

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040720\
 Data File : VW015161.D
 Acq On : 07 Apr 2020 15:58
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 06:12:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 08 06:10:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	653979	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	603255	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	235810	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	240589	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.20%
7) Chloroethane-d5	2.89	69	219257	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
10) 1,1-Dichloroethene-d2	4.02	63	369604	16.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.12%
20) 2-Butanone-d5	7.08	46	113309	44.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.16%
24) Chloroform-d	7.65	84	454916	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.30	65	274026	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
29) Benzene-d6	8.27	84	890525	23.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.28%
33) 1,2-Dichloropropane-d6	9.27	67	295739	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
37) Toluene-d8	10.32	98	776427	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.36%
38) trans-1,3-Dichloropropene-	10.58	79	103460	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.32%
39) 2-Hexanone-d5	10.93	63	76801	40.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	184144	20.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	199795	24.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.40%

Target Compounds

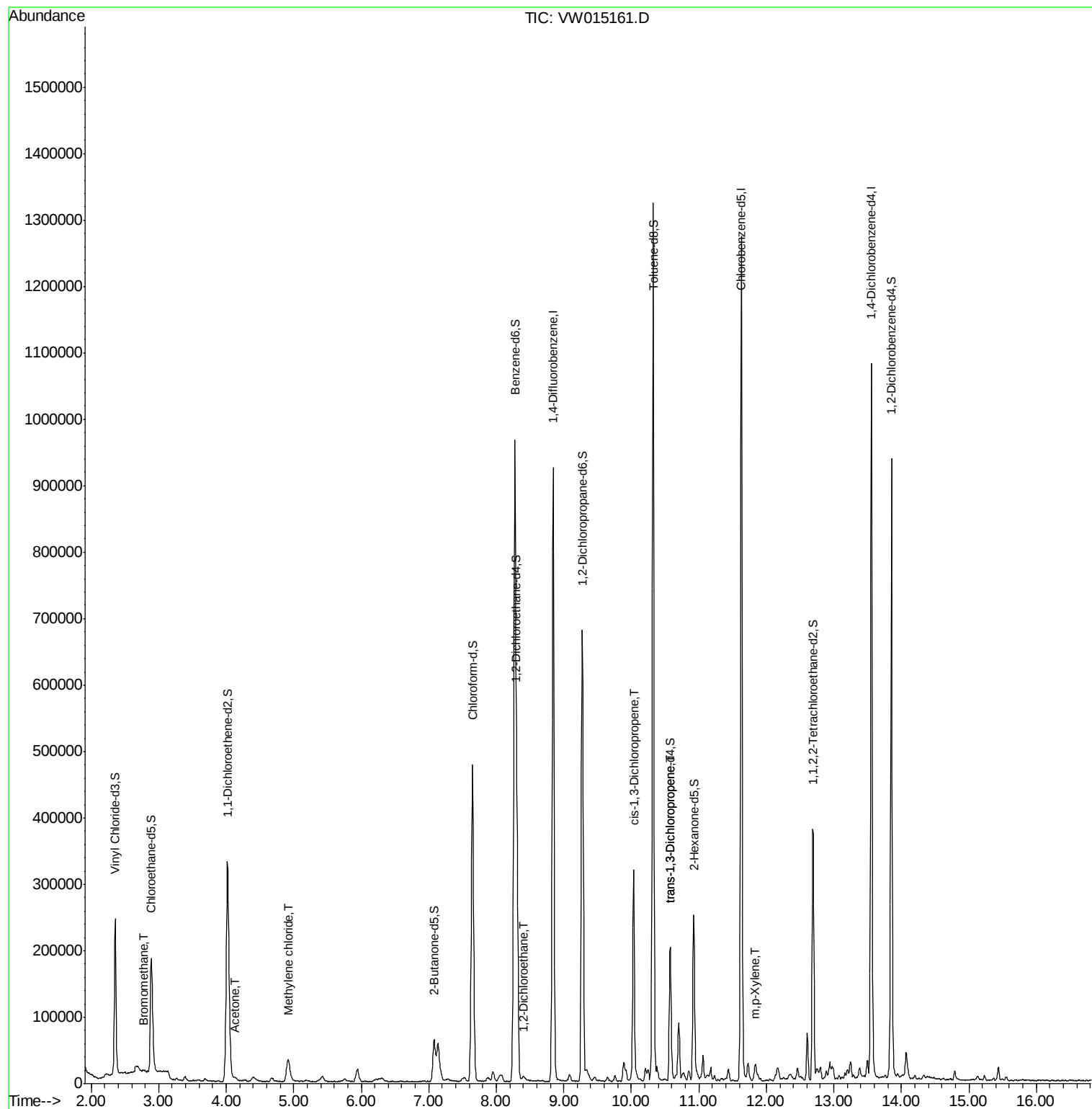
					Ovalue
6) Bromomethane	2.78	94	1938	0.268 ug/L	71
13) Acetone	4.13	43	6822	2.973 ug/L	91
16) Methylene chloride	4.92	84	23606	2.112 ug/L	93
27) 1,2-Dichloroethane	8.40	62	4023	0.287 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	9622	0.595 ug/L #	73
45) trans-1,3-Dichloropropene	10.57	75	8191	0.579 ug/L	88
54) m,p-Xylene	11.84	106	6877	0.412 ug/L	98

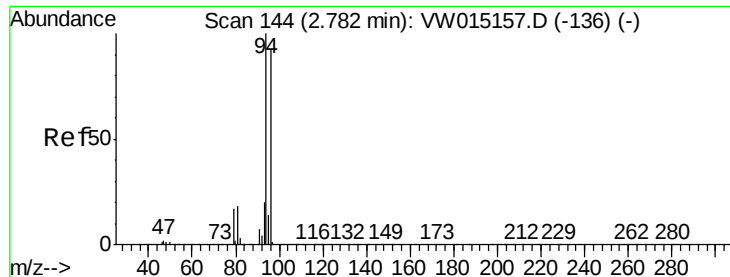
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 08 06:10:31 2020
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.268 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015161.D

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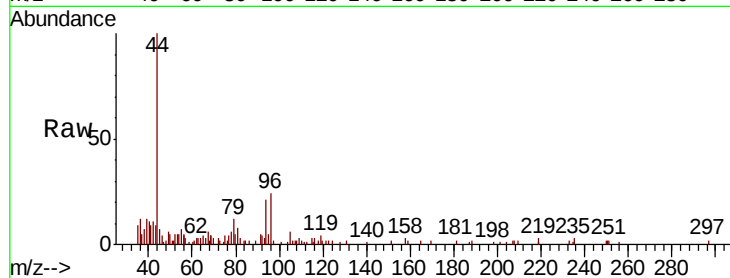
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 1938

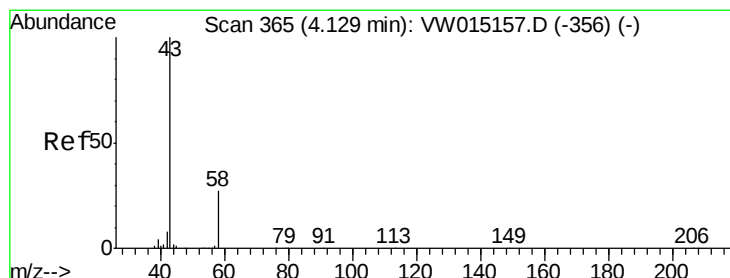
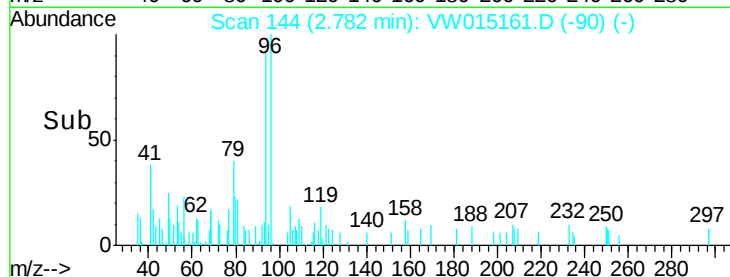
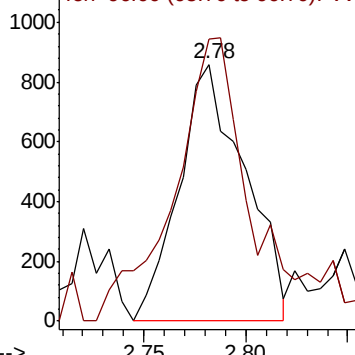
Ion Ratio Lower Upper

94 100

96 120.7 9.3 177.3



Abundance Ion 94.00 (93.70 to 94.70): VW
Ion 96.00 (95.70 to 96.70): VW



#13

Acetone

Concen: 2.973 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015161.D

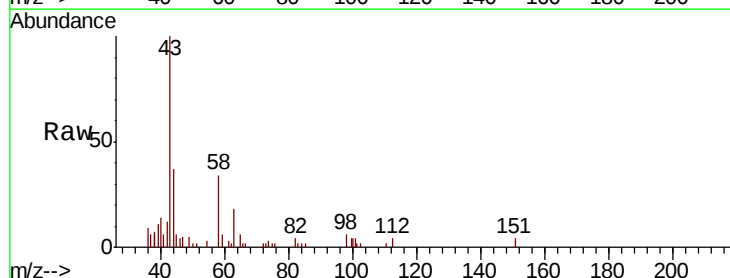
Acq: 07 Apr 2020 15:58

Tgt Ion: 43 Resp: 6822

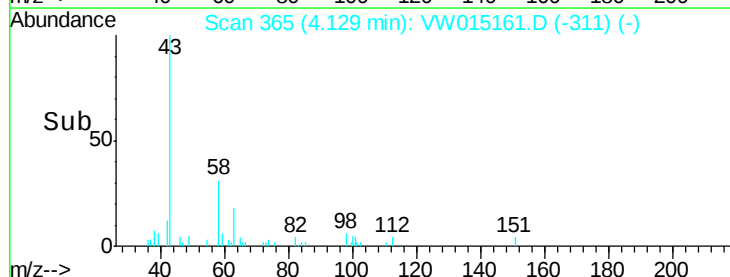
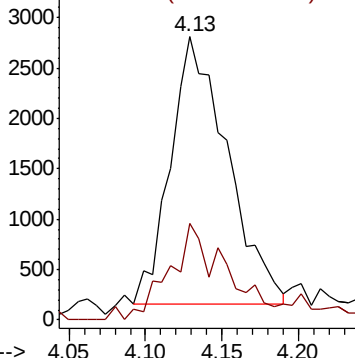
Ion Ratio Lower Upper

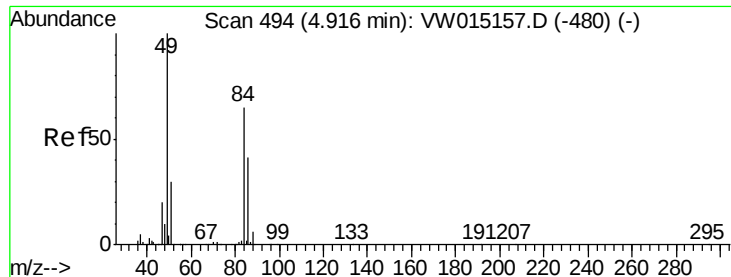
43 100

58 22.3 0.0 54.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

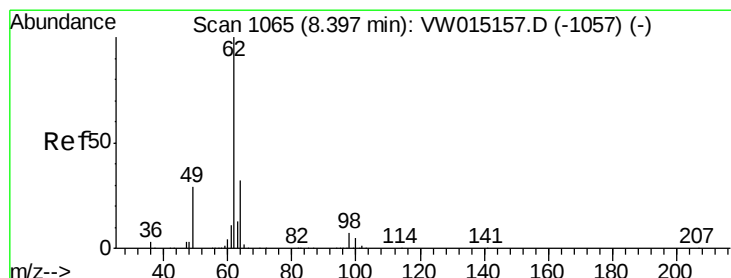
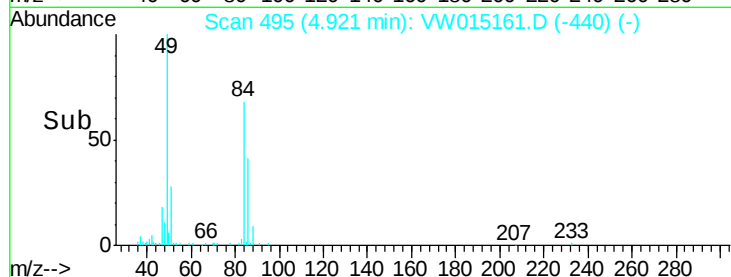
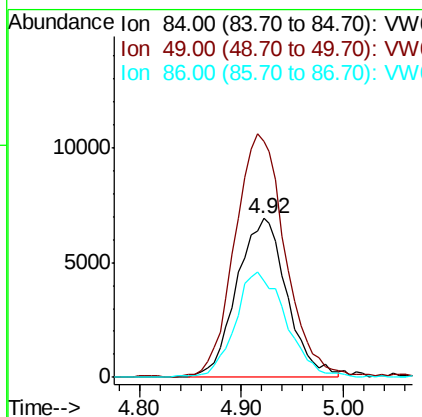
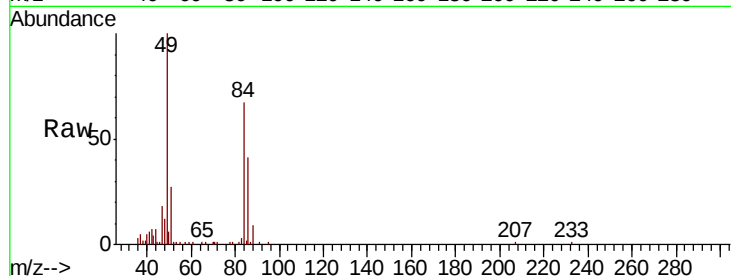




#16
Methylene chloride
Concen: 2.112 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015161.D
Acq: 07 Apr 2020 15:58

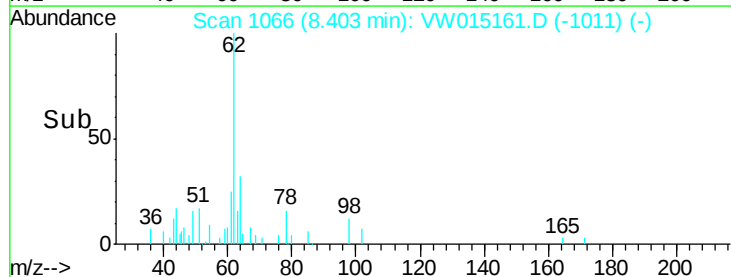
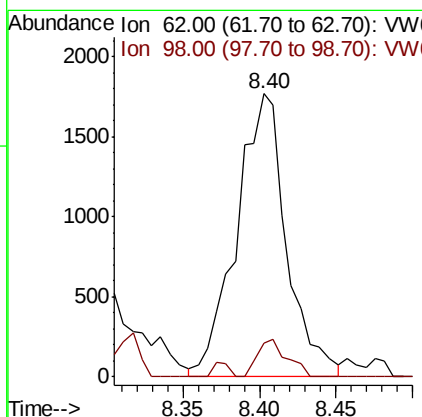
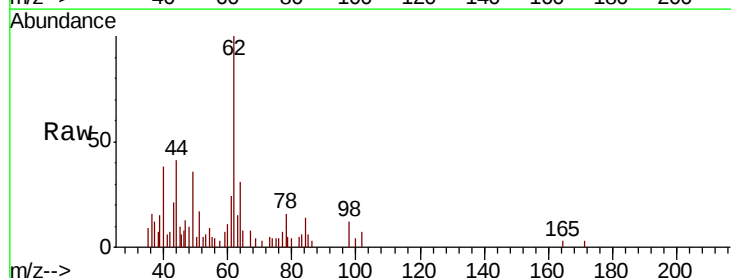
Instrument :
MSVOA_W
ClientSampled :

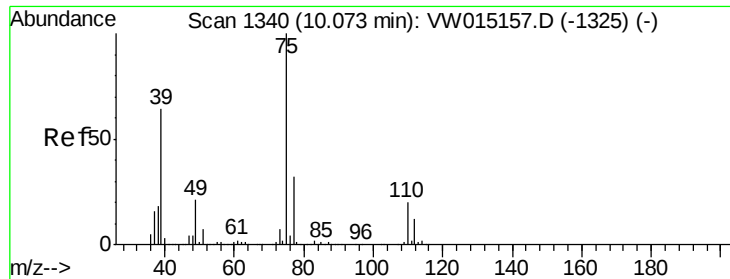
Tot Ion: 84 Resp: 23606
Ion Ratio Lower Upper
84 100
49 148.4 111.7 207.5
86 60.9 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.287 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW015161.D
Acq: 07 Apr 2020 15:58

Tgt Ion: 62 Resp: 4023
Ion Ratio Lower Upper
62 100
98 12.1 6.2 9.4#





#42

cis-1,3-Dichloropropene

Concen: 0.595 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015161.D

Acq: 07 Apr 2020 15:58

Instrument :

MSVOA_W

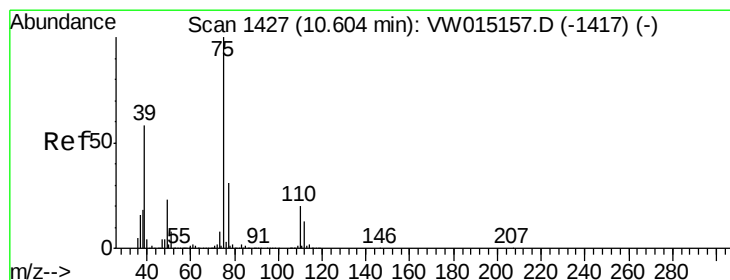
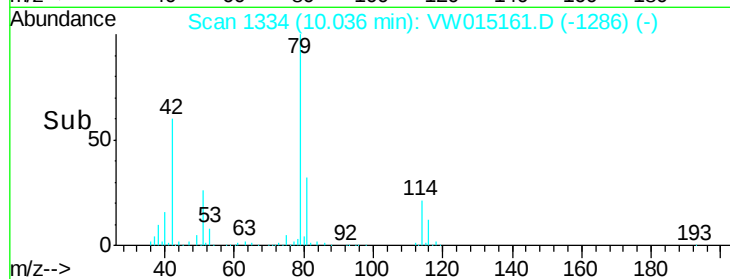
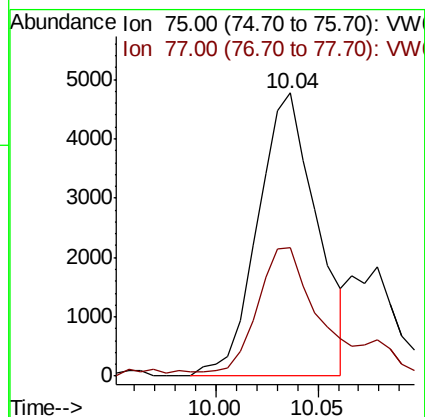
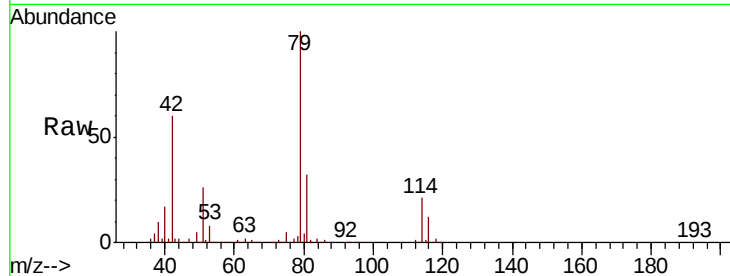
ClientSampleId :

Tot Ion: 75 Resp: 9622

Ion Ratio Lower Upper

75 100

77 45.6 21.4 39.8#



#45

trans-1,3-Dichloropropene

Concen: 0.579 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW015161.D

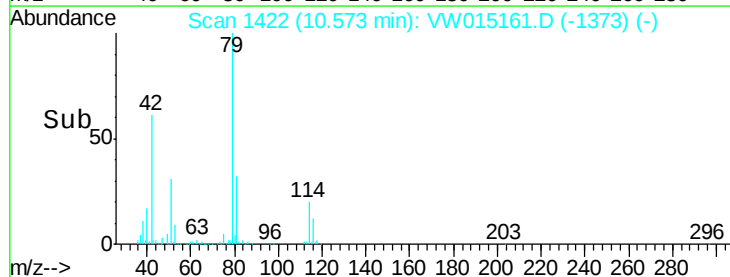
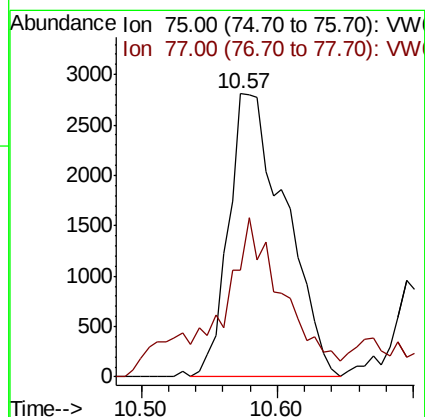
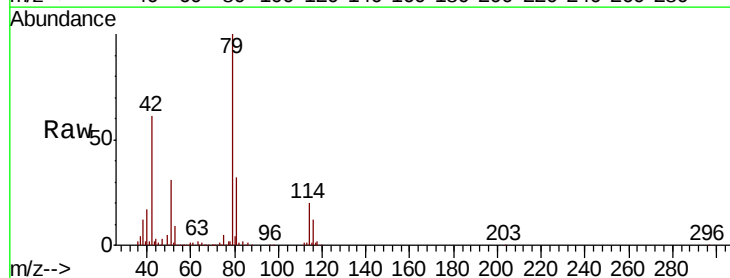
Acq: 07 Apr 2020 15:58

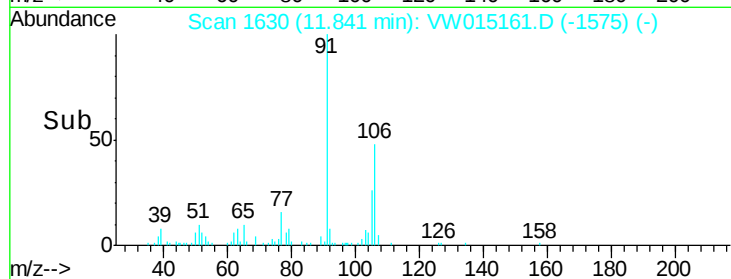
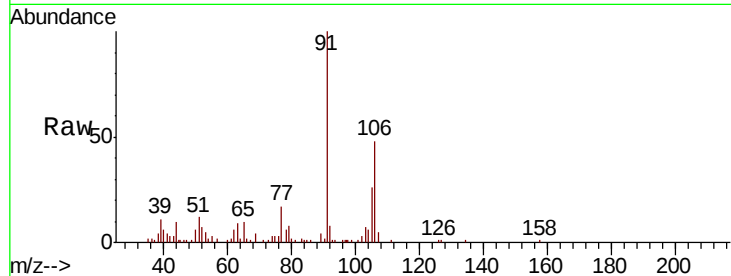
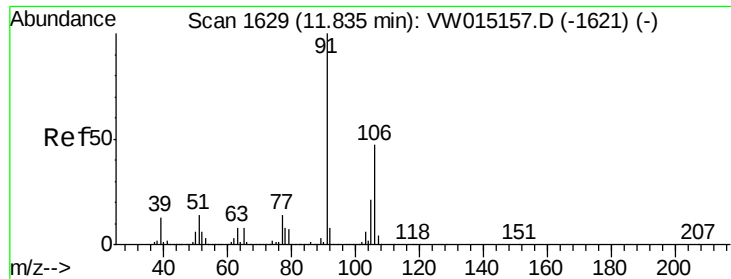
Tgt Ion: 75 Resp: 8191

Ion Ratio Lower Upper

75 100

77 37.7 21.8 40.4





#54

m,p-Xylene

Concen: 0.412 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW015161.D

Acq: 07 Apr 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:106 Resp: 6877

Ion Ratio Lower Upper

106 100

91 208.1 147.3 273.6

