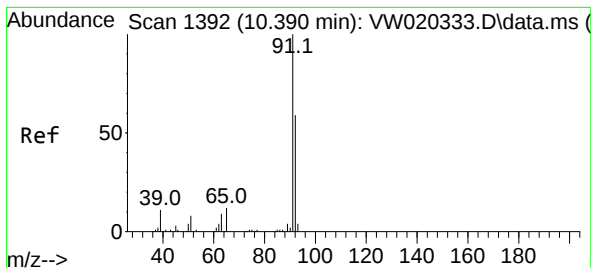
Tgt Ion: 75 Resp: 3587

Ion Ratio Lower Upper

75 100

77 63.8 22.4 41.6#





#42

Toluene

Concen: 0.377 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020349.D

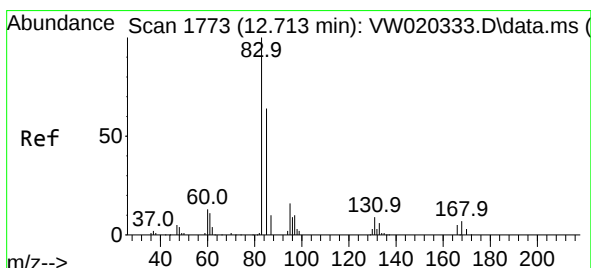
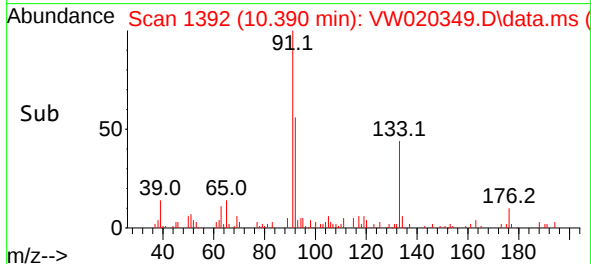
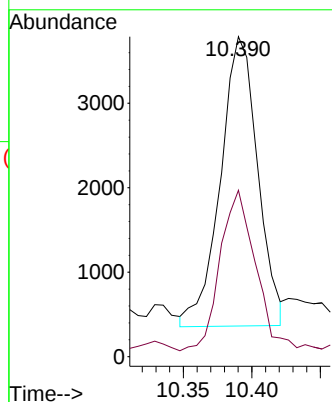
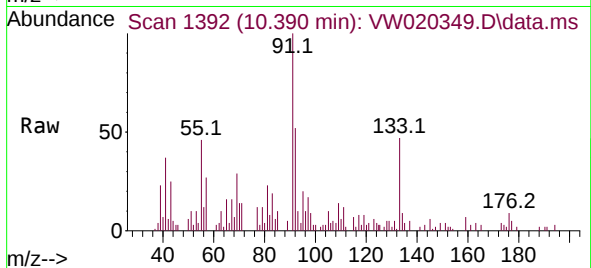
Acq: 07 Oct 2021 06:15

Tgt Ion: 91 Resp: 6483

Ion Ratio Lower Upper

91 100

92 52.0 41.5 77.1



#57

1,1,2,2-Tetrachloroethane

Concen: 1.514 ug/L

RT: 12.701 min Scan# 1771

Delta R.T. -0.012 min

Lab File: VW020349.D

Acq: 07 Oct 2021 06:15

Tgt Ion: 83 Resp: 4845

Ion Ratio Lower Upper

83 100

85 53.1 45.9 85.3

131 65.5 7.4 11.2#

