

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017834.D
 Acq On : 12 Jan 2021 14:42
 Operator : SY/VA
 Sample : M1074-18
 Misc : 5.60G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 13 03:22:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	315364	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292380	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132495	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126687	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.84%
7) Chloroethane-d5	2.89	69	103724	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.04%
10) 1,1-Dichloroethene-d2	4.02	63	168573	19.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.32%
20) 2-Butanone-d5	7.07	46	44994	56.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.78%
24) Chloroform-d	7.65	84	214782	26.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.24%
26) 1,2-Dichloroethane-d4	8.31	65	122369	28.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.76%
29) Benzene-d6	8.27	84	427818	25.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.92%
33) 1,2-Dichloropropane-d6	9.27	67	123117	27.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.48%
37) Toluene-d8	10.32	98	408888	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.40%
38) trans-1,3-Dichloropropene-	10.58	79	50847	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.52%
39) 2-Hexanone-d5	10.93	63	30734	53.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87819	26.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	118832	25.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.04%

Target Compounds

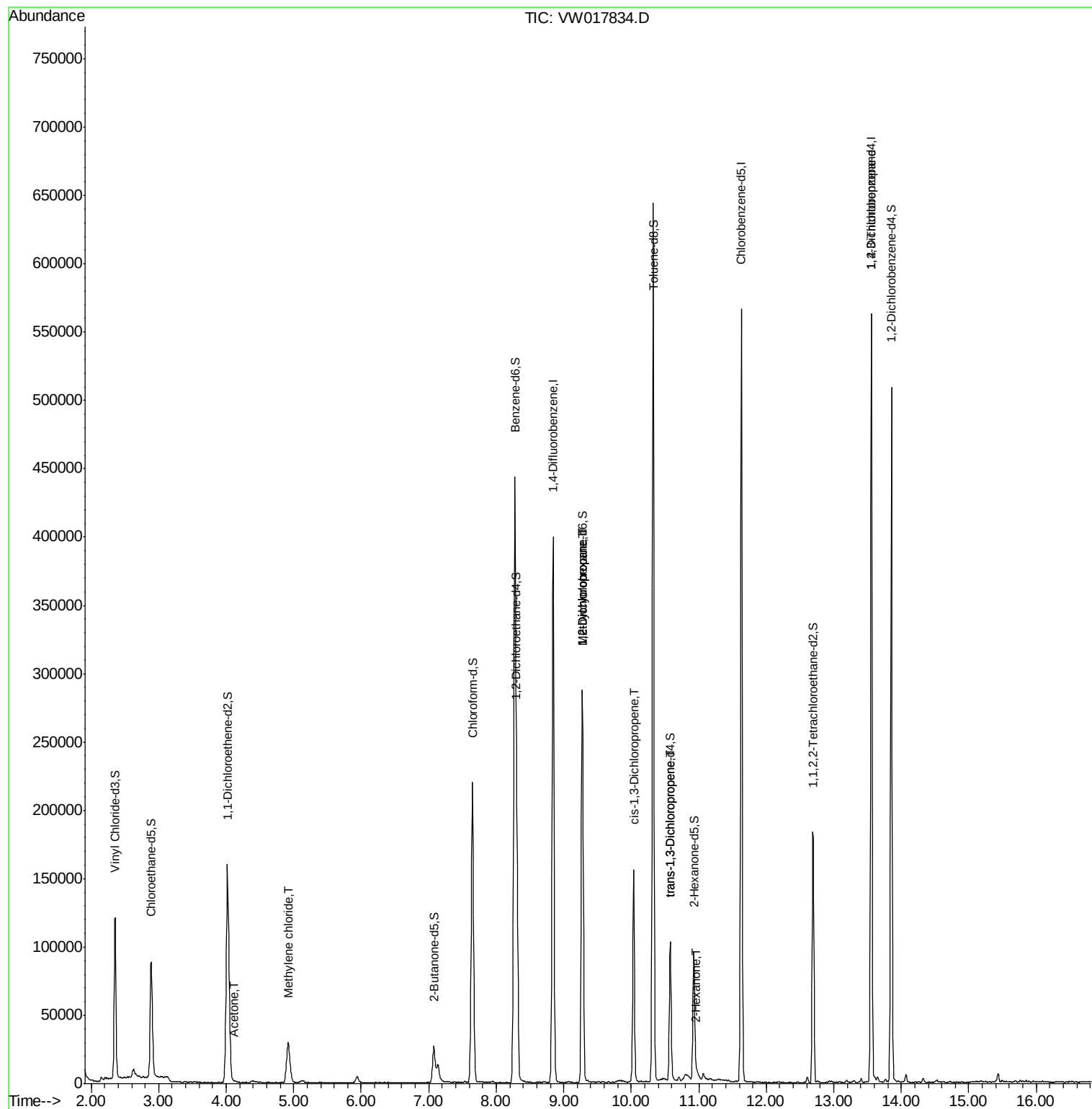
					Ovalue
13) Acetone	4.12	43	610	0.893 ug/L	91
16) Methylene chloride	4.92	84	22859	5.069 ug/L	98
36) Methylcyclohexane	9.27	83	30689	3.794 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	15646	3.964 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4688	0.744 ug/L #	63
45) trans-1,3-Dichloropropene	10.58	75	2767	0.516 ug/L #	76
49) 2-Hexanone	10.97	43	1014	0.745 ug/L #	53
59) 1,2,3-Trichloropropane	13.55	75	20629	8.571 ug/L	94

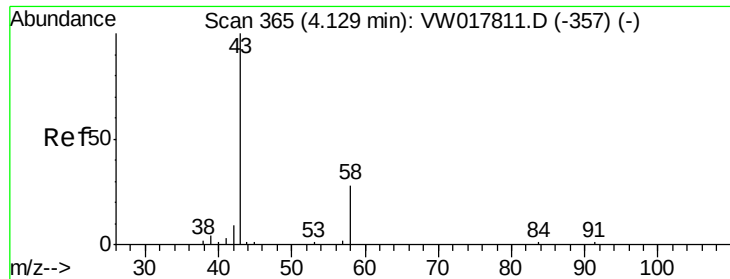
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.893 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017834.D

Acq: 12 Jan 2021 14:42

Instrument :

MSVOA_W

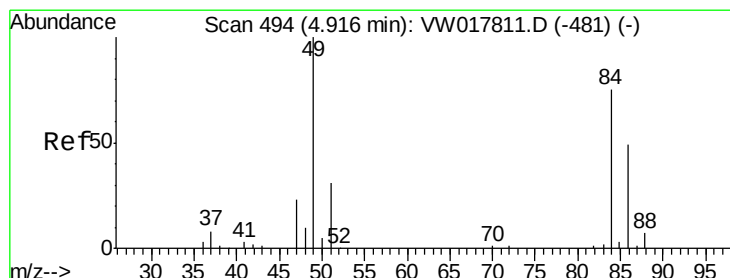
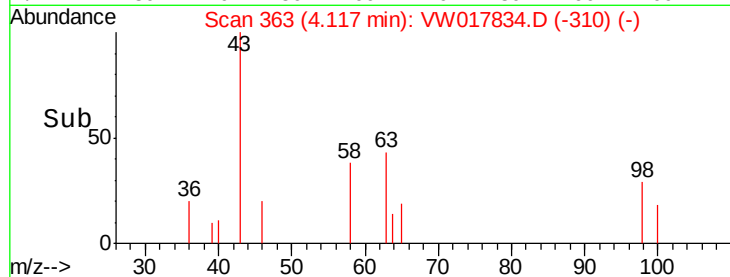
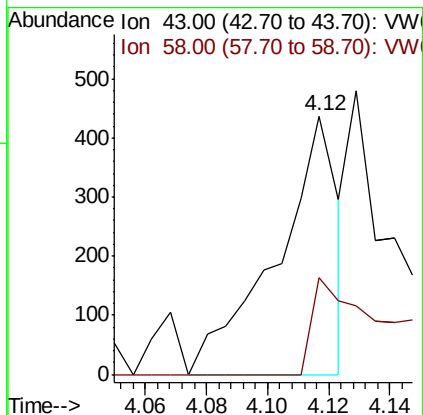
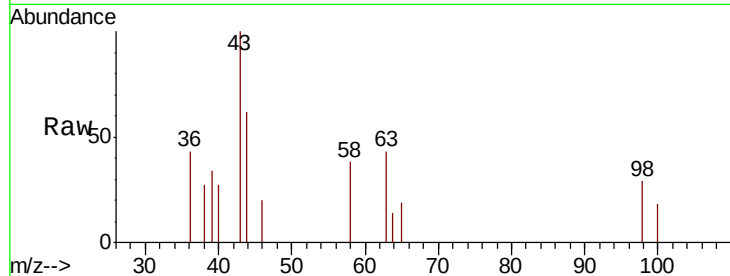
ClientSampled :

Tot Ion: 43 Resp: 610

Ion Ratio Lower Upper

43 100

58 35.1 0.0 60.8



#16

Methylene chloride

Concen: 5.069 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017834.D

Acq: 12 Jan 2021 14:42

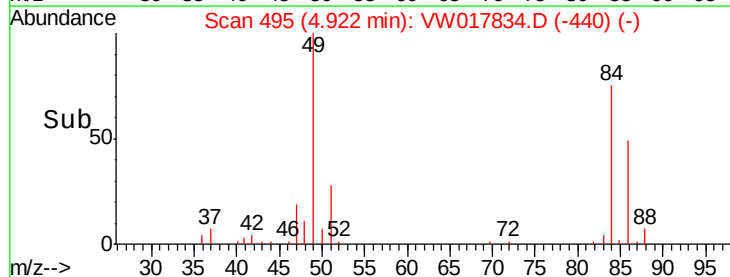
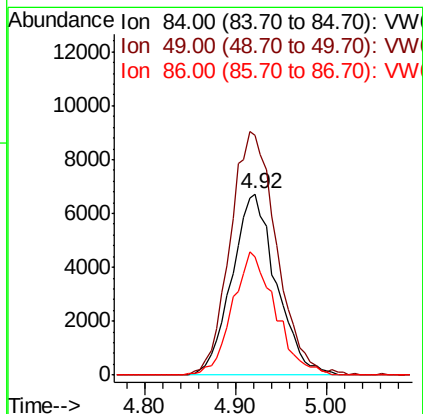
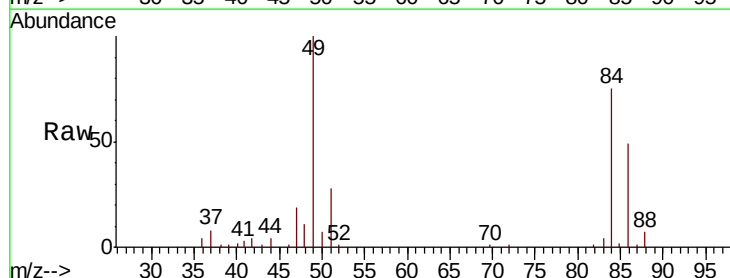
Tgt Ion: 84 Resp: 22859

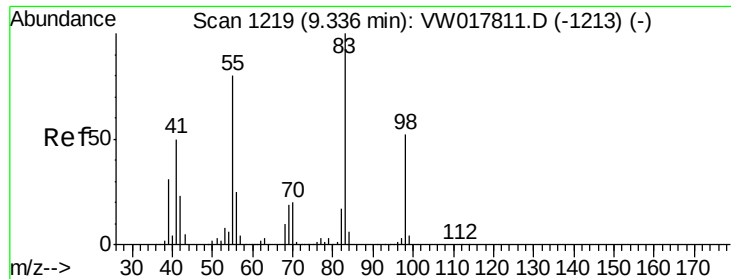
Ion Ratio Lower Upper

84 100

49 132.6 90.5 168.1

86 65.3 44.8 83.2

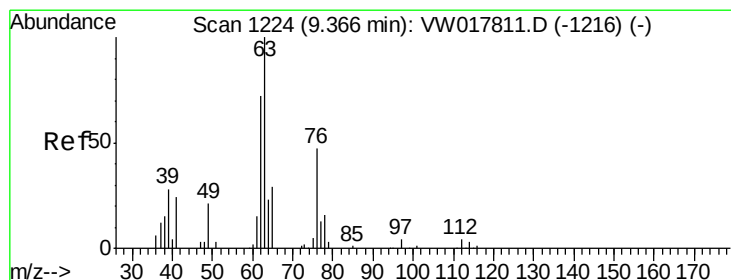
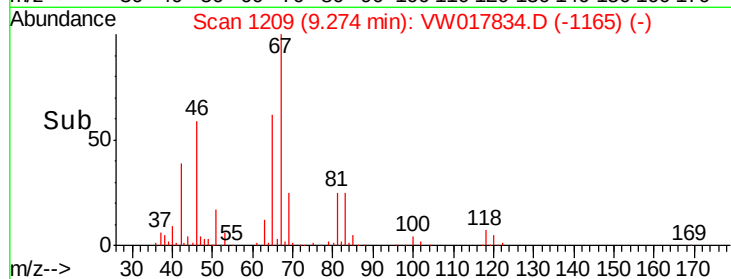
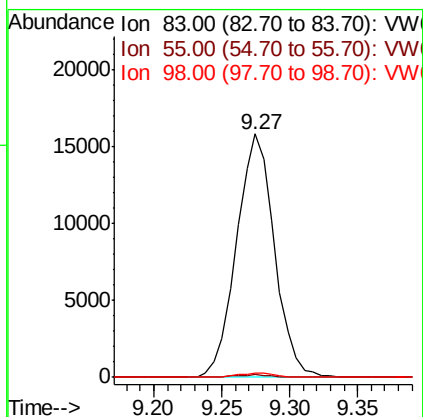
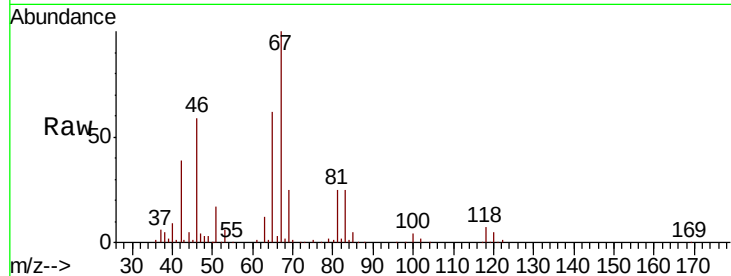




#36
Methylcyclohexane
Concen: 3.794 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017834.D
Acq: 12 Jan 2021 14:42

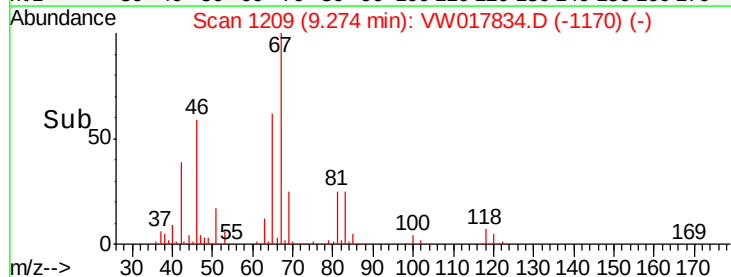
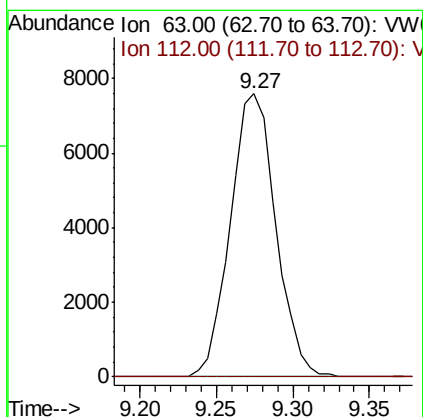
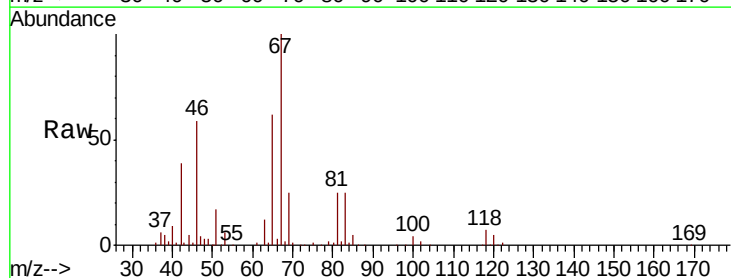
Instrument :
MSVOA_W
ClientSampleId :

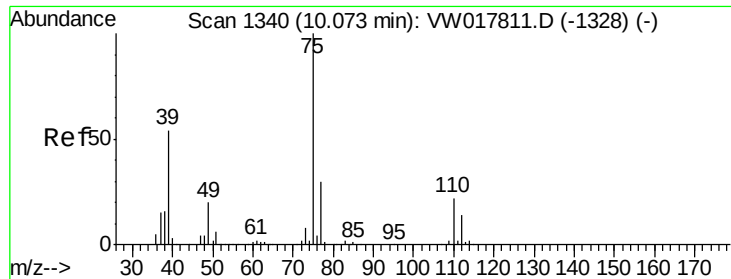
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.9	57.6	86.4#
98	1.8	39.7	59.5#



#40
1,2-Dichloropropane
Concen: 3.964 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW017834.D
Acq: 12 Jan 2021 14:42

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#42

cis-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017834.D

Acq: 12 Jan 2021 14:42

Instrument :

MSVOA_W

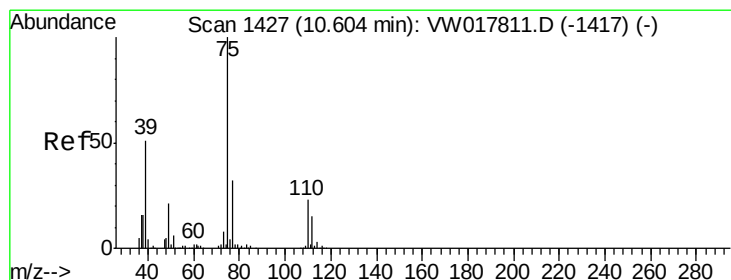
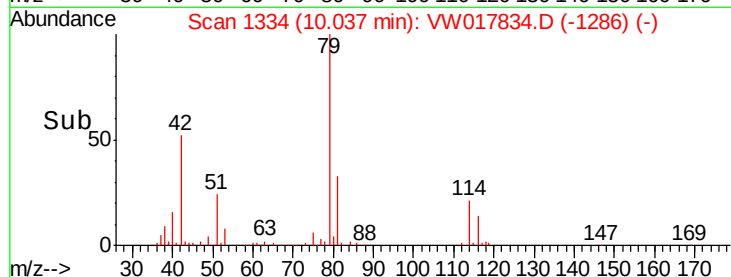
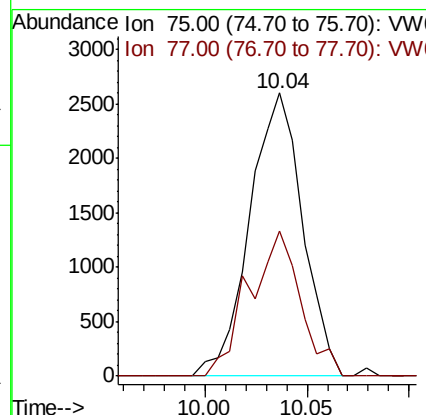
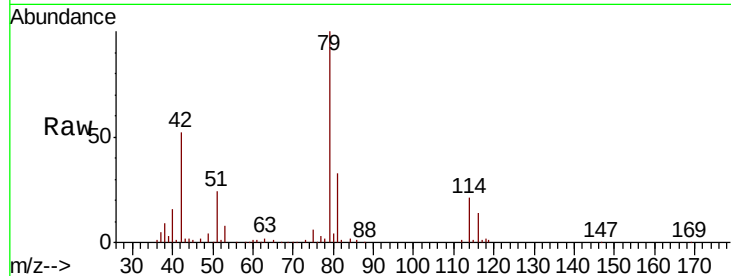
ClientSampled :

Tot Ion: 75 Resp: 4688

Ion Ratio Lower Upper

75 100

77 51.5 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.516 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017834.D

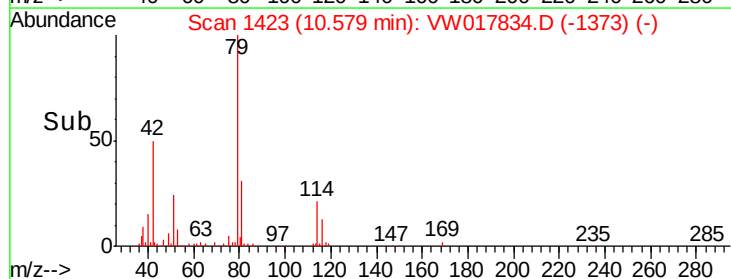
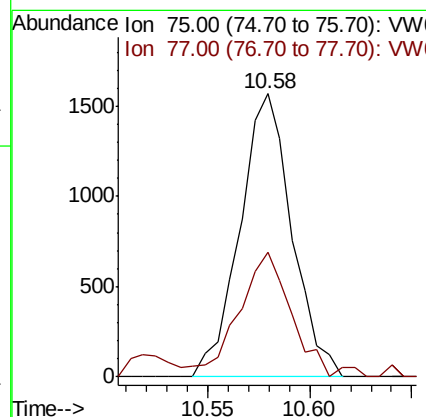
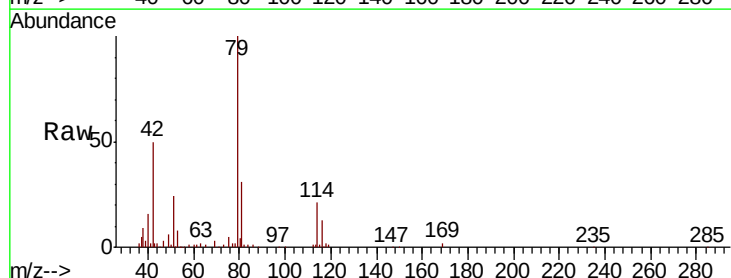
Acq: 12 Jan 2021 14:42

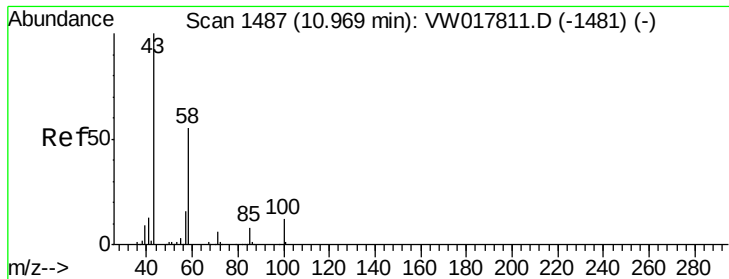
Tgt Ion: 75 Resp: 2767

Ion Ratio Lower Upper

75 100

77 44.1 21.6 40.0#





#49

2-Hexanone

Concen: 0.745 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017834.D

Acq: 12 Jan 2021 14:42

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 1014

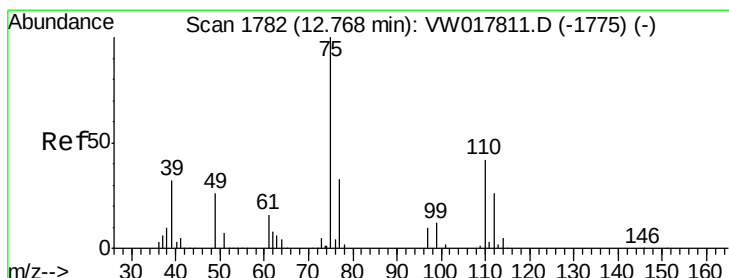
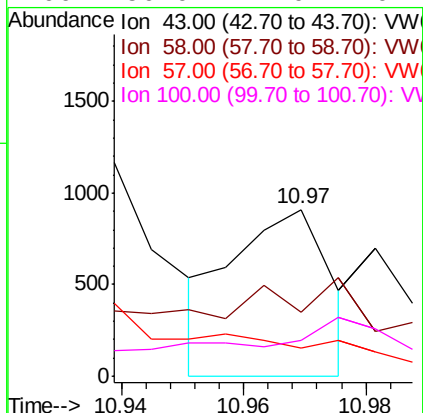
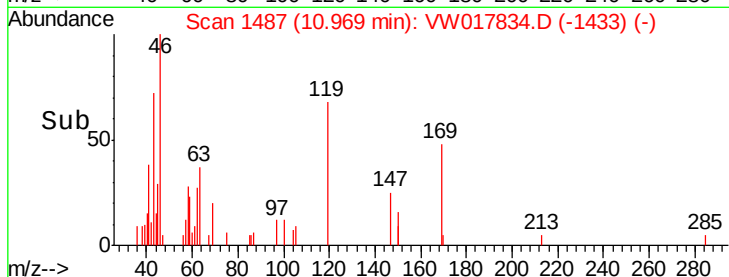
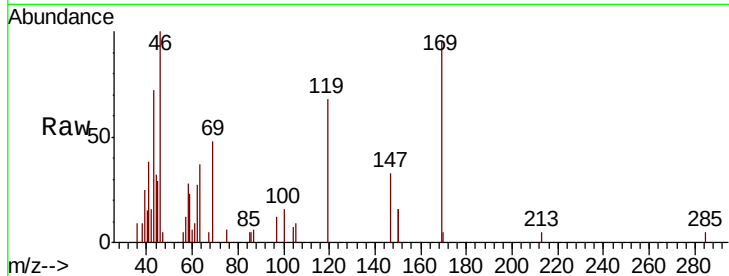
Ion Ratio Lower Upper

43 100

58 28.6 44.2 66.4#

57 0.0 16.1 24.1#

100 50.0 11.0 16.4#



#59

1,2,3-Trichloropropane

Concen: 8.571 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017834.D

Acq: 12 Jan 2021 14:42

Tgt Ion: 75 Resp: 20629

Ion Ratio Lower Upper

75 100

77 35.2 25.4 38.0

