

Data File : VW016849.D
Acq On : 08 Oct 2020 12:34
Operator : SY/VA
Sample : L4308-01RE
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AP6

Quant Time: Oct 09 08:09:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	563394	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	441134	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152773	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136911	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.52%
7) Chloroethane-d5	2.90	69	116568	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.00%
10) 1,1-Dichloroethene-d2	4.03	63	197601	16.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.96%
20) 2-Butanone-d5	7.09	46	41655	33.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.18%
24) Chloroform-d	7.65	84	279029	23.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	8.31	65	134750	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.88%
29) Benzene-d6	8.28	84	555689	27.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.96%
33) 1,2-Dichloropropane-d6	9.28	67	152224	28.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.08%
37) Toluene-d8	10.33	98	494416	26.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.60%
38) trans-1,3-Dichloropropene-	10.58	79	54144	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.20%
39) 2-Hexanone-d5	10.93	63	35119	42.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95506	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	111590	23.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.12%

Target Compounds

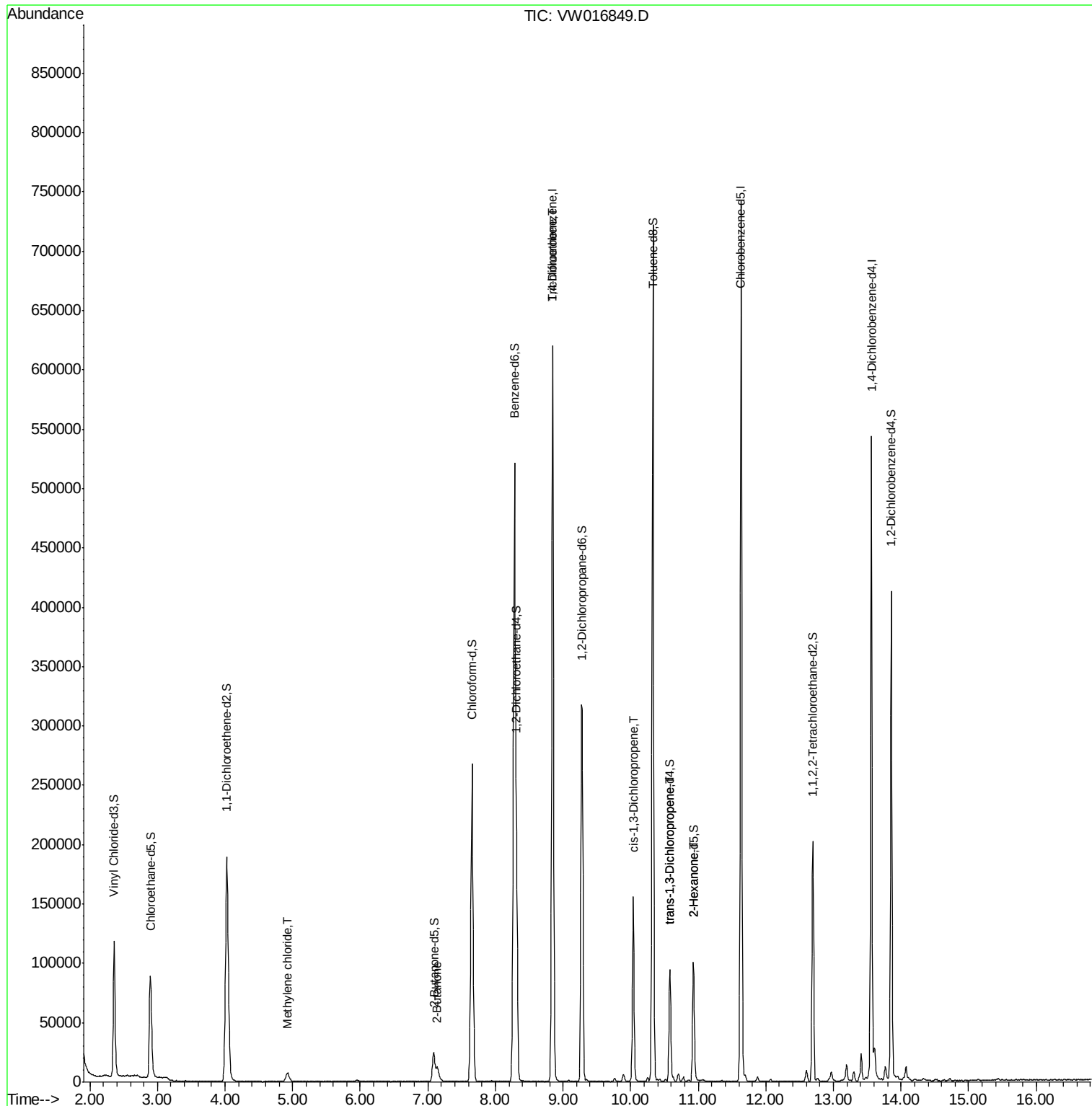
					Qvalue
16) Methylene chloride	4.92	84	6969	0.896 ug/L	93
21) 2-Butanone	7.15	43	3026	1.892 ug/L #	42
35) Trichloroethene	8.84	95	15854	2.366 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4070	0.477 ug/L #	58
45) trans-1,3-Dichloropropene	10.58	75	2584	0.360 ug/L #	79
49) 2-Hexanone	10.93	43	5353	3.007 ug/L #	63

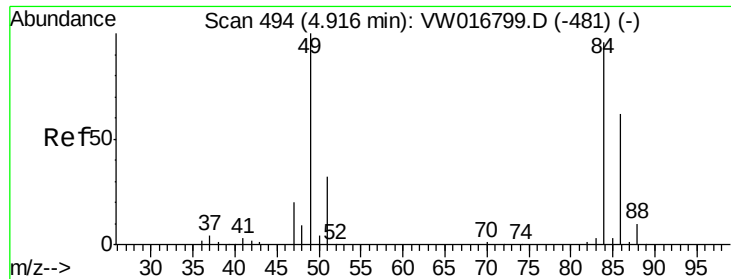
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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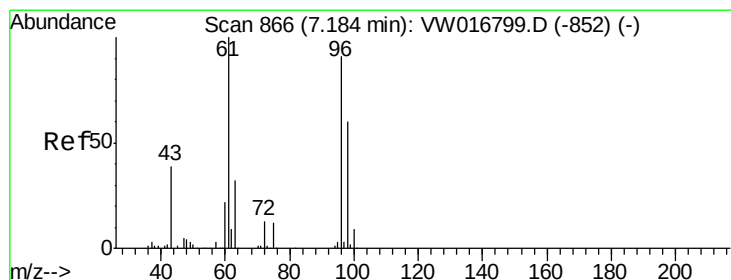
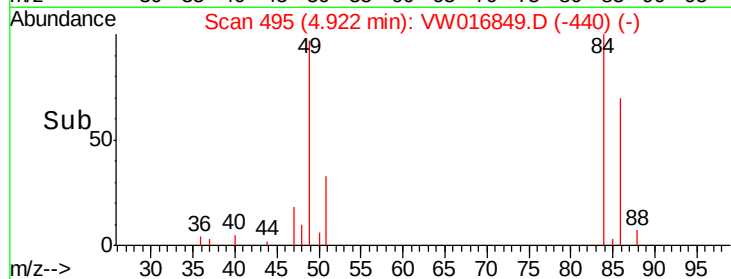
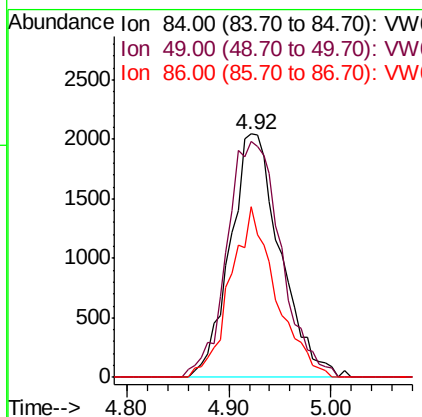
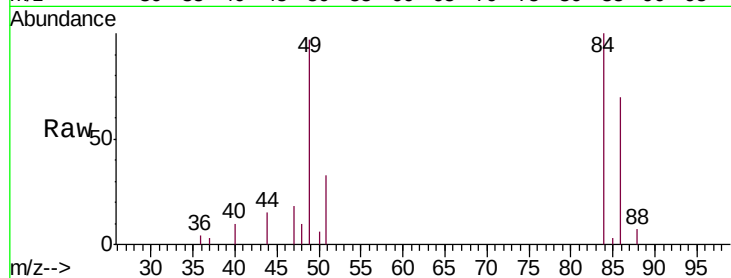




#16
Methylene chloride
Concen: 0.896 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016849.D
Acq: 08 Oct 2020 12:34

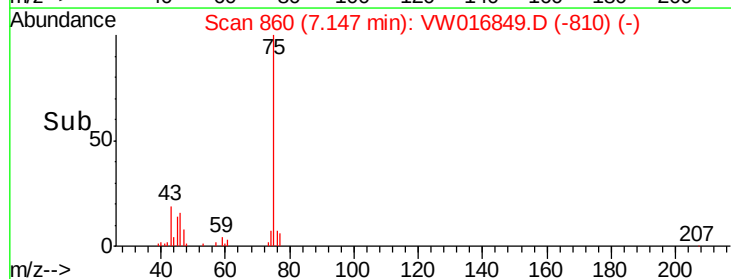
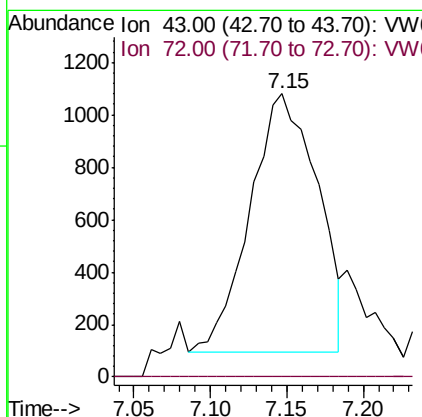
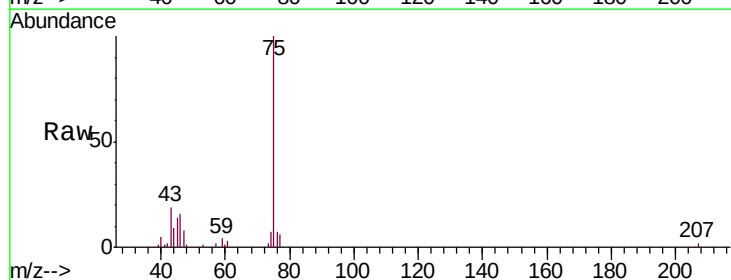
Instrument :
MSVOA_W
ClientSampled :
C0AP6

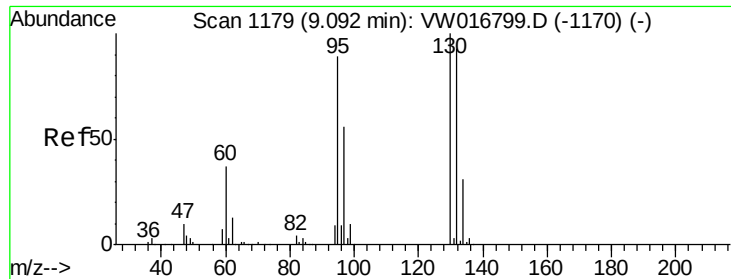
Tgt Ion: 84 Resp: 6969
Ion Ratio Lower Upper
84 100
49 97.0 73.1 135.8
86 70.3 46.0 85.4



#21
2-Butanone
Concen: 1.892 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW016849.D
Acq: 08 Oct 2020 12:34

Tgt Ion: 43 Resp: 3026
Ion Ratio Lower Upper
43 100
72 0.0 16.2 48.5#





#35

Trichloroethene

Concen: 2.366 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016849.D

Acq: 08 Oct 2020 12:34

Instrument :

MSVOA_W

ClientSampleId :

C0AP6

Tgt Ion: 95 Resp: 15854

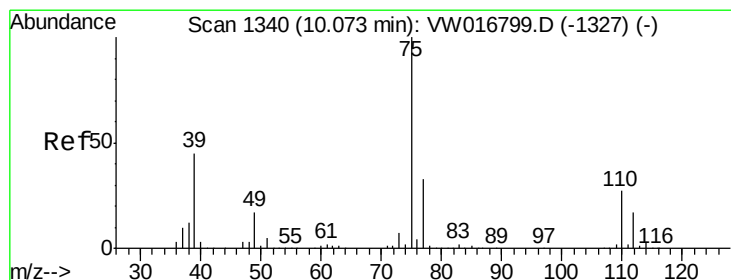
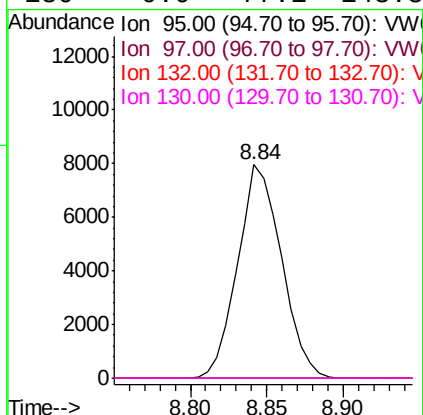
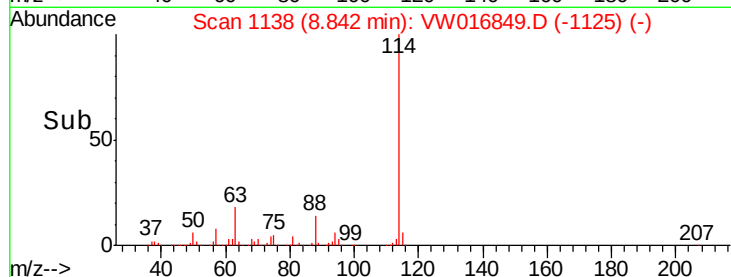
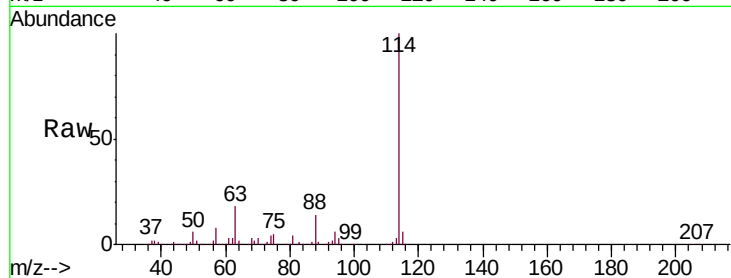
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 73.8 137.2#

130 0.0 77.1 143.3#



#42

cis-1,3-Dichloropropene

Concen: 0.477 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016849.D

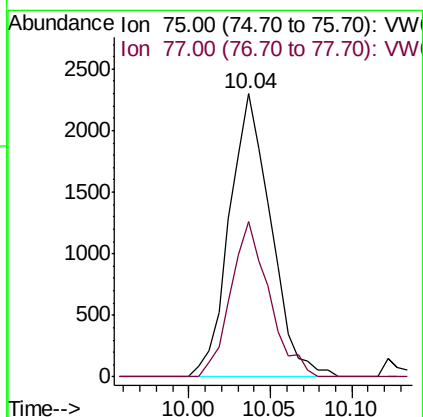
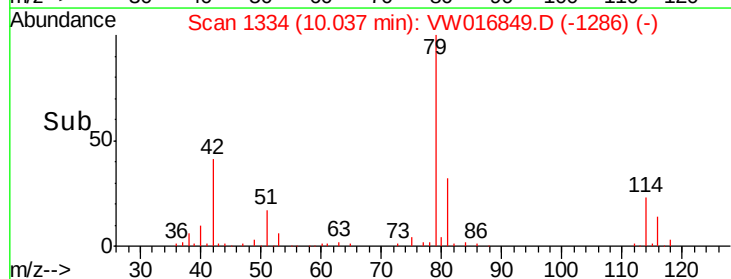
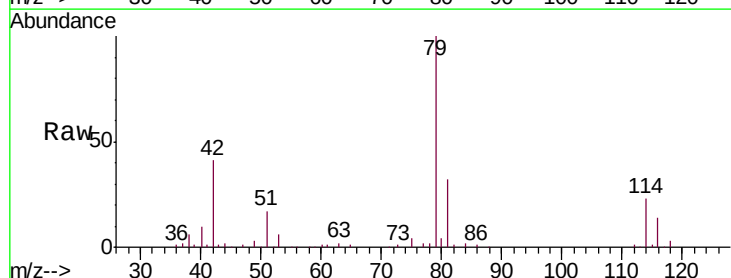
Acq: 08 Oct 2020 12:34

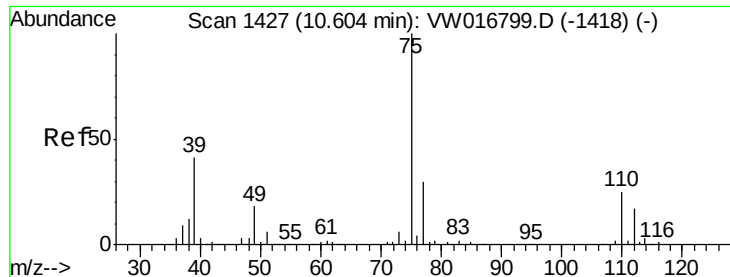
Tgt Ion: 75 Resp: 4070

Ion Ratio Lower Upper

75 100

77 54.9 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.360 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016849.D

Acq: 08 Oct 2020 12:34

Instrument :

MSVOA_W

ClientSampled :

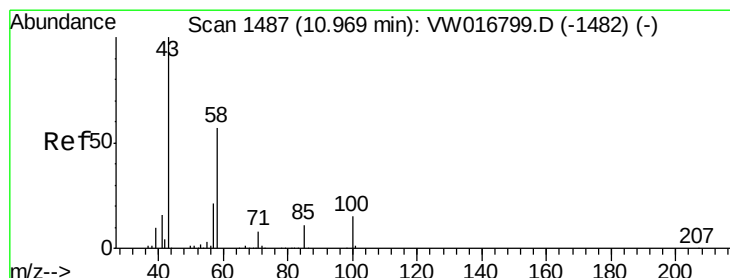
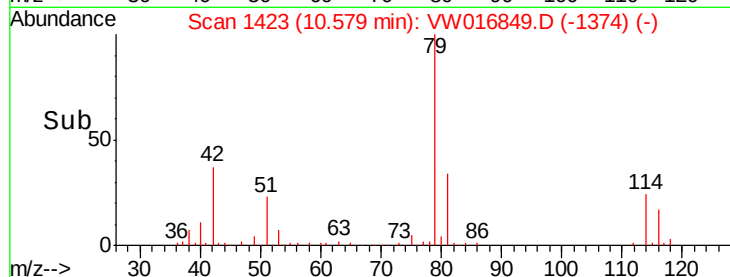
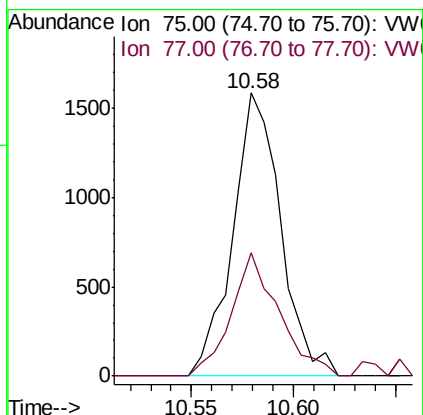
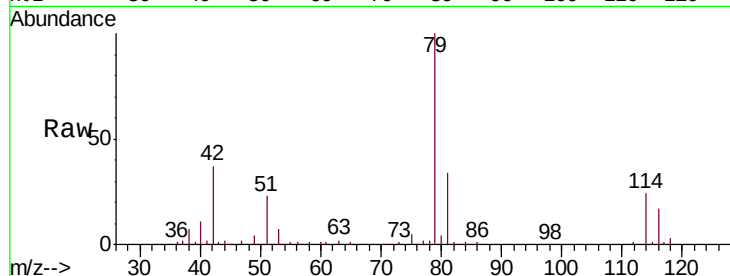
C0AP6

Tgt Ion: 75 Resp: 2584

Ion Ratio Lower Upper

75 100

77 43.5 22.2 41.2#



#49

2-Hexanone

Concen: 3.007 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016849.D

Acq: 08 Oct 2020 12:34

Tgt Ion: 43 Resp: 5353

Ion Ratio Lower Upper

43 100

58 23.8 47.1 70.7#

57 23.6 16.2 24.4

100 1.0 13.3 19.9#

