

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017534.D
 Acq On : 03 Dec 2020 15:35
 Operator : SY/VA
 Sample : VIBLK16
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 00:33:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	426124	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385058	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195806	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113523	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.00%
7) Chloroethane-d5	2.89	69	95534	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.80%
10) 1,1-Dichloroethene-d2	4.03	63	193092	15.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.88%
20) 2-Butanone-d5	7.08	46	61454	51.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.98%
24) Chloroform-d	7.65	84	263548	21.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.08%
26) 1,2-Dichloroethane-d4	8.31	65	140924	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.92%
29) Benzene-d6	8.28	84	511560	21.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.40%
33) 1,2-Dichloropropane-d6	9.27	67	147217	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.88%
37) Toluene-d8	10.33	98	462707	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.84%
38) trans-1,3-Dichloropropene-	10.58	79	65251	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.16%
39) 2-Hexanone-d5	10.93	63	40758	50.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115089	24.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	164161	22.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.60%

Target Compounds

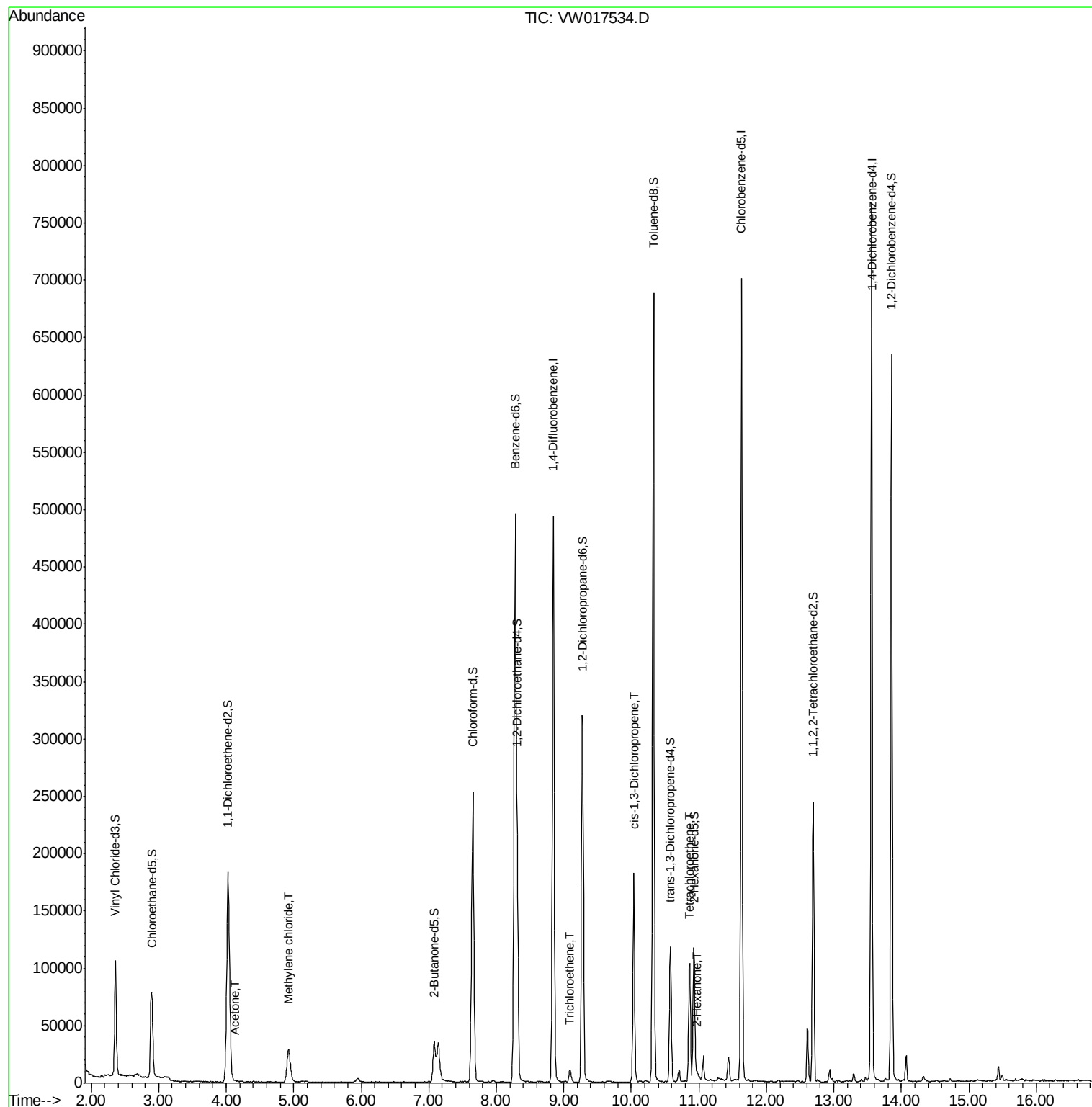
					Ovalue
13) Acetone	4.14	43	965	0.848 ug/L	92
16) Methylene chloride	4.93	84	24974	3.904 ug/L	97
35) Trichloroethene	9.09	95	3151	0.491 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	4650	0.552 ug/L #	76
47) Tetrachloroethene	10.87	164	24057	4.401 ug/L	94
49) 2-Hexanone	10.98	43	742	0.420 ug/L #	62

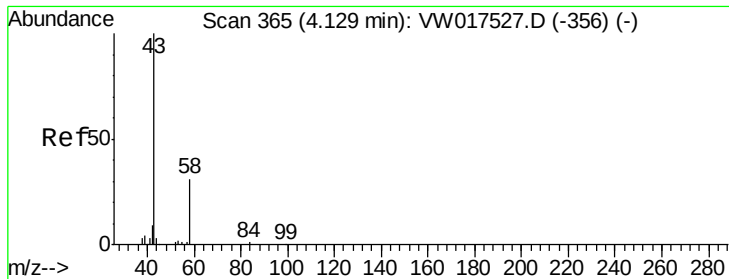
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Dec 20 00:31:51 2020
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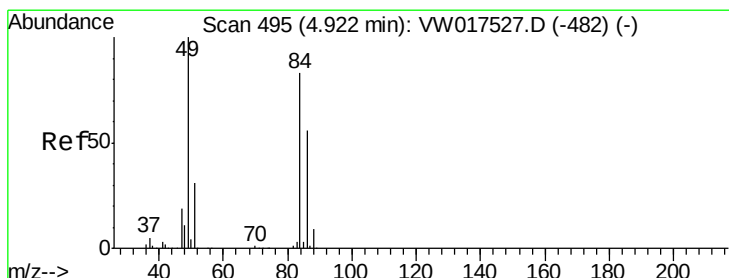
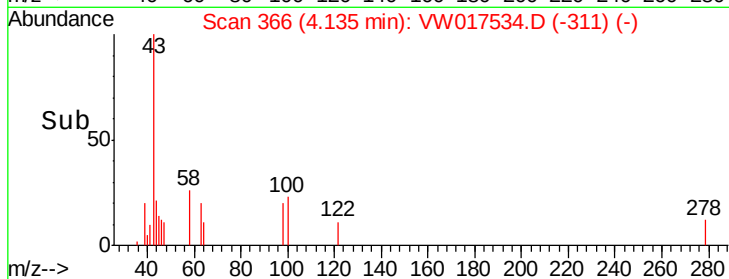
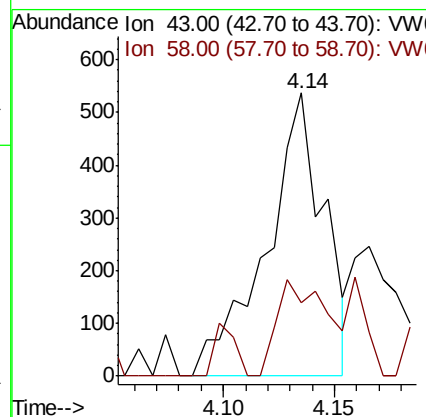
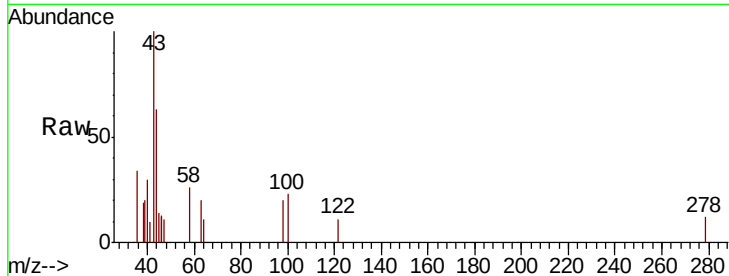




#13
Acetone
Concen: 0.848 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW017534.D
Acq: 03 Dec 2020 15:35

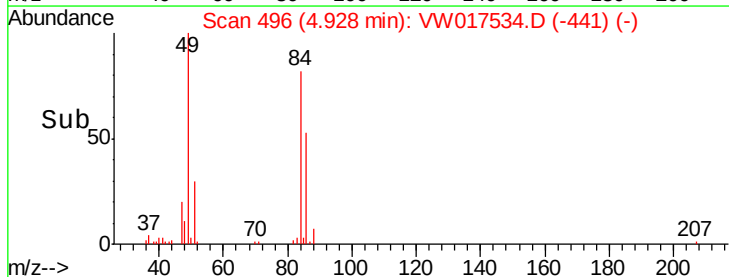
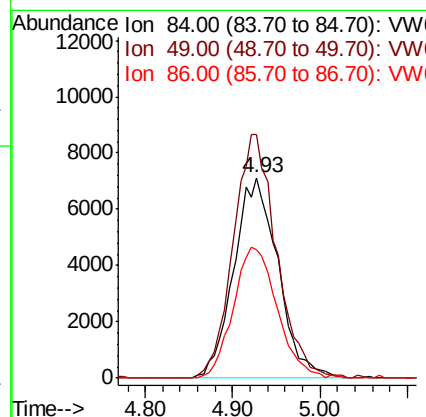
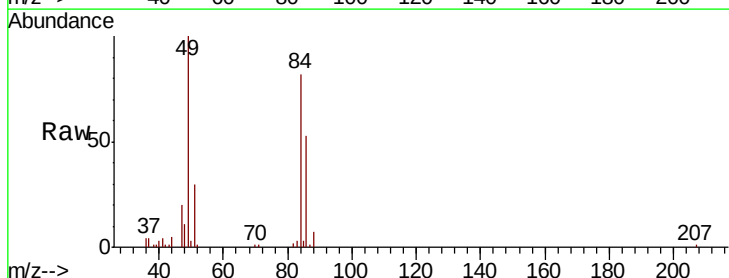
Instrument :
MSVOA_W
ClientSampled :

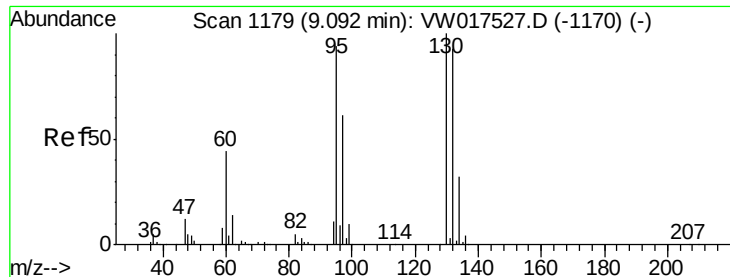
Tot Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 29.6 0.0 68.4



#16
Methylene chloride
Concen: 3.904 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017534.D
Acq: 03 Dec 2020 15:35

Tgt Ion: 84 Resp: 24974
Ion Ratio Lower Upper
84 100
49 121.4 81.2 150.8
86 63.8 44.5 82.7





#35

Trichloroethene

Concen: 0.491 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW017534.D

Acq: 03 Dec 2020 15:35

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 3151

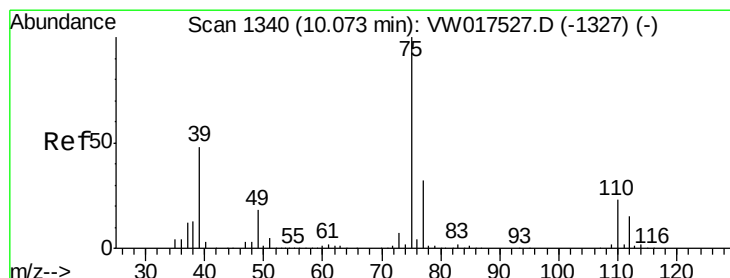
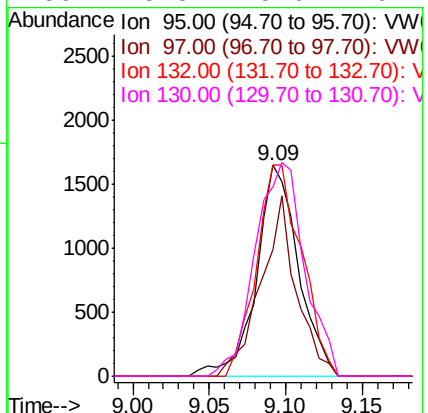
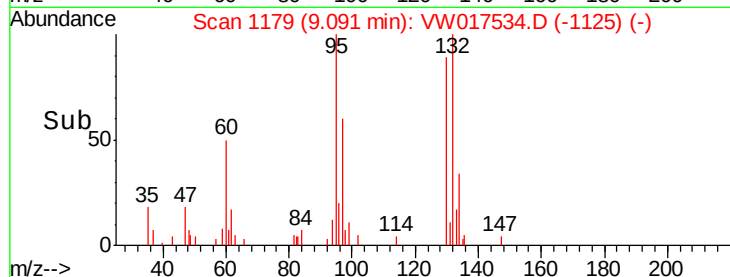
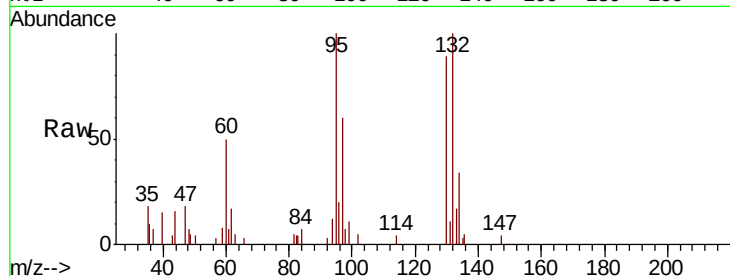
Ion Ratio Lower Upper

95 100

97 72.8 45.0 83.6

132 108.0 71.0 131.8

130 118.8 75.6 140.4



#42

cis-1,3-Dichloropropene

Concen: 0.552 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017534.D

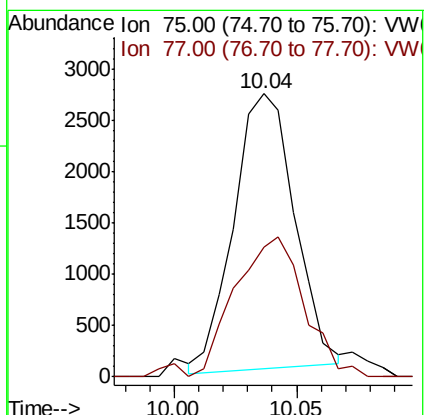
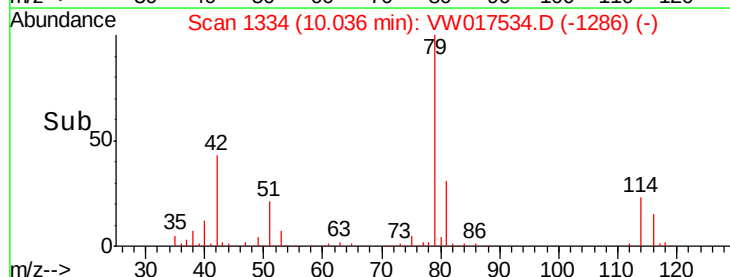
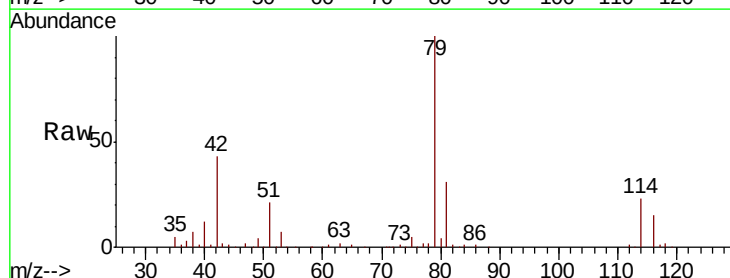
Acq: 03 Dec 2020 15:35

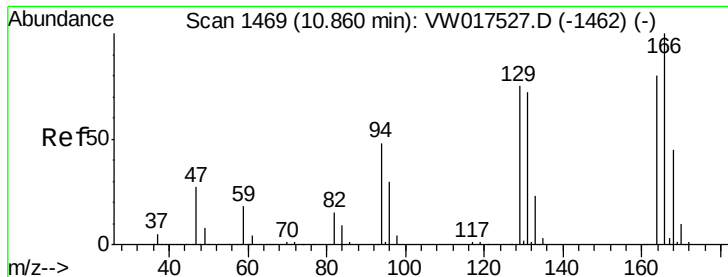
Tgt Ion: 75 Resp: 4650

Ion Ratio Lower Upper

75 100

77 45.9 22.7 42.3#

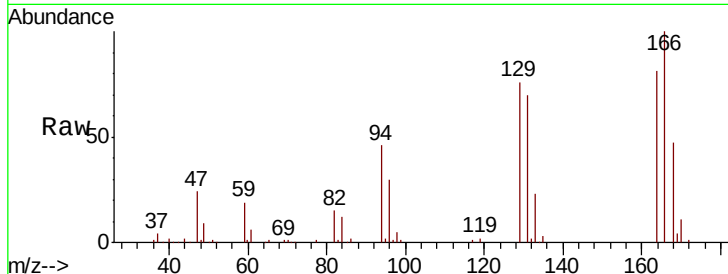




#47
Tetrachloroethene
Concen: 4.401 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW017534.D
Acq: 03 Dec 2020 15:35

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:164 Resp: 24057
Ion Ratio Lower Upper
164 100
129 93.8 67.6 125.6
131 86.6 65.2 121.2
166 124.0 93.2 173.2



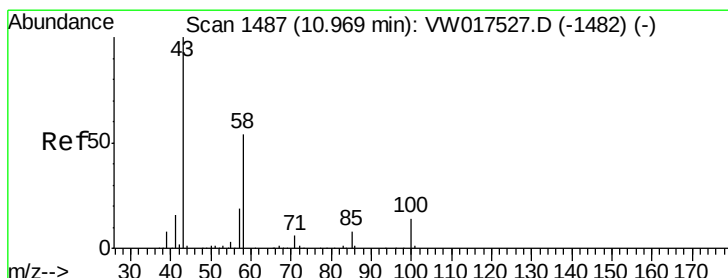
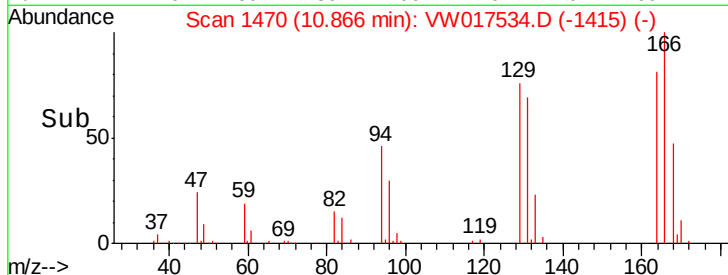
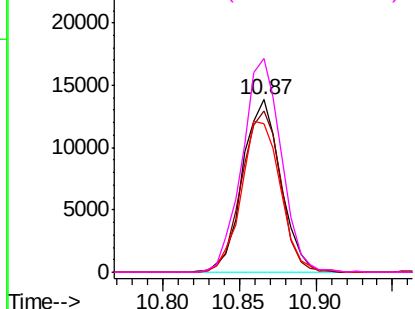
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

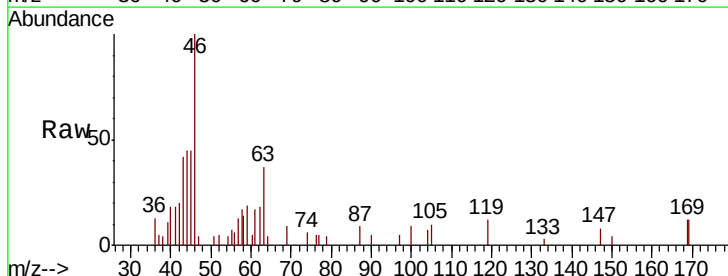
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49
2-Hexanone
Concen: 0.420 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW017534.D
Acq: 03 Dec 2020 15:35

Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
58 98.1 51.3 76.9#
57 14.8 15.0 22.6#
100 36.4 12.2 18.2#



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

