

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102620\
 Data File : VW017000.D
 Acq On : 26 Oct 2020 15:46
 Operator : SY/VA
 Sample : L4502-12RE
 Misc : 4.51G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG439RE

Quant Time: Oct 27 08:25:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	709025	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	611610	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236836	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117808	14.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.60%
7) Chloroethane-d5	2.89	69	92929	14.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.64%
10) 1,1-Dichloroethene-d2	4.03	63	166602	10.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.88%#
20) 2-Butanone-d5	7.08	46	55207	35.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.62%
24) Chloroform-d	7.65	84	243877	14.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	59.64%
26) 1,2-Dichloroethane-d4	8.31	65	122883	15.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.88%#
29) Benzene-d6	8.27	84	503149	16.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	64.08%
33) 1,2-Dichloropropane-d6	9.27	67	141642	16.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.80%#
37) Toluene-d8	10.33	98	459750	15.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.16%
38) trans-1,3-Dichloropropene-	10.58	79	56595	15.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.88%
39) 2-Hexanone-d5	10.93	63	45935	38.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109763	16.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	129179	15.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.08%#

Target Compounds

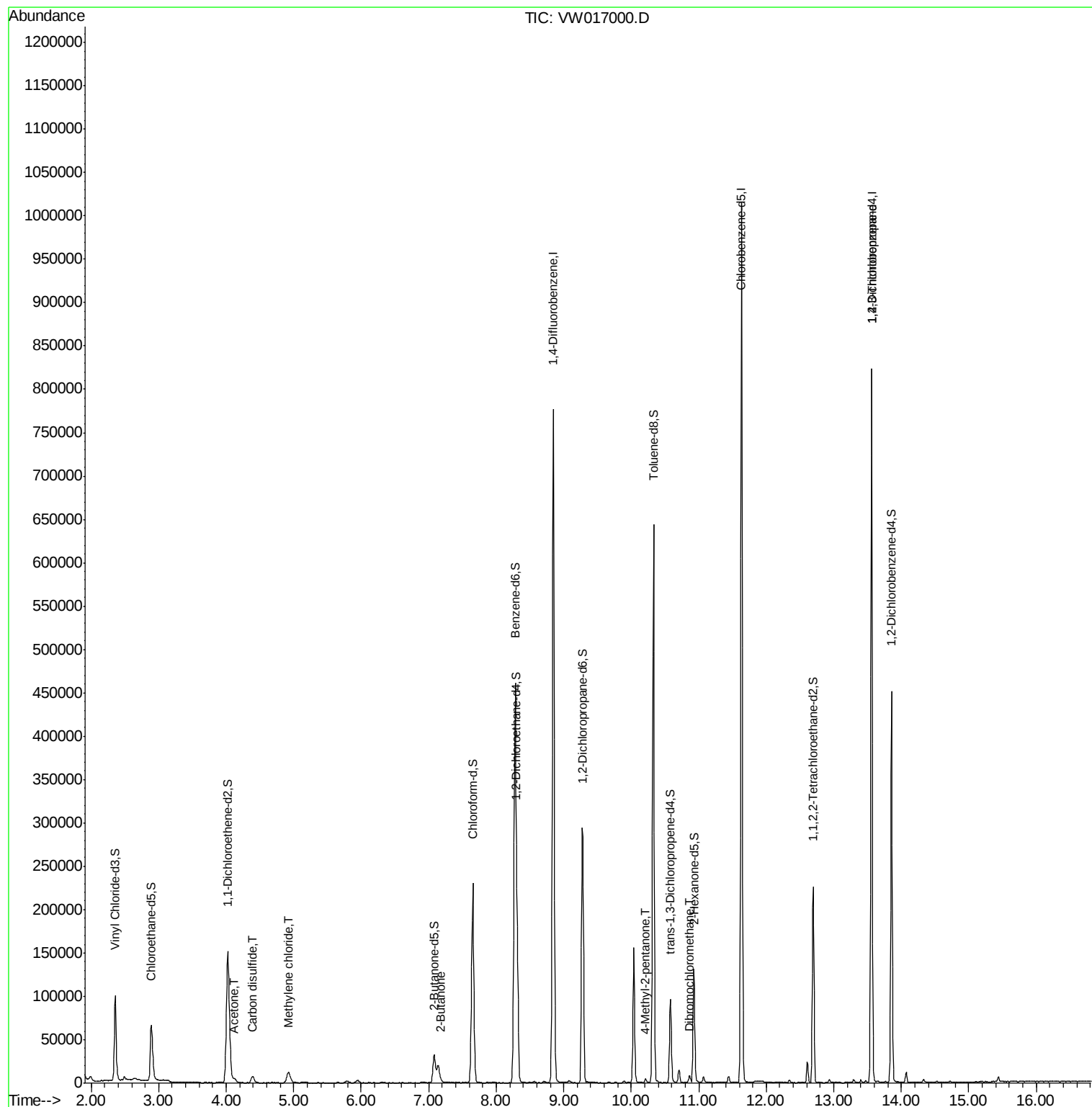
					Ovalue
13) Acetone	4.12	43	6445	6.214	ug/L 93
14) Carbon disulfide	4.39	76	16456	0.585	ug/L 99
16) Methylene chloride	4.92	84	12420	1.325	ug/L 93
21) 2-Butanone	7.18	43	1439	0.829	ug/L # 61
43) 4-Methyl-2-pentanone	10.21	43	2785	0.779	ug/L 91
50) Dibromochloromethane	10.87	129	1764	0.240	ug/L # 10
59) 1,2,3-Trichloropropane	13.56	75	23290	5.020	ug/L 92

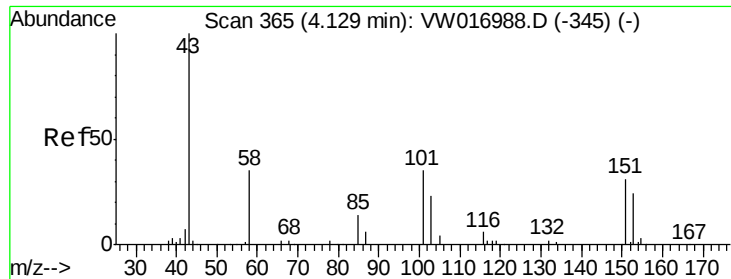
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.214 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017000.D

Acq: 26 Oct 2020 15:46

Instrument :

MSVOA_W

ClientSampled :

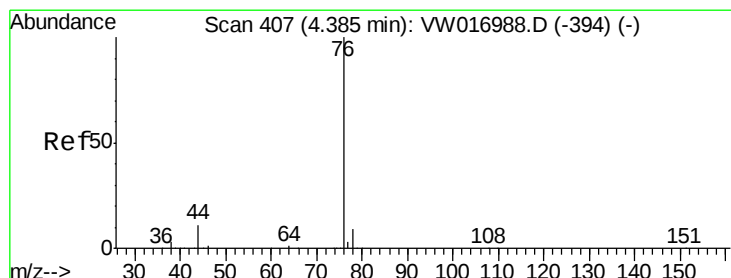
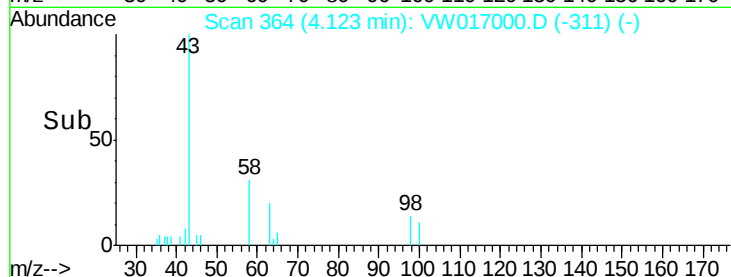
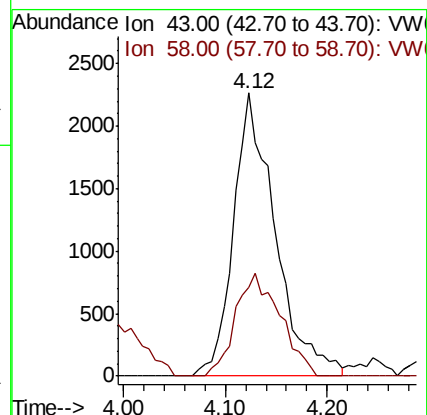
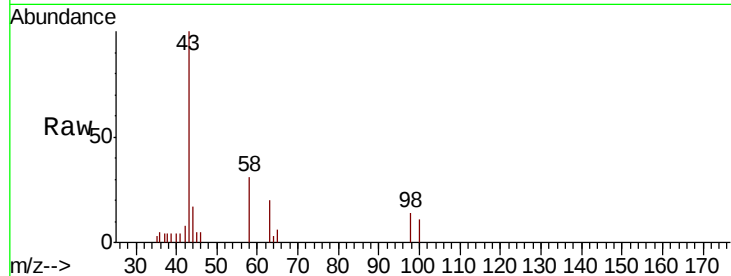
BG439RE

Tot Ion: 43 Resp: 6445

Ion Ratio Lower Upper

43 100

58 38.7 0.0 69.8



#14

Carbon disulfide

Concen: 0.585 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW017000.D

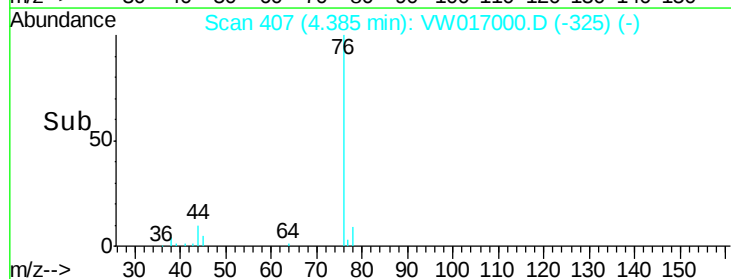
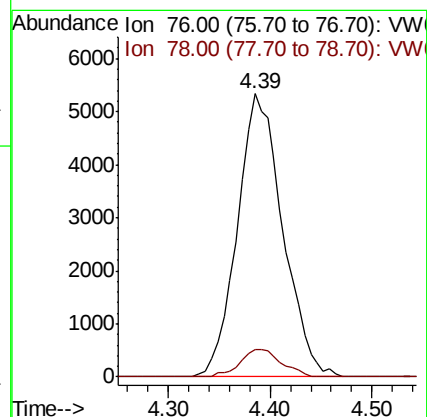
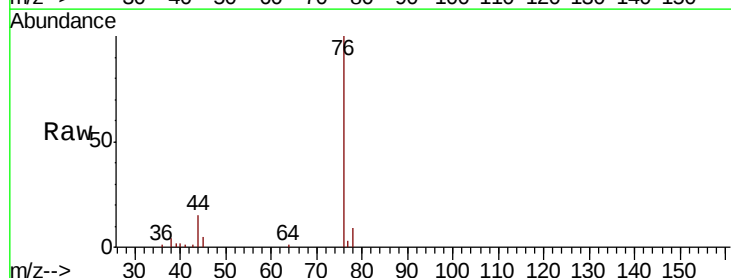
Acq: 26 Oct 2020 15:46

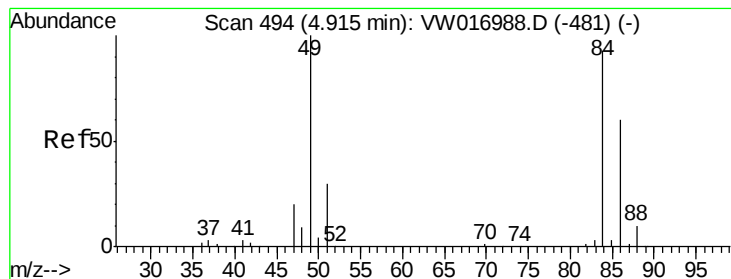
Tgt Ion: 76 Resp: 16456

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





#16

Methylene chloride

Concen: 1.325 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017000.D

Acq: 26 Oct 2020 15:46

Instrument :

MSVOA_W

ClientSampleId :

BG439RE

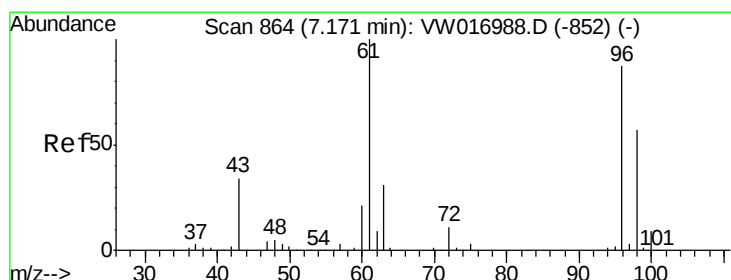
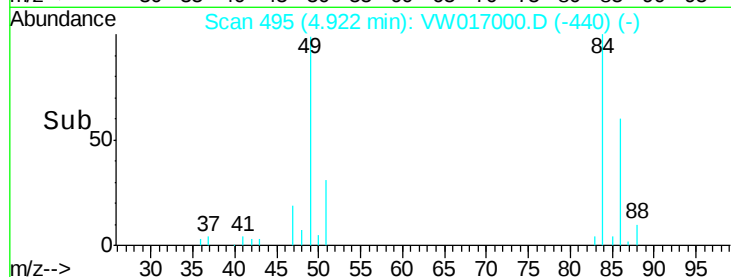
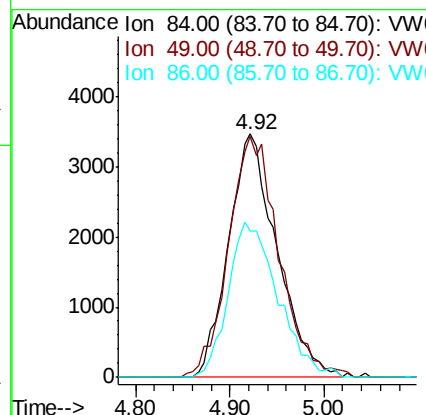
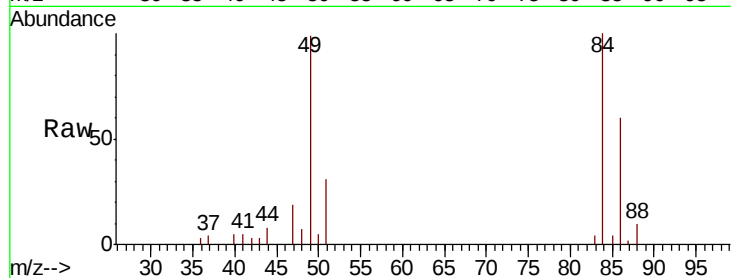
Tot Ion: 84 Resp: 12420

Ion Ratio Lower Upper

84 100

49 99.2 73.8 137.0

86 60.3 47.4 88.0



#21

2-Butanone

Concen: 0.829 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW017000.D

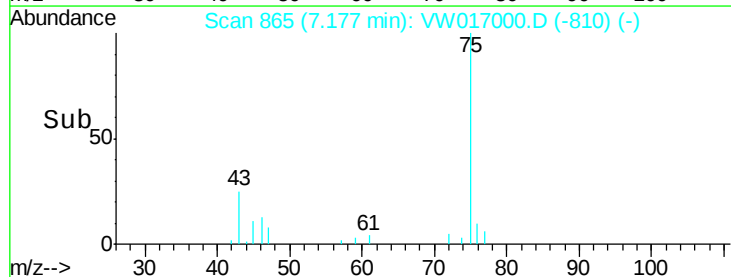
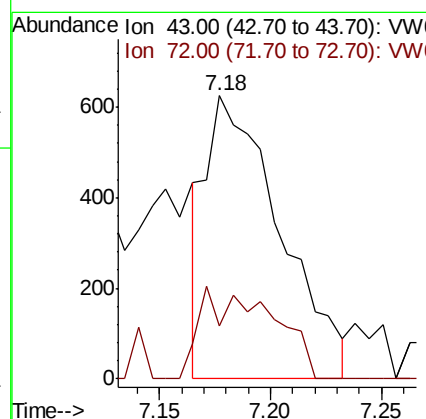
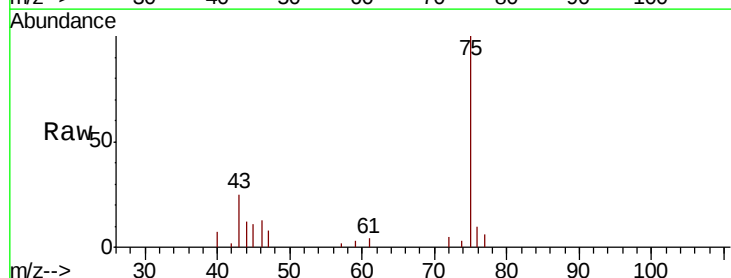
Acq: 26 Oct 2020 15:46

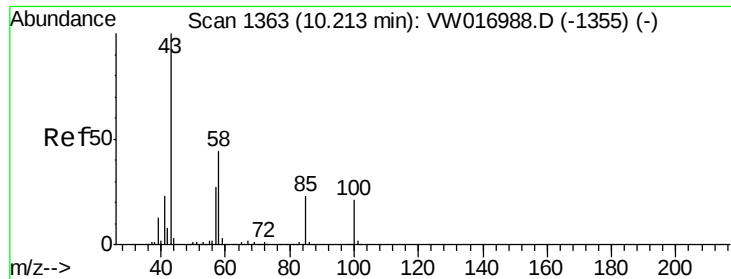
Tgt Ion: 43 Resp: 1439

Ion Ratio Lower Upper

43 100

72 10.1 16.1 48.2#

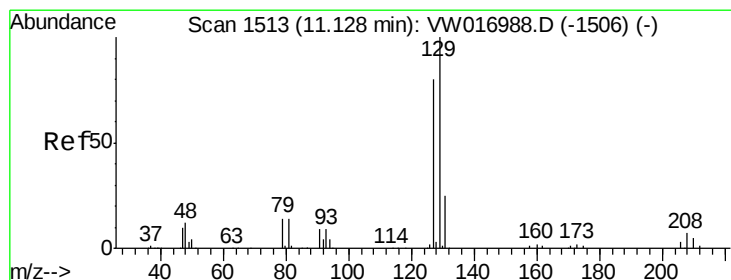
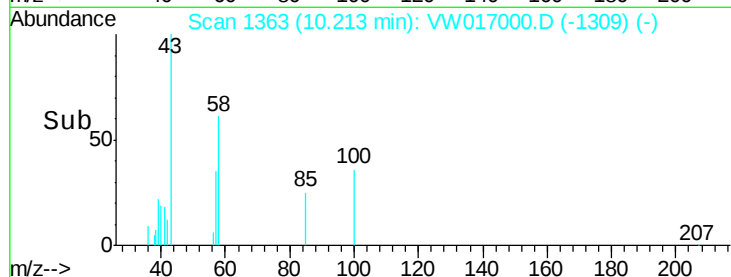
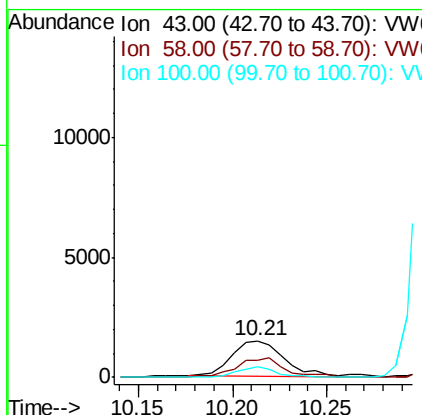
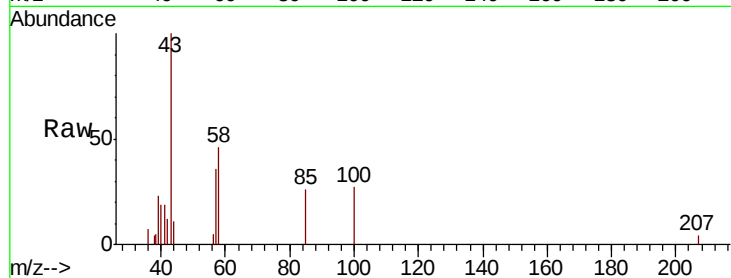




#43
4-Methyl-2-pentanone
Concen: 0.779 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017000.D
Acq: 26 Oct 2020 15:46

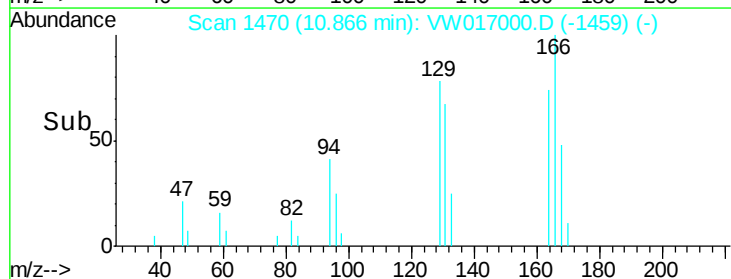
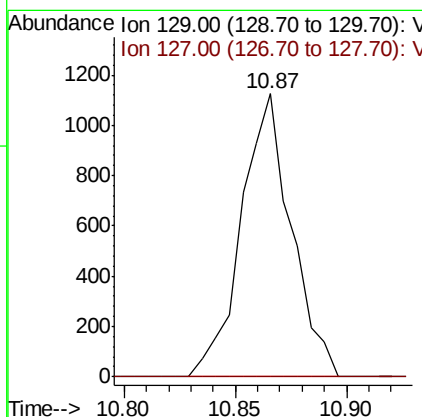
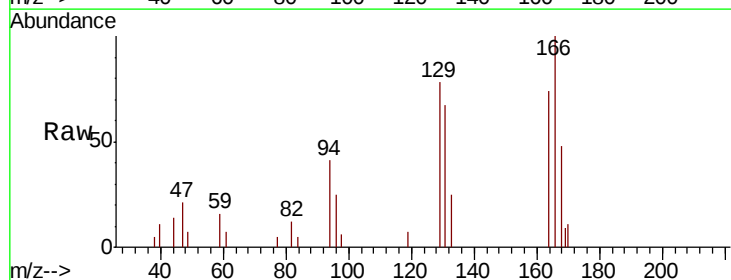
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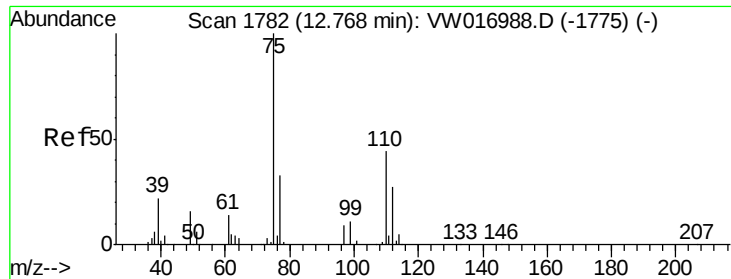
Tot Ion: 43 Resp: 2785
Ion Ratio Lower Upper
43 100
58 50.4 34.4 51.6
100 22.2 16.2 24.2



#50
Dibromochloromethane
Concen: 0.240 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW017000.D
Acq: 26 Oct 2020 15:46

Tgt Ion: 129 Resp: 1764
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 5.020 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017000.D

Acq: 26 Oct 2020 15:46

Instrument :

MSVOA_W

ClientSampleId :

BG439RE

Tot Ion: 75 Resp: 23290

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.8

