

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016735.D
 Acq On : 01 Oct 2020 14:05
 Operator : SY/VA
 Sample : L4201-08RE
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:35:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	657735	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	570145	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	257657	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	115663	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.68%
7) Chloroethane-d5	2.90	69	111327	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.68%
10) 1,1-Dichloroethene-d2	4.03	63	198140	13.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.68%
20) 2-Butanone-d5	7.09	46	60033	34.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.18%
24) Chloroform-d	7.65	84	317833	23.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	8.31	65	155456	22.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.04%
29) Benzene-d6	8.28	84	620842	24.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.12%
33) 1,2-Dichloropropane-d6	9.28	67	173830	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.36%
37) Toluene-d8	10.33	98	563034	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.52%
38) trans-1,3-Dichloropropene-	10.58	79	65171	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.64%
39) 2-Hexanone-d5	10.93	63	49671	39.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.82%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	125216	21.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	189900	23.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.28%

Target Compounds

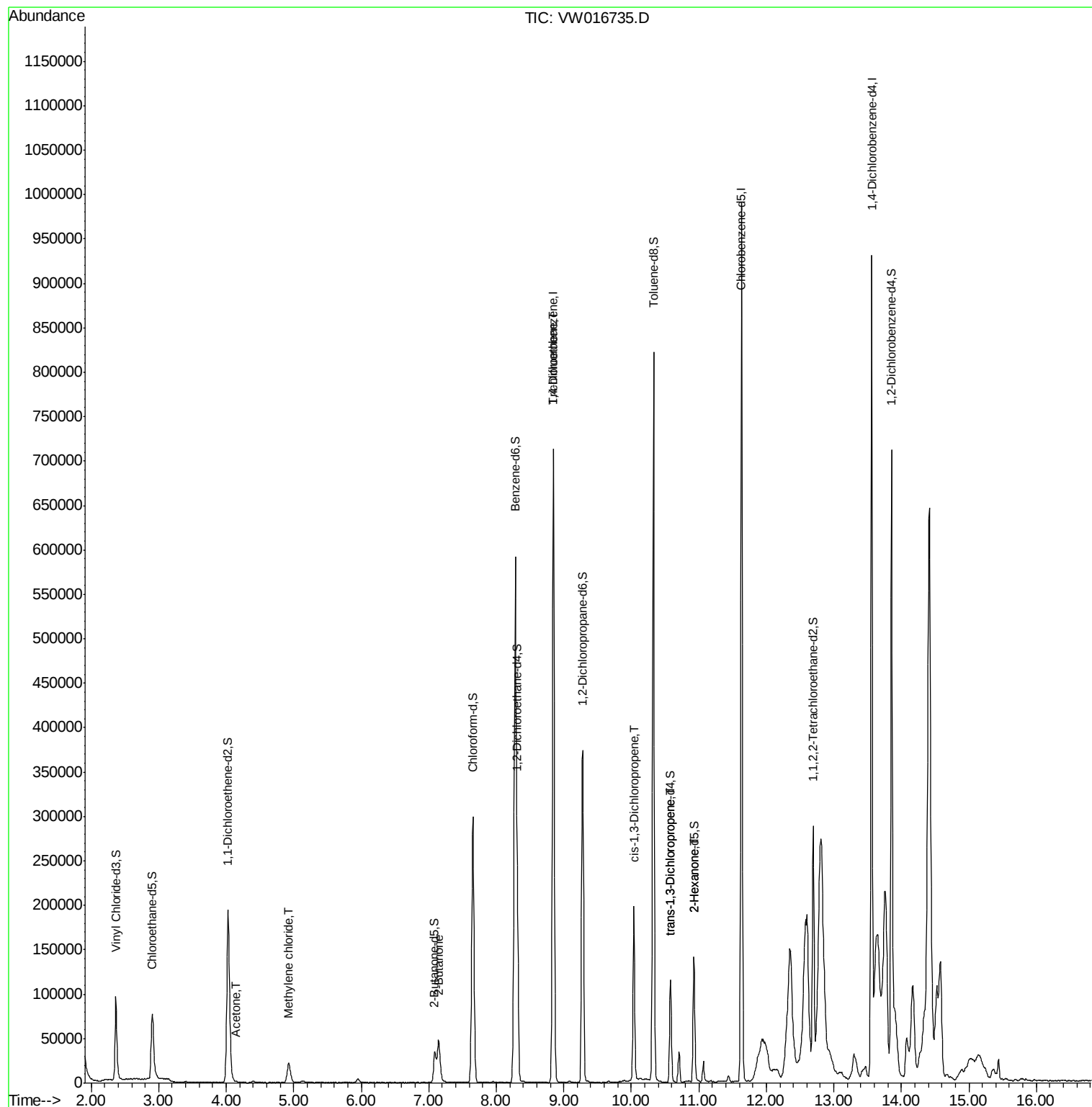
					Ovalue
13) Acetone	4.15	43	612	0.450 ug/L	87
16) Methylene chloride	4.93	84	19555	1.928 ug/L	92
21) 2-Butanone	7.15	43	2185	0.945 ug/L #	66
35) Trichloroethene	8.85	95	19254	2.178 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	5099	0.420 ug/L #	67
45) trans-1,3-Dichloropropene	10.59	75	2950	0.279 ug/L #	81
49) 2-Hexanone	10.93	43	6068	2.117 ug/L #	68

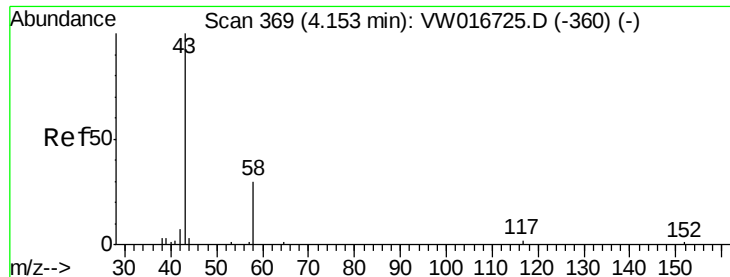
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 21:33:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.450 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW016735.D

Acq: 01 Oct 2020 14:05

Instrument :

MSVOA_W

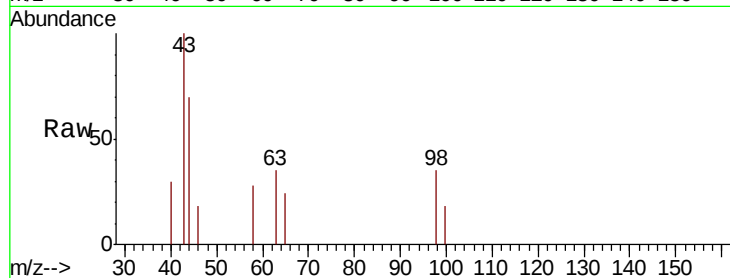
ClientSampleId :

Tot Ion: 43 Resp: 612

Ion Ratio Lower Upper

43 100

58 37.3 0.0 60.2



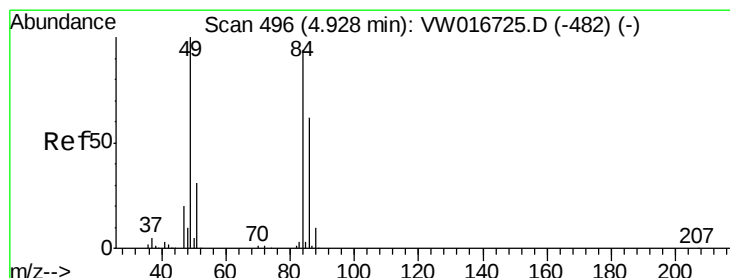
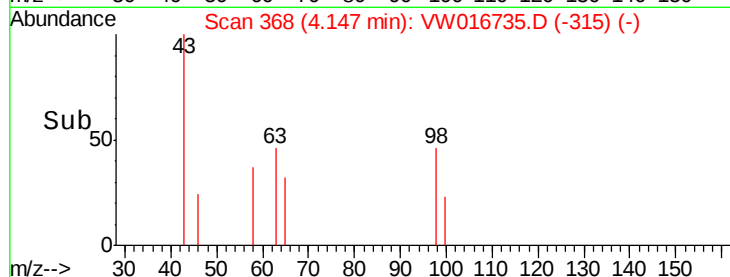
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

4.16

Time-->



#16

Methylene chloride

Concen: 1.928 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016735.D

Acq: 01 Oct 2020 14:05

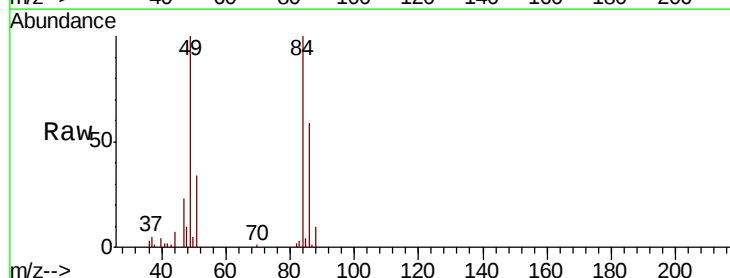
Tgt Ion: 84 Resp: 19555

Ion Ratio Lower Upper

84 100

49 100.2 76.0 141.2

86 59.5 45.6 84.6



Abundance Ion 84.00 (83.70 to 84.70): VW

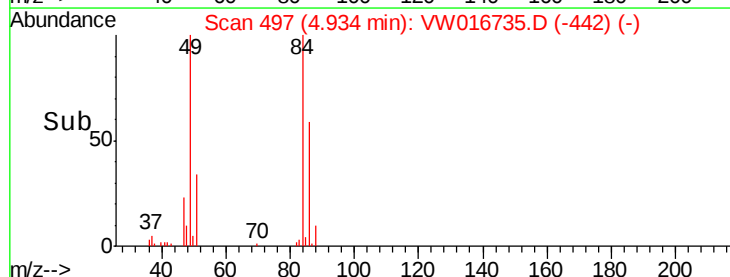
Ion 49.00 (48.70 to 49.70): VW

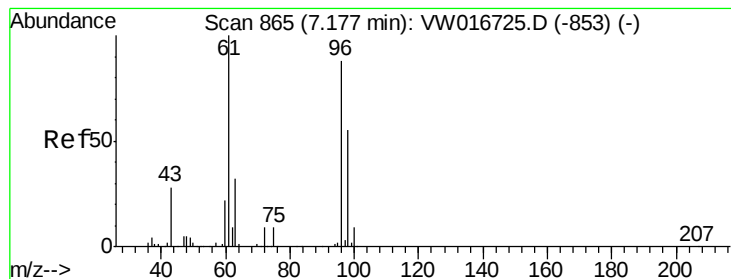
Ion 86.00 (85.70 to 86.70): VW

4.93

5.00

Time-->





#21

2-Butanone

Concen: 0.945 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW016735.D

Acq: 01 Oct 2020 14:05

Instrument :

MSVOA_W

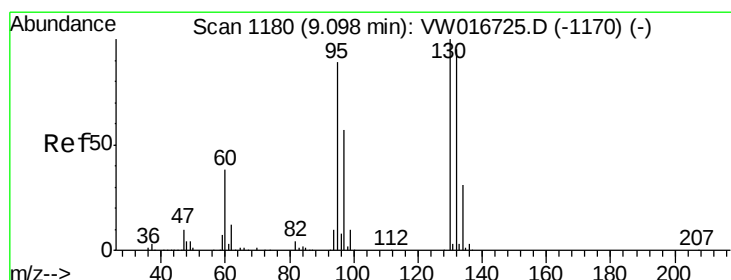
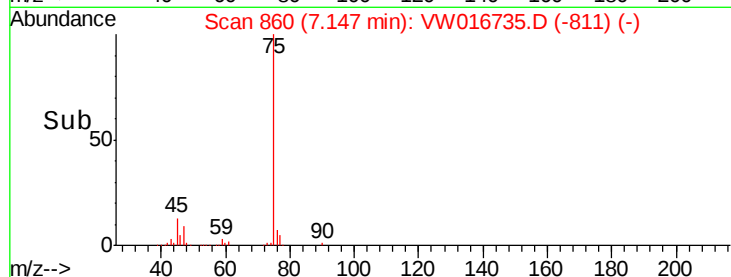
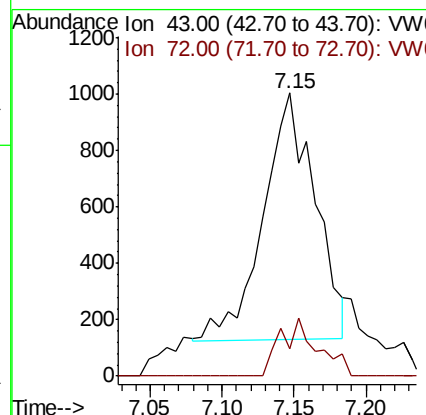
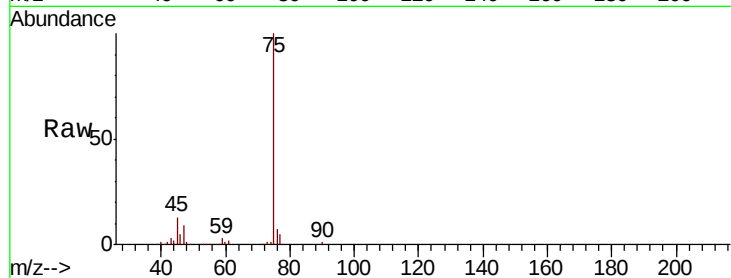
ClientSampled :

Tot Ion: 43 Resp: 2185

Ion Ratio Lower Upper

43 100

72 10.8 14.6 43.8#



#35

Trichloroethene

Concen: 2.178 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016735.D

Acq: 01 Oct 2020 14:05

Tgt Ion: 95 Resp: 19254

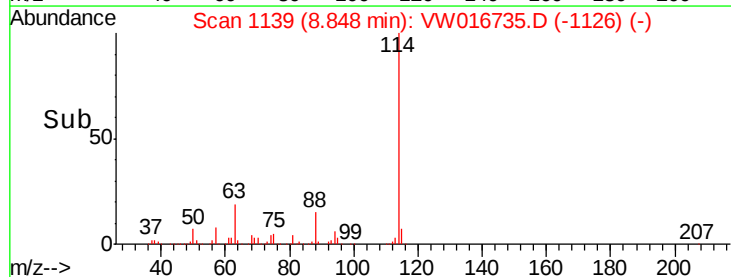
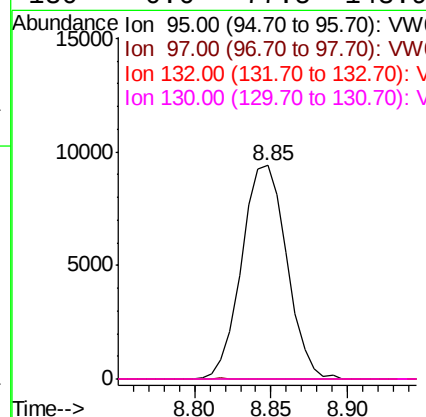
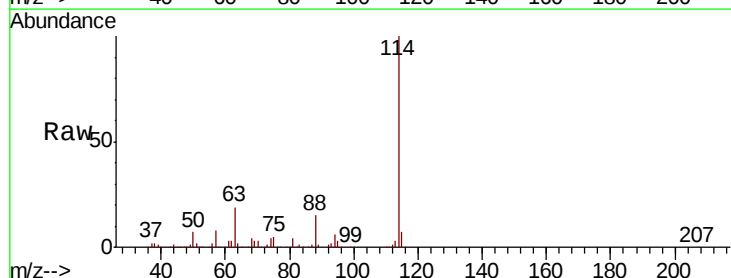
Ion Ratio Lower Upper

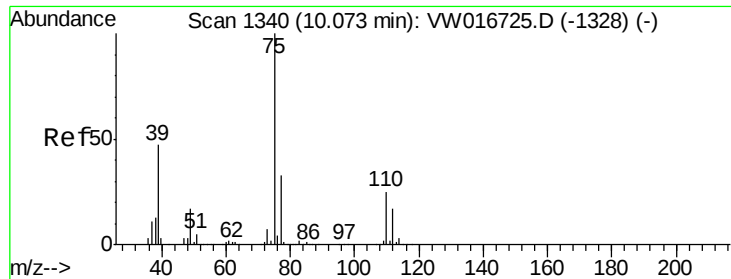
95 100

97 0.2 45.2 84.0#

132 0.7 73.3 136.1#

130 0.6 77.5 143.9#





#42

cis-1,3-Dichloropropene

Concen: 0.420 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016735.D

Acq: 01 Oct 2020 14:05

Instrument :

MSVOA_W

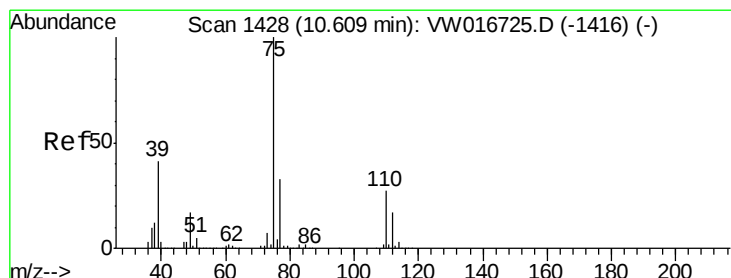
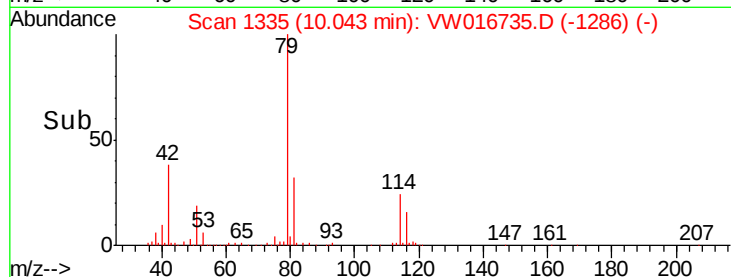
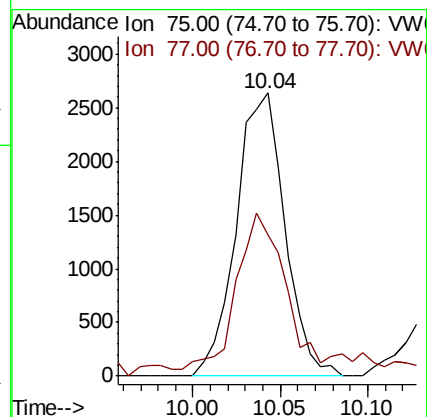
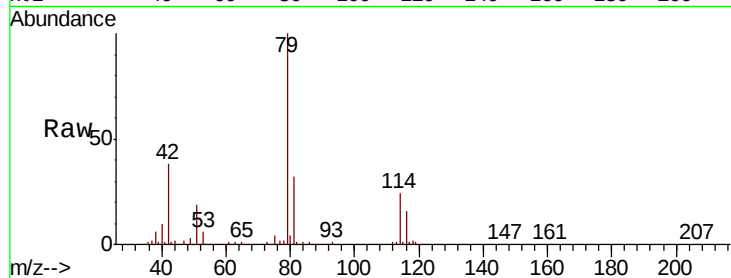
ClientSampled :

Tot Ion: 75 Resp: 5099

Ion Ratio Lower Upper

75 100

77 49.9 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.279 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016735.D

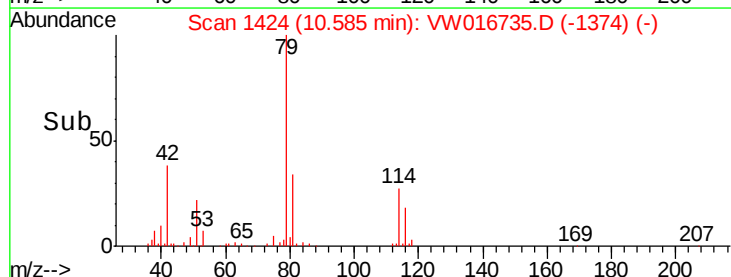
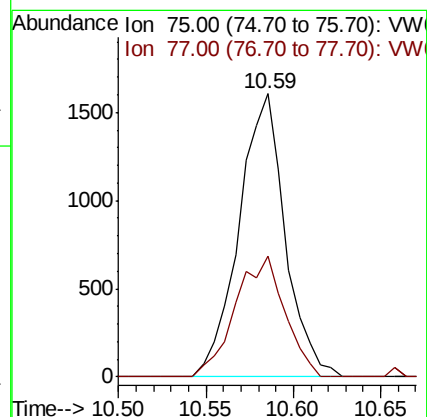
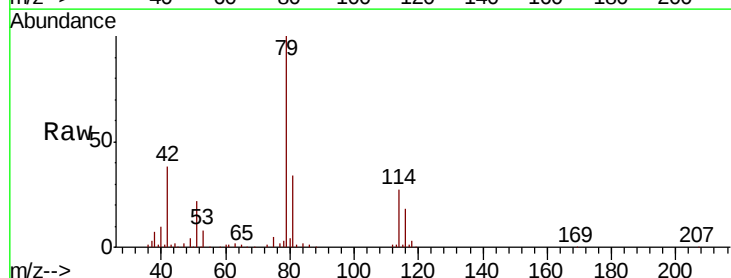
Acq: 01 Oct 2020 14:05

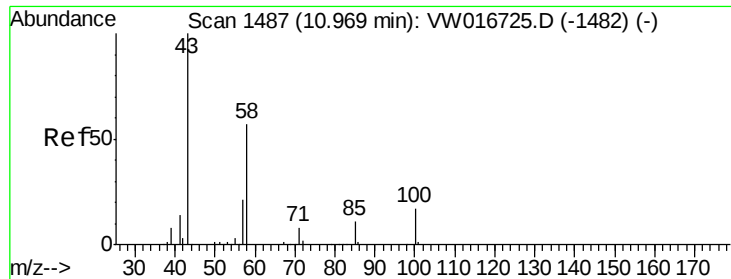
Tgt Ion: 75 Resp: 2950

Ion Ratio Lower Upper

75 100

77 42.7 22.5 41.9#





#49

2-Hexanone

Concen: 2.117 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

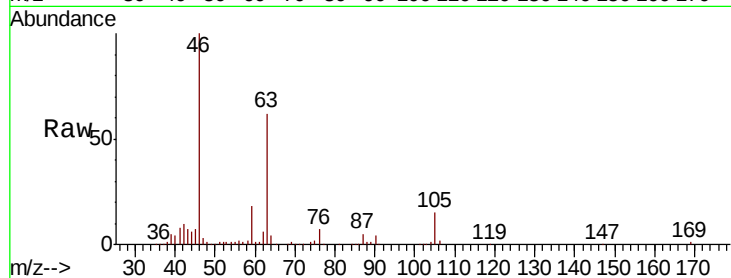
Lab File: VW016735.D

Acq: 01 Oct 2020 14:05

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	43	Resp:	6068
Ion	Ratio	Lower	Upper
43	100		
58	25.9	44.2	66.2#
57	23.1	16.3	24.5
100	0.7	12.4	18.6#

