

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016674.D
 Acq On : 28 Sep 2020 17:41
 Operator : SY/VA
 Sample : L4144-03
 Misc : 5.57G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM1

Quant Time: Sep 29 05:29:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	654185	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	562756	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	281290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	131870	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.32%
7) Chloroethane-d5	2.90	69	120786	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
10) 1,1-Dichloroethene-d2	4.03	63	220472	15.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.28%
20) 2-Butanone-d5	7.09	46	80665	46.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.44%
24) Chloroform-d	7.65	84	346518	25.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.28%
26) 1,2-Dichloroethane-d4	8.31	65	182194	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.72%
29) Benzene-d6	8.28	84	664033	26.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.24%
33) 1,2-Dichloropropane-d6	9.27	67	189557	27.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.88%
37) Toluene-d8	10.32	98	644669	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.84%
38) trans-1,3-Dichloropropene-	10.58	79	82308	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.48%
39) 2-Hexanone-d5	10.93	63	63453	51.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153874	26.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	243152	27.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.20%

Target Compounds

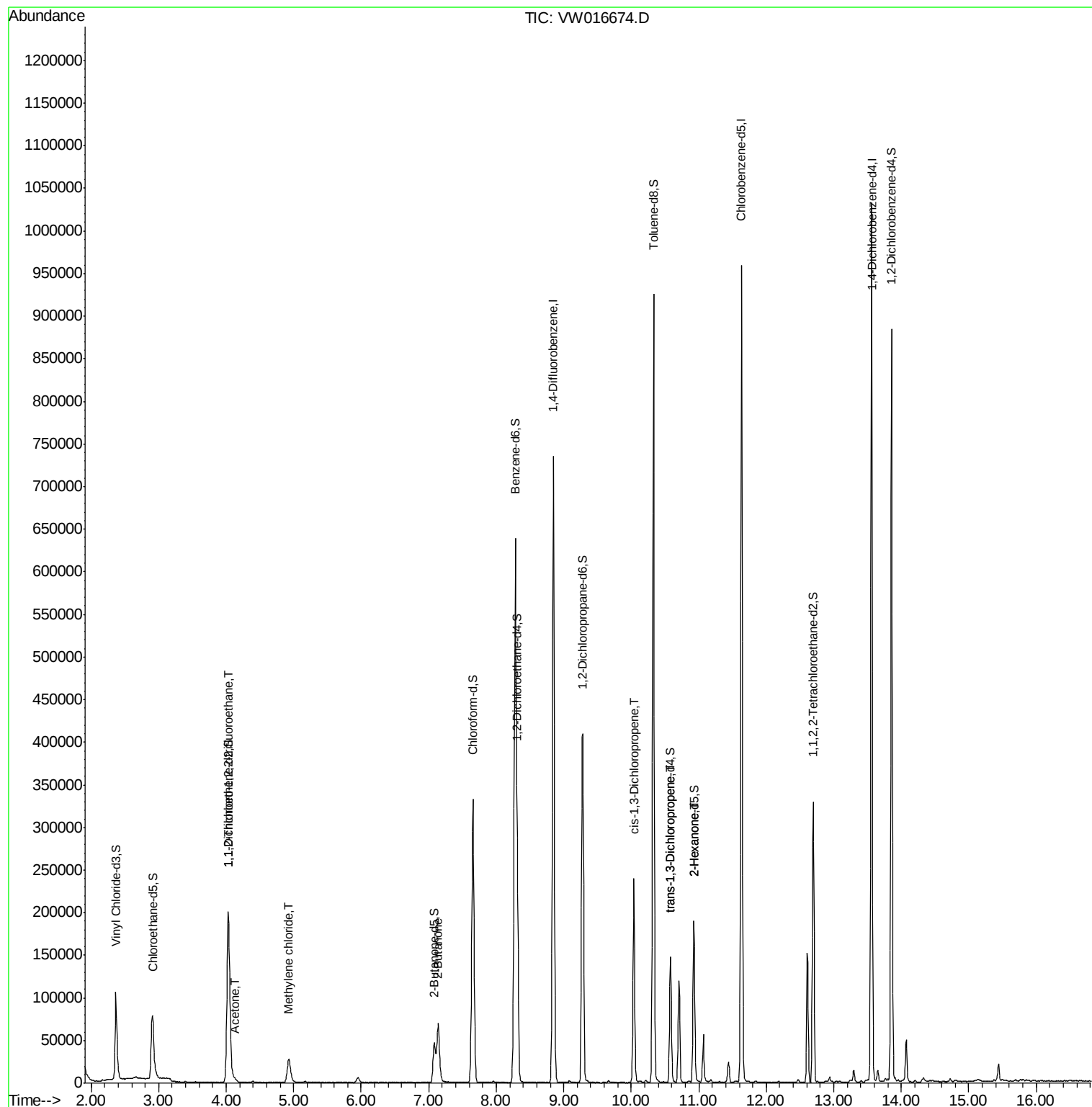
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2174	0.258	ug/L #	18
13) Acetone	4.13	43	6137	4.538	ug/L	98
16) Methylene chloride	4.93	84	26392	2.616	ug/L	96
21) 2-Butanone	7.14	43	2308	1.003	ug/L #	54
42) cis-1,3-Dichloropropene	10.04	75	6292	0.525	ug/L #	81
45) trans-1,3-Dichloropropene	10.58	75	3857	0.370	ug/L #	69
49) 2-Hexanone	10.93	43	8090	2.860	ug/L #	69

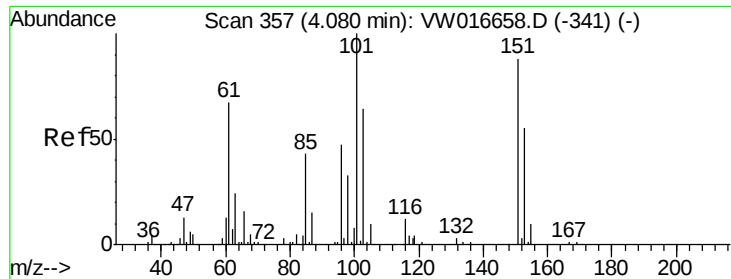
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.258 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.05 min

Lab File: VW016674.D

Acq: 28 Sep 2020 17:41

Instrument :

MSVOA_W

ClientSampled :

C0AM1

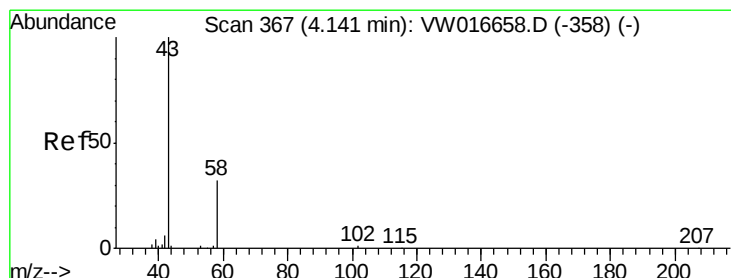
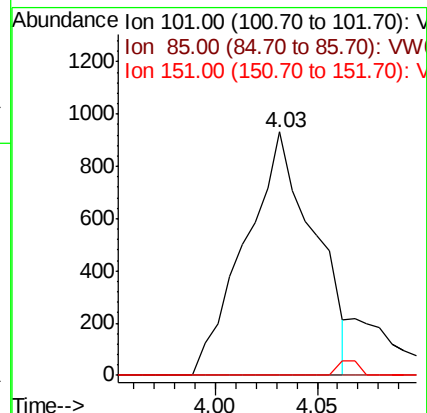
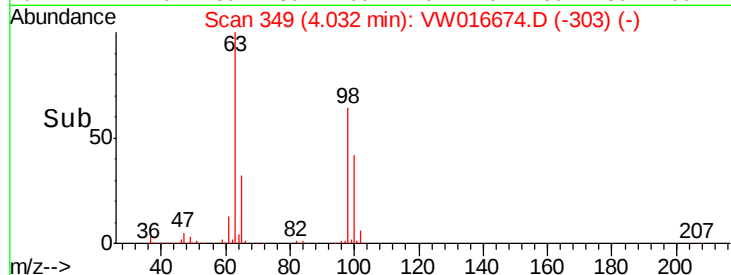
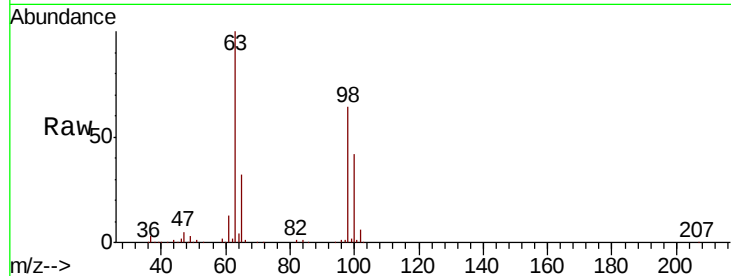
Tot Ion:101 Resp: 2174

Ion Ratio Lower Upper

101 100

85 0.0 32.6 49.0#

151 1.9 66.0 99.0#



#13

Acetone

Concen: 4.538 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016674.D

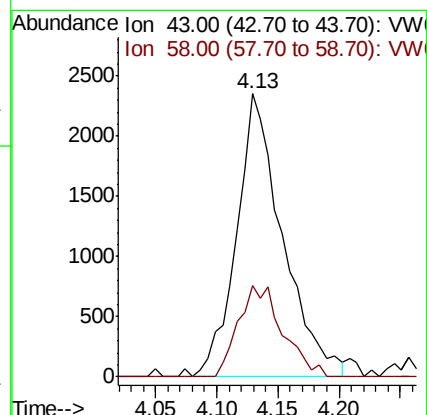
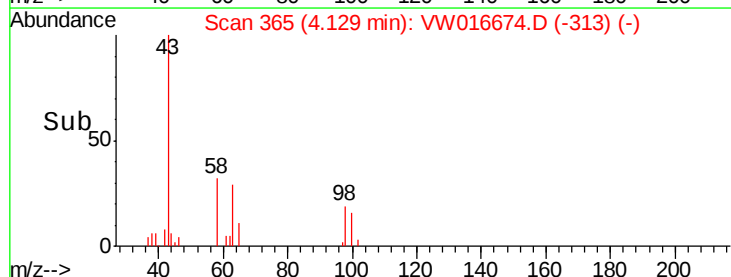
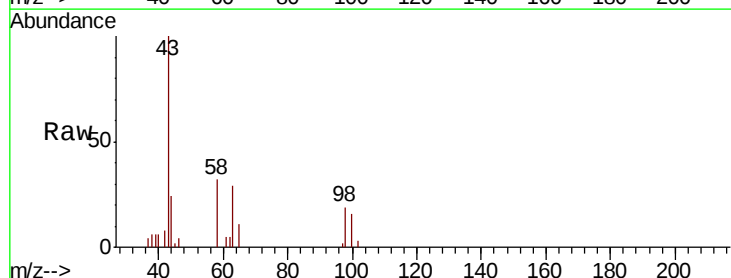
Acq: 28 Sep 2020 17:41

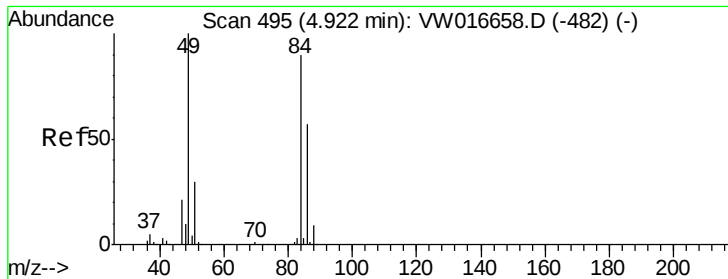
Tgt Ion: 43 Resp: 6137

Ion Ratio Lower Upper

43 100

58 31.1 0.0 60.2

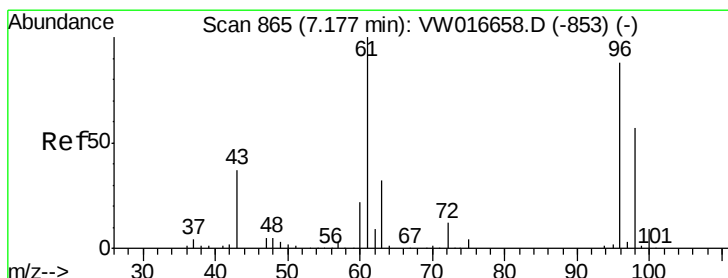
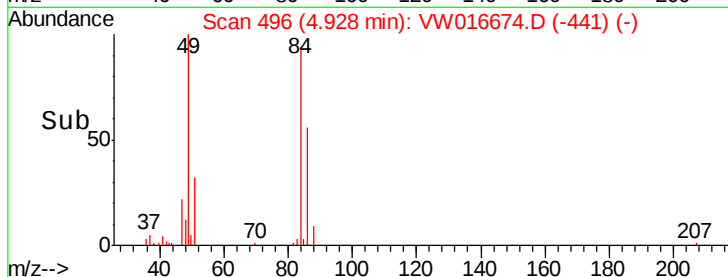
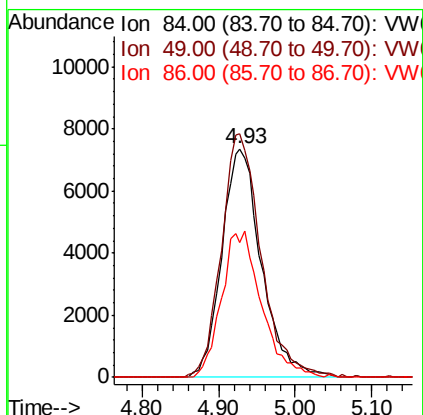
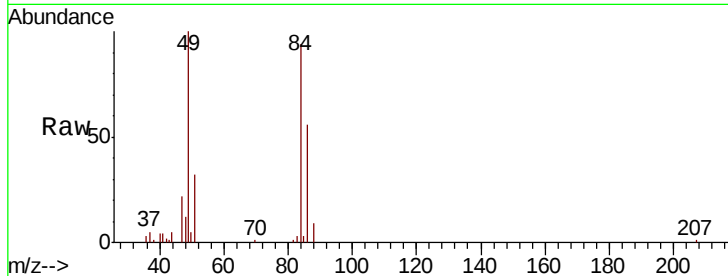




#16
Methvlene chloride
Concen: 2.616 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016674.D
Acq: 28 Sep 2020 17:41

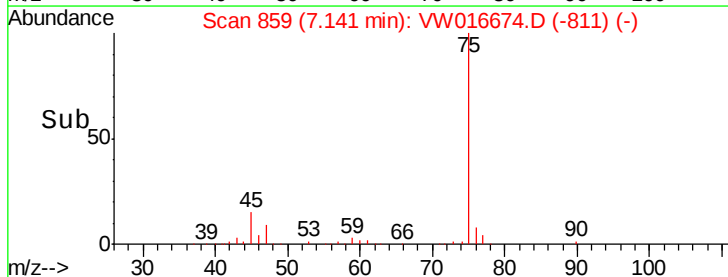
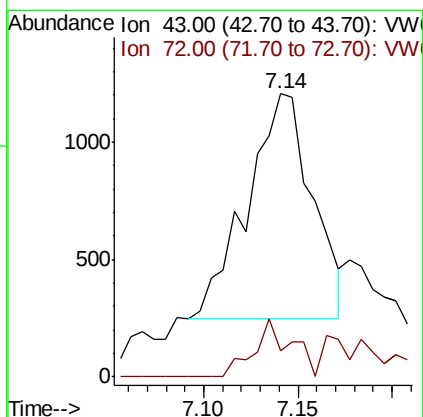
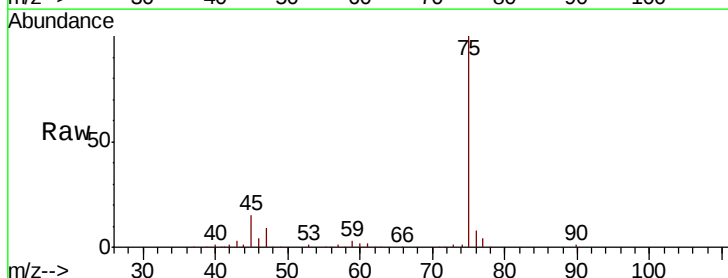
Instrument :
MSVOA_W
ClientSampled :
C0AM1

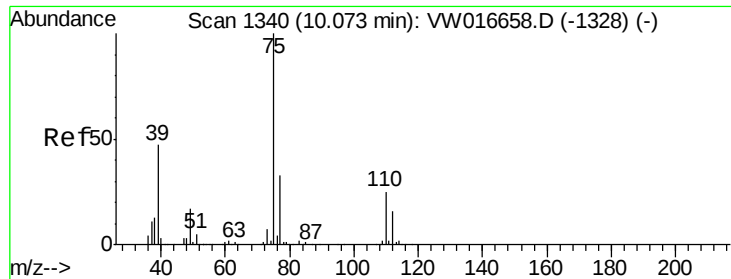
Tot Ion: 84 Resp: 26392
Ion Ratio Lower Upper
84 100
49 106.5 76.0 141.2
86 59.2 45.6 84.6



#21
2-Butanone
Concen: 1.003 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW016674.D
Acq: 28 Sep 2020 17:41

Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
72 4.7 14.6 43.8#





#42

cis-1,3-Dichloropropene

Concen: 0.525 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016674.D

Acq: 28 Sep 2020 17:41

Instrument :

MSVOA_W

ClientSampleId :

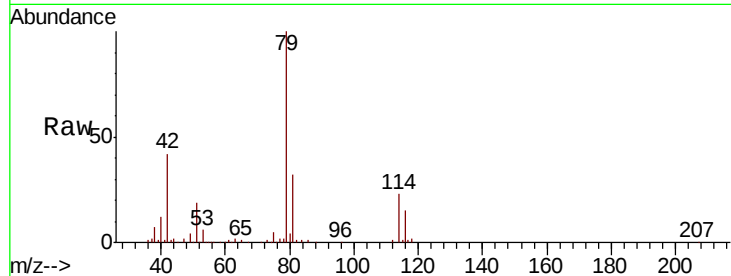
C0AM1

Tot Ion: 75 Resp: 6292

Ion Ratio Lower Upper

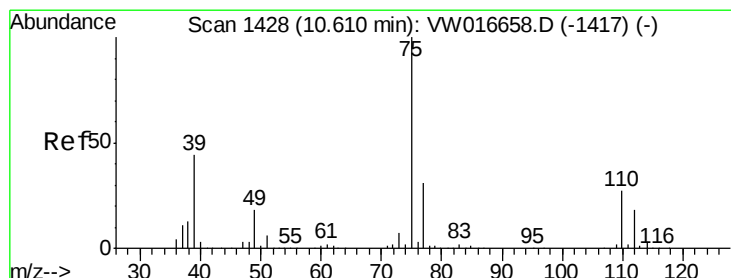
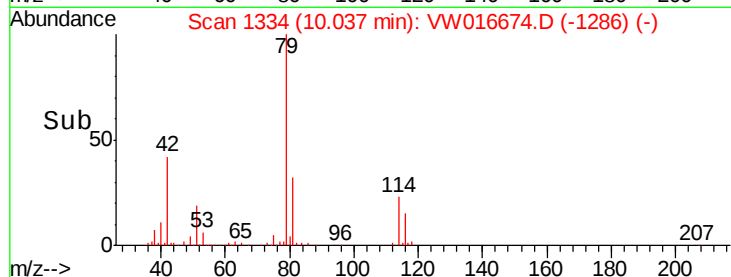
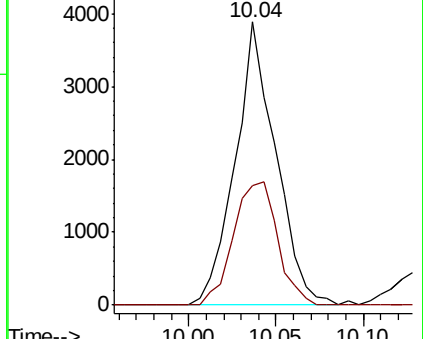
75 100

77 42.4 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.370 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016674.D

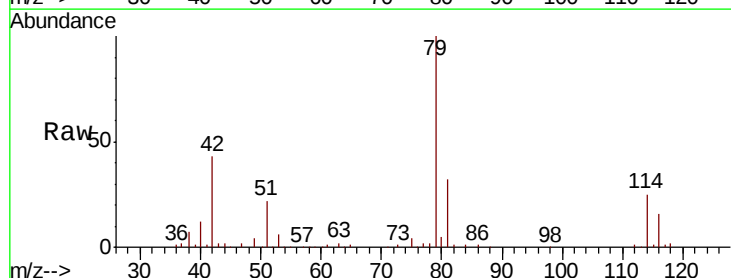
Acq: 28 Sep 2020 17:41

Tgt Ion: 75 Resp: 3857

Ion Ratio Lower Upper

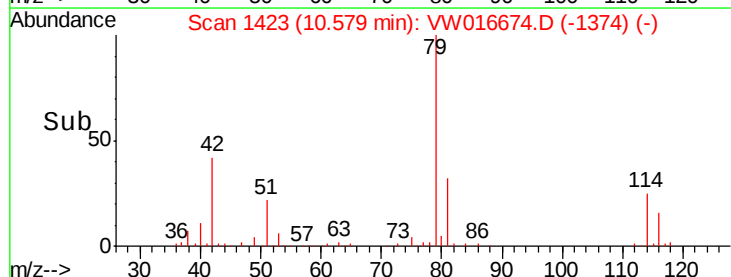
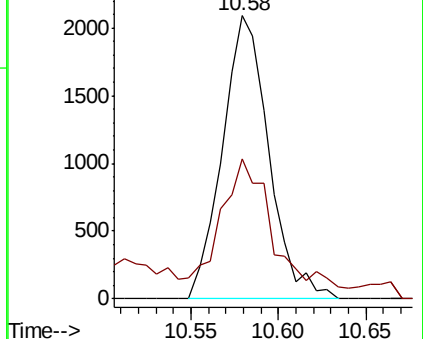
75 100

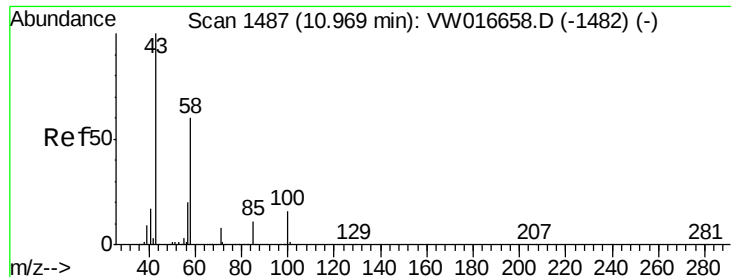
77 49.6 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.860 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016674.D

Acq: 28 Sep 2020 17:41

Instrument :

MSVOA_W

ClientSampleId :

C0AM1

Tot Ion: 43 Resp: 8090

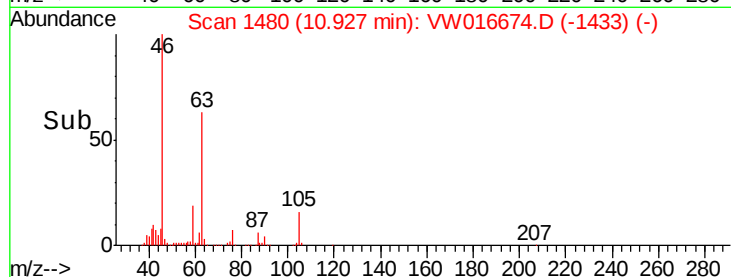
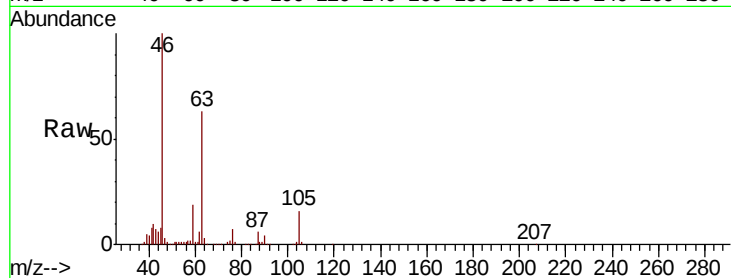
Ion Ratio Lower Upper

43 100

58 27.7 44.2 66.2#

57 24.7 16.3 24.5#

100 0.0 12.4 18.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

