

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072120\
 Data File : VW015883.D
 Acq On : 21 Jul 2020 13:09
 Operator : SY/VA
 Sample : L3341-04
 Misc : 5.90G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY5

Quant Time: Jul 21 14:59:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 21 14:55:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	397904	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346378	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129258	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132729	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.56%
7) Chloroethane-d5	2.90	69	108906	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.52%
10) 1,1-Dichloroethene-d2	4.01	63	195033	17.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.72%
20) 2-Butanone-d5	7.08	46	73773	50.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.04%
24) Chloroform-d	7.65	84	237498	21.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	8.31	65	142141	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.68%
29) Benzene-d6	8.27	84	479313	22.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.92%
33) 1,2-Dichloropropane-d6	9.27	67	145802	23.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.28%
37) Toluene-d8	10.33	98	415164	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.96%
38) trans-1,3-Dichloropropene-	10.58	79	62883	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.36%
39) 2-Hexanone-d5	10.93	63	59007	56.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114829	23.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	112948	22.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.64%

Target Compounds

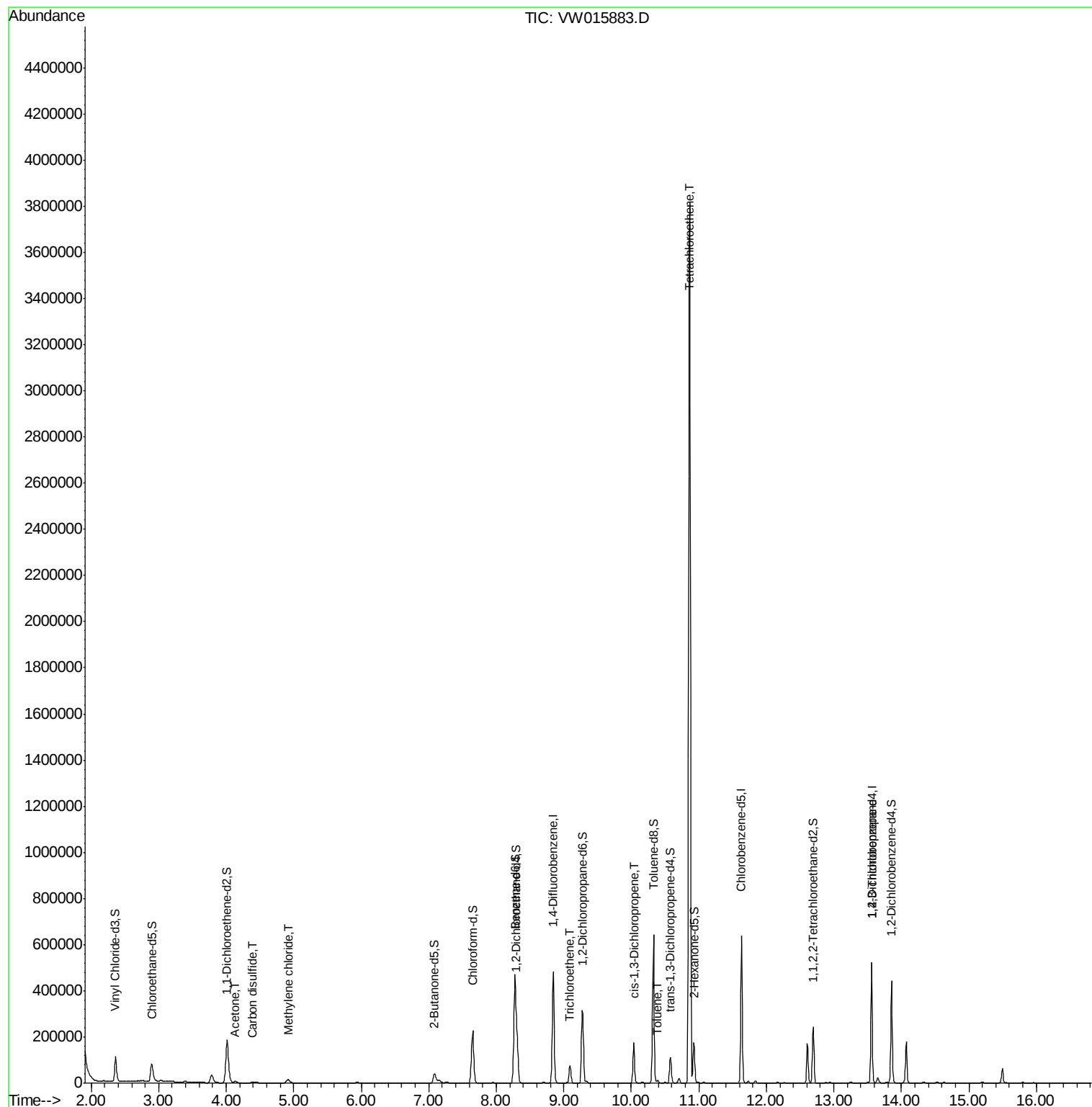
					Qvalue
13) Acetone	4.14	43	13098	10.575 ug/L	97
14) Carbon disulfide	4.38	76	5912	0.366 ug/L	100
16) Methylene chloride	4.92	84	12073	1.852 ug/L	95
35) Trichloroethene	9.09	95	26651	4.789 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	4106	0.517 ug/L #	47
44) Toluene	10.39	91	8445	0.383 ug/L	99
47) Tetrachloroethene	10.87	164	838752	194.169 ug/L	94
59) 1,2,3-Trichloropropane	13.56	75	16607	5.037 ug/L	92

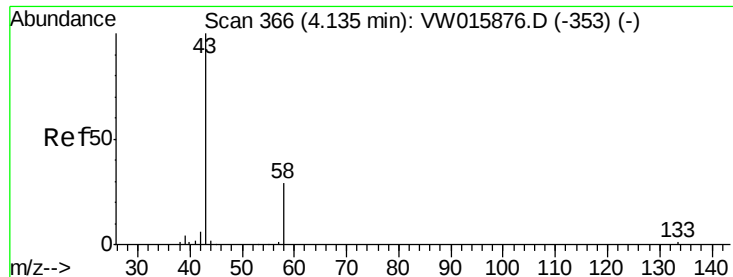
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 21 14:55:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 10.575 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW015883.D

Acq: 21 Jul 2020 13:09

Instrument :

MSVOA_W

ClientSampleId :

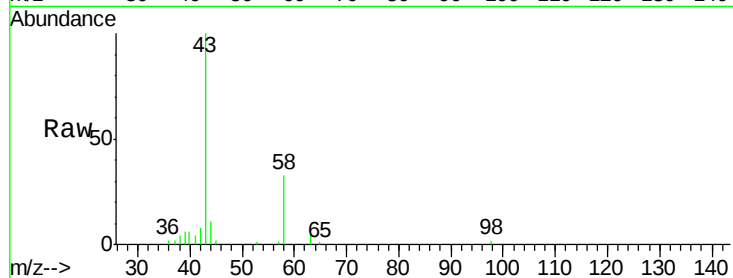
GAXY5

Tgt Ion: 43 Resp: 13098

Ion Ratio Lower Upper

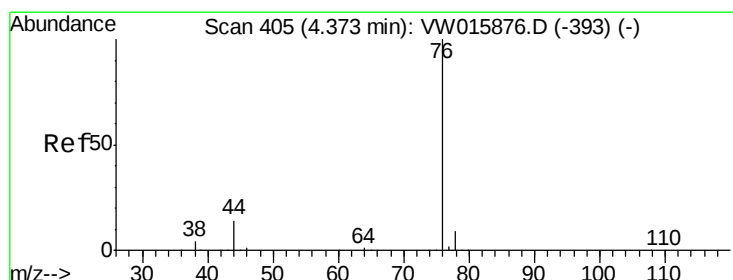
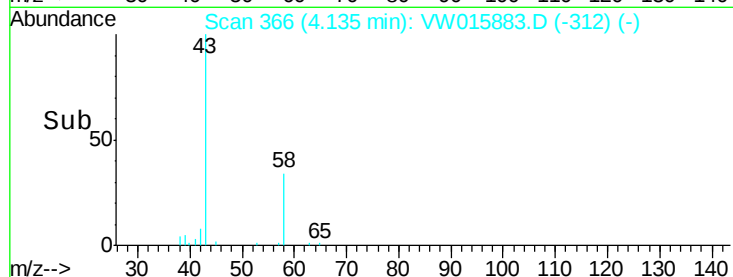
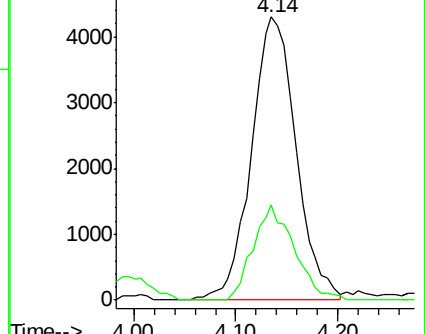
43 100

58 30.8 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.366 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW015883.D

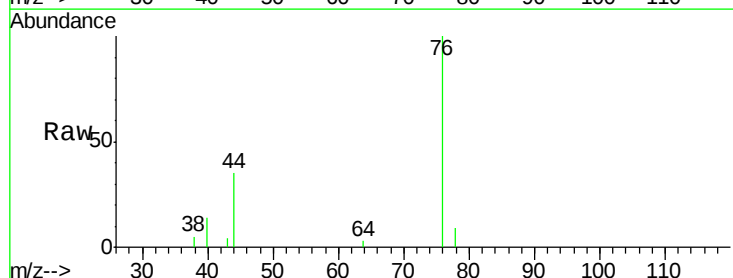
Acq: 21 Jul 2020 13:09

Tgt Ion: 76 Resp: 5912

Ion Ratio Lower Upper

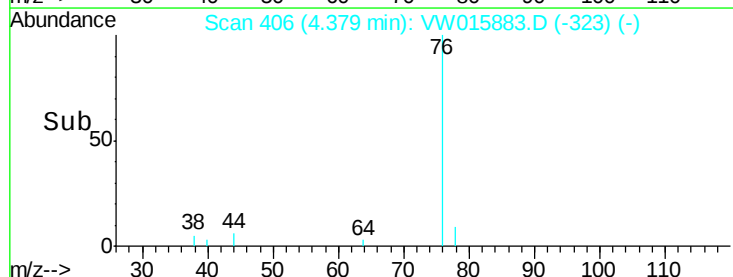
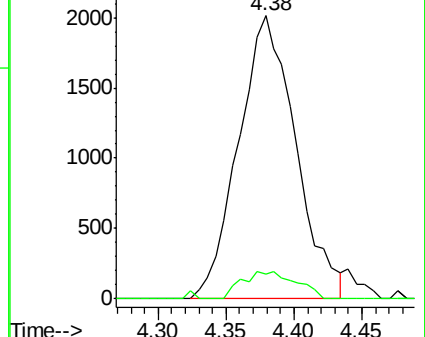
76 100

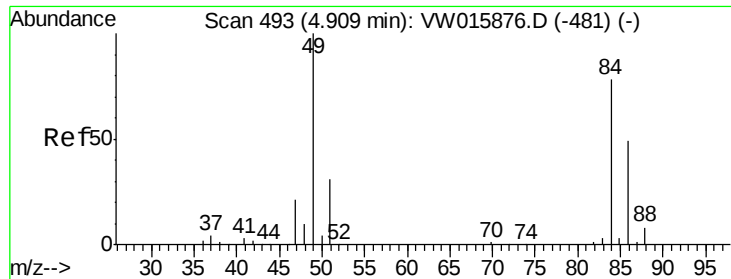
78 9.0 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

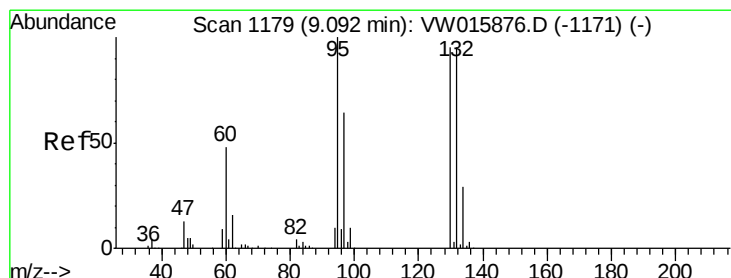
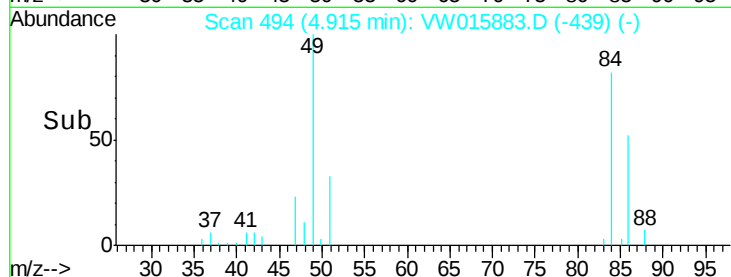
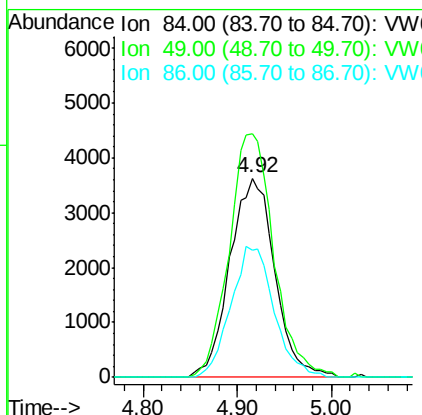
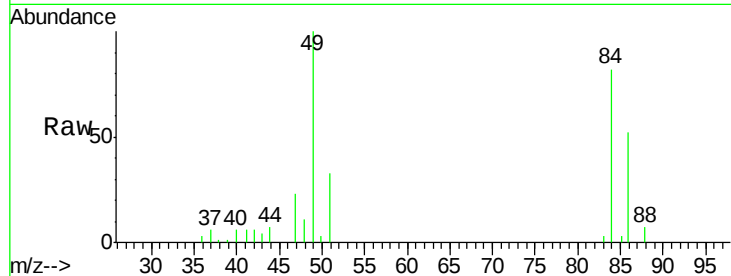




#16
Methylene chloride
Concen: 1.852 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW015883.D
Acq: 21 Jul 2020 13:09

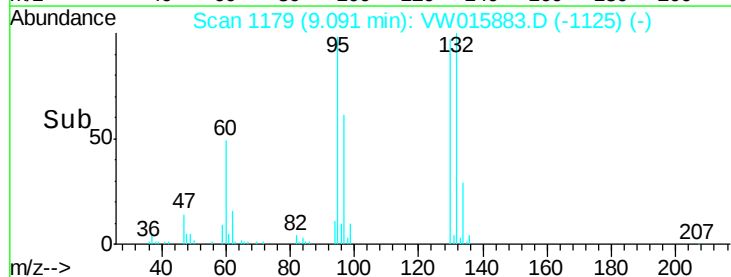
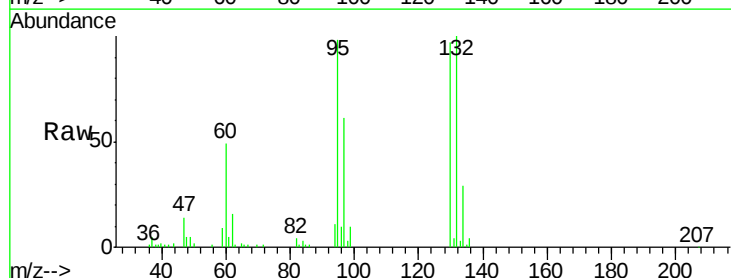
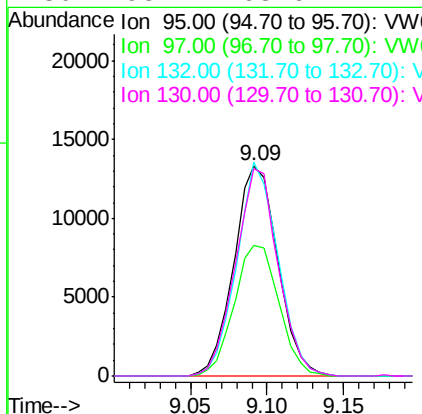
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ClientSampleId :
GAXY5

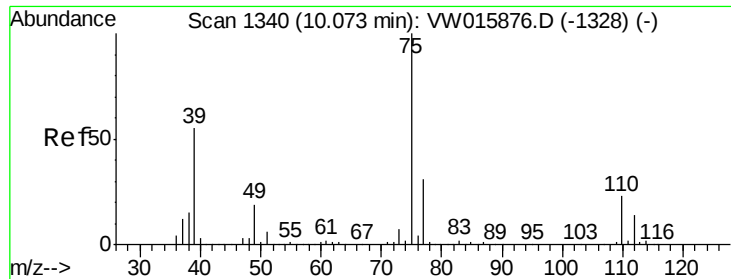
Tgt Ion: 84 Resp: 12073
Ion Ratio Lower Upper
84 100
49 122.1 91.1 169.1
86 64.0 46.0 85.4



#35
Trichloroethene
Concen: 4.789 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW015883.D
Acq: 21 Jul 2020 13:09

Tgt Ion: 95 Resp: 26651
Ion Ratio Lower Upper
95 100
97 63.2 44.4 82.4
132 95.4 65.1 120.9
130 95.1 68.6 127.4

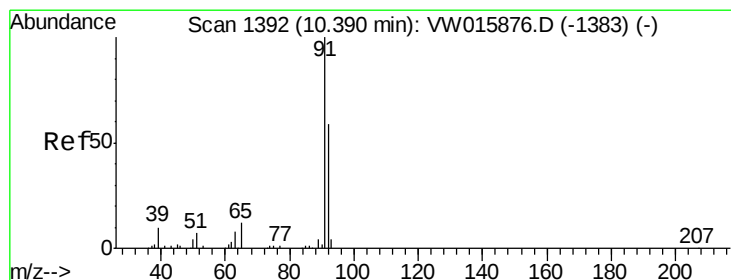
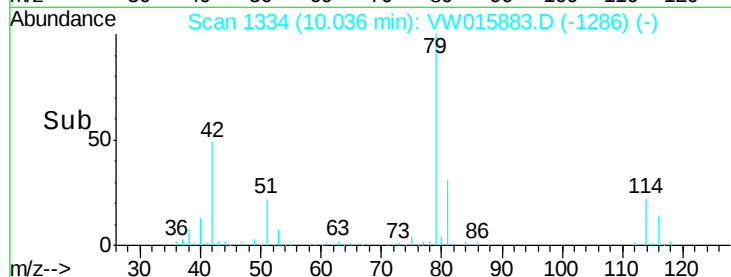
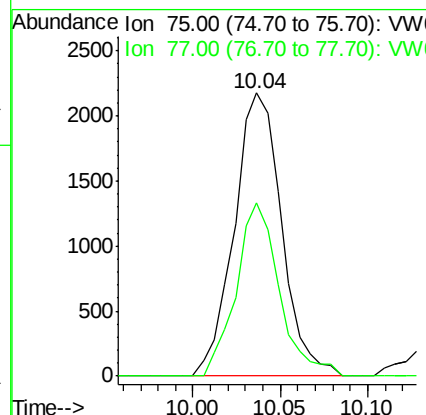
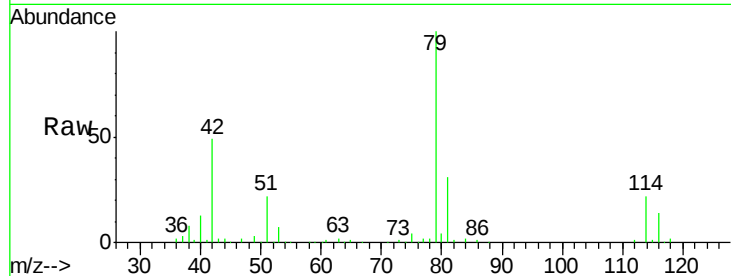




#42
 cis-1,3-Dichloropropene
 Concen: 0.517 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015883.D
 Acq: 21 Jul 2020 13:09

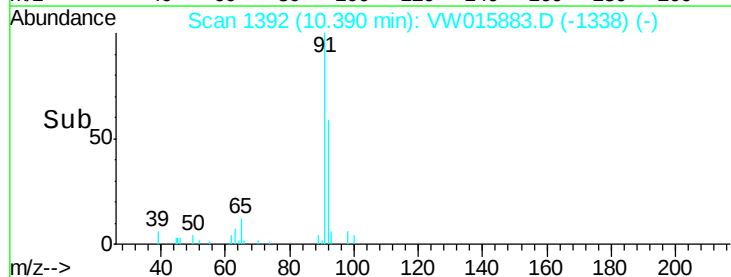
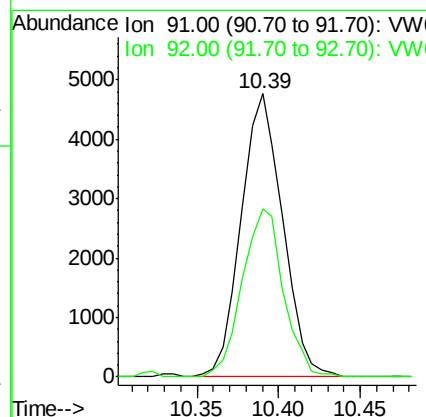
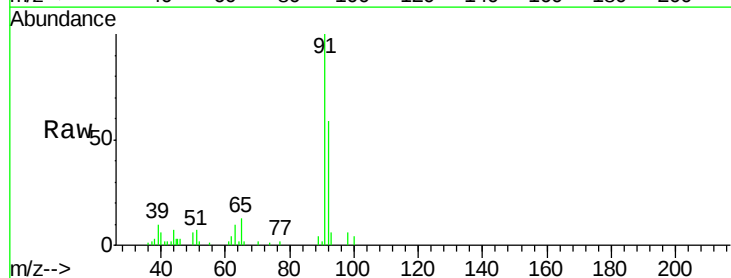
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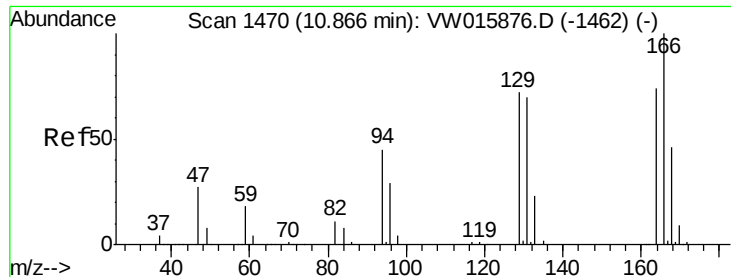
Tgt Ion: 75 Resp: 4106
 Ion Ratio Lower Upper
 75 100
 77 61.3 22.2 41.2#



#44
 Toluene
 Concen: 0.383 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW015883.D
 Acq: 21 Jul 2020 13:09

Tgt Ion: 91 Resp: 8445
 Ion Ratio Lower Upper
 91 100
 92 59.4 41.2 76.4

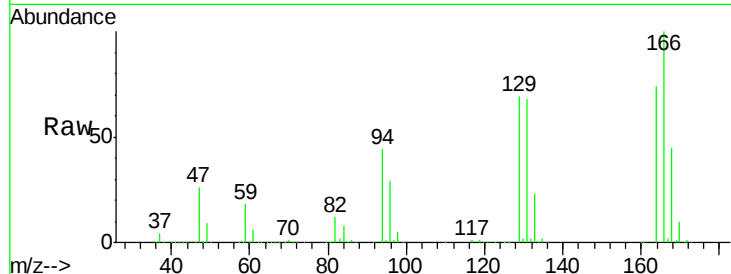




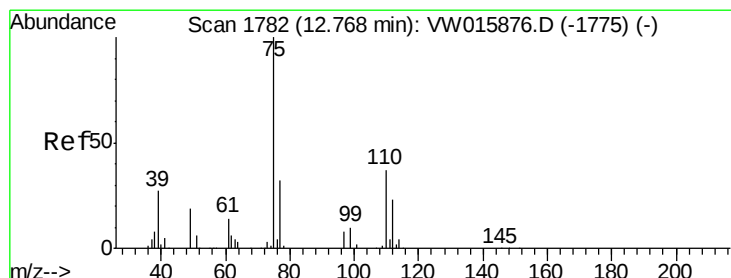
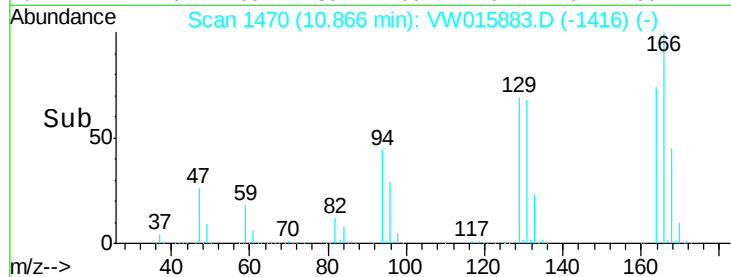
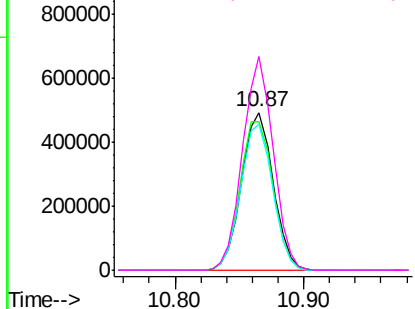
#47
Tetrachloroethene
Concen: 194.169 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015883.D
Acq: 21 Jul 2020 13:09

Instrument :
MSVOA_W
ClientSampleId :
GAXY5

Tgt Ion:164 Resp: 838752
Ion Ratio Lower Upper
164 100
129 93.9 70.0 130.0
131 92.4 67.3 124.9
166 135.2 88.5 164.3

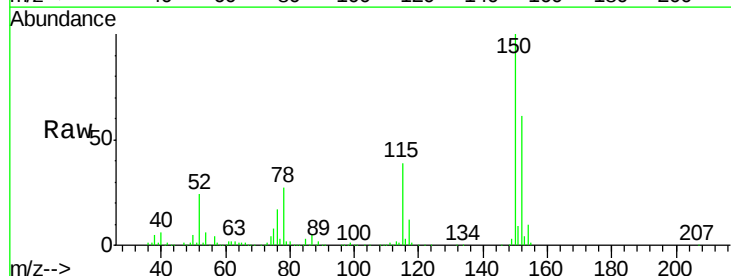


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 5.037 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW015883.D
Acq: 21 Jul 2020 13:09

Tgt Ion: 75 Resp: 16607
Ion Ratio Lower Upper
75 100
77 37.0 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

