

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016721.D
 Acq On : 30 Sep 2020 18:50
 Operator : SY/VA
 Sample : L4201-09
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL3

Quant Time: Oct 01 05:08:05 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	667507	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	569244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	228900	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	102337	15.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.36%
7) Chloroethane-d5	2.90	69	96247	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
10) 1,1-Dichloroethene-d2	4.17	63	203	0.01	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.09	46	68079	38.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.30%
24) Chloroform-d	7.65	84	311899	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.31	65	168068	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.80%
29) Benzene-d6	8.28	84	578042	22.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.56%
33) 1,2-Dichloropropane-d6	9.28	67	167728	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.33	98	530242	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.44%
38) trans-1,3-Dichloropropene-	10.59	79	66941	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.76%
39) 2-Hexanone-d5	10.93	63	56850	45.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141906	24.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	178659	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds

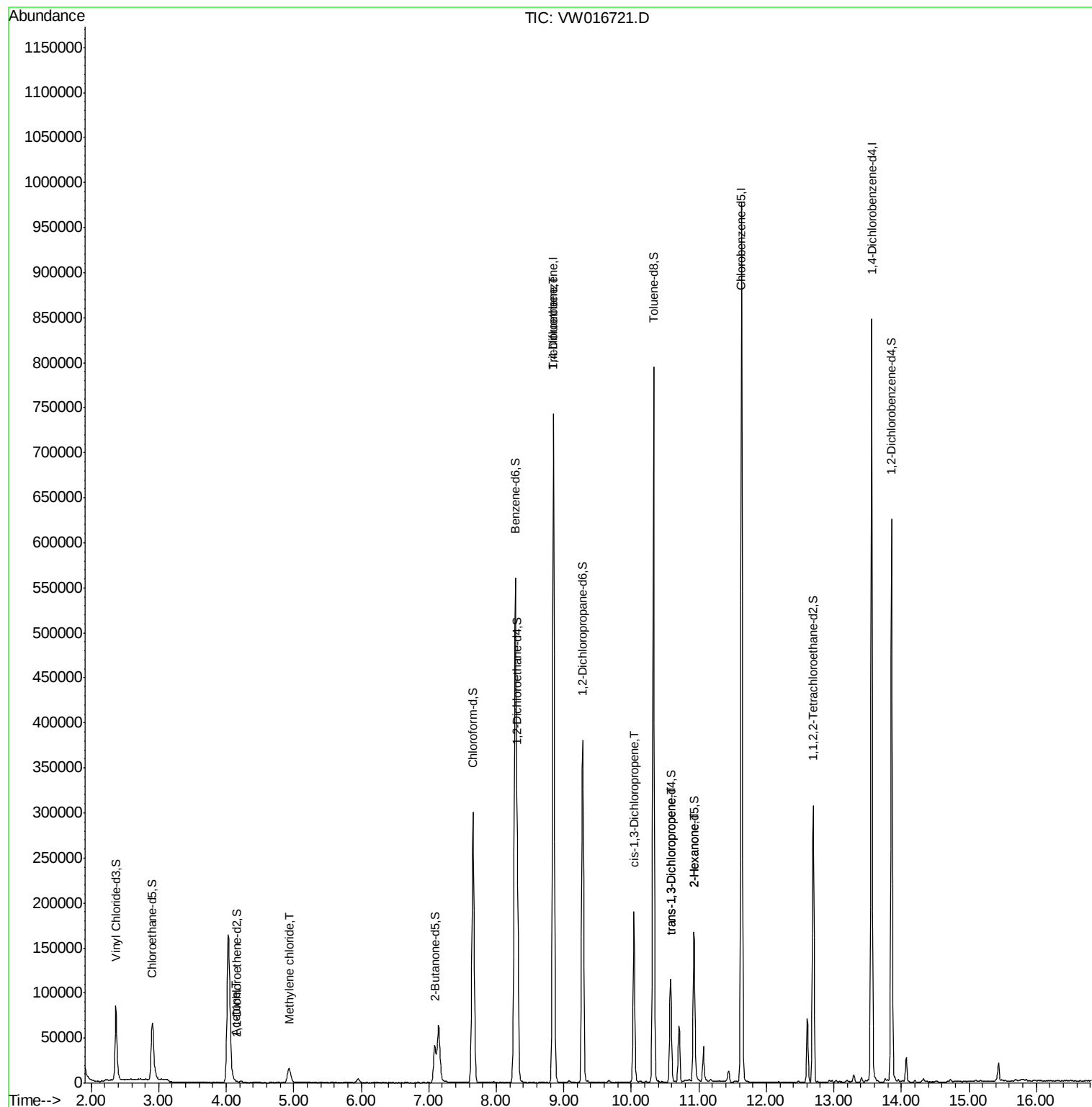
					Ovalue
13) Acetone	4.15	43	1134	0.822 ug/L	95
16) Methylene chloride	4.93	84	14854	1.443 ug/L	90
35) Trichloroethene	8.85	95	19689	2.230 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	5637	0.465 ug/L #	71
45) trans-1,3-Dichloropropene	10.59	75	3403	0.323 ug/L #	79
49) 2-Hexanone	10.93	43	9445	3.301 ug/L #	65

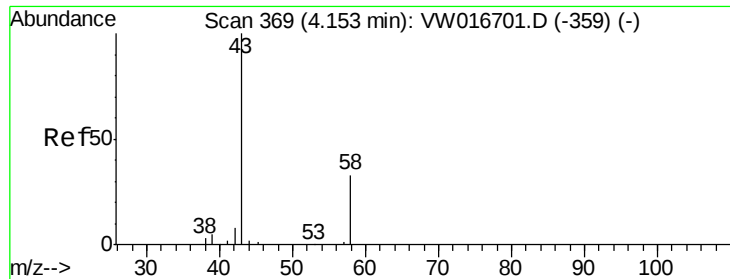
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 05:05:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.822 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

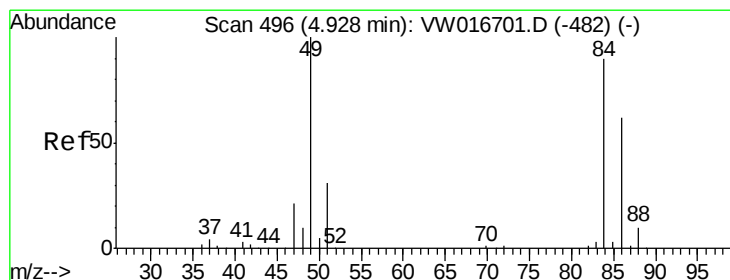
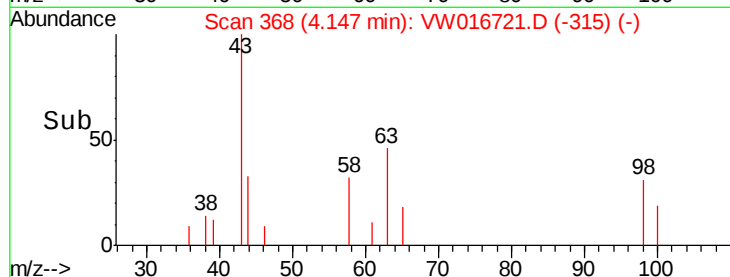
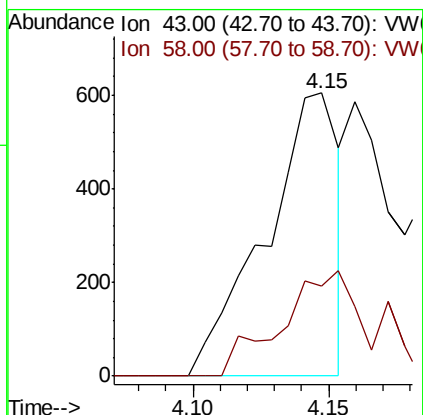
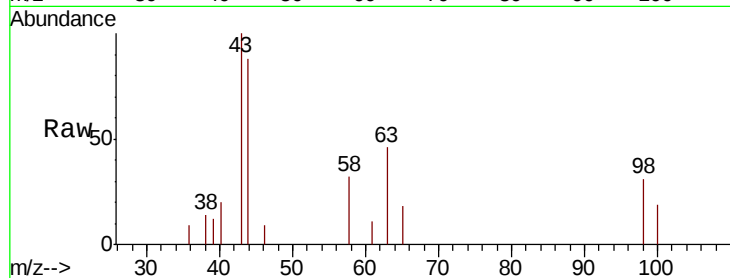
C0AL3

Tot Ion: 43 Resp: 1134

Ion Ratio Lower Upper

43 100

58 32.7 0.0 60.2



#16

Methylene chloride

Concen: 1.443 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016721.D

Acq: 30 Sep 2020 18:50

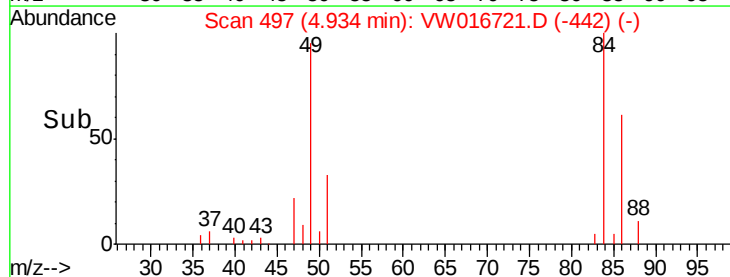
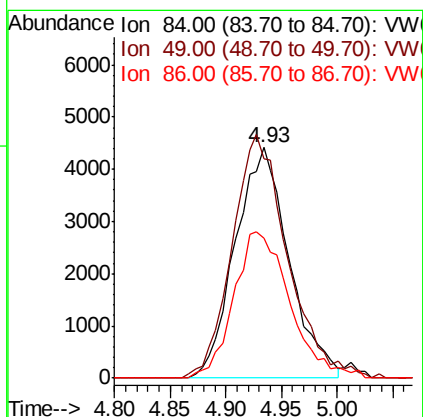
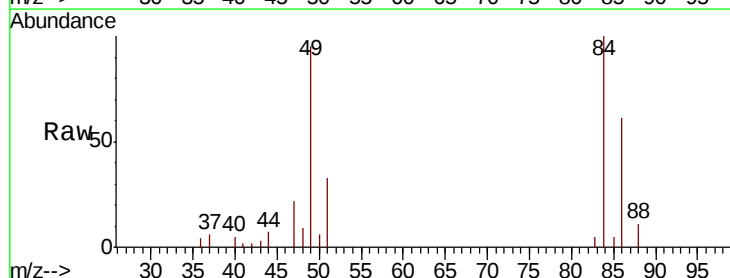
Tgt Ion: 84 Resp: 14854

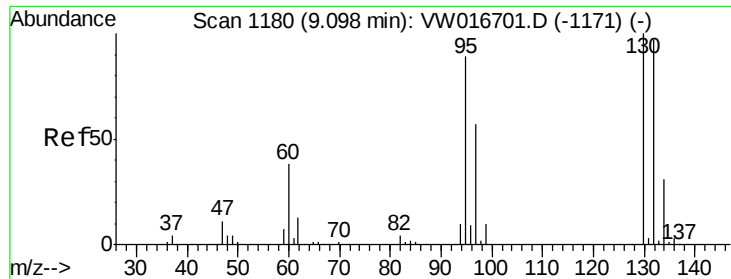
Ion Ratio Lower Upper

84 100

49 94.9 76.0 141.2

86 60.9 45.6 84.6





#35

Trichloroethene

Concen: 2.230 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016721.D

Acq: 30 Sep 2020 18:50

Instrument :

MSVOA_W

ClientSampleId :

C0AL3

Tot Ion: 95 Resp: 19689

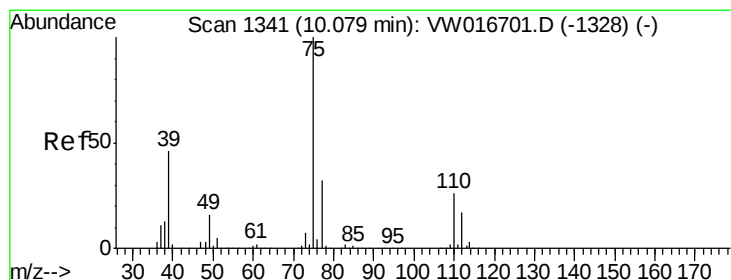
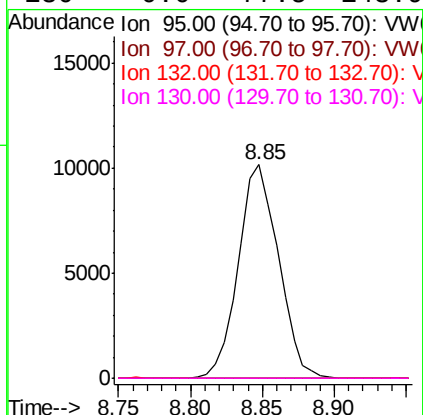
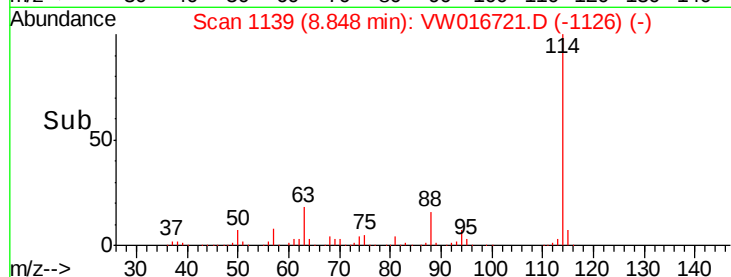
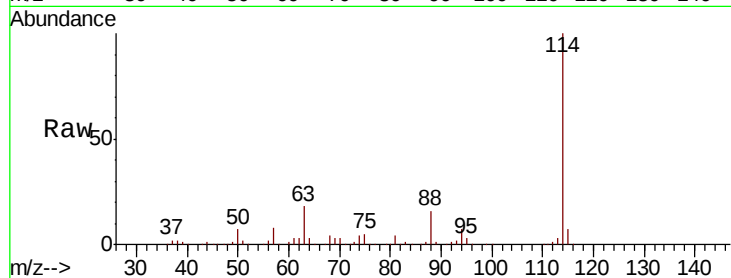
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#



#42

cis-1,3-Dichloropropene

Concen: 0.465 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016721.D

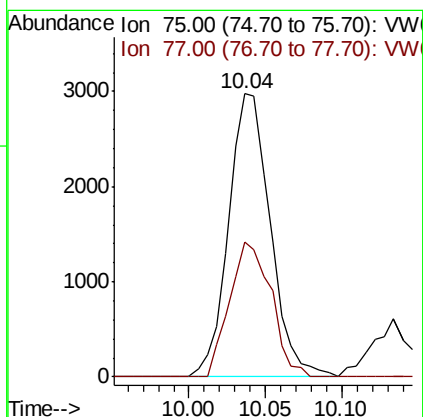
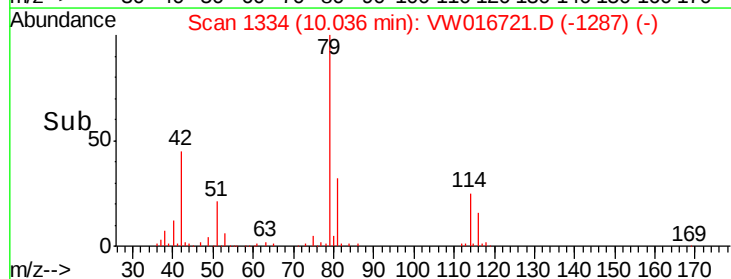
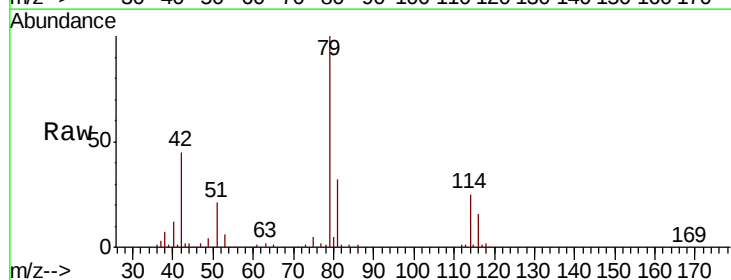
Acq: 30 Sep 2020 18:50

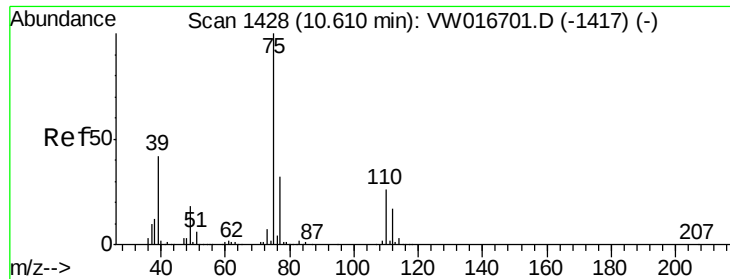
Tgt Ion: 75 Resp: 5637

Ion Ratio Lower Upper

75 100

77 47.5 22.2 41.2#





#45

trans-1,3-Dichloropropene

Concen: 0.323 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016721.D

Acq: 30 Sep 2020 18:50

Instrument :

MSVOA_W

ClientSampleId :

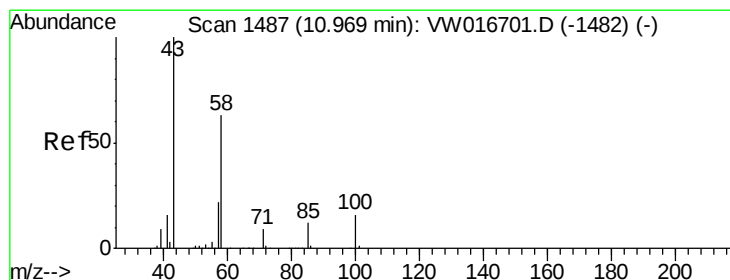
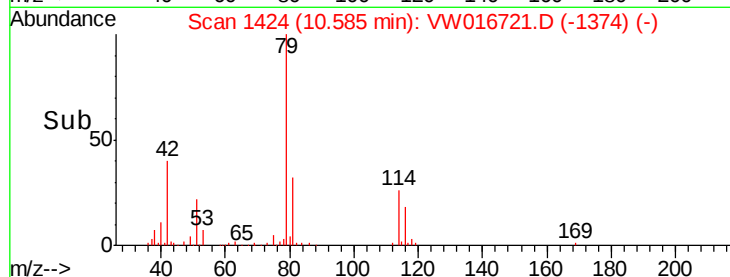
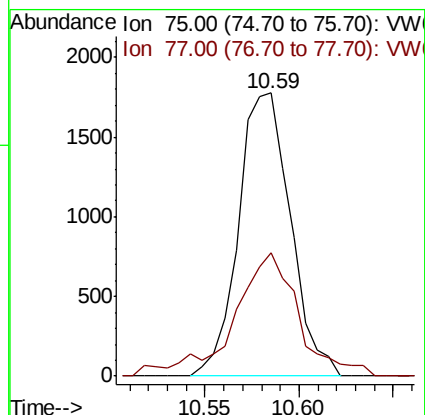
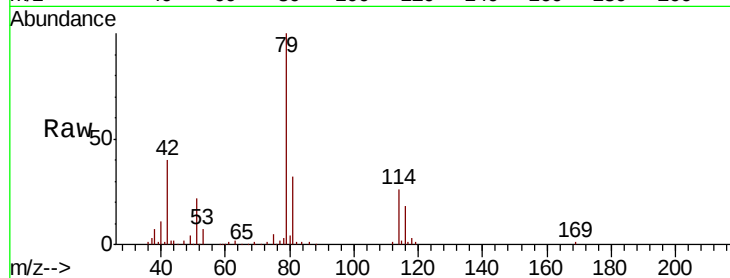
C0AL3

Tot Ion: 75 Resp: 3403

Ion Ratio Lower Upper

75 100

77 43.7 22.5 41.9#



#49

2-Hexanone

Concen: 3.301 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016721.D

Acq: 30 Sep 2020 18:50

Tgt Ion: 43 Resp: 9445

Ion Ratio Lower Upper

43 100

58 21.2 44.2 66.2#

57 17.8 16.3 24.5

100 2.0 12.4 18.6#

