

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011121\
 Data File : VW017820.D
 Acq On : 11 Jan 2021 15:38
 Operator : SY/VA
 Sample : M1074-08
 Misc : 5.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 05:26:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	328802	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297168	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137713	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119679	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.08%
7) Chloroethane-d5	2.89	69	97057	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.48%
10) 1,1-Dichloroethene-d2	4.02	63	160668	18.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.52%
20) 2-Butanone-d5	7.08	46	42375	51.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.78%
24) Chloroform-d	7.65	84	199713	23.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	8.31	65	115759	26.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.12%
29) Benzene-d6	8.27	84	400474	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.27	67	114129	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.32	98	371057	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.32%
38) trans-1,3-Dichloropropene-	10.58	79	46650	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.72%
39) 2-Hexanone-d5	10.93	63	29767	51.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79200	23.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	109851	22.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.64%

Target Compounds

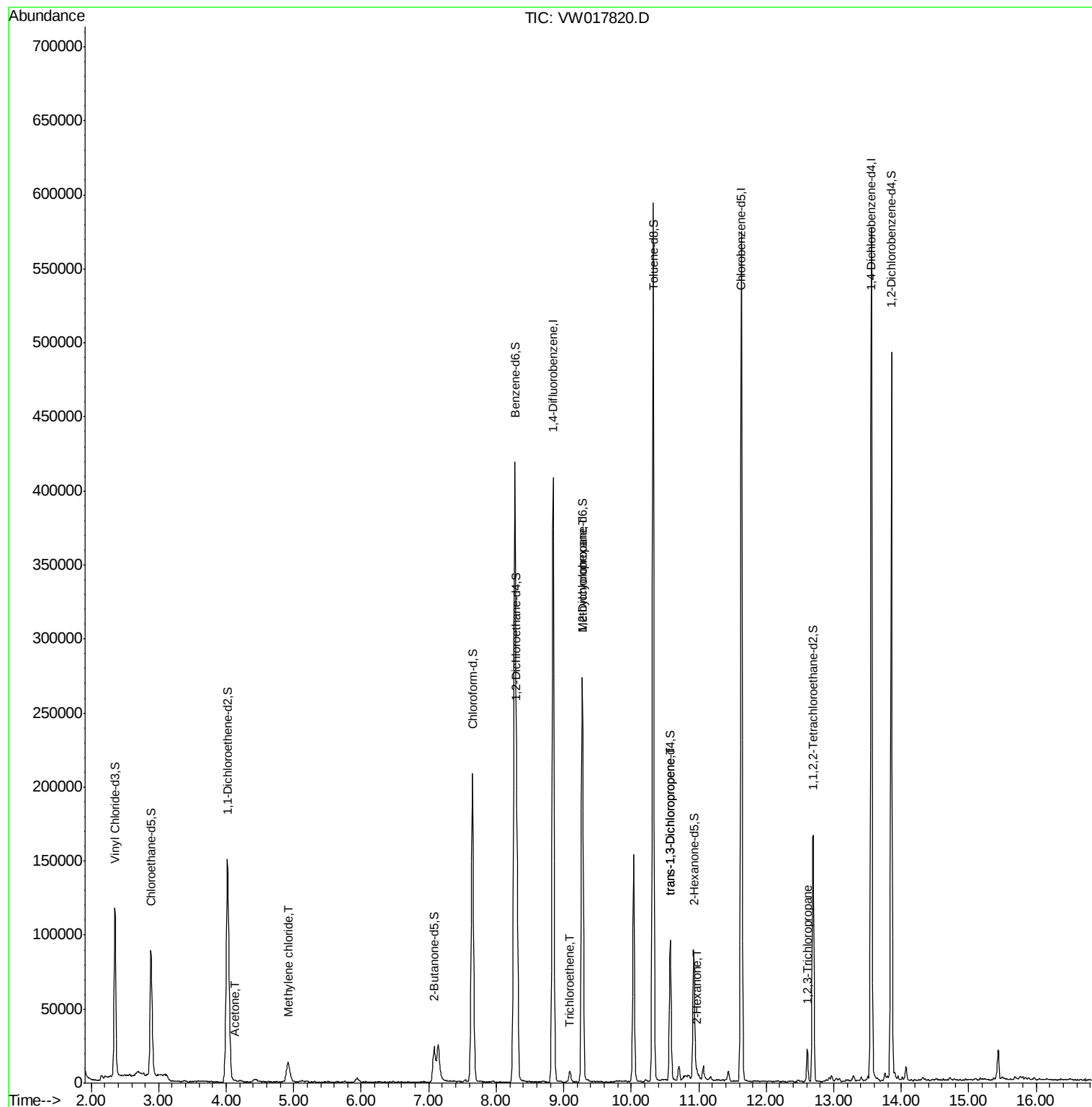
					Ovalue
13) Acetone	4.13	43	814	1.143 ug/L	84
16) Methylene chloride	4.92	84	10834	2.304 ug/L	95
35) Trichloroethene	9.09	95	2166	0.461 ug/L #	82
36) Methylcyclohexane	9.27	83	28044	3.411 ug/L #	21
45) trans-1,3-Dichloropropene	10.58	75	2802	0.514 ug/L	92
49) 2-Hexanone	10.98	43	784	0.567 ug/L #	82
59) 1,2,3-Trichloropropane	12.61	75	499	0.204 ug/L	99

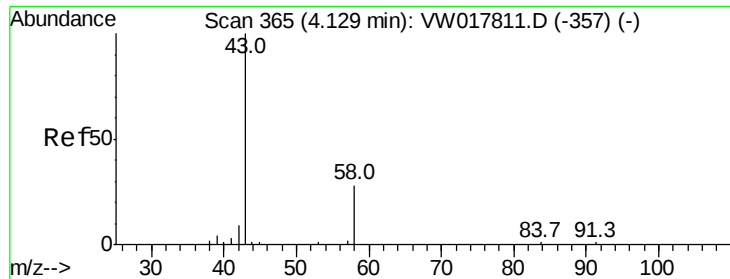
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 12 05:24:59 2021
Response via : Initial Calibration





#13

Acetone

Concen: 1.143 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017820.D

Acq: 11 Jan 2021 15:38

Instrument :

MSVOA_W

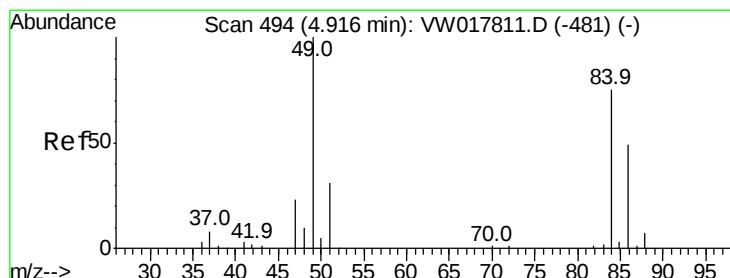
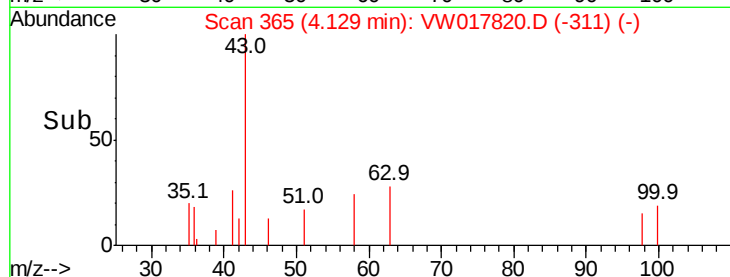
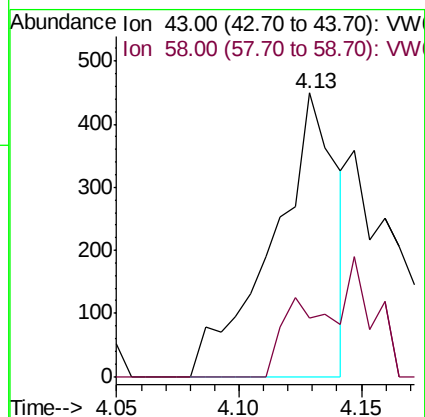
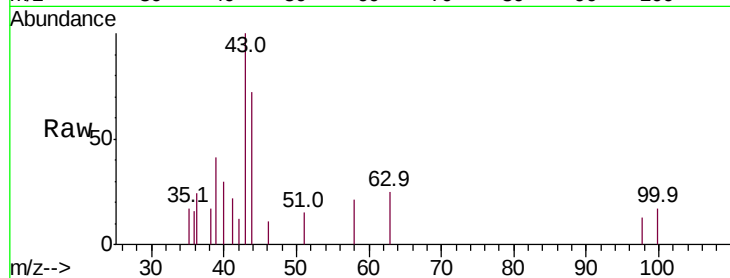
ClientSampled :

Tot Ion: 43 Resp: 814

Ion Ratio Lower Upper

43 100

58 21.5 0.0 60.8



#16

Methylene chloride

Concen: 2.304 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017820.D

Acq: 11 Jan 2021 15:38

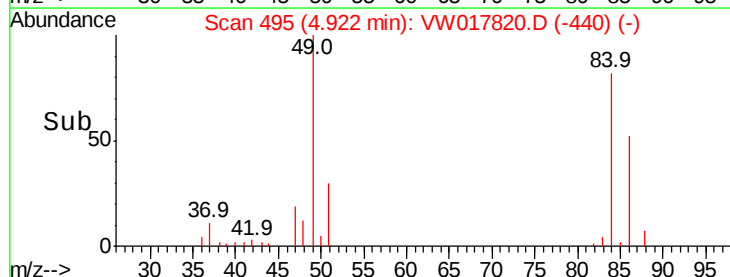
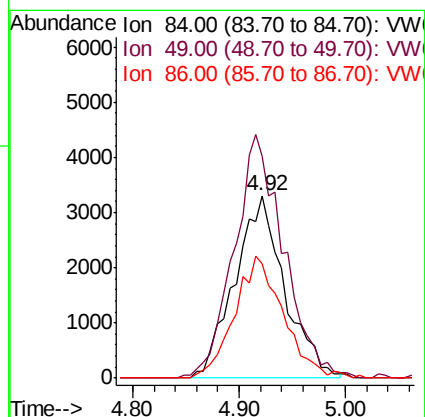
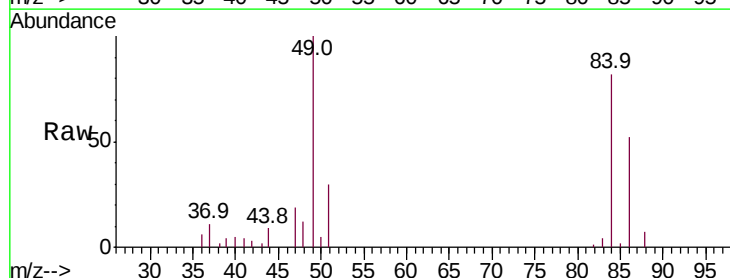
Tgt Ion: 84 Resp: 10834

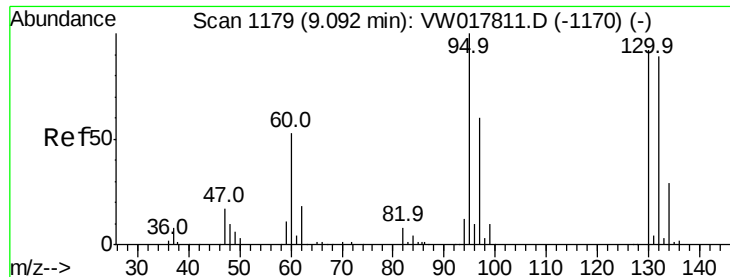
Ion Ratio Lower Upper

84 100

49 122.0 90.5 168.1

86 62.9 44.8 83.2





#35

Trichloroethene

Concen: 0.461 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW017820.D

Acq: 11 Jan 2021 15:38

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 2166

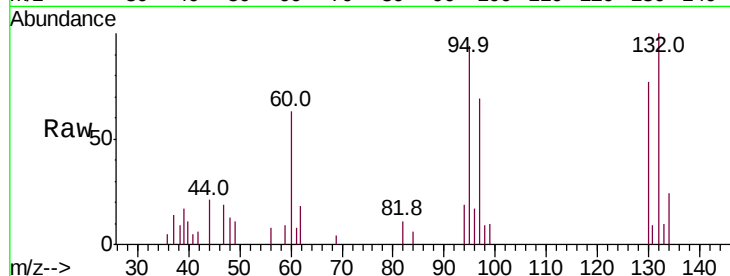
Ion Ratio Lower Upper

95 100

97 60.8 46.8 87.0

132 97.9 68.3 126.9

130 60.4 71.8 133.4#

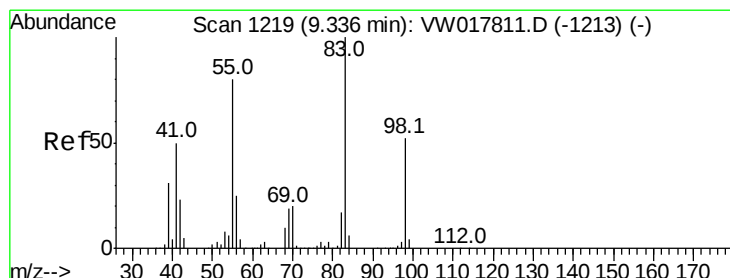
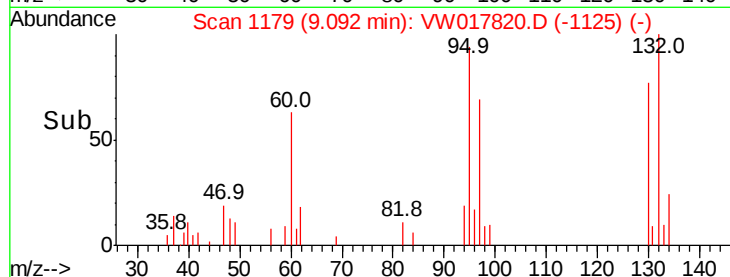
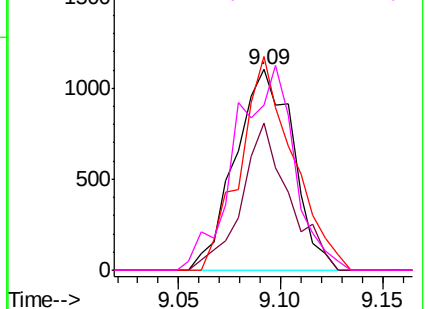


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 3.411 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW017820.D

Acq: 11 Jan 2021 15:38

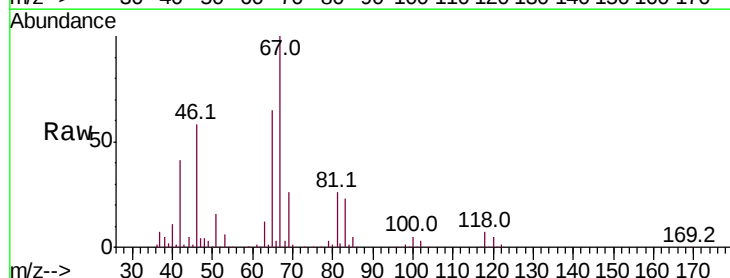
Tgt Ion: 83 Resp: 28044

Ion Ratio Lower Upper

83 100

55 0.8 57.6 86.4#

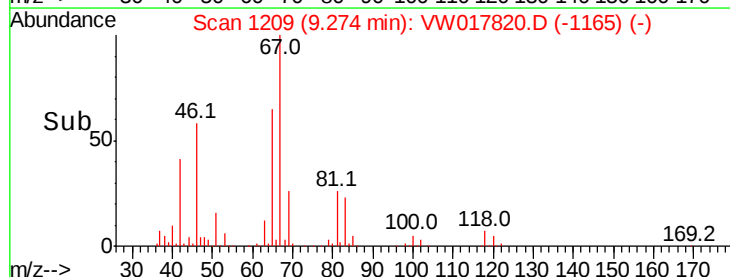
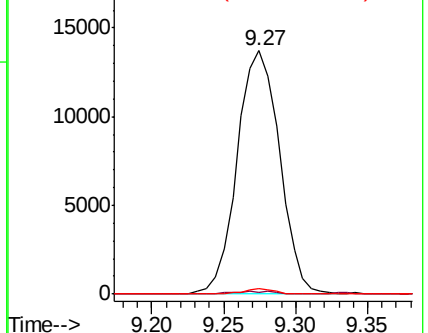
98 1.6 39.7 59.5#

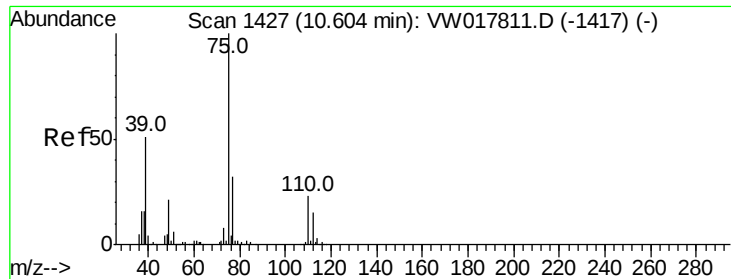


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.514 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017820.D

Acq: 11 Jan 2021 15:38

Instrument :

MSVOA_W

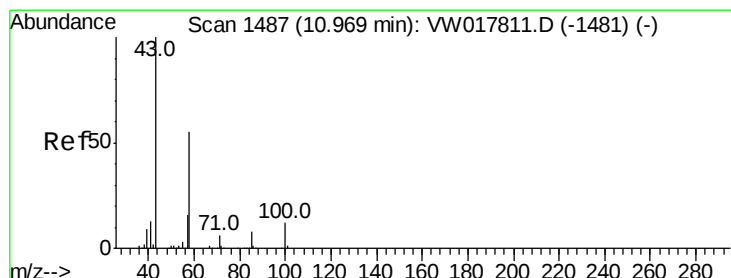
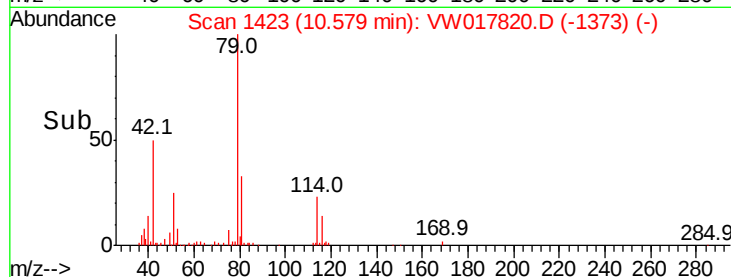
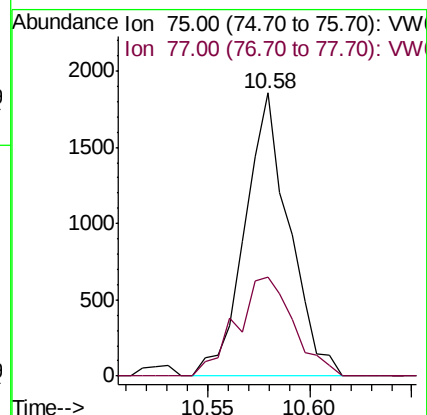
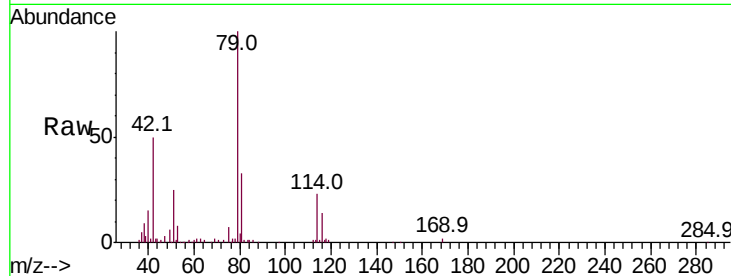
ClientSampleId :

Tot Ion: 75 Resp: 2802

Ion Ratio Lower Upper

75 100

77 35.1 21.6 40.0



#49

2-Hexanone

Concen: 0.567 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017820.D

Acq: 11 Jan 2021 15:38

Tgt Ion: 43 Resp: 784

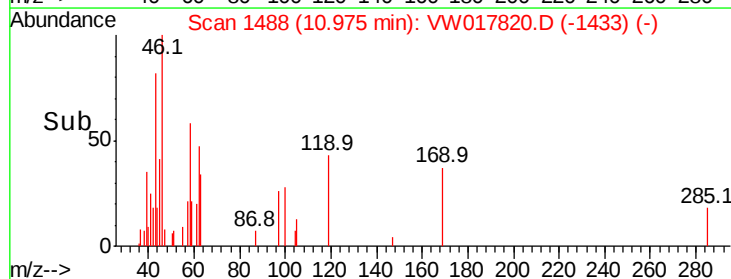
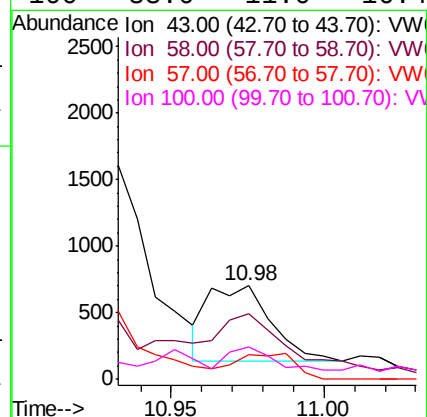
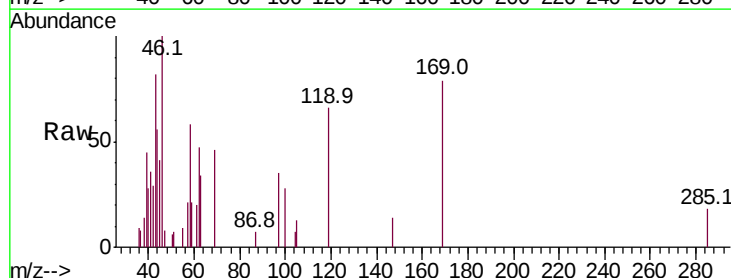
Ion Ratio Lower Upper

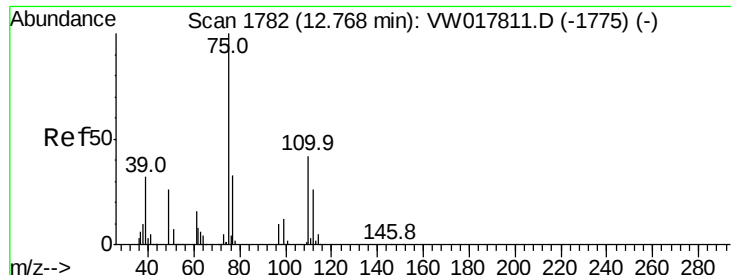
43 100

58 60.2 44.2 66.4

57 32.9 16.1 24.1#

100 33.0 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 0.204 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017820.D

Acq: 11 Jan 2021 15:38

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 499

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

