

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015884.D
 Acq On : 21 Jul 2020 13:32
 Operator : SY/VA
 Sample : L3341-01
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY4

Quant Time: Jul 22 06:26:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 06:22:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	425119	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401282	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178862	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130375	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.92%
7) Chloroethane-d5	2.90	69	101602	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
10) 1,1-Dichloroethene-d2	4.01	63	192226	15.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.40%
20) 2-Butanone-d5	7.09	46	70851	44.96	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.92%
24) Chloroform-d	7.65	84	240736	20.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.64%
26) 1,2-Dichloroethane-d4	8.31	65	145915	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.04%
29) Benzene-d6	8.28	84	481208	19.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.80%
33) 1,2-Dichloropropane-d6	9.28	67	147957	20.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.84%
37) Toluene-d8	10.32	98	436369	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.88%
38) trans-1,3-Dichloropropene-	10.58	79	64861	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.12%
39) 2-Hexanone-d5	10.93	63	56166	46.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123610	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	148805	21.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.36%

Target Compounds

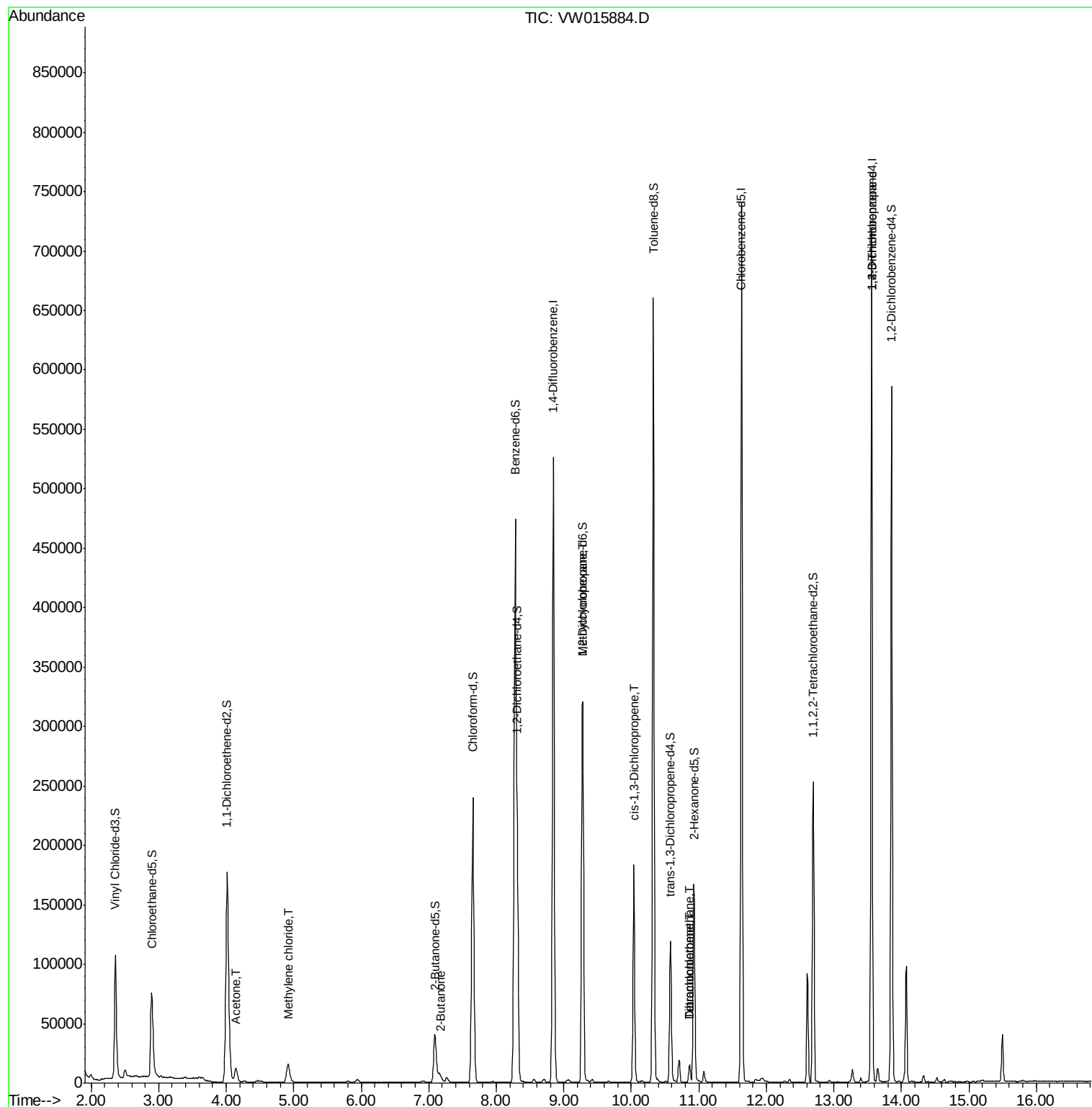
					Ovalue
13) Acetone	4.14	43	21475	16.228	ug/L 99
16) Methylene chloride	4.92	84	12243	1.758	ug/L 99
21) 2-Butanone	7.18	43	3517	2.149	ug/L 87
36) Methylcyclohexane	9.27	83	36928	3.338	ug/L # 18
42) cis-1,3-Dichloropropene	10.04	75	4545	0.494	ug/L # 65
47) Tetrachloroethene	10.87	164	3317	0.663	ug/L 94
50) Dibromochloromethane	10.86	129	3198	0.636	ug/L # 11
59) 1,2,3-Trichloropropane	13.56	75	22291	5.835	ug/L 89

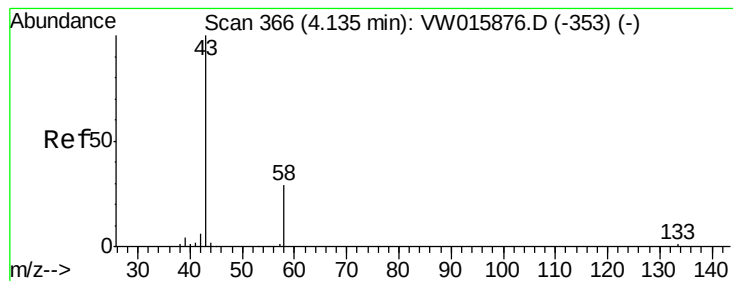
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GAXY4

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QLast Update : Wed Jul 22 06:22:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 16.228 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015884.D

Acq: 21 Jul 2020 13:32

Instrument :

MSVOA_W

ClientSampled :

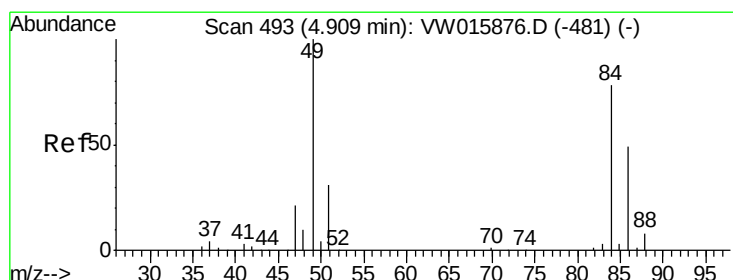
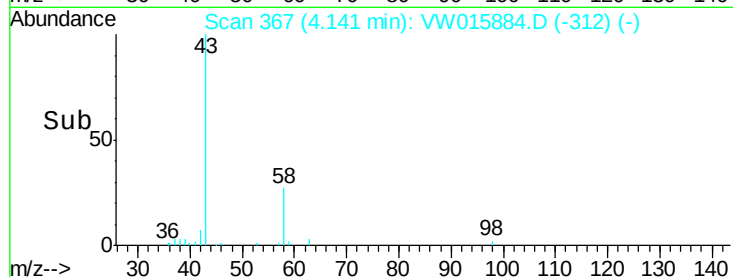
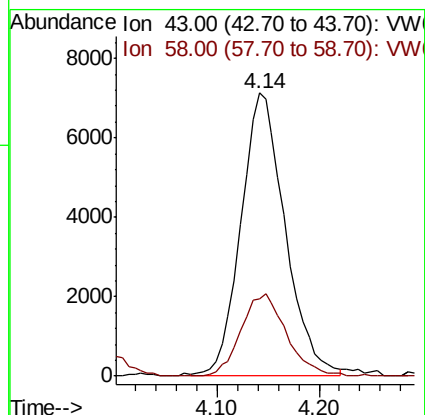
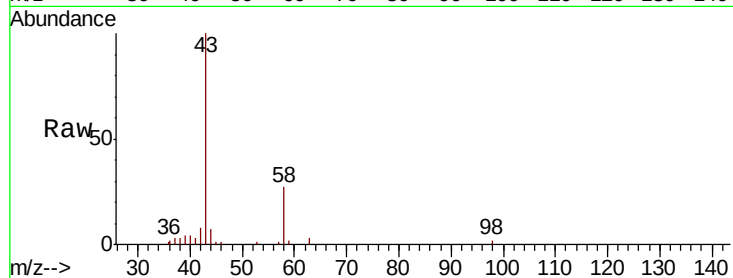
GAXY4

Tot Ion: 43 Resp: 21475

Ion Ratio Lower Upper

43 100

58 29.6 0.0 58.2



#16

Methylene chloride

Concen: 1.758 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW015884.D

Acq: 21 Jul 2020 13:32

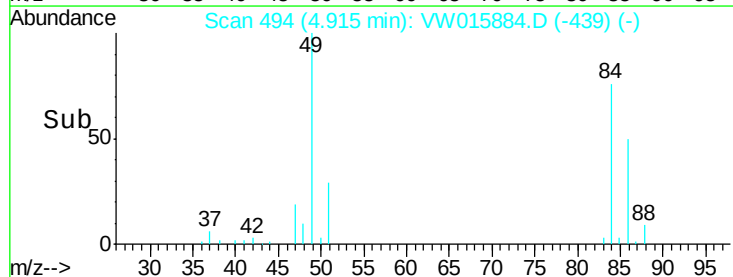
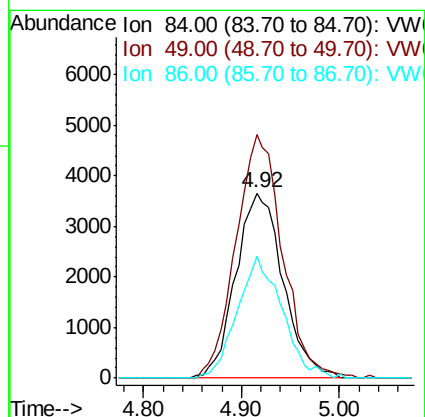
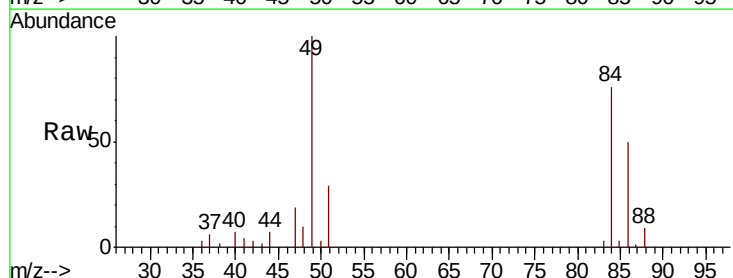
Tgt Ion: 84 Resp: 12243

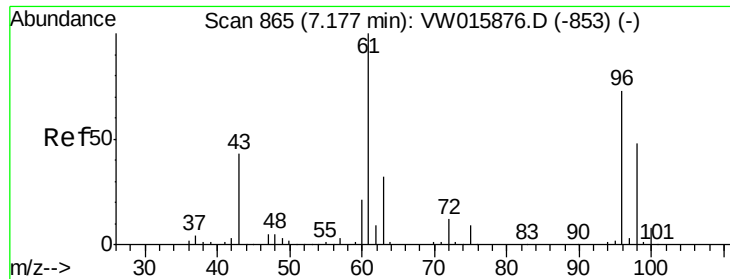
Ion Ratio Lower Upper

84 100

49 131.5 91.1 169.1

86 65.8 46.0 85.4





#21

2-Butanone

Concen: 2.149 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015884.D

Acq: 21 Jul 2020 13:32

Instrument :

MSVOA_W

ClientSampled :

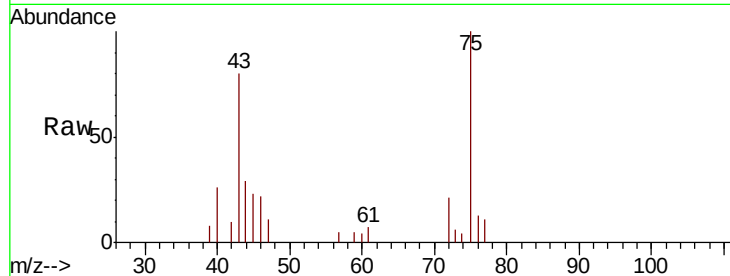
GAXY4

Tot Ion: 43 Resp: 3517

Ion Ratio Lower Upper

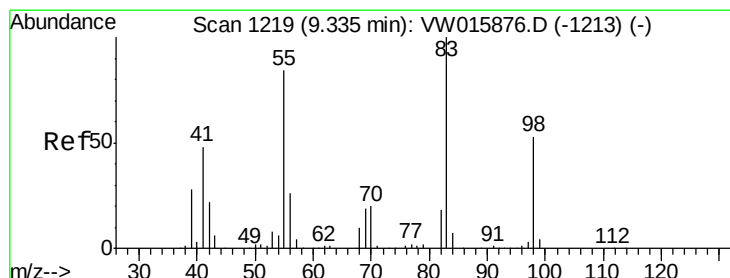
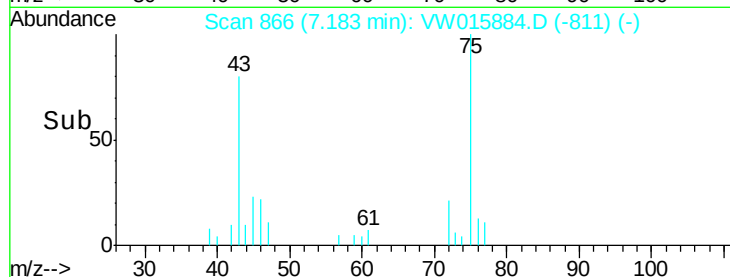
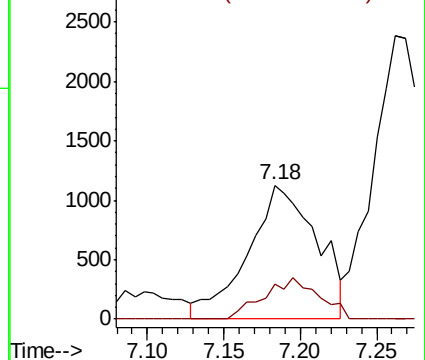
43 100

72 21.0 13.9 41.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#36

Methylcyclohexane

Concen: 3.338 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW015884.D

Acq: 21 Jul 2020 13:32

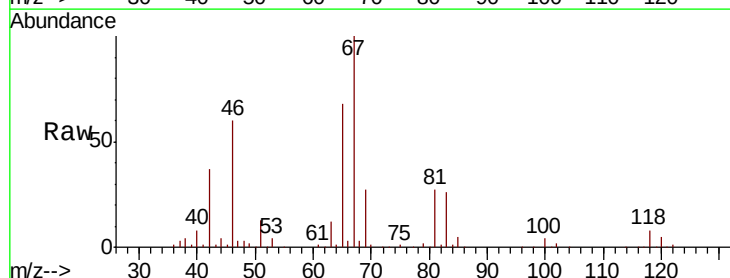
Tgt Ion: 83 Resp: 36928

Ion Ratio Lower Upper

83 100

55 0.7 63.5 95.3#

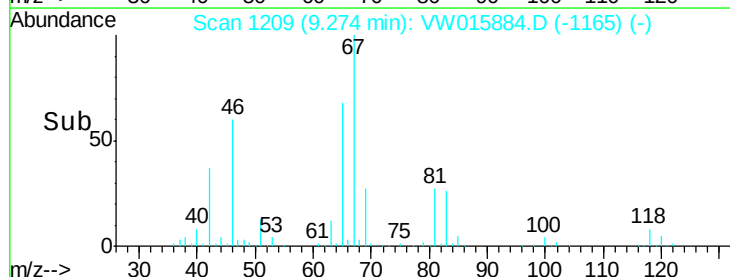
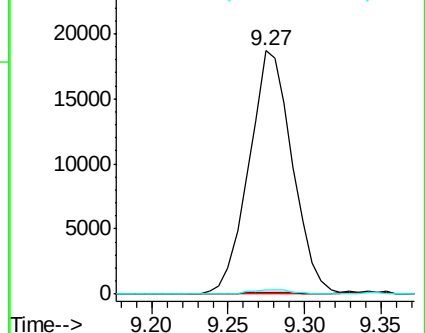
98 1.7 39.0 58.4#

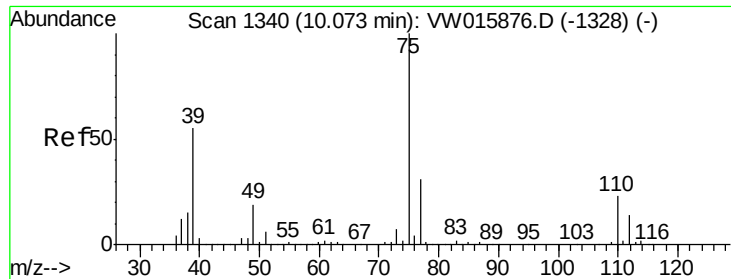


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.494 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015884.D

Acq: 21 Jul 2020 13:32

Instrument :

MSVOA_W

ClientSampleId :

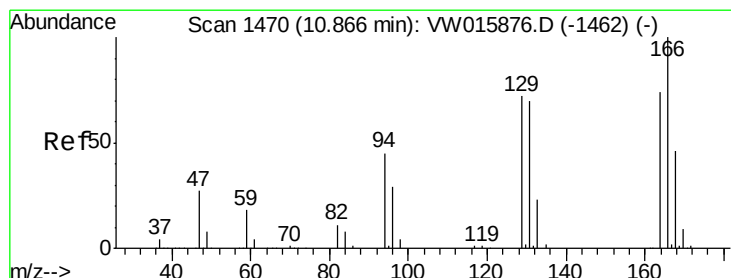
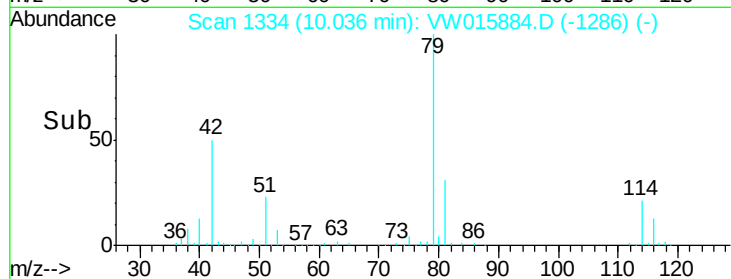
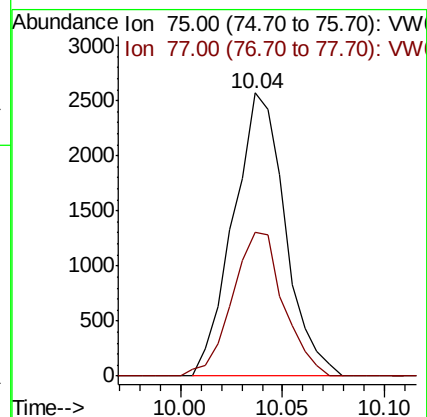
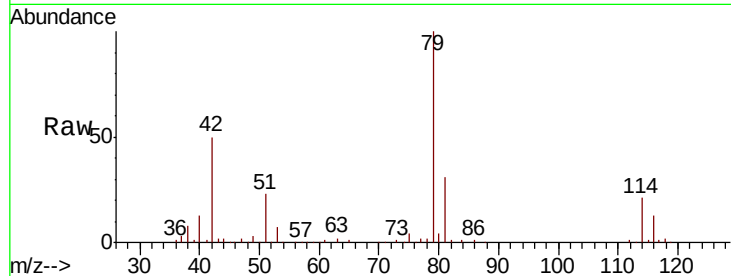
GAXY4

Tot Ion: 75 Resp: 4545

Ion Ratio Lower Upper

75 100

77 50.9 22.2 41.2#



#47

Tetrachloroethene

Concen: 0.663 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW015884.D

Acq: 21 Jul 2020 13:32

Tgt Ion:164 Resp: 3317

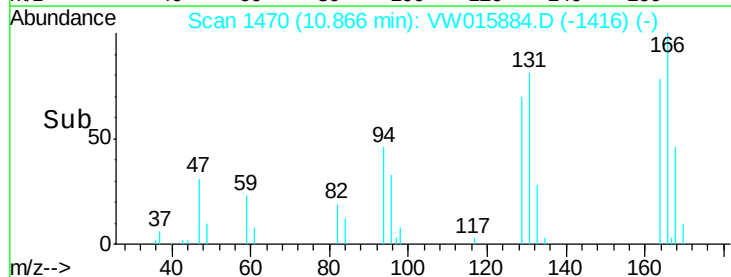
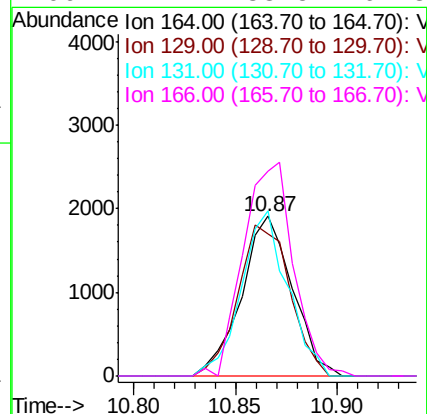
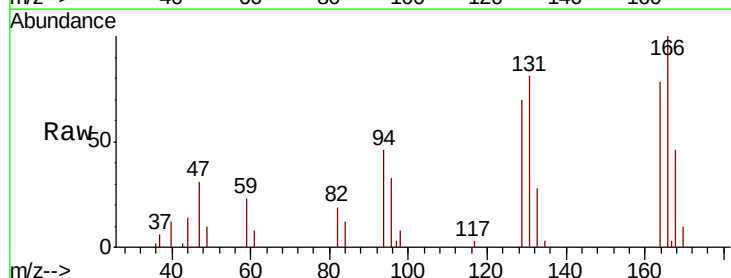
Ion Ratio Lower Upper

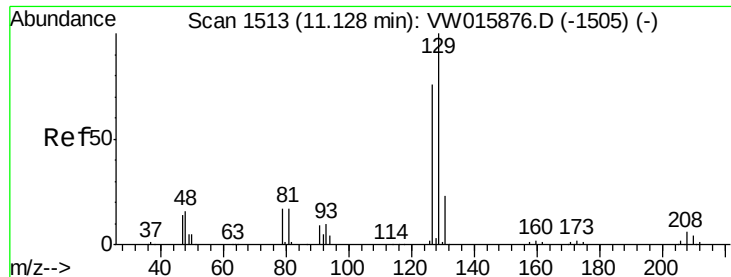
164 100

129 88.9 70.0 130.0

131 103.0 67.3 124.9

166 127.7 88.5 164.3





#50

Dibromochloromethane

Concen: 0.636 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW015884.D

Acq: 21 Jul 2020 13:32

Instrument :

MSVOA_W

ClientSampleId :

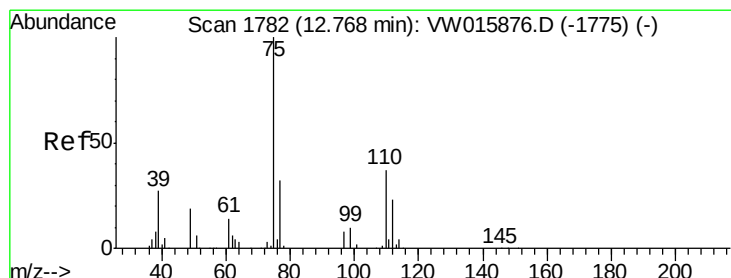
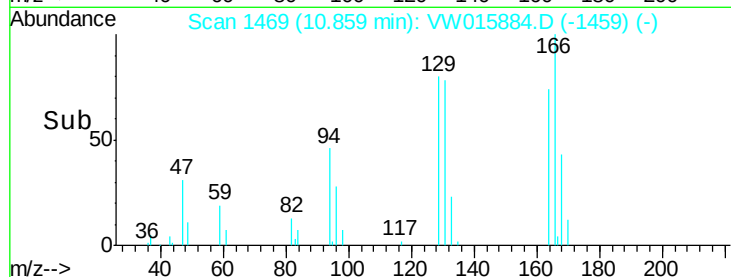
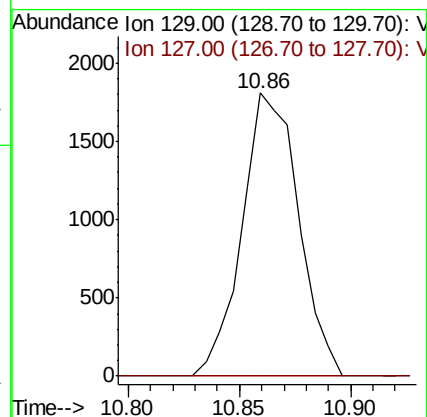
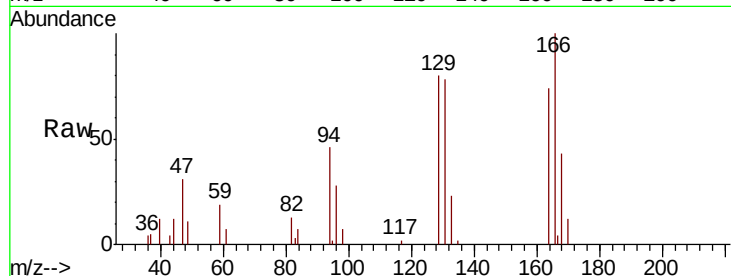
GAXY4

Tot Ion:129 Resp: 3198

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#59

1,2,3-Trichloropropane

Concen: 5.835 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015884.D

Acq: 21 Jul 2020 13:32

Tgt Ion: 75 Resp: 22291

Ion Ratio Lower Upper

75 100

77 38.7 26.0 39.0

