

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017292.D
 Acq On : 17 Nov 2020 17:31
 Operator : SY/VA
 Sample : L4738-01
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0

Quant Time: Nov 18 02:17:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	380402	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	348138	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153240	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84155	17.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.24%
7) Chloroethane-d5	2.89	69	73553	19.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.68%
10) 1,1-Dichloroethene-d2	4.02	63	125756	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	7.08	46	57856	54.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.00%
24) Chloroform-d	7.65	84	202239	22.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	8.31	65	114854	26.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.04%
29) Benzene-d6	8.27	84	383919	21.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.64%
33) 1,2-Dichloropropane-d6	9.27	67	111509	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.96%
37) Toluene-d8	10.32	98	355419	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.04%
38) trans-1,3-Dichloropropene-	10.58	79	49482	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.52%
39) 2-Hexanone-d5	10.93	63	48581	56.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115239	26.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	130708	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds

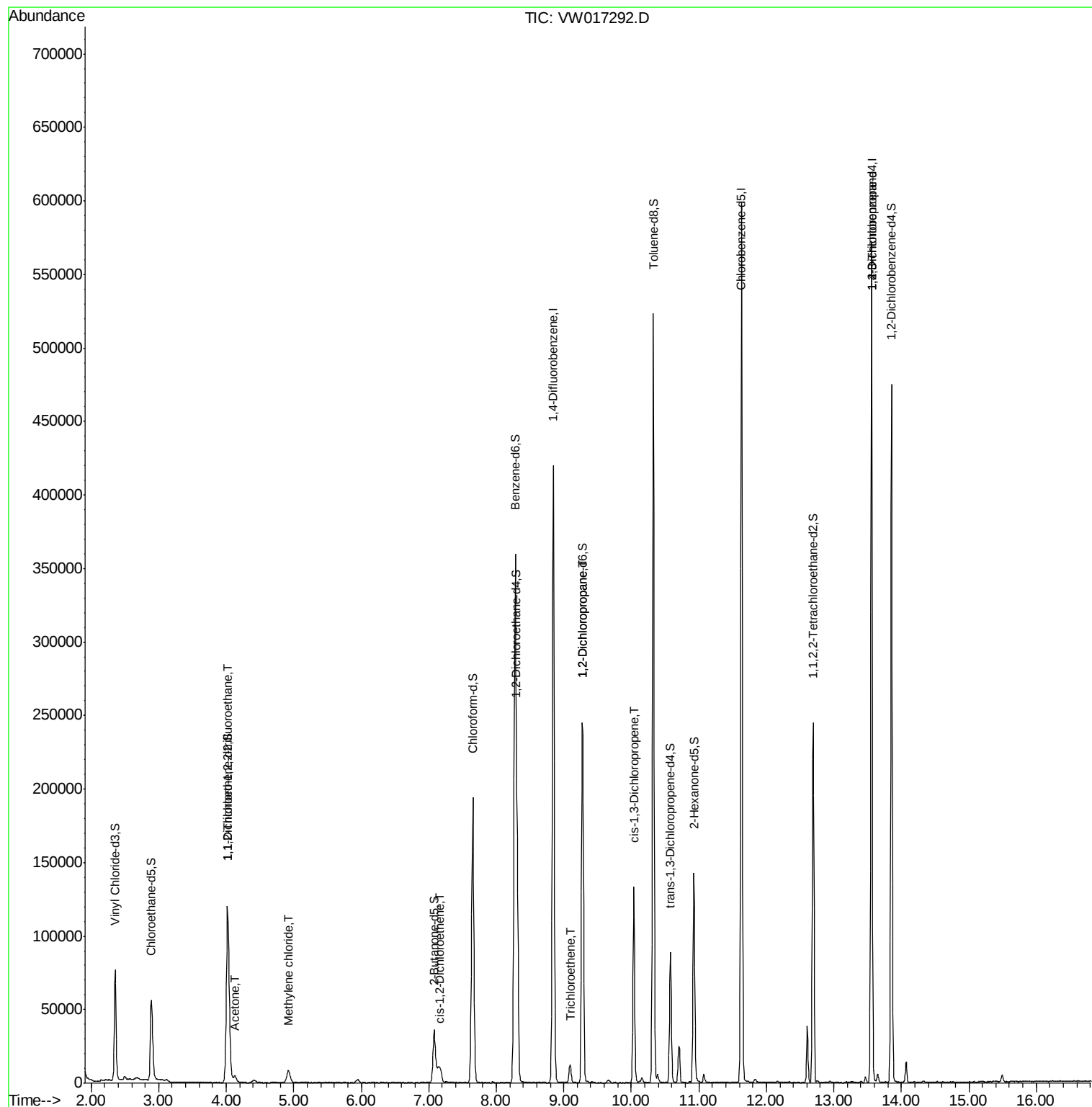
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1437	0.293	ug/L #	17
13) Acetone	4.13	43	8138	11.343	ug/L	67
16) Methylene chloride	4.92	84	7768	1.515	ug/L	87
22) cis-1,2-Dichloroethene	7.17	96	4558	0.882	ug/L	95
35) Trichloroethene	9.09	95	4145	0.809	ug/L	96
40) 1,2-Dichloropropane	9.27	63	13495	3.158	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3793	0.560	ug/L #	70
59) 1,2,3-Trichloropropane	13.55	75	16227	5.304	ug/L	91

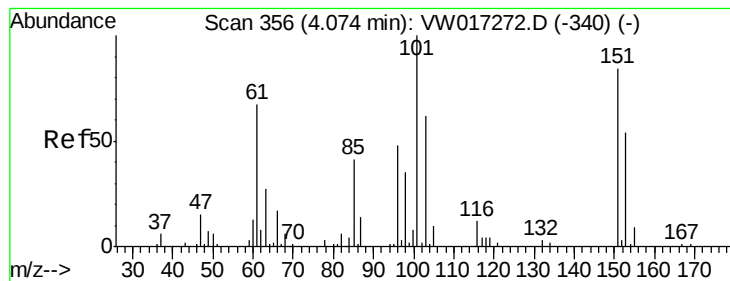
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 18 02:17:43 2020
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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration





#11

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

Concen: 0.293 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017292.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_W

ClientSampleId :

GB0X0

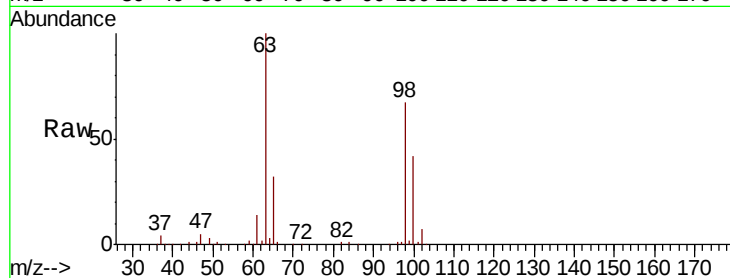
Tot Ion:101 Resp: 1437

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

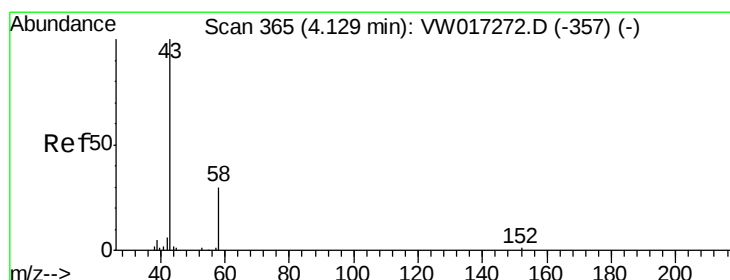
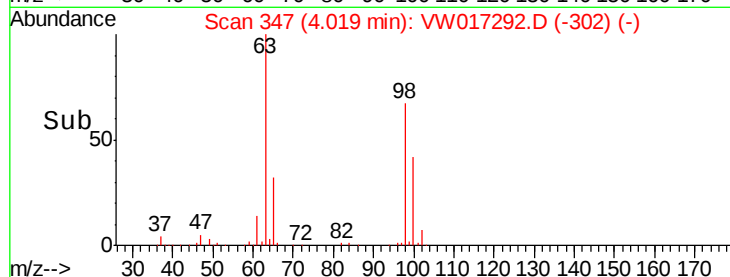
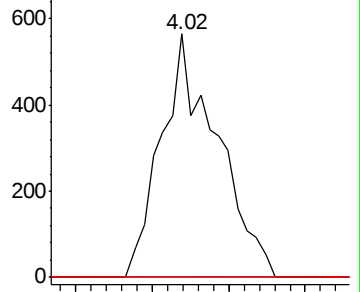
151 0.0 65.4 98.2#



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



#13

Acetone

Concen: 11.343 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017292.D

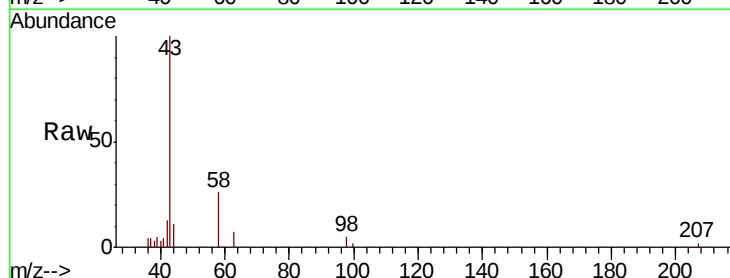
Acq: 17 Nov 2020 17:31

Tgt Ion: 43 Resp: 8138

Ion Ratio Lower Upper

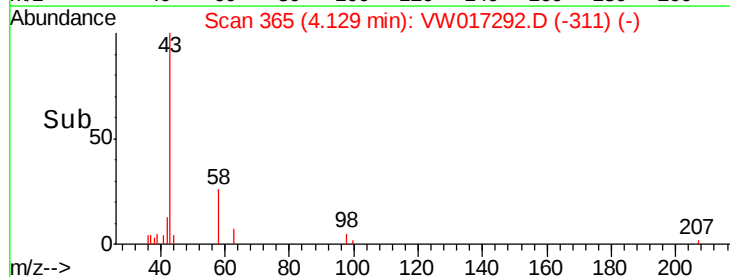
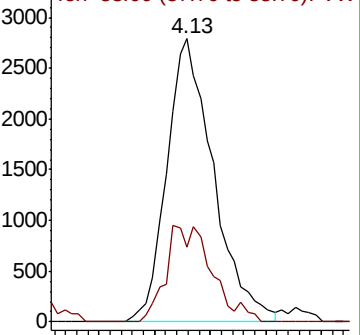
43 100

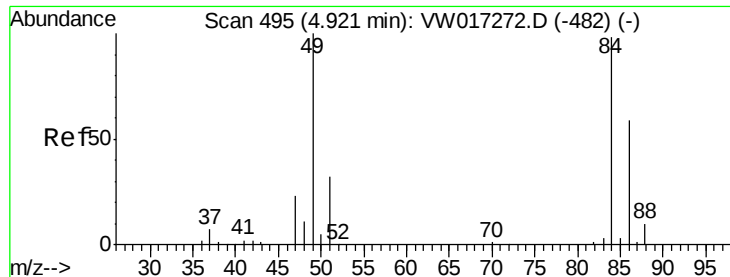
58 15.4 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

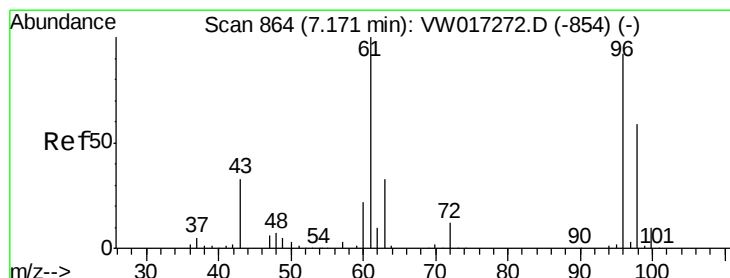
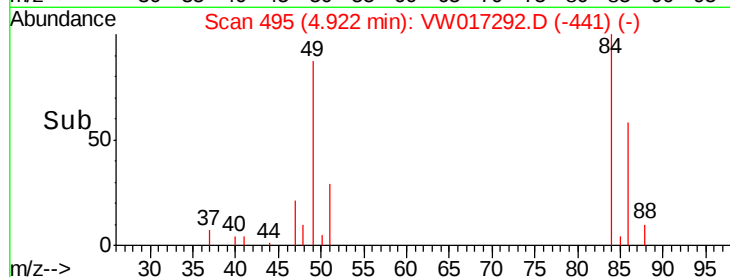
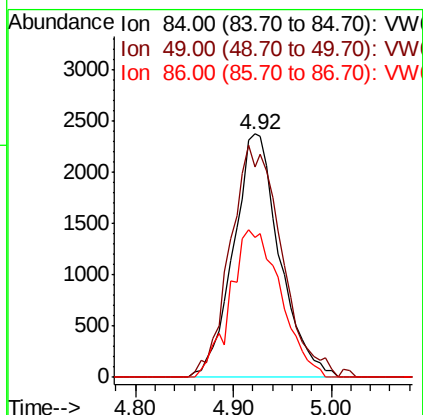
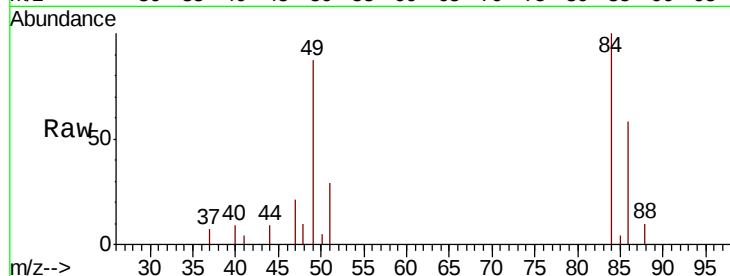




#16
Methylene chloride
Concen: 1.515 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017292.D
Acq: 17 Nov 2020 17:31

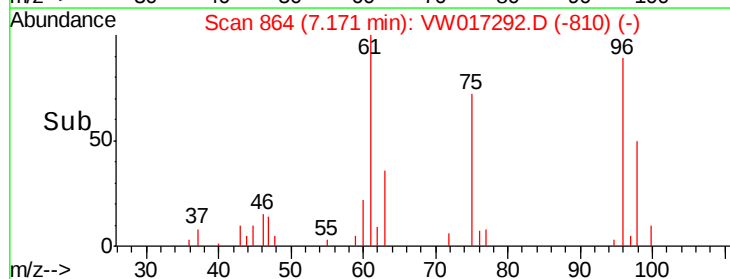
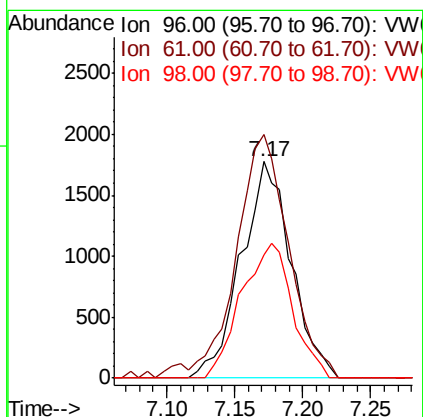
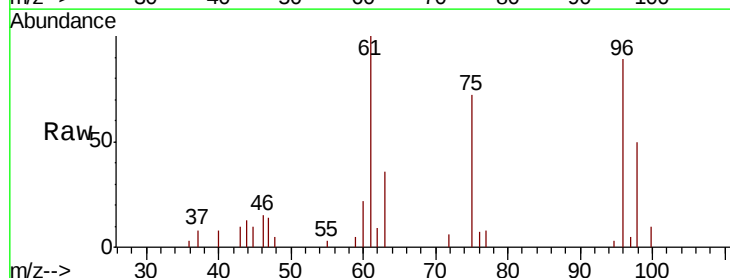
Instrument :
MSVOA_W
ClientSampleId :
GB0X0

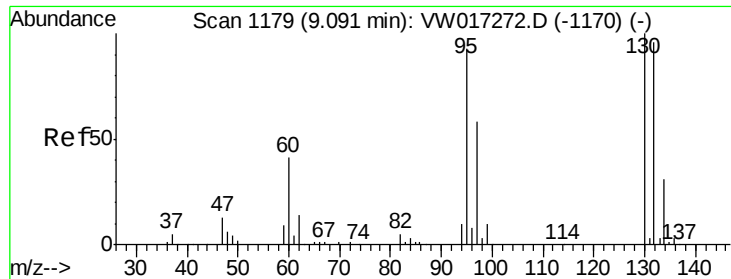
Tot Ion: 84 Resp: 7768
Ion Ratio Lower Upper
84 100
49 86.6 72.3 134.3
86 57.6 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 0.882 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017292.D
Acq: 17 Nov 2020 17:31

Tgt Ion: 96 Resp: 4558
Ion Ratio Lower Upper
96 100
61 112.6 77.4 143.8
98 56.8 45.1 83.7





#35

Trichloroethene

Concen: 0.809 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017292.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_W

ClientSampleId :

GB0X0

Tot Ion: 95 Resp: 4145

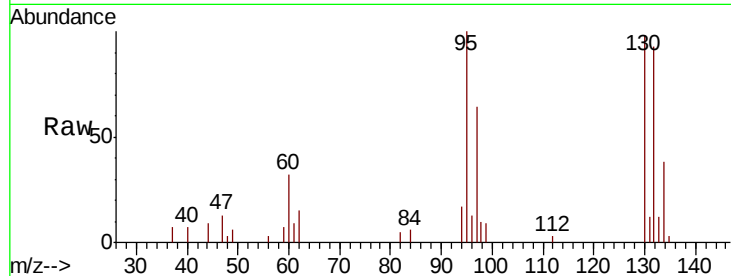
Ion Ratio Lower Upper

95 100

97 64.0 45.0 83.6

132 107.2 73.7 136.9

130 100.2 77.1 143.1

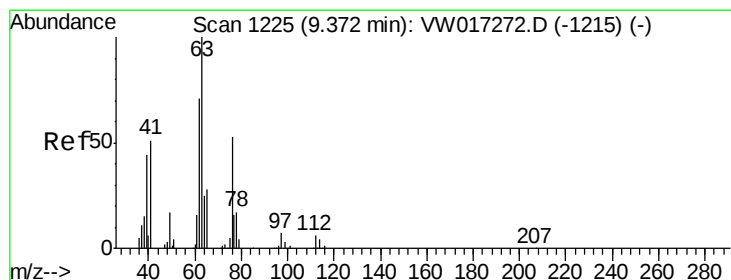
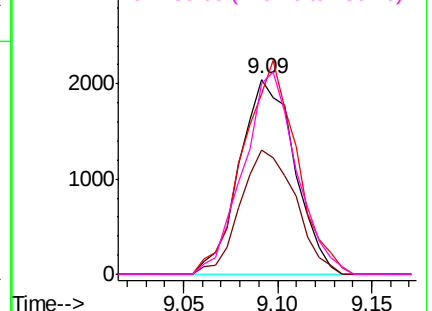
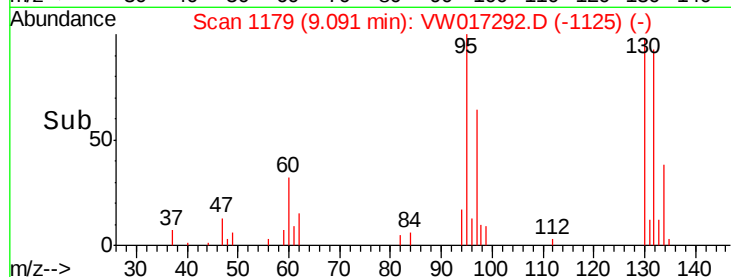


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.158 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017292.D

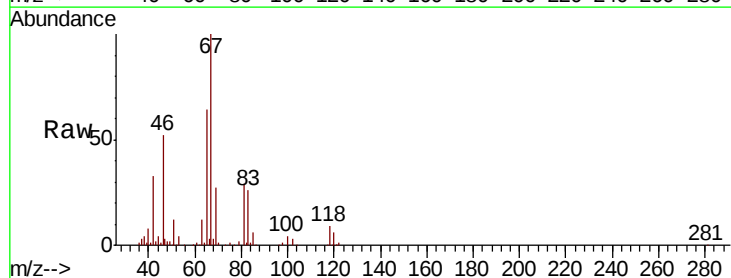
Acq: 17 Nov 2020 17:31

Tgt Ion: 63 Resp: 13495

Ion Ratio Lower Upper

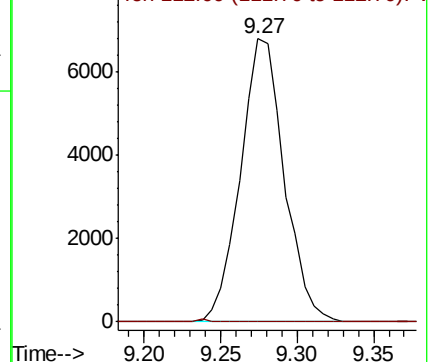
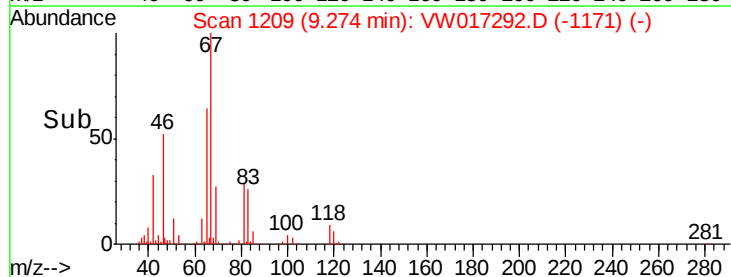
63 100

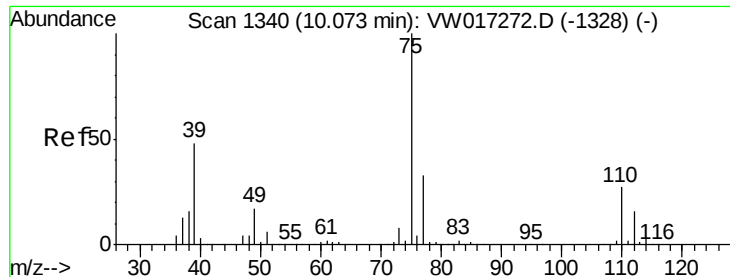
112 0.4 4.2 6.2#



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: 0.560 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017292.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_W

ClientSampleId :

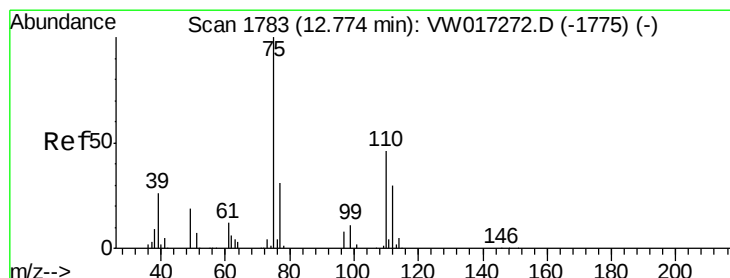
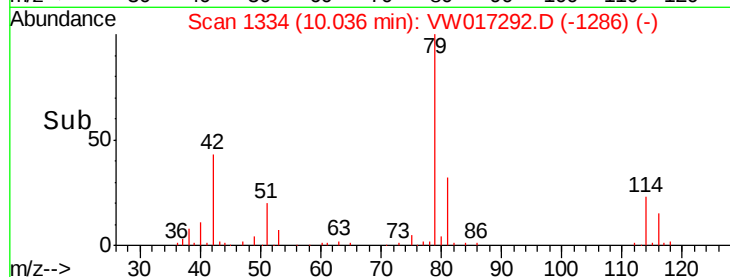
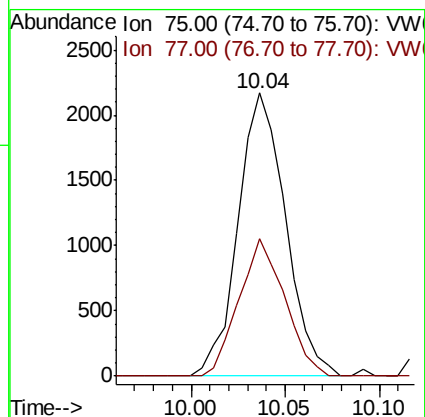
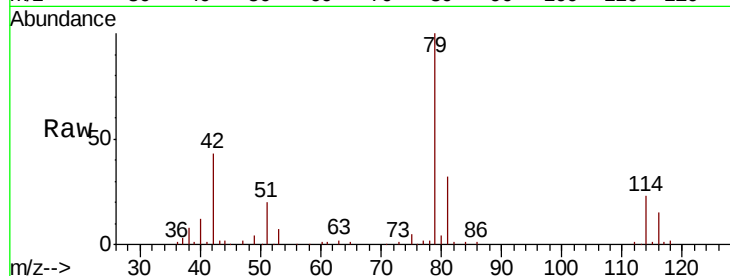
GB0X0

Tot Ion: 75 Resp: 3793

Ion Ratio Lower Upper

75 100

77 48.4 22.0 41.0#



#59

1,2,3-Trichloropropane

Concen: 5.304 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.78 min

Lab File: VW017292.D

Acq: 17 Nov 2020 17:31

Tgt Ion: 75 Resp: 16227

Ion Ratio Lower Upper

75 100

77 38.1 26.4 39.6

