

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102220\
 Data File : VW016968.D
 Acq On : 22 Oct 2020 14:37
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK20

Quant Time: Oct 23 02:21:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 12:40:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	549432	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	493579	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	232740	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135936	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.76%
7) Chloroethane-d5	2.89	69	105249	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.68%
10) 1,1-Dichloroethene-d2	4.02	63	201509	16.34	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.36%
20) 2-Butanone-d5	7.09	46	60387	50.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.10%
24) Chloroform-d	7.65	84	275679	21.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	8.31	65	138923	23.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.16%
29) Benzene-d6	8.28	84	577175	22.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.04%
33) 1,2-Dichloropropane-d6	9.28	67	157454	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.04%
37) Toluene-d8	10.33	98	546678	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.60%
38) trans-1,3-Dichloropropene-	10.58	79	66877	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.08%
39) 2-Hexanone-d5	10.93	63	51693	53.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129554	24.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	199641	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

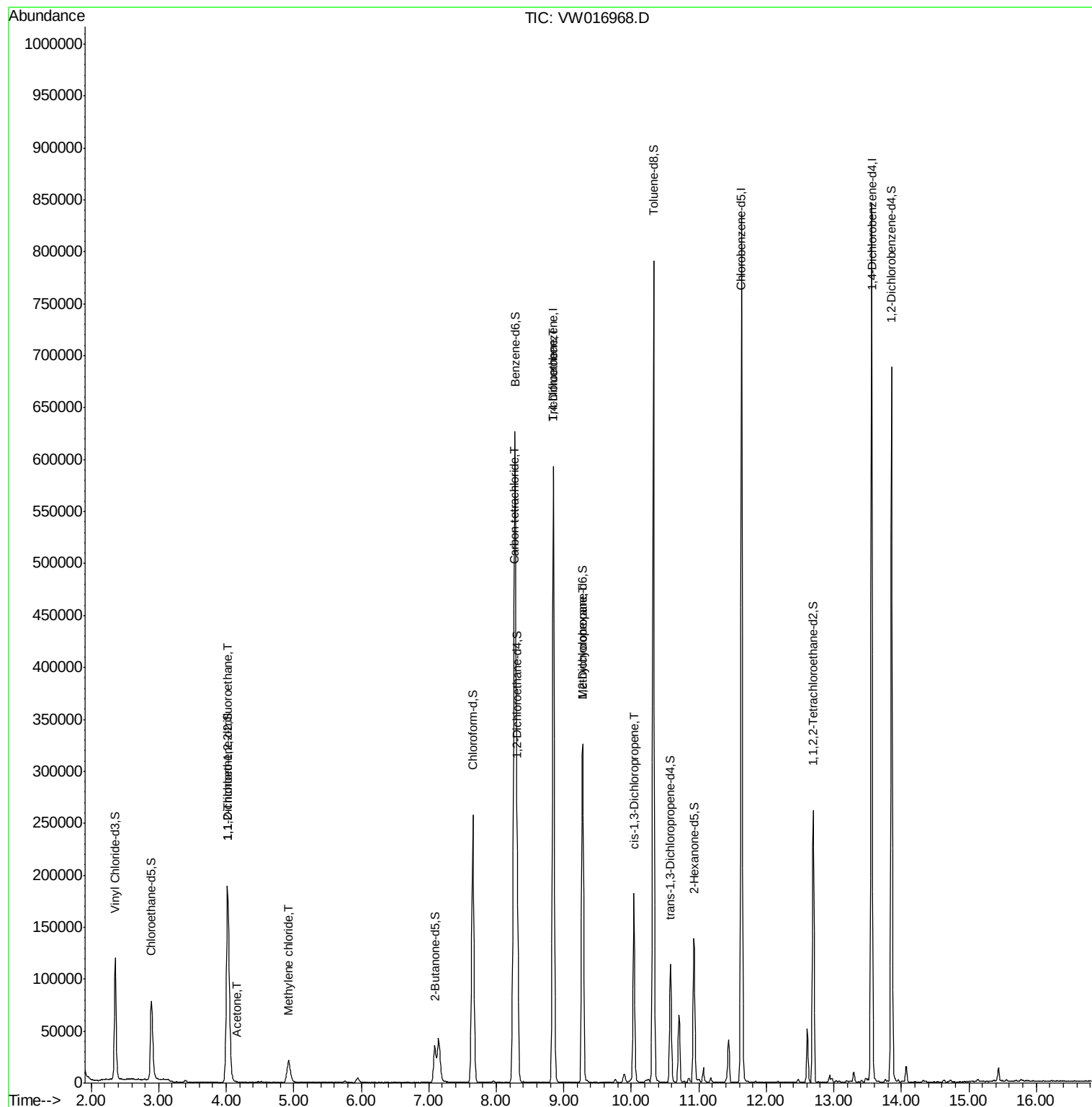
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	2208	0.292	ug/L #	17
13) Acetone	4.16	43	334	0.416	ug/L	100
16) Methylene chloride	4.93	84	19296	2.656	ug/L	93
32) Carbon tetrachloride	8.26	117	2812	0.274	ug/L #	22
35) Trichloroethene	8.85	95	15810	2.094	ug/L #	1
36) Methylcyclohexane	9.28	83	41265	3.254	ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4538	0.477	ug/L #	72

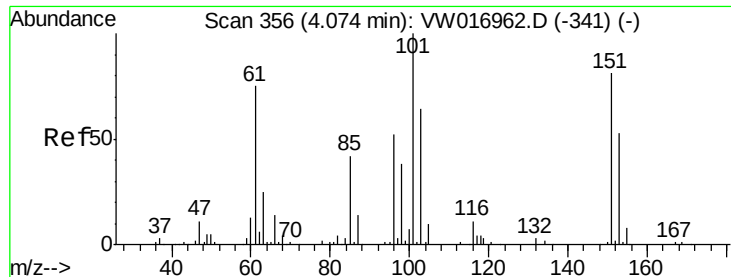
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 12:40:20 2020
Response via : Initial Calibration





#11

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

Concen: 0.292 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

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Acq: 22 Oct 2020 14:37

Instrument :

MSVOA_W

ClientSampled :

VIBLK20

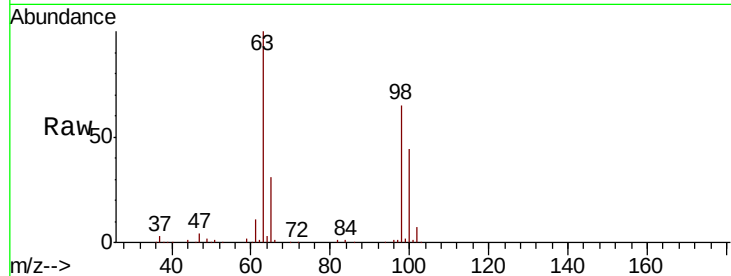
Tot Ion:101 Resp: 2208

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

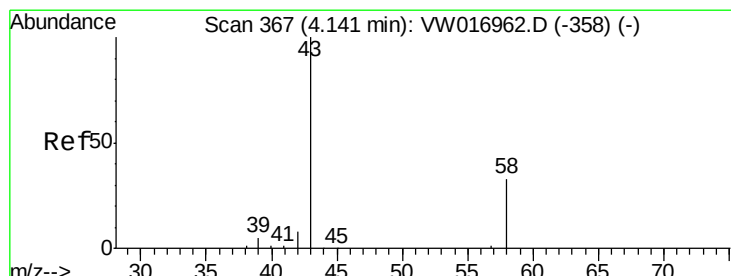
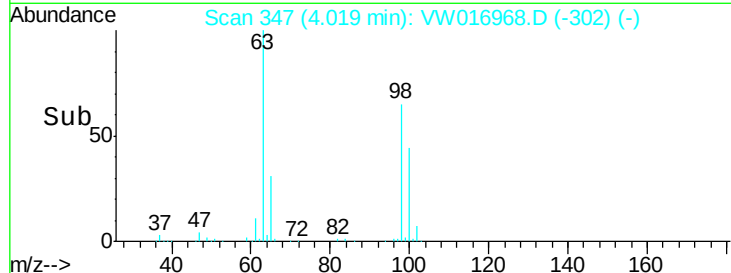
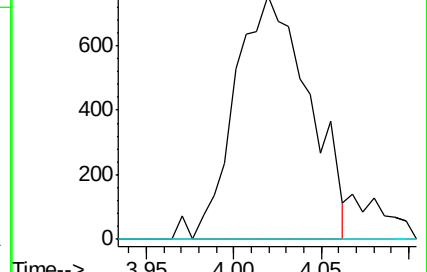
151 0.0 65.7 98.5#



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: 0.416 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW016968.D

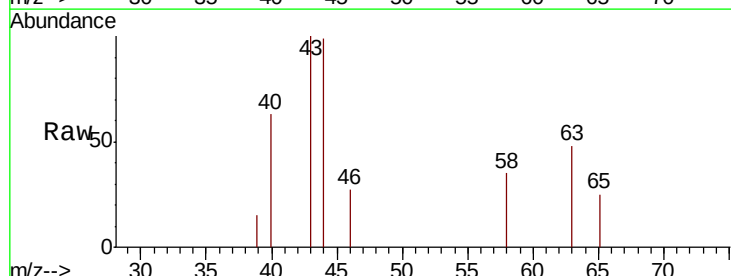
Acq: 22 Oct 2020 14:37

Tgt Ion: 43 Resp: 334

Ion Ratio Lower Upper

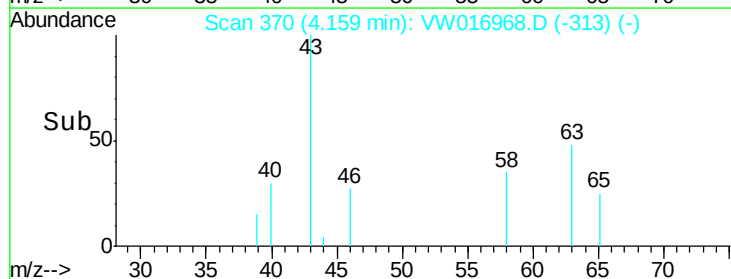
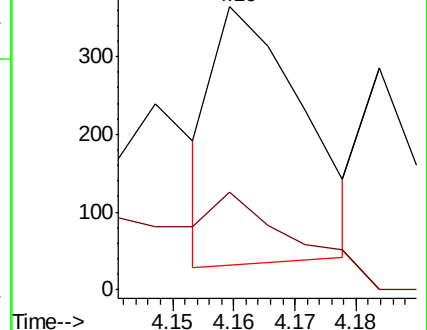
43 100

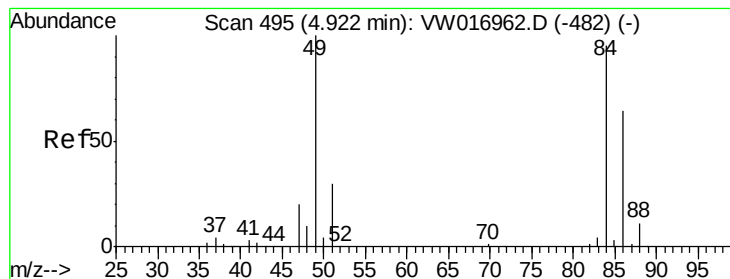
58 34.7 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#16

Methvlene chloride

Concen: 2.656 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

VIBLK20

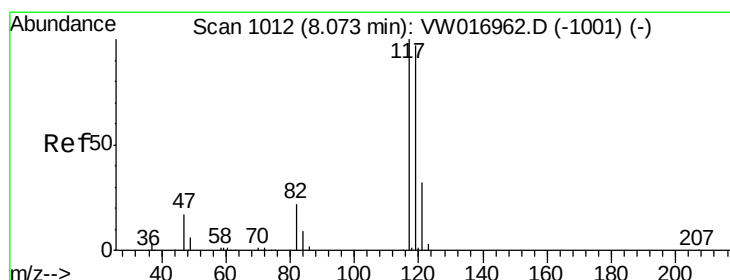
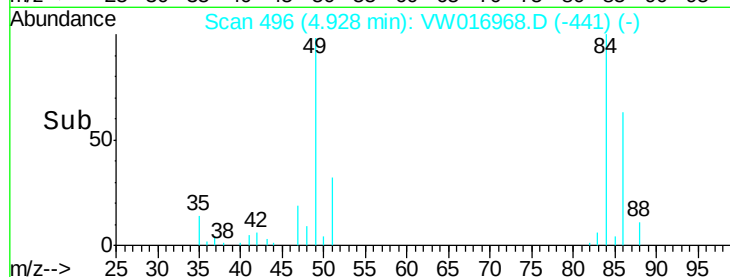
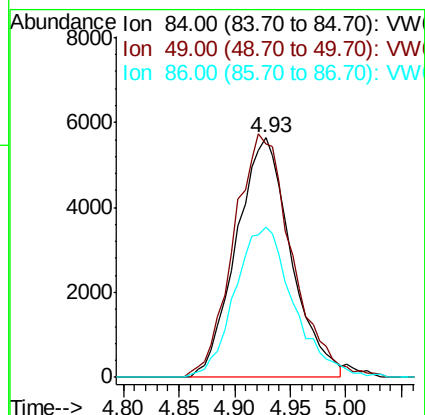
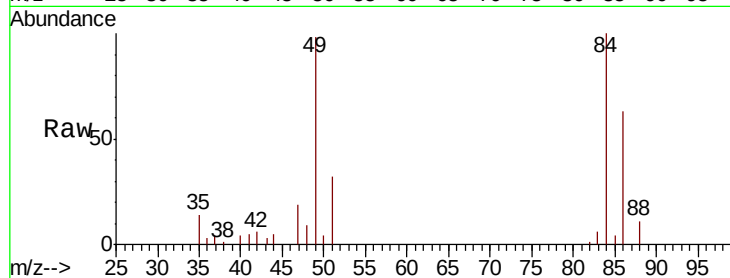
Tot Ion: 84 Resp: 19296

Ion Ratio Lower Upper

84 100

49 97.7 73.8 137.0

86 62.9 47.4 88.0



#32

Carbon tetrachloride

Concen: 0.274 ug/L

RT: 8.26 min Scan# 1042

Delta R.T. 0.18 min

Lab File: VW016968.D

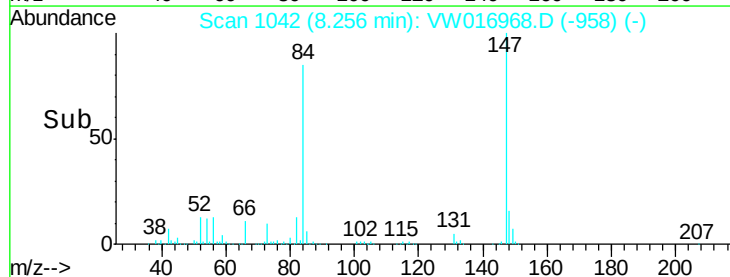
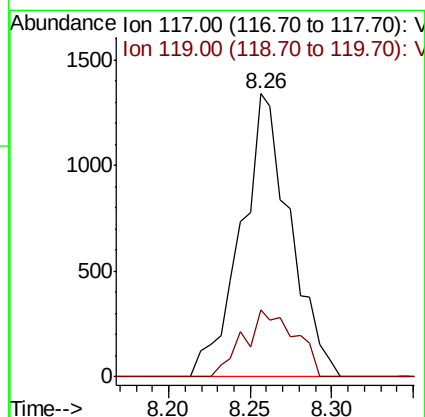
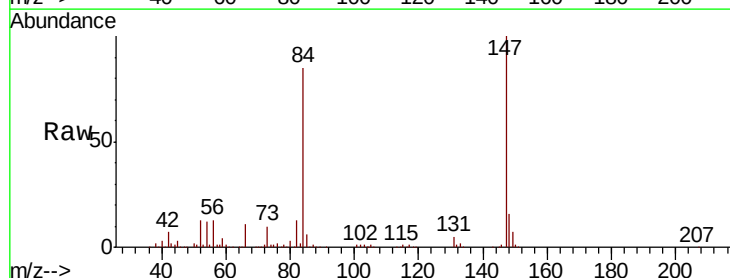
Acq: 22 Oct 2020 14:37

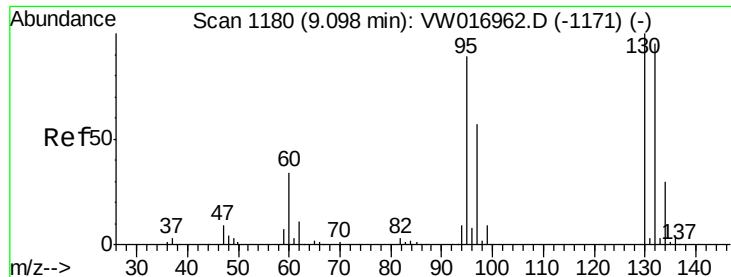
Tgt Ion: 117 Resp: 2812

Ion Ratio Lower Upper

117 100

119 20.3 78.0 117.0#





#35

Trichloroethene

Concen: 2.094 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016968.D

Acq: 22 Oct 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

VIBLK20

Tot Ion: 95 Resp: 15810

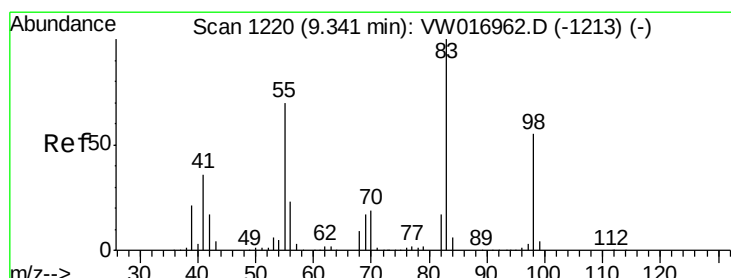
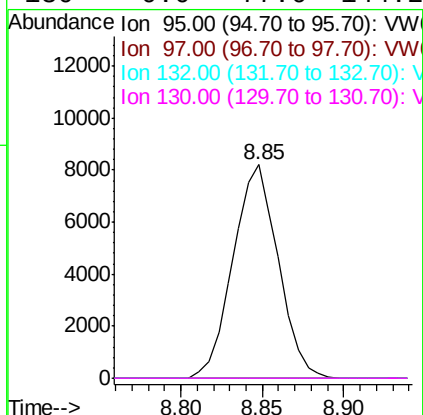
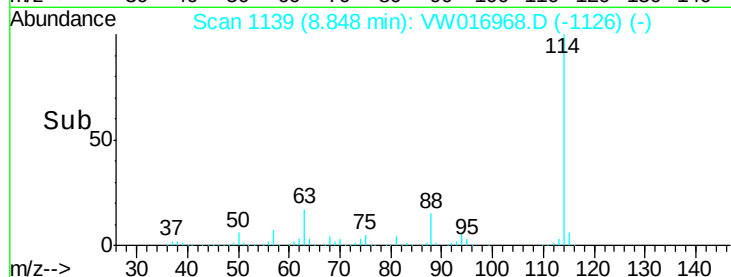
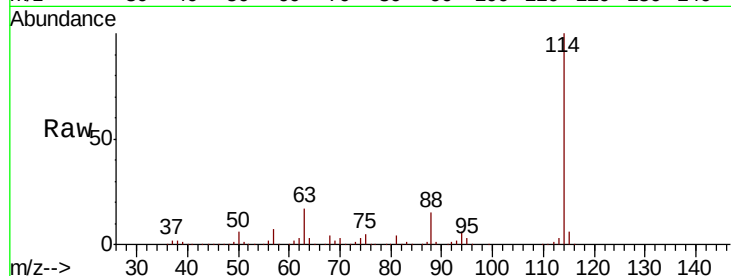
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 73.9 137.3#

130 0.0 77.6 144.2#



#36

Methylcyclohexane

Concen: 3.254 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW016968.D

Acq: 22 Oct 2020 14:37

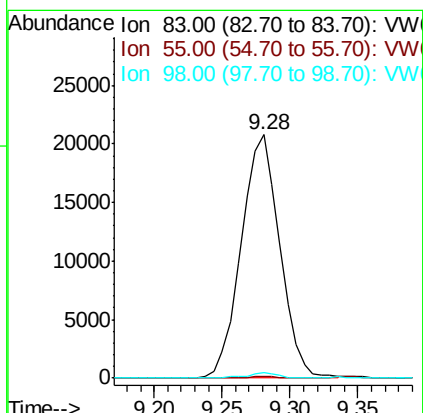
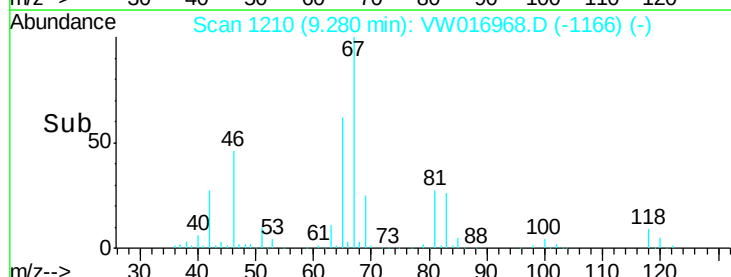
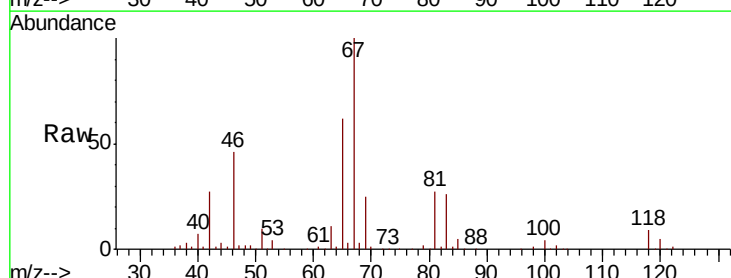
Tgt Ion: 83 Resp: 41265

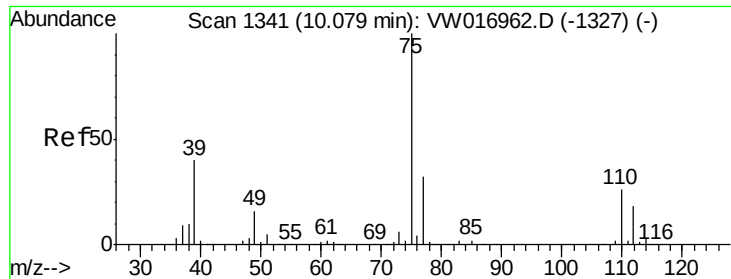
Ion Ratio Lower Upper

83 100

55 0.6 54.5 81.7#

98 1.8 40.8 61.2#





#42

cis-1,3-Dichloropropene

Concen: 0.477 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016968.D

Acq: 22 Oct 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

VIBLK20

Tot Ion: 75 Resp: 4538

Ion Ratio Lower Upper

75 100

77 48.1 22.7 42.1#

