

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015455.D
 Acq On : 22 May 2020 16:39
 Operator : SY/VA
 Sample : L2754-02
 Misc : 10.42G/10.1mL/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:56:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	353095	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	313921	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131819	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55445	12.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.20%
7) Chloroethane-d5	2.89	69	67862	15.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.72%
10) 1,1-Dichloroethene-d2	4.01	63	106883	11.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.60%
20) 2-Butanone-d5	7.08	46	59431	50.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.74%
24) Chloroform-d	7.65	84	185102	20.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.04%
26) 1,2-Dichloroethane-d4	8.31	65	112337	22.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.88%
29) Benzene-d6	8.27	84	354843	20.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.64%
33) 1,2-Dichloropropane-d6	9.27	67	113558	21.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.28%
37) Toluene-d8	10.32	98	334319	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.96%
38) trans-1,3-Dichloropropene-	10.58	79	50236	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.80%
39) 2-Hexanone-d5	10.93	63	50591	52.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91676	23.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	100565	21.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.04%

Target Compounds

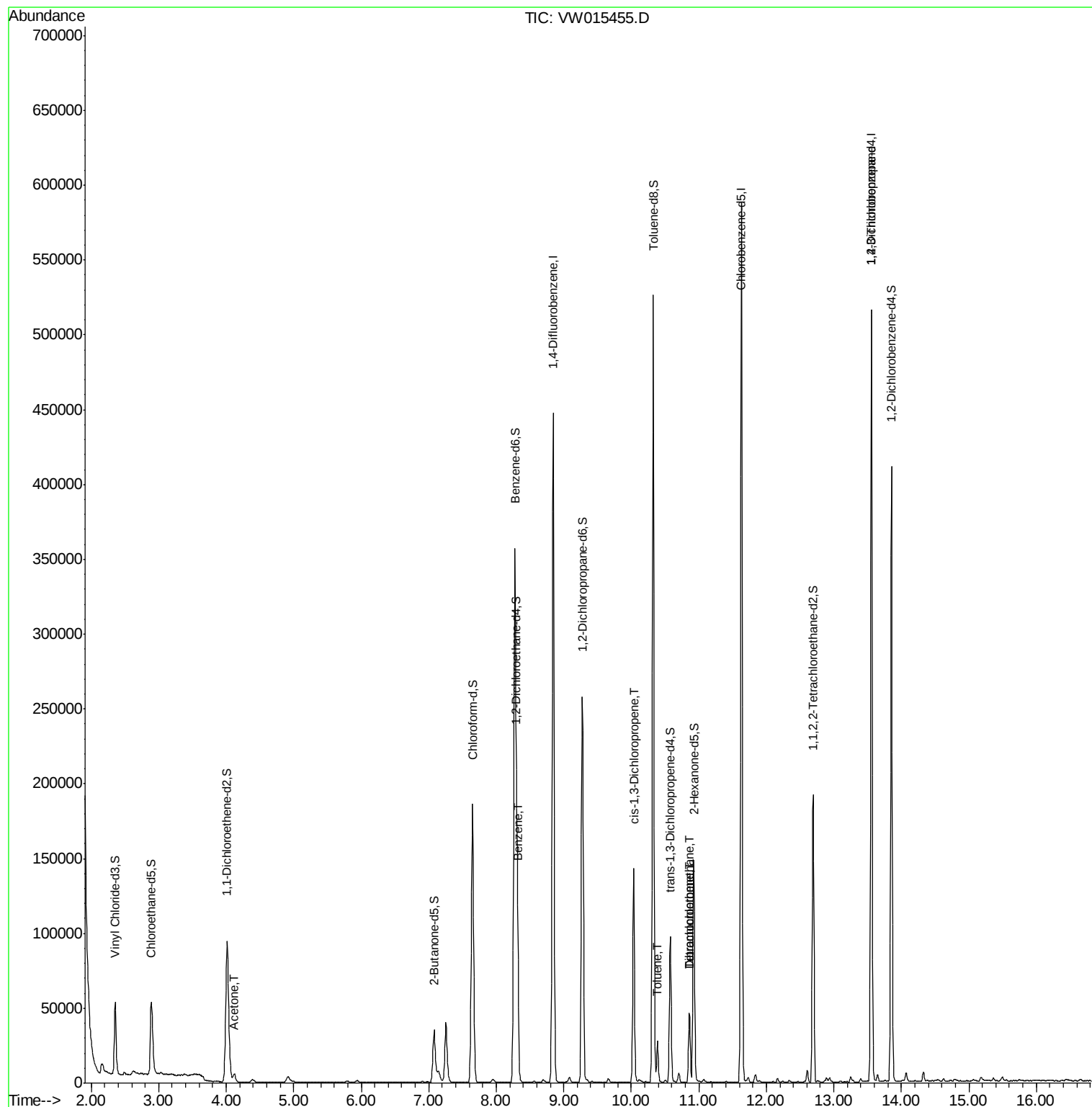
					Ovalue
13) Acetone	4.12	43	8120	9.087 ug/L	97
34) Benzene	8.32	78	10736	0.585 ug/L	100
42) cis-1,3-Dichloropropene	10.04	75	3964	0.535 ug/L #	76
44) Toluene	10.39	91	19772	0.985 ug/L	99
47) Tetrachloroethene	10.86	164	10021	2.714 ug/L	97
50) Dibromochloromethane	10.86	129	9454	2.429 ug/L #	10
59) 1,2,3-Trichloropropane	13.55	75	16817	5.785 ug/L	89

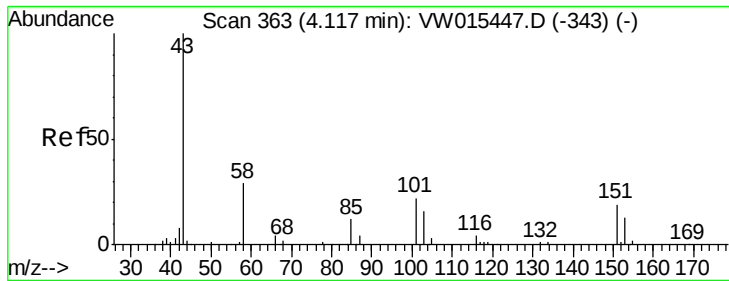
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 23 03:53:37 2020
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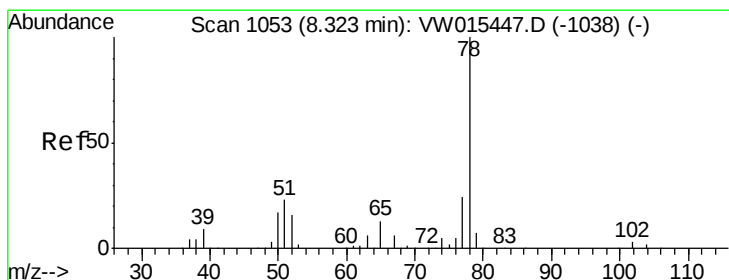
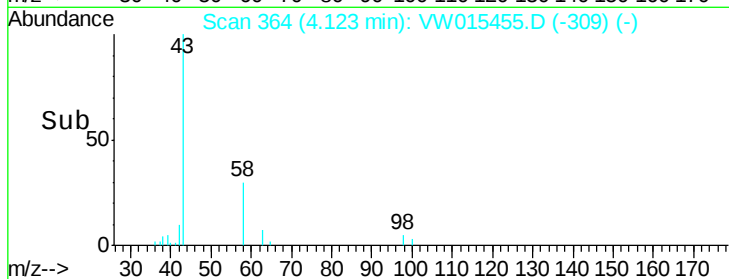
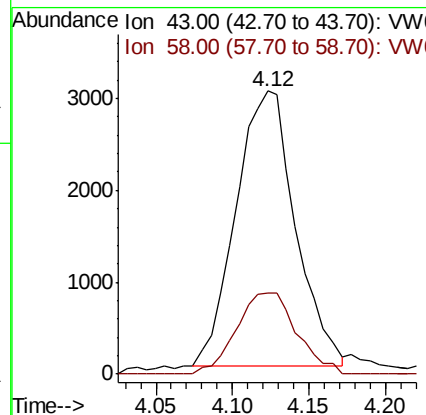
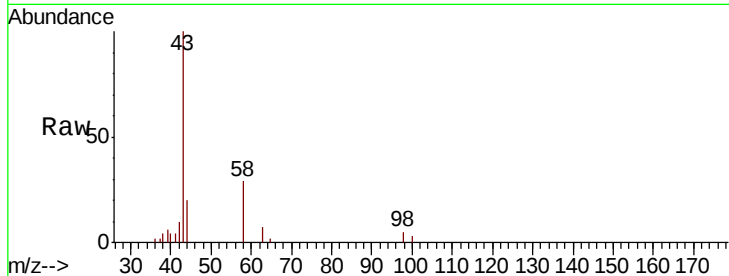




#13
 Acetone
 Concen: 9.087 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW015455.D
 Acq: 22 May 2020 16:39

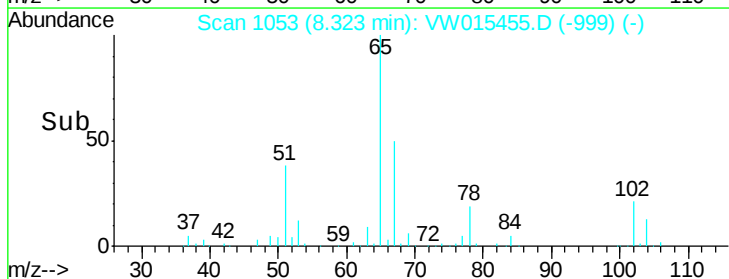
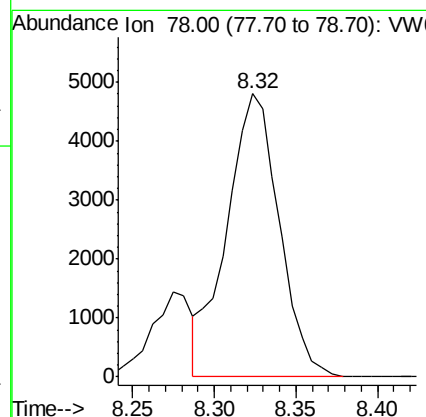
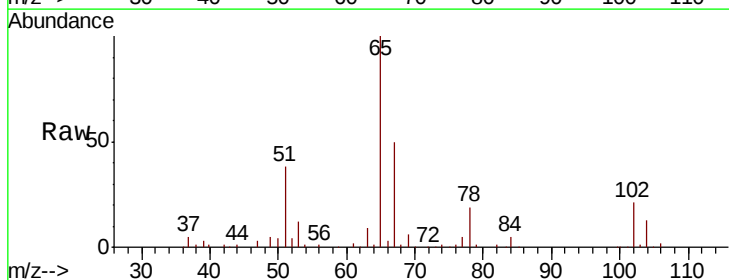
Instrument :
 MSVOA_W
 ClientSampleId :

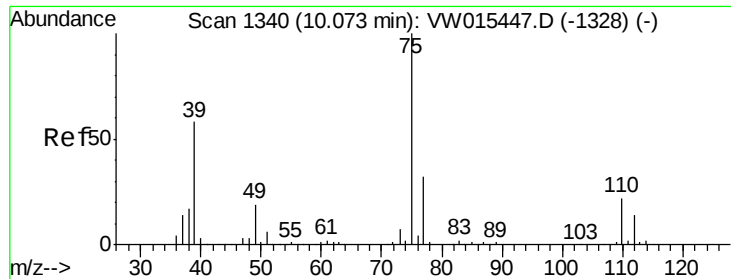
Tot Ion: 43 Resp: 8120
 Ion Ratio Lower Upper
 43 100
 58 29.9 0.0 57.0



#34
 Benzene
 Concen: 0.585 ug/L
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VW015455.D
 Acq: 22 May 2020 16:39

Tgt Ion: 78 Resp: 10736

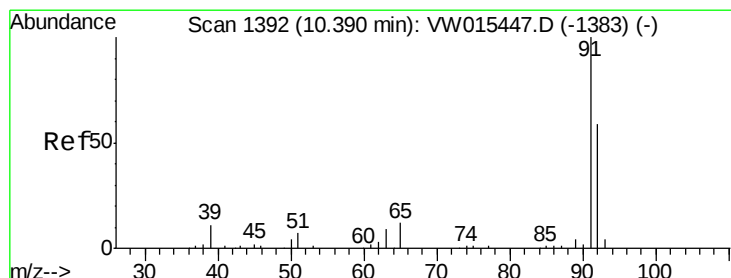
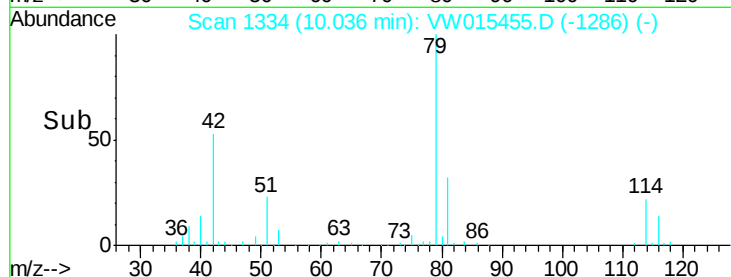
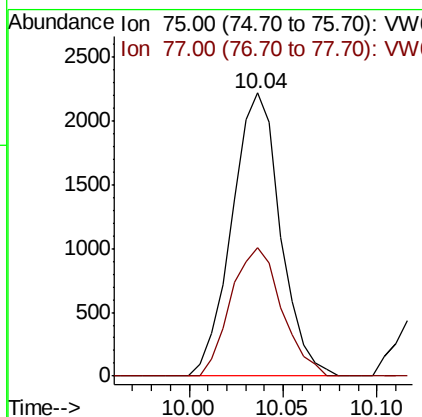
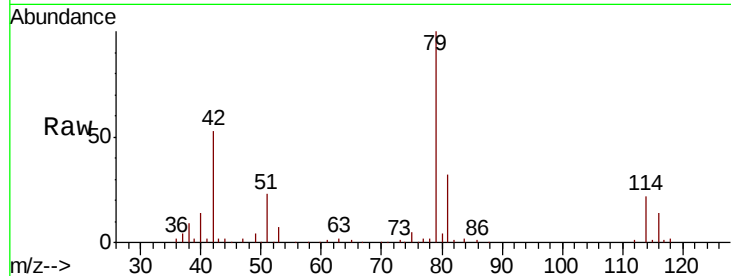




#42
 cis-1,3-Dichloropropene
 Concen: 0.535 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015455.D
 Acq: 22 May 2020 16:39

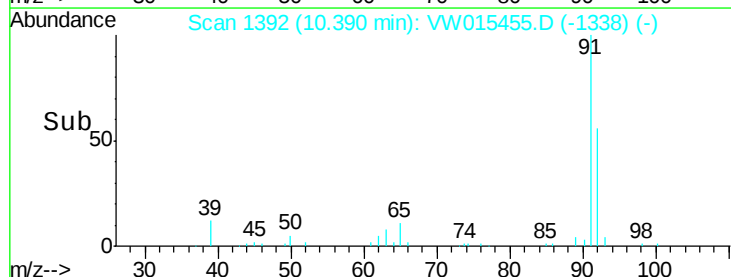
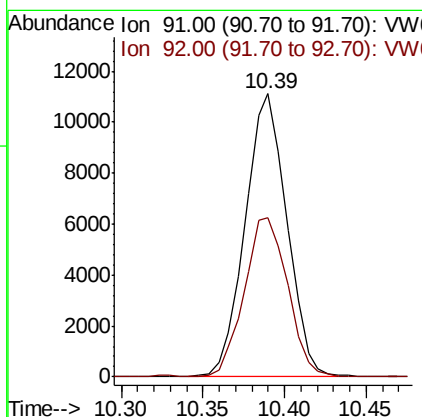
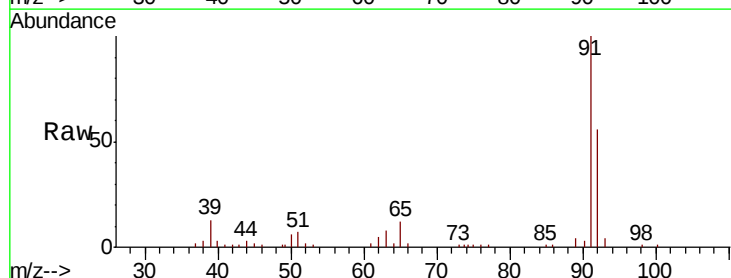
Instrument :
 MSVOA_W
 ClientSampleId :

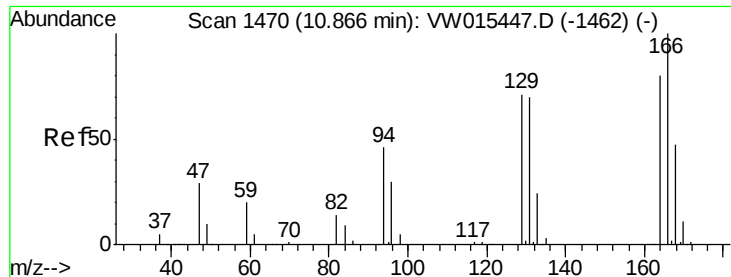
Tot Ion: 75 Resp: 3964
 Ion Ratio Lower Upper
 75 100
 77 45.6 22.4 41.6#



#44
 Toluene
 Concen: 0.985 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW015455.D
 Acq: 22 May 2020 16:39

Tgt Ion: 91 Resp: 19772
 Ion Ratio Lower Upper
 91 100
 92 56.1 39.8 74.0

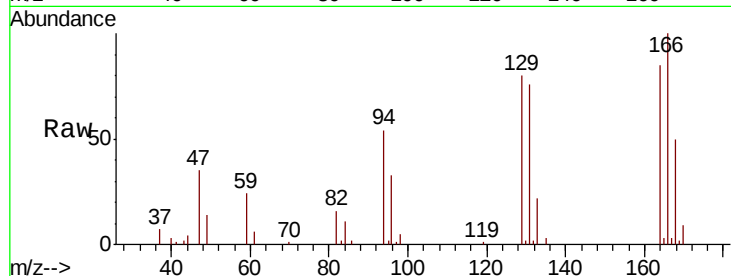




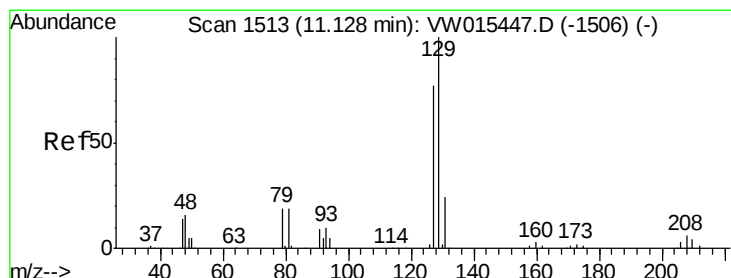
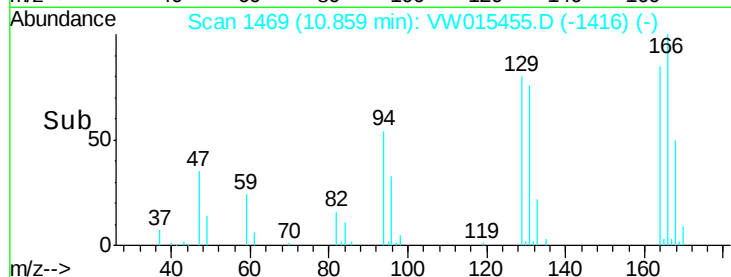
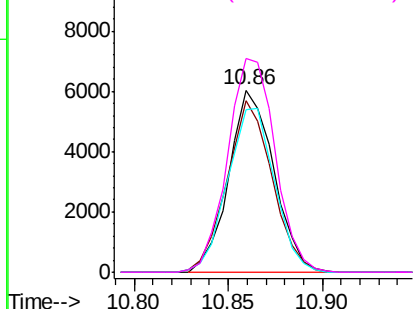
#47
Tetrachloroethene
Concen: 2.714 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW015455.D
Acq: 22 May 2020 16:39

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:164 Resp: 10021
Ion Ratio Lower Upper
164 100
129 94.2 65.8 122.2
131 89.0 63.7 118.3
166 121.4 88.8 165.0

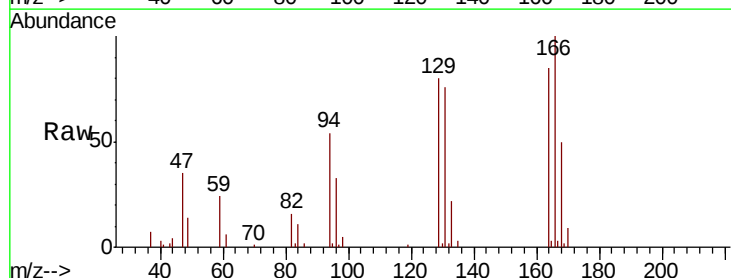


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

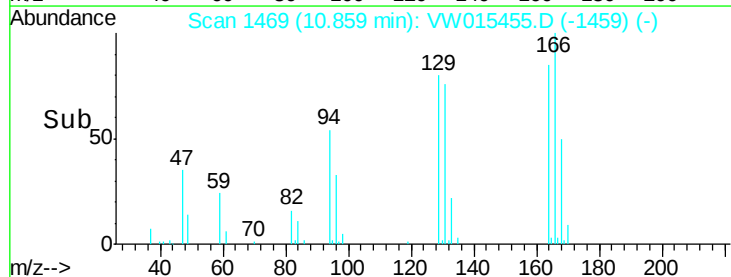
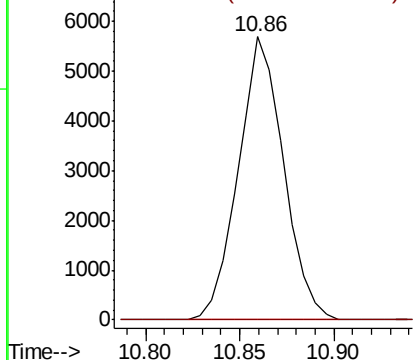


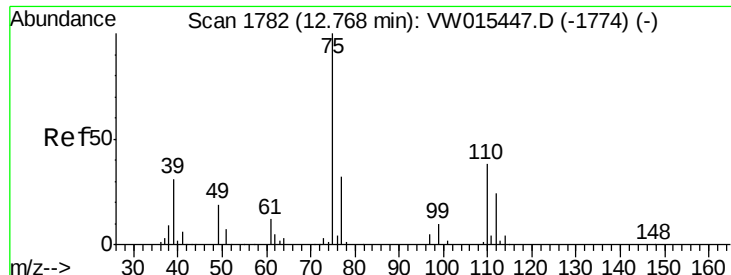
#50
Dibromochloromethane
Concen: 2.429 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW015455.D
Acq: 22 May 2020 16:39

Tgt Ion:129 Resp: 9454
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.785 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015455.D

Acq: 22 May 2020 16:39

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 16817

Ion Ratio Lower Upper

75 100

77 38.5 25.9 38.9

