

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015895.D
 Acq On : 21 Jul 2020 18:32
 Operator : SY/VA
 Sample : L3348-04
 Misc : 6.61G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY8MSD

Quant Time: Jul 22 06:28:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 06:22:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	466256	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	436482	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196071	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	154411	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.88%
7) Chloroethane-d5	2.89	69	117932	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
10) 1,1-Dichloroethene-d2	4.01	63	292989	22.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.12%
20) 2-Butanone-d5	7.08	46	81828	47.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.70%
24) Chloroform-d	7.65	84	279831	21.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.48%
26) 1,2-Dichloroethane-d4	8.31	65	162939	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.68%
29) Benzene-d6	8.27	84	573159	21.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.28%
33) 1,2-Dichloropropane-d6	9.27	67	171416	21.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.08%
37) Toluene-d8	10.33	98	518123	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.12%
38) trans-1,3-Dichloropropene-	10.58	79	73323	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.40%
39) 2-Hexanone-d5	10.93	63	64678	48.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140544	22.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	172531	22.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.28%

Target Compounds

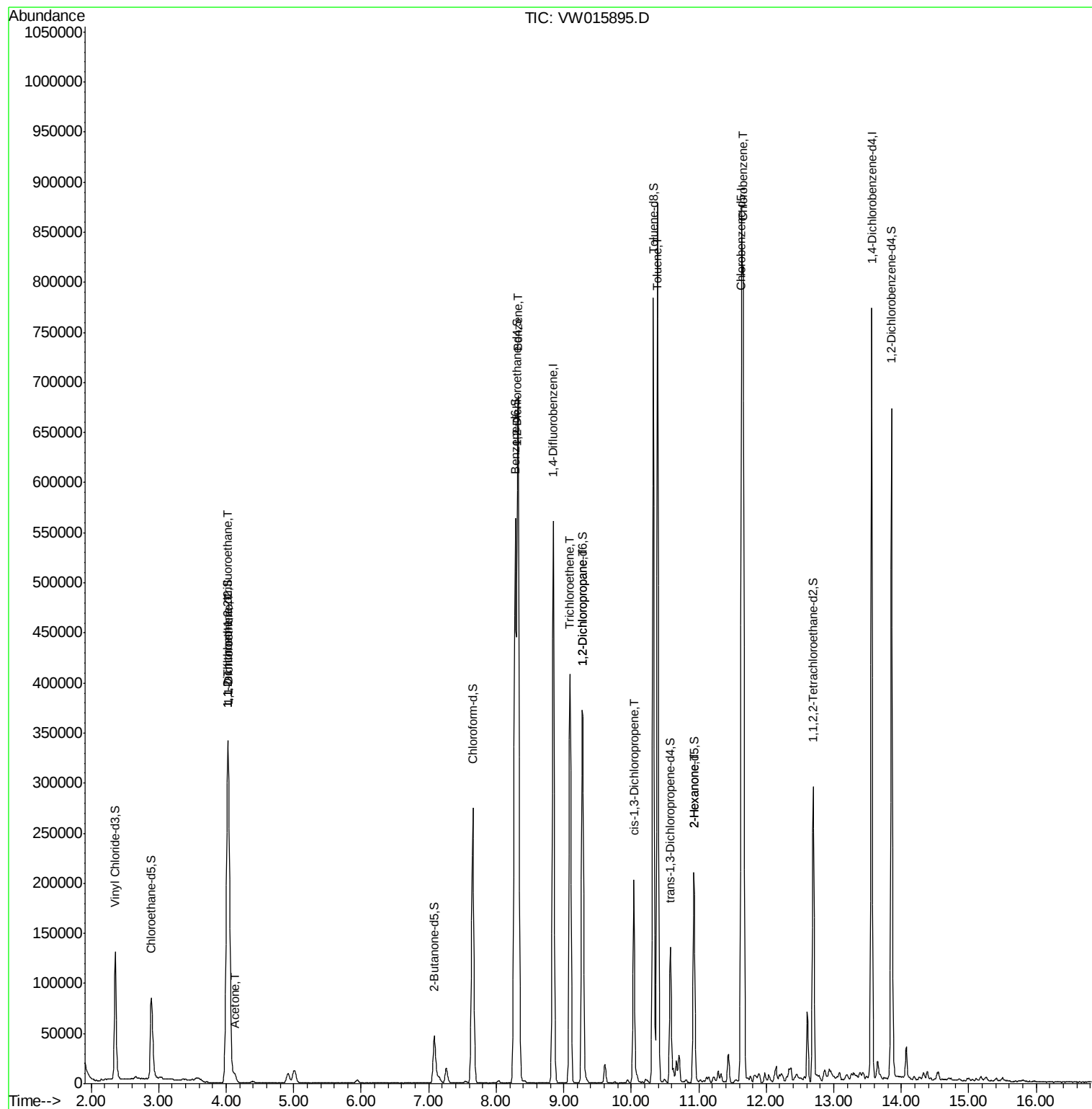
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	2352	0.389	ug/L #	20
12) 1,1-Dichloroethene	4.04	96	124500	20.772	ug/L	91
13) Acetone	4.13	43	11981	8.255	ug/L	98
34) Benzene	8.32	78	580601	21.901	ug/L	100
35) Trichloroethene	9.09	95	146904	20.948	ug/L	98
40) 1,2-Dichloropropane	9.28	63	19763	3.009	ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	5021	0.502	ug/L #	63
44) Toluene	10.39	91	629561	22.643	ug/L	98
49) 2-Hexanone	10.93	43	14694	5.402	ug/L #	50
52) Chlorobenzene	11.66	112	392152	22.011	ug/L	99

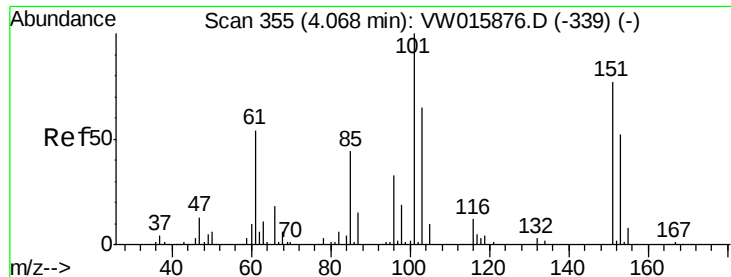
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072120\
Data File : VW015895.D
Acq On : 21 Jul 2020 18:32
Operator : SY/VA
Sample : L3348-04
Misc : 6.61G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAXY8MSD

Quant Time: Jul 22 06:28:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 22 06:22:59 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.389 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW015895.D

Acq: 21 Jul 2020 18:32

Instrument :

MSVOA_W

ClientSampleId :

GAXY8MSD

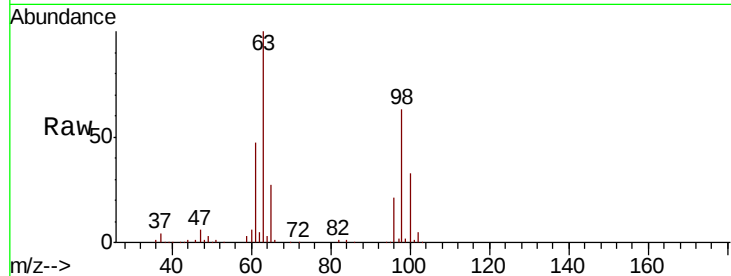
Tot Ion:101 Resp: 2352

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

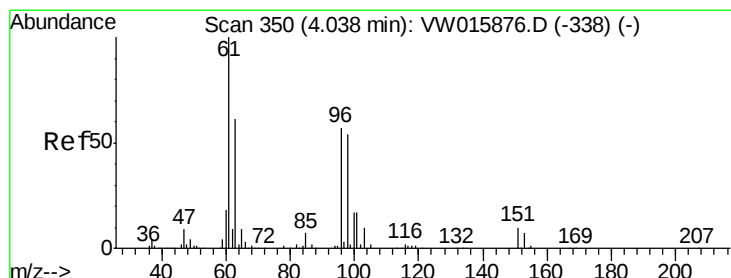
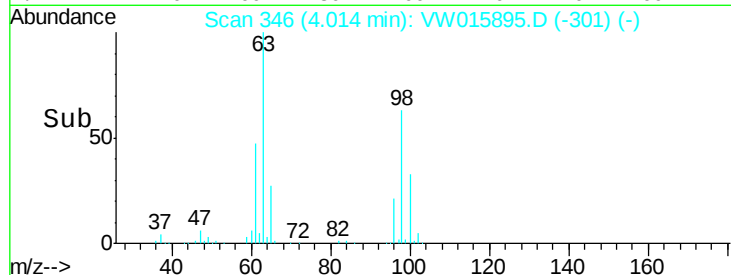
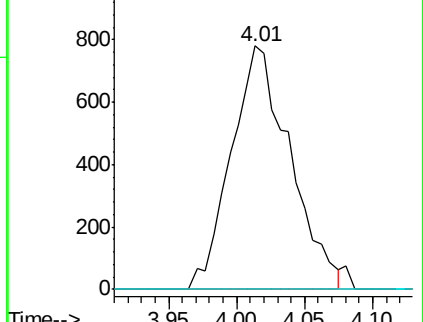
151 0.0 58.4 87.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 20.772 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015895.D

Acq: 21 Jul 2020 18:32

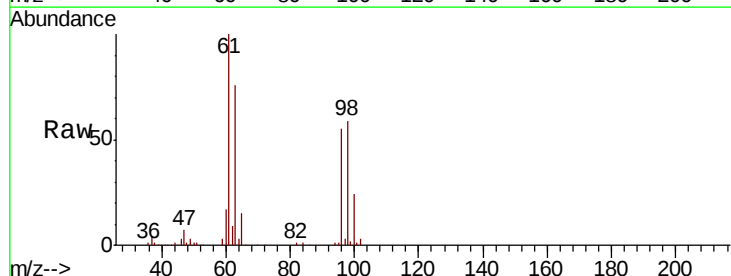
Tgt Ion: 96 Resp: 124500

Ion Ratio Lower Upper

96 100

61 181.2 125.0 232.2

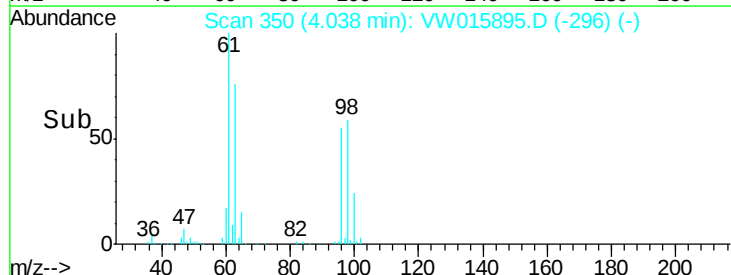
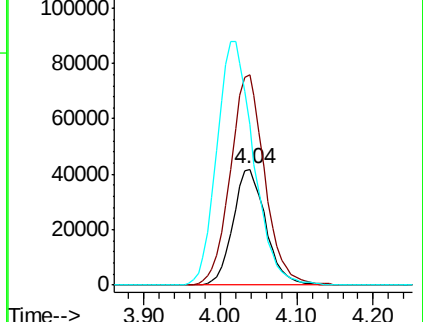
63 138.5 82.3 152.8

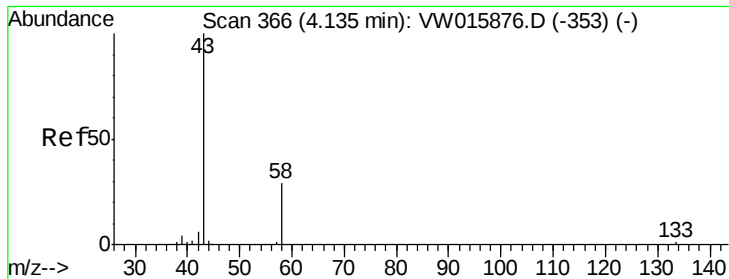


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 8.255 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW015895.D

Acq: 21 Jul 2020 18:32

Instrument :

MSVOA_W

ClientSampleId :

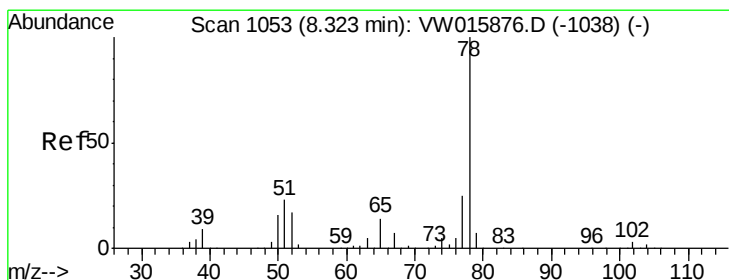
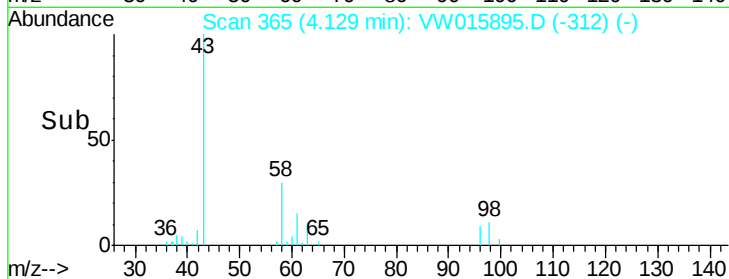
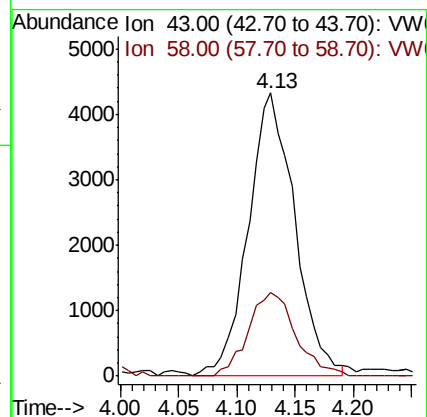
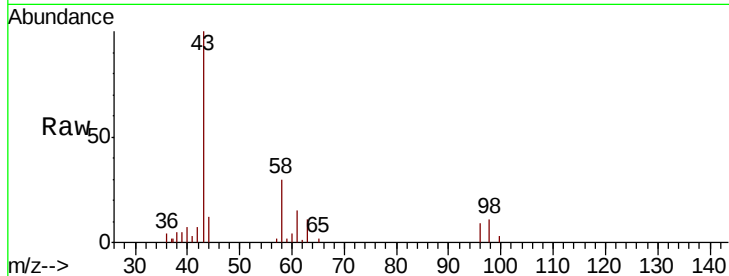
GAXY8MSD

Tot Ion: 43 Resp: 11981

Ion Ratio Lower Upper

43 100

58 30.2 0.0 58.2



#34

Benzene

Concen: 21.901 ug/L

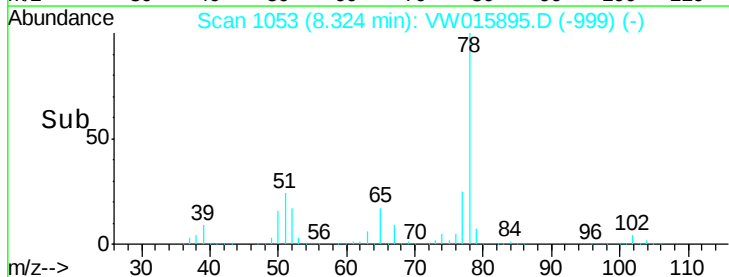
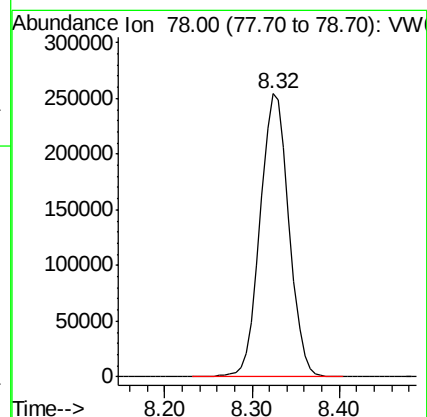
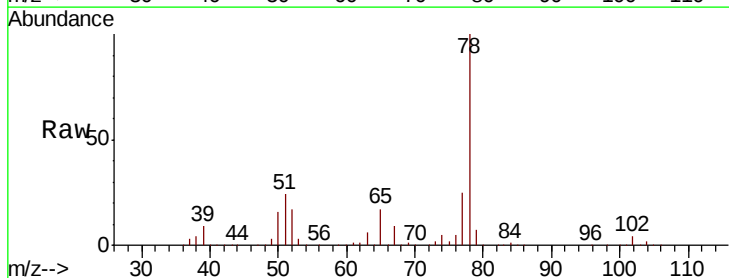
RT: 8.32 min Scan# 1053

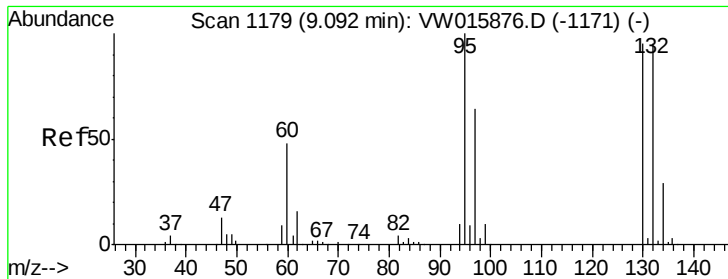
Delta R.T. 0.00 min

Lab File: VW015895.D

Acq: 21 Jul 2020 18:32

Tgt Ion: 78 Resp: 580601





#35

Trichloroethene

Concen: 20.948 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015895.D

Acq: 21 Jul 2020 18:32

Instrument :

MSVOA_W

ClientSampleId :

GAXY8MSD

Tot Ion: 95 Resp: 146904

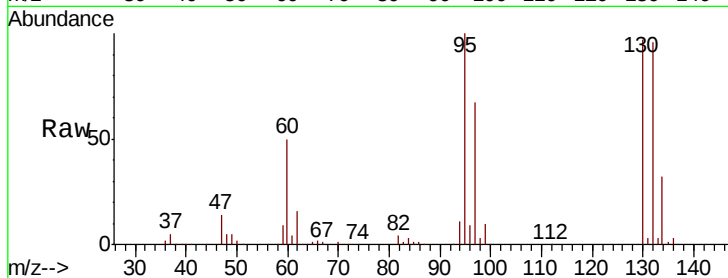
Ion Ratio Lower Upper

95 100

97 65.0 44.4 82.4

132 96.0 65.1 120.9

130 98.5 68.6 127.4

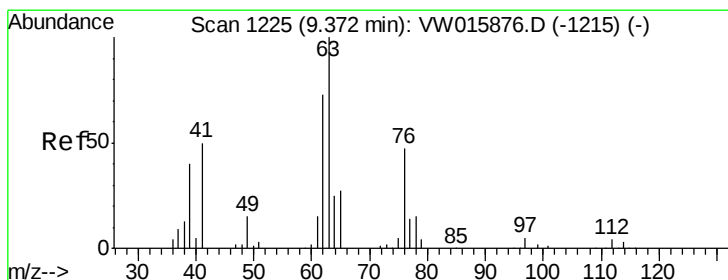
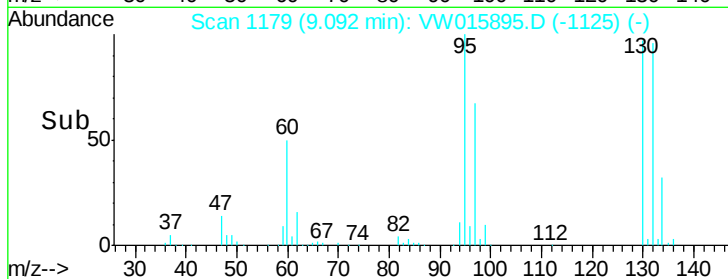
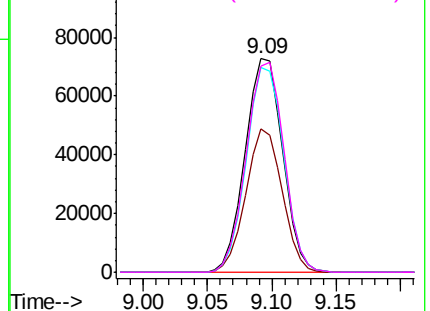


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.009 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015895.D

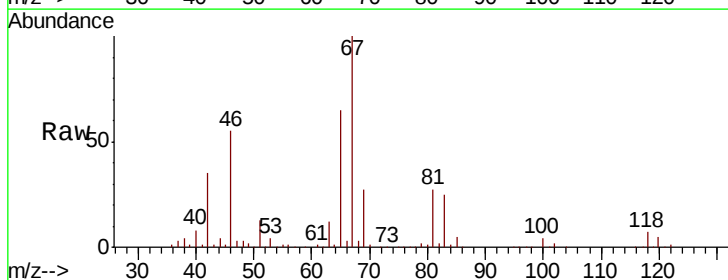
Acq: 21 Jul 2020 18:32

Tgt Ion: 63 Resp: 19763

Ion Ratio Lower Upper

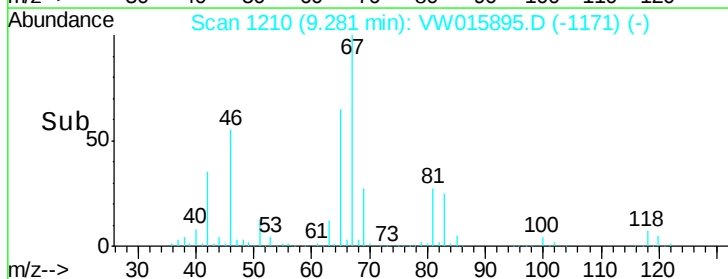
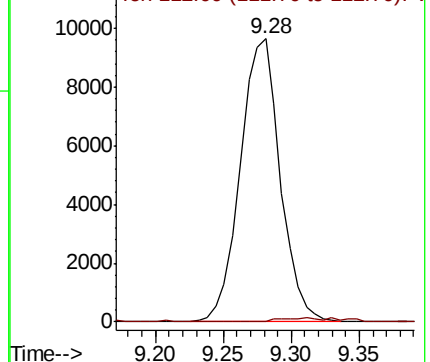
63 100

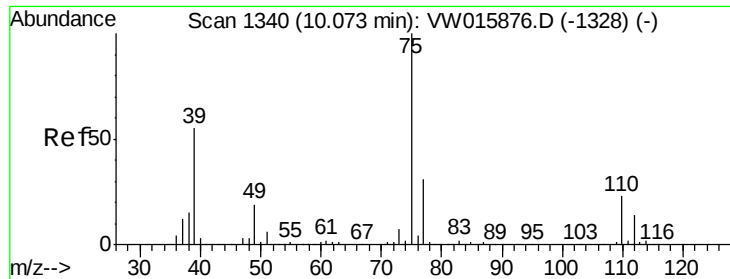
112 0.7 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

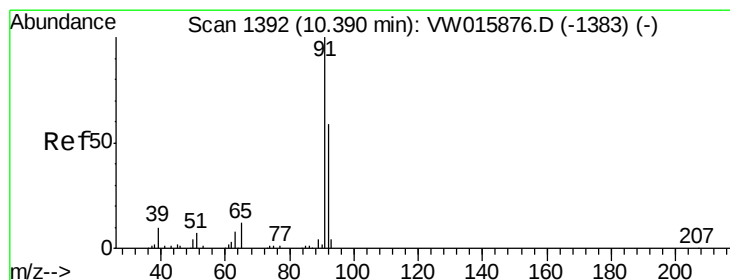
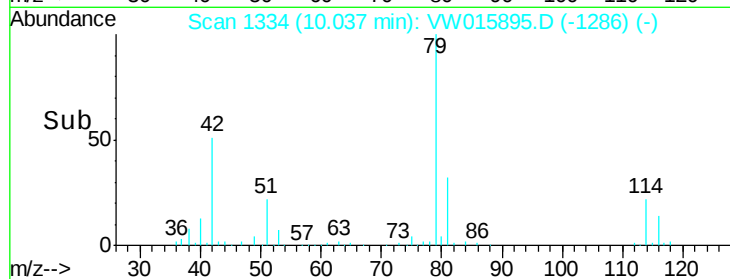
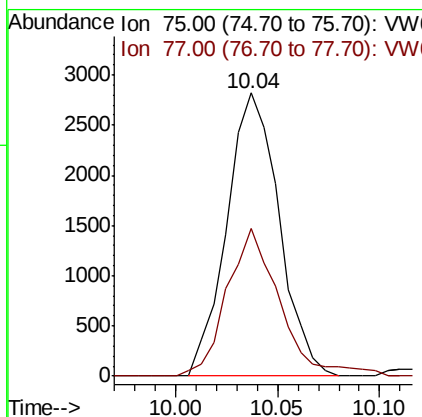
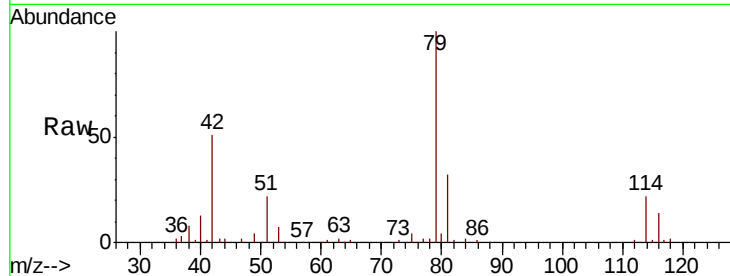




#42
 cis-1,3-Dichloropropene
 Concen: 0.502 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015895.D
 Acq: 21 Jul 2020 18:32

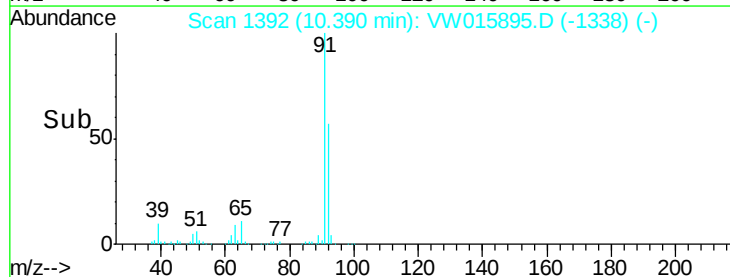
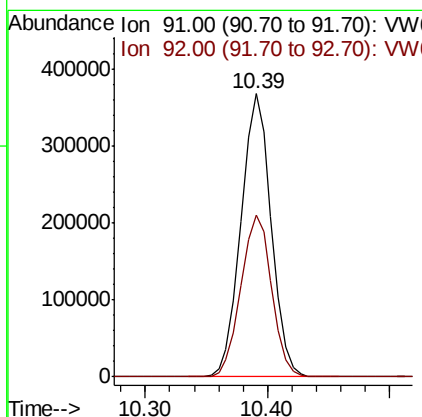
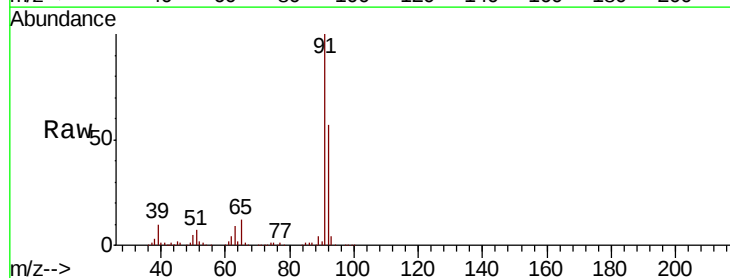
Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY8MSD

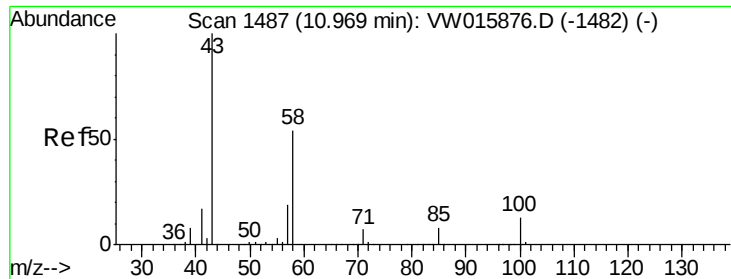
Tot Ion: 75 Resp: 5021
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.2 41.2#



#44
 Toluene
 Concen: 22.643 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW015895.D
 Acq: 21 Jul 2020 18:32

Tgt Ion: 91 Resp: 629561
 Ion Ratio Lower Upper
 91 100
 92 57.0 41.2 76.4

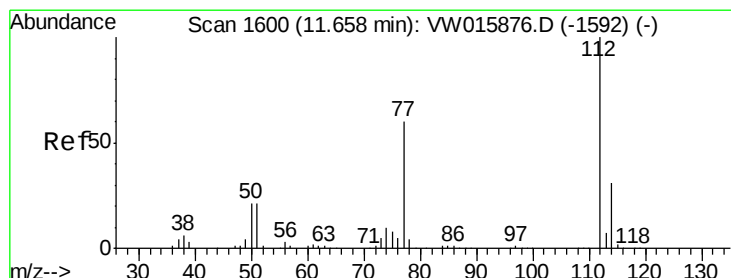
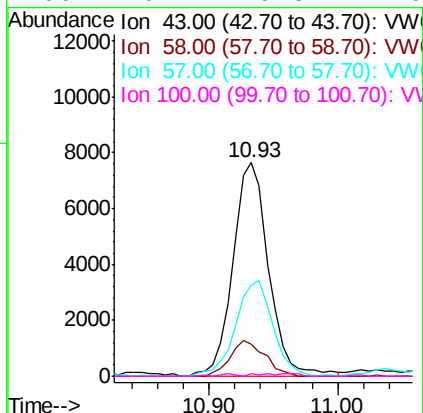
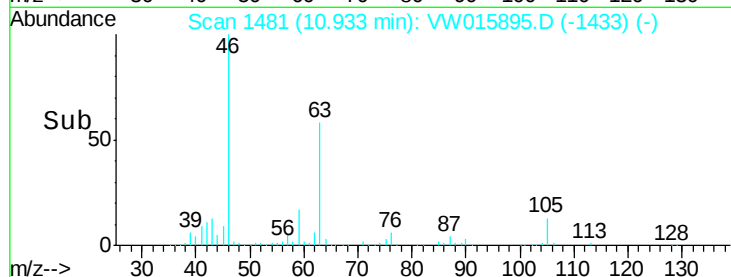
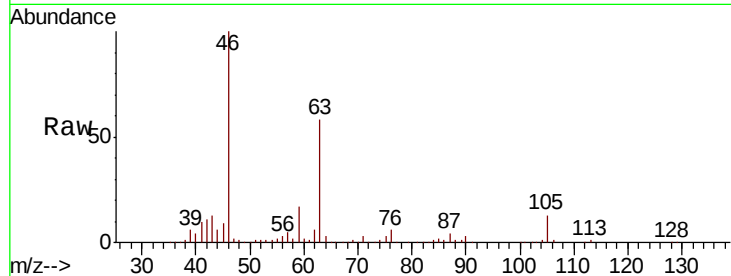




#49
2-Hexanone
Concen: 5.402 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW015895.D
Acq: 21 Jul 2020 18:32

Instrument :
MSVOA_W
ClientSampleId :
GAXY8MSD

Tot Ion: 43 Resp: 14694
Ion Ratio Lower Upper
43 100
58 16.3 42.4 63.6#
57 46.7 15.6 23.4#
100 0.7 9.8 14.6#



#52
Chlorobenzene
Concen: 22.011 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015895.D
Acq: 21 Jul 2020 18:32

Tgt Ion: 112 Resp: 392152
Ion Ratio Lower Upper
112 100
77 60.9 47.8 71.6
114 31.2 22.1 41.1

