

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016705.D
 Acq On : 30 Sep 2020 11:27
 Operator : SY/VA
 Sample : L4184-01
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AJ6

Quant Time: Oct 01 05:06:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	657727	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	567676	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	273741	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	133569	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
7) Chloroethane-d5	2.91	69	126347	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
10) 1,1-Dichloroethene-d2	4.03	63	221587	15.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.28%
20) 2-Butanone-d5	7.09	46	58044	33.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.88%
24) Chloroform-d	7.66	84	337428	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	8.31	65	159367	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.24%
29) Benzene-d6	8.28	84	672486	26.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.64%
33) 1,2-Dichloropropane-d6	9.28	67	182613	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.88%
37) Toluene-d8	10.33	98	633816	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.24%
38) trans-1,3-Dichloropropene-	10.59	79	69954	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.44%
39) 2-Hexanone-d5	10.93	63	46395	36.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121781	20.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	224116	25.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.48%

Target Compounds

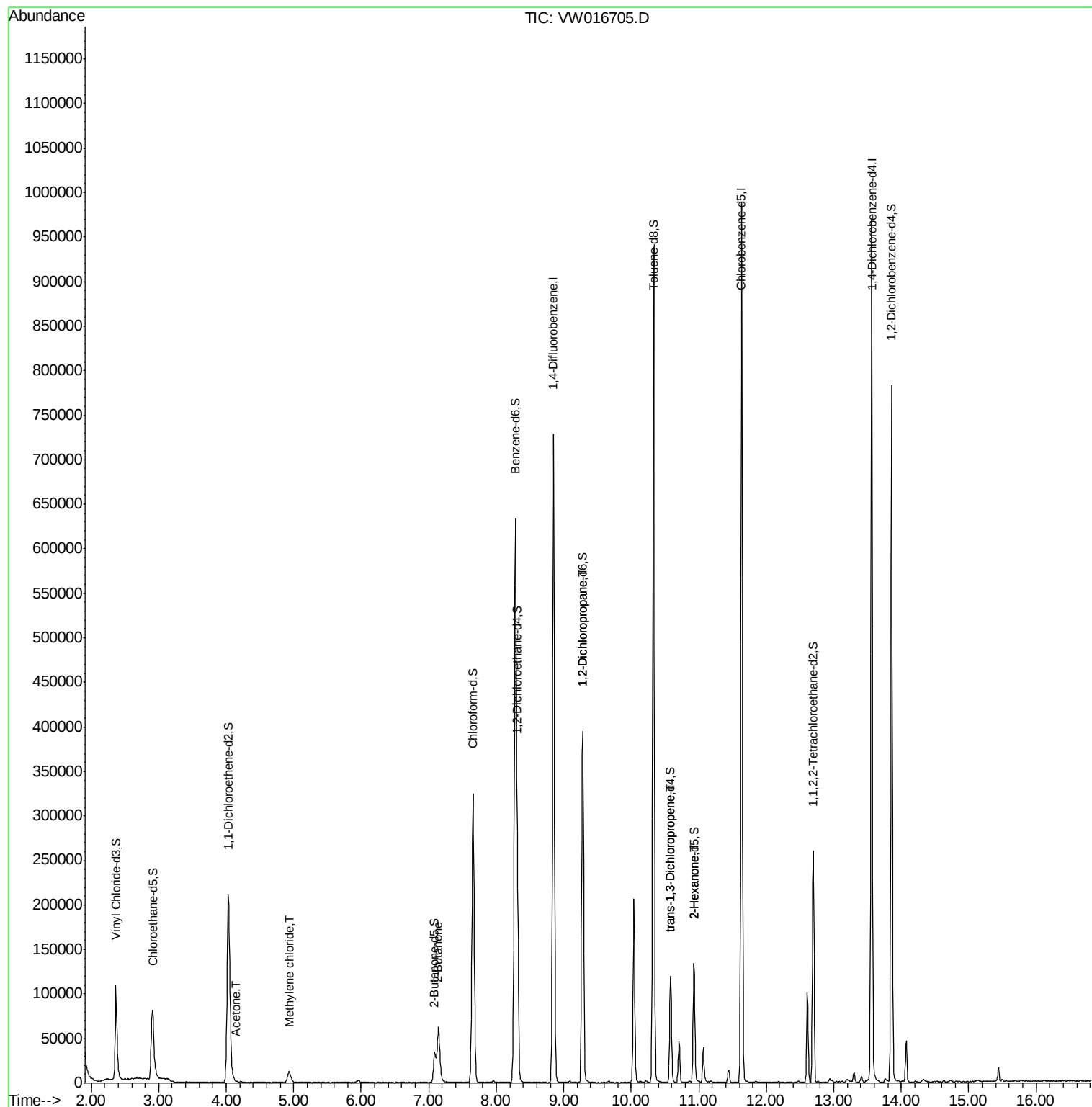
					Ovalue
13) Acetone	4.15	43	976	0.718 ug/L	81
16) Methylene chloride	4.93	84	10716	1.056 ug/L	93
21) 2-Butanone	7.14	43	3466	1.498 ug/L #	57
40) 1,2-Dichloropropane	9.28	63	21532	3.043 ug/L #	83
45) trans-1,3-Dichloropropene	10.58	75	3231	0.307 ug/L	88
49) 2-Hexanone	10.93	43	5488	1.923 ug/L #	67

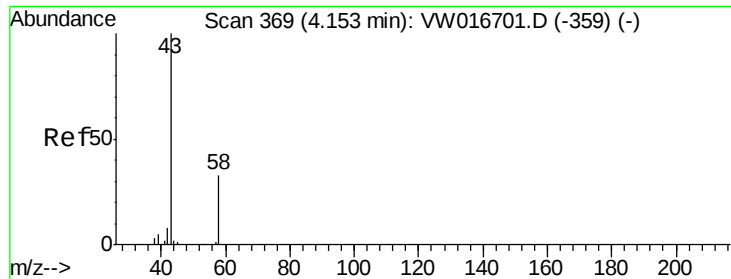
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.718 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW016705.D

Acq: 30 Sep 2020 11:27

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MSVOA_W

ClientSampleId :

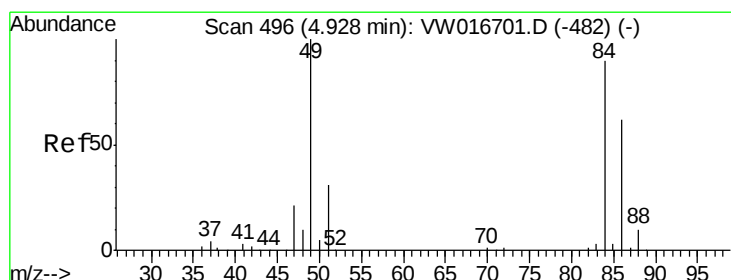
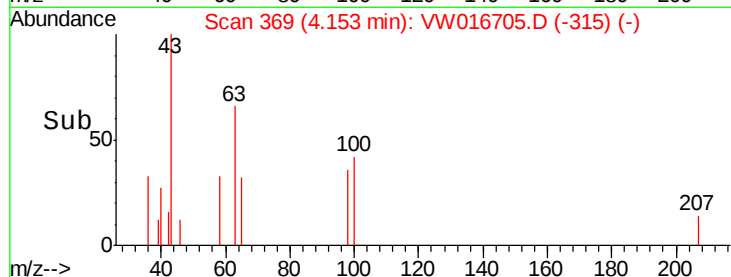
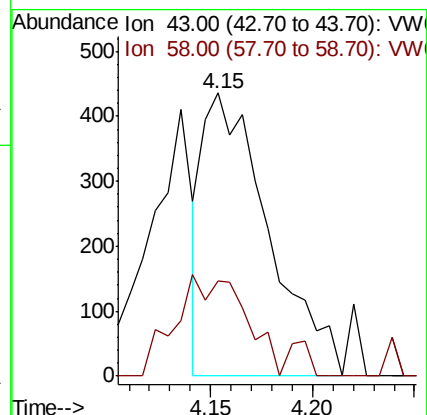
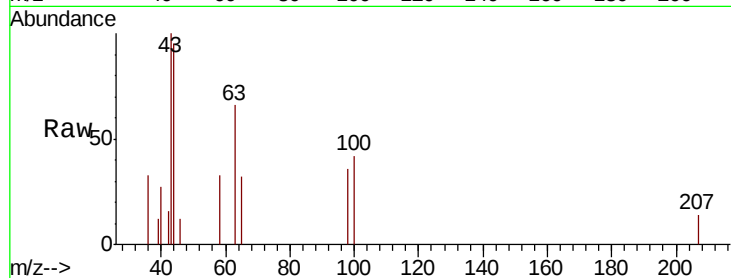
C0AJ6

Tot Ion: 43 Resp: 976

Ion Ratio Lower Upper

43 100

58 19.6 0.0 60.2



#16

Methylene chloride

Concen: 1.056 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016705.D

Acq: 30 Sep 2020 11:27

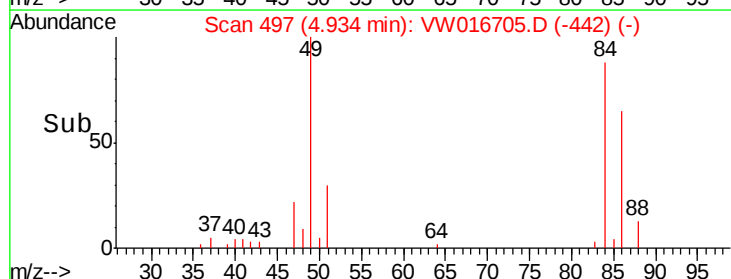
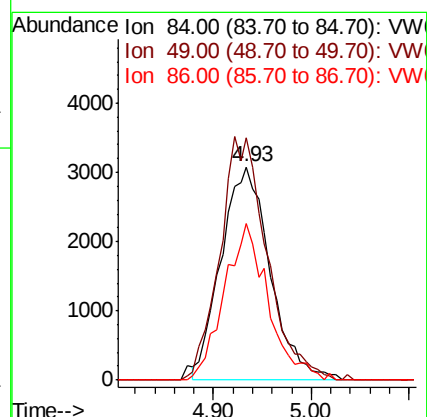
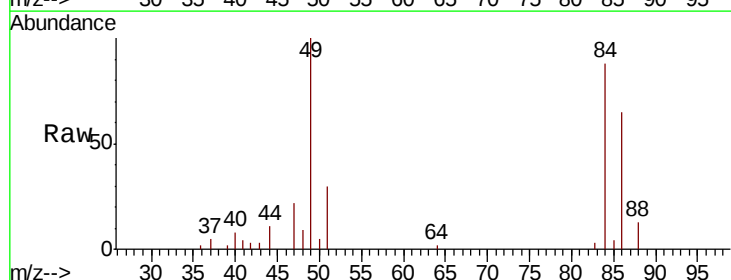
Tgt Ion: 84 Resp: 10716

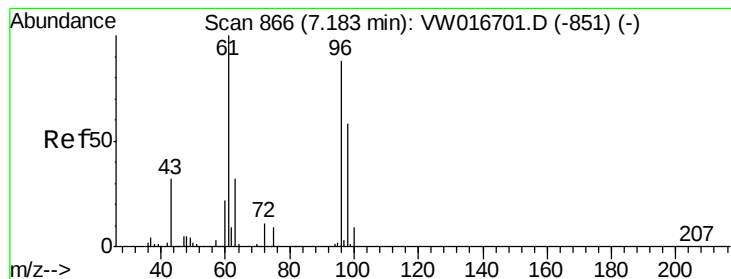
Ion Ratio Lower Upper

84 100

49 113.8 76.0 141.2

86 73.5 45.6 84.6





#21

2-Butanone

Concen: 1.498 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW016705.D

Acq: 30 Sep 2020 11:27

Instrument :

MSVOA_W

ClientSampleId :

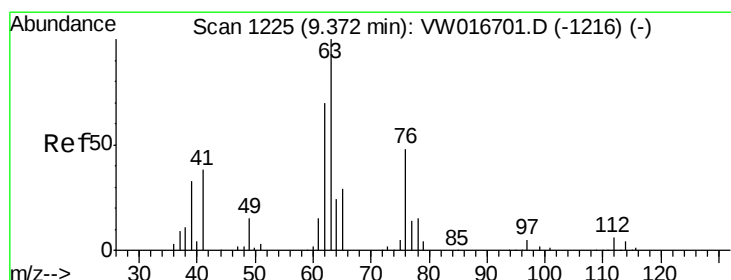
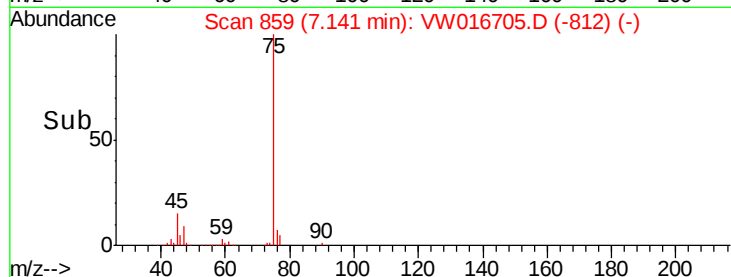
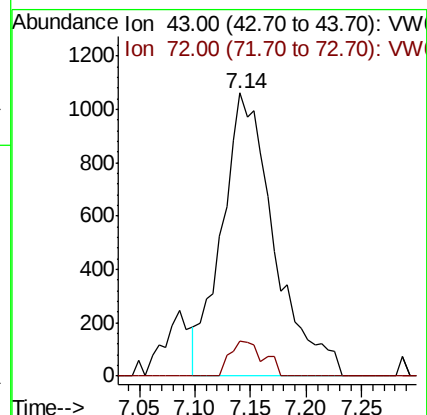
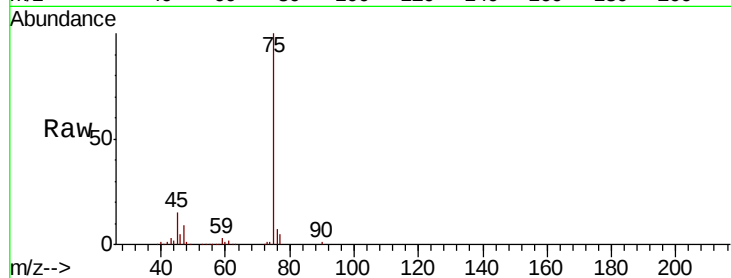
C0AJ6

Tot Ion: 43 Resp: 3466

Ion Ratio Lower Upper

43 100

72 6.3 14.6 43.8#



#40

1,2-Dichloropropane

Concen: 3.043 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016705.D

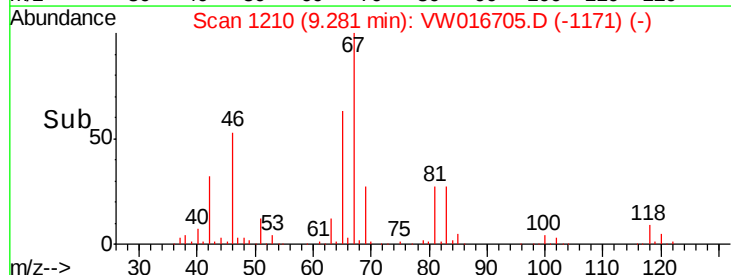
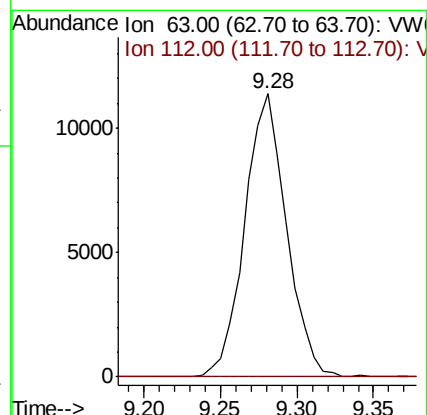
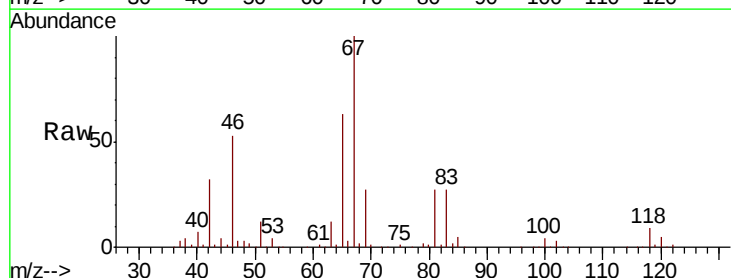
Acq: 30 Sep 2020 11:27

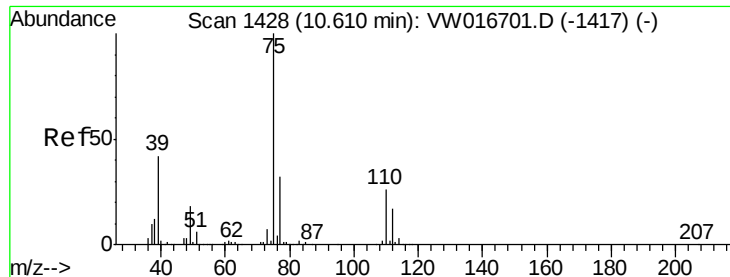
Tgt Ion: 63 Resp: 21532

Ion Ratio Lower Upper

63 100

112 0.0 4.5 6.7#





#45

trans-1,3-Dichloropropene

Concen: 0.307 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016705.D

Acq: 30 Sep 2020 11:27

Instrument :

MSVOA_W

ClientSampled :

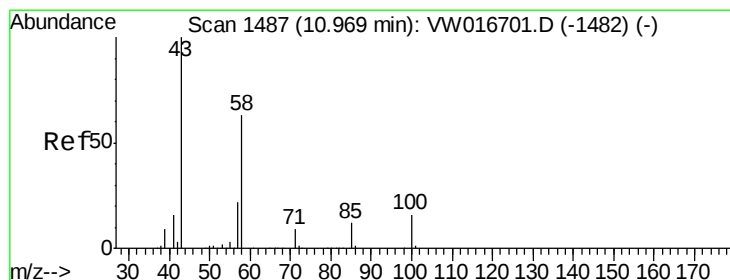
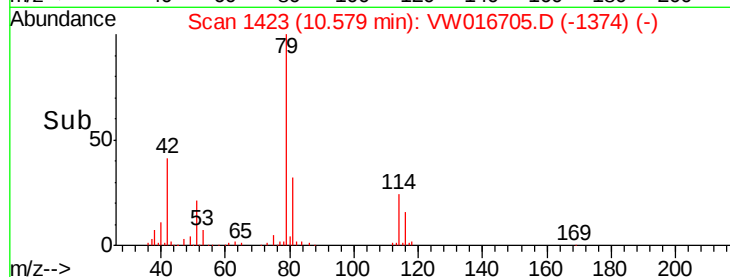
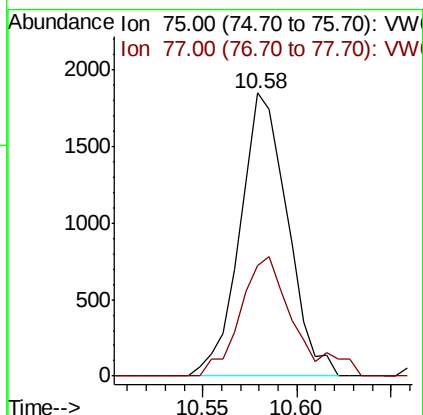
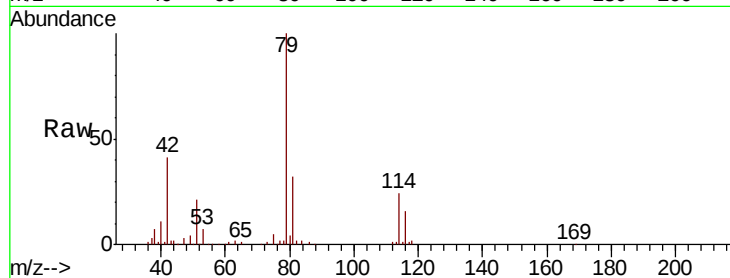
C0AJ6

Tot Ion: 75 Resp: 3231

Ion Ratio Lower Upper

75 100

77 39.1 22.5 41.9



#49

2-Hexanone

Concen: 1.923 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016705.D

Acq: 30 Sep 2020 11:27

Tgt Ion: 43 Resp: 5488

Ion Ratio Lower Upper

43 100

58 27.3 44.2 66.2#

57 26.5 16.3 24.5#

100 0.0 12.4 18.6#

