

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015885.D
 Acq On : 21 Jul 2020 13:56
 Operator : SY/VA
 Sample : L3341-02MS
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY4MS

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 5:52:14 PM

Quant Time: Jul 22 07:21:12 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	8.84	114	422751	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175519	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127125	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.24%
7) Chloroethane-d5	2.89	69	97849	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.80%
10) 1,1-Dichloroethene-d2	4.01	63	249031	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.60%
20) 2-Butanone-d5	7.09	46	74971	47.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.68%
24) Chloroform-d	7.65	84	230273	19.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.56%
26) 1,2-Dichloroethane-d4	8.31	65	139128	21.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.40%
29) Benzene-d6	8.28	84	461025	19.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.88%
33) 1,2-Dichloropropane-d6	9.27	67	139605	19.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.68%
37) Toluene-d8	10.33	98	420616	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.44%
38) trans-1,3-Dichloropropene-	10.58	79	62934	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.16%
39) 2-Hexanone-d5	10.93	63	57870	48.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121751	22.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	139716	20.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.64%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.04	96	112195	20.645 ug/L	97
13) Acetone	4.14	43	24110	18.322 ug/L	99
21) 2-Butanone	7.18	43	4045m	2.486 ug/L	
34) Benzene	8.32	78	518675	21.675 ug/L	100
35) Trichloroethene	9.09	95	134051	21.176 ug/L	98
44) Toluene	10.39	91	560533	22.334 ug/L	99
47) Tetrachloroethene	10.87	164	5071	1.032 ug/L	95
52) Chlorobenzene	11.66	112	347066	21.580 ug/L	98

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

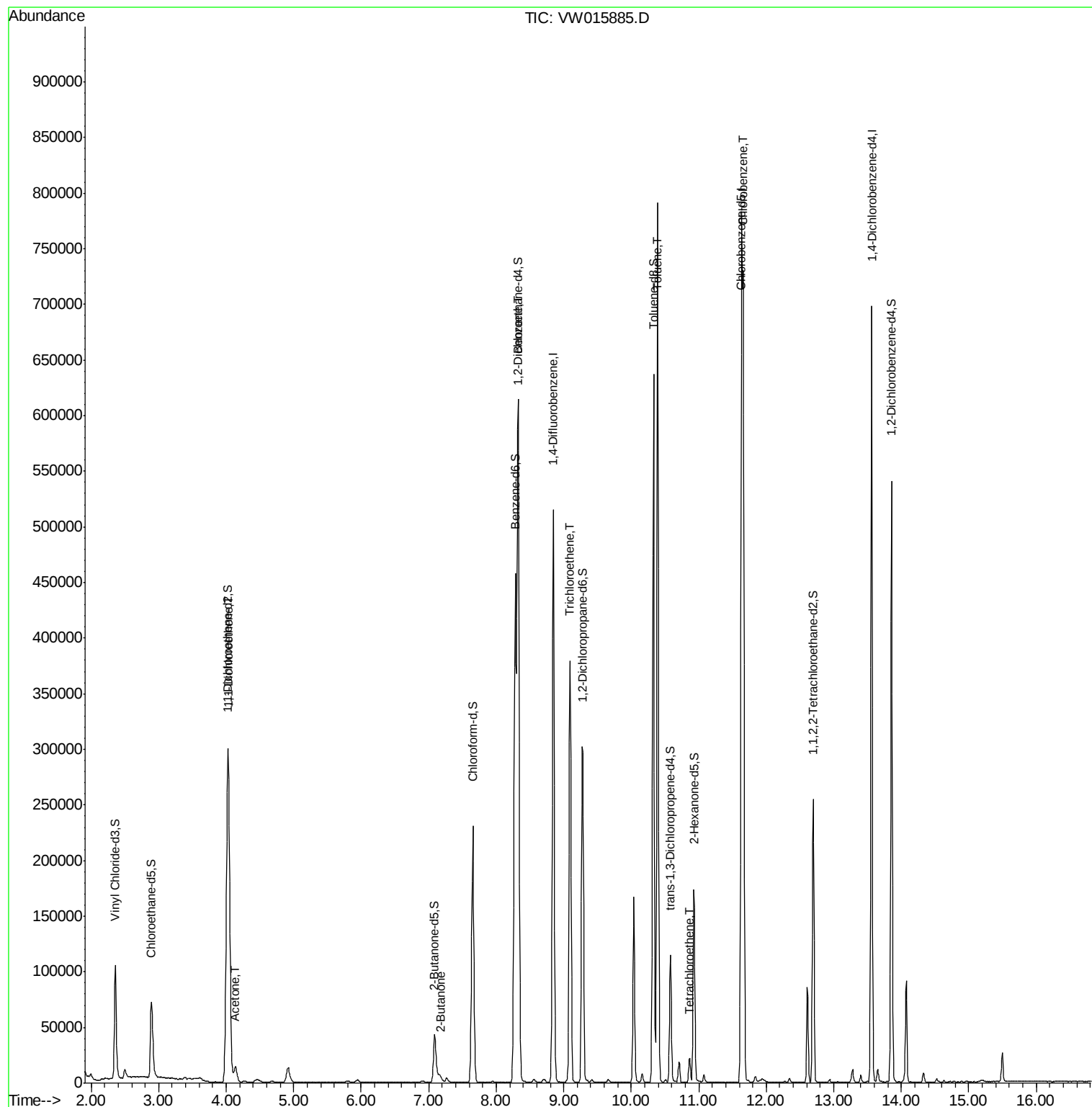
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072120\
Data File : VW015885.D
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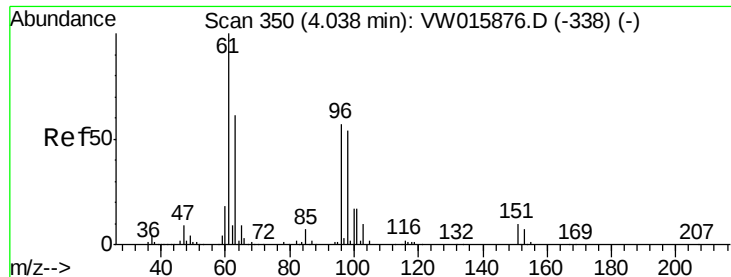
Instrument :
MSVOA_W
ClientSampleId :
GAXY4MS

Manual Integrations
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Quant Time: Jul 22 07:21:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
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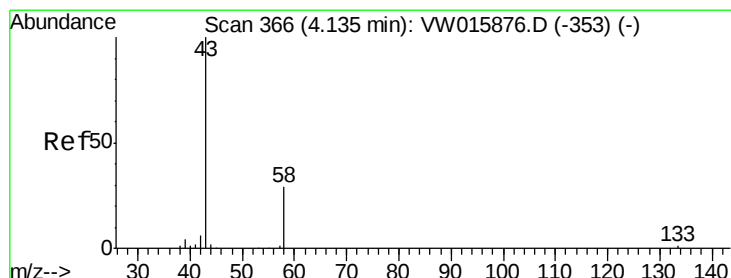
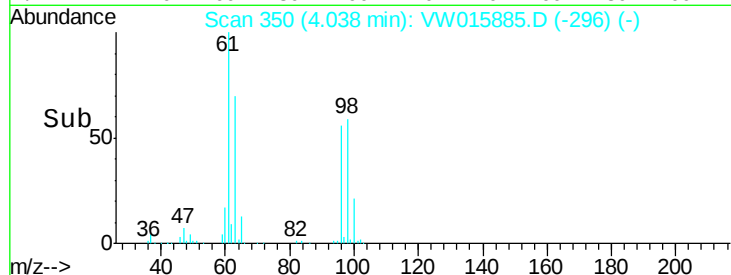
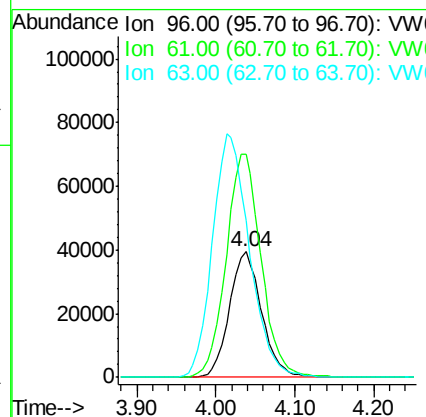
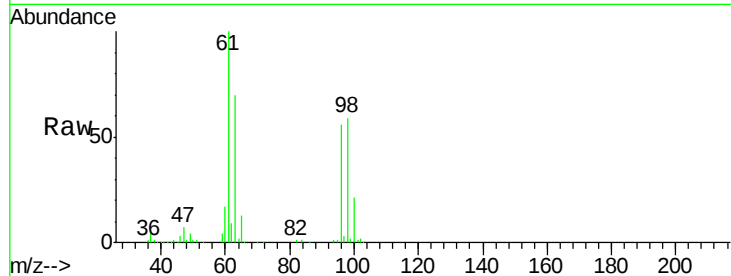
#12
 1,1-Dichloroethene
 Concen: 20.645 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015885.D
 Acq: 21 Jul 2020 13:56

Instrument :
 MSVOA_W
 ClientSampled :
 GAXY4MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	178.2	112195	125.0	232.2
63	124.8		82.3	152.8

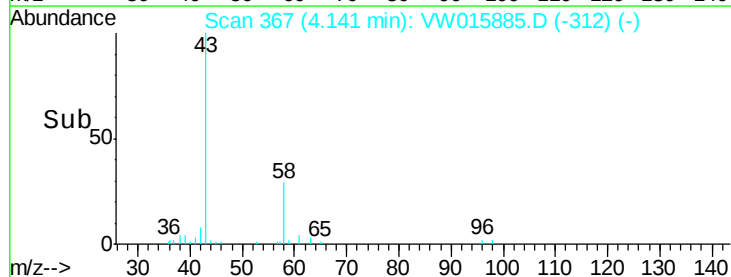
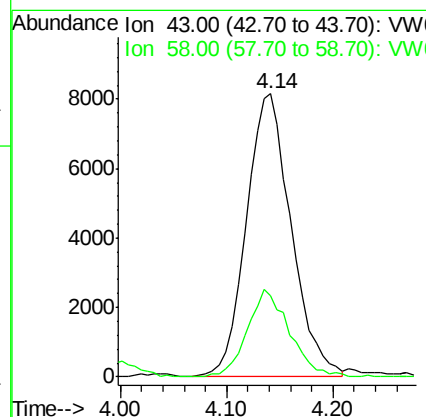
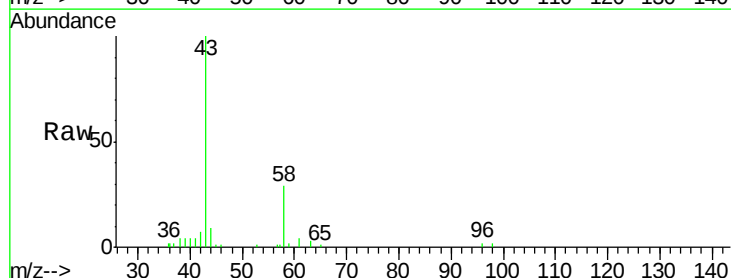
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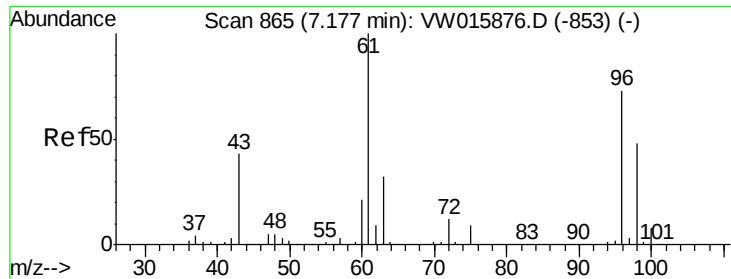
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#13
 Acetone
 Concen: 18.322 ug/L
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW015885.D
 Acq: 21 Jul 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	24110		
58	28.6		0.0	58.2





#21

2-Butanone

Concen: 2.486 ug/L m

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015885.D

Acq: 21 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampleId :

GAXY4MS

Tot Ion: 43 Resp: 4045

Ion Ratio Lower Upper

43 100

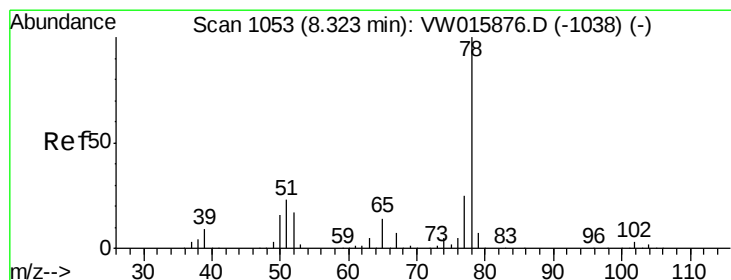
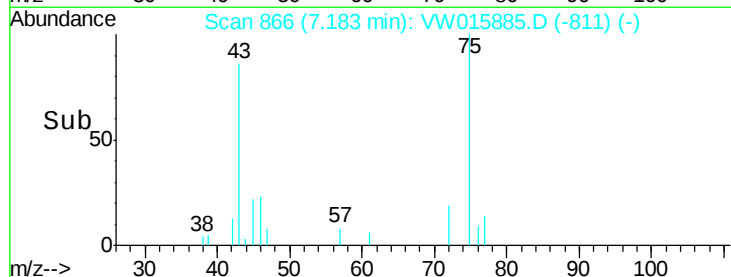
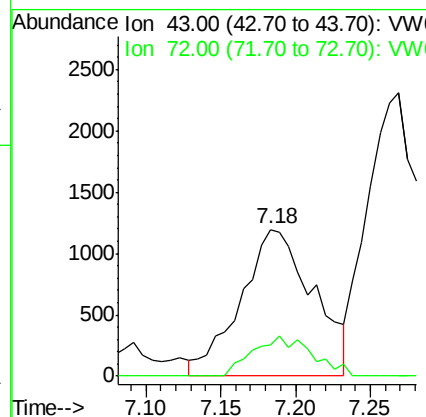
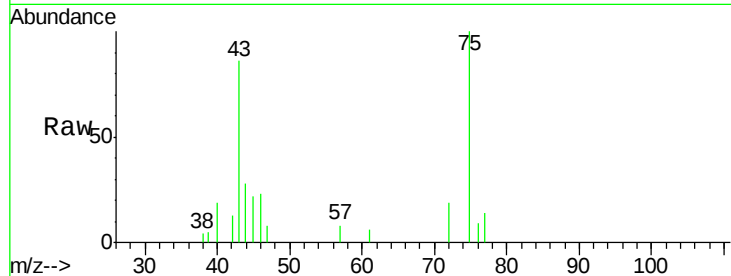
72 13.9 13.9 41.7#

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#34

Benzene

Concen: 21.675 ug/L

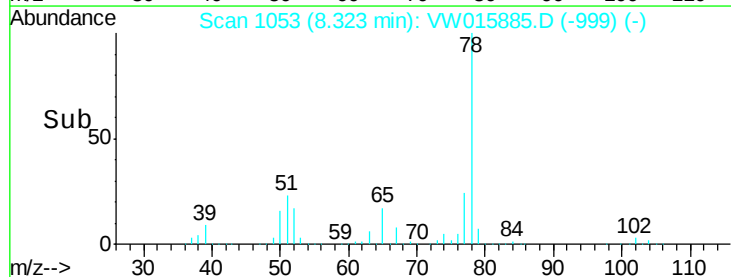
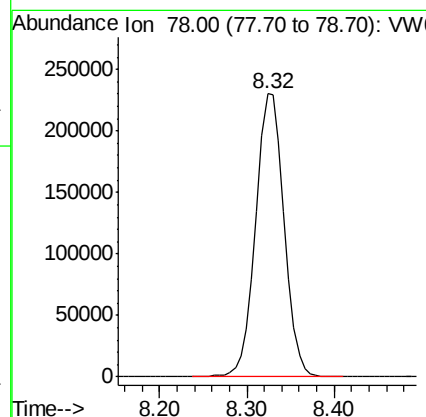
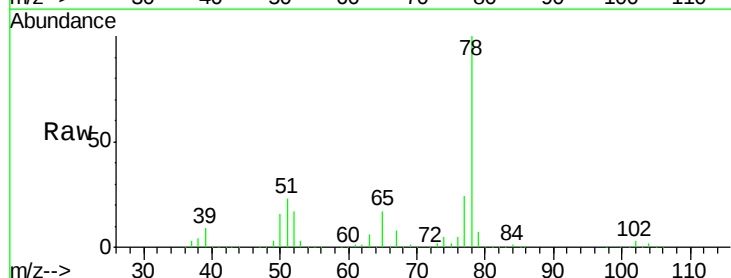
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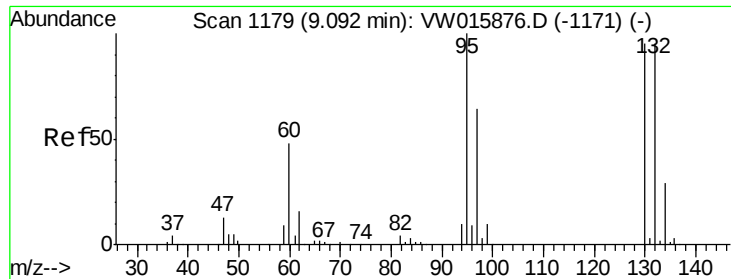
Delta R.T. 0.00 min

Lab File: VW015885.D

Acq: 21 Jul 2020 13:56

Tgt Ion: 78 Resp: 518675





#35

Trichloroethene

Concen: 21.176 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015885.D

Acq: 21 Jul 2020 13:56

Instrument :

MSVOA_W

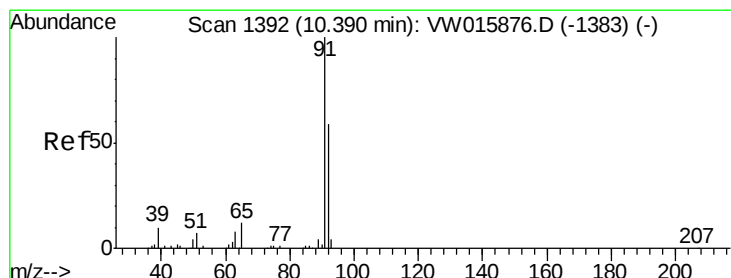
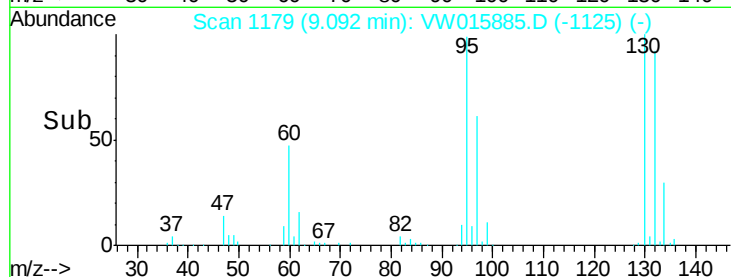
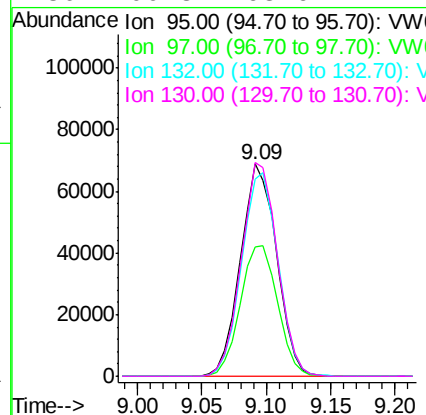
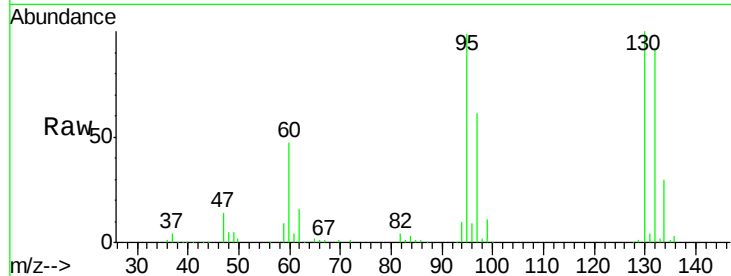
ClientSampled :

GAXY4MS

Tot Ion	95	Resp	134051
Ion Ratio	Lower	Upper	
95	100		
97	63.6	44.4	82.4
132	96.6	65.1	120.9
130	100.3	68.6	127.4

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#44

Toluene

Concen: 22.334 ug/L

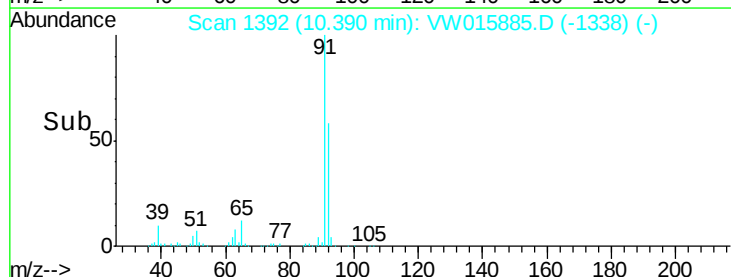
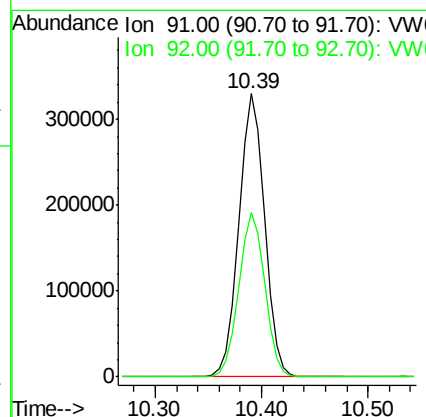
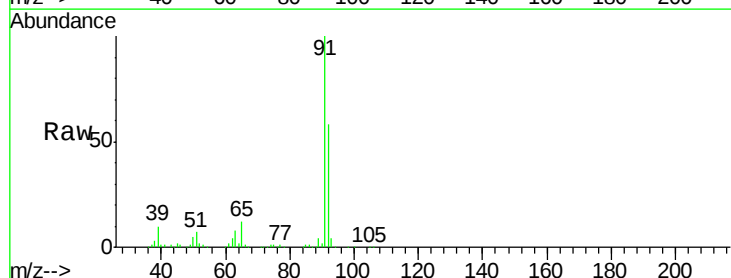
RT: 10.39 min Scan# 1392

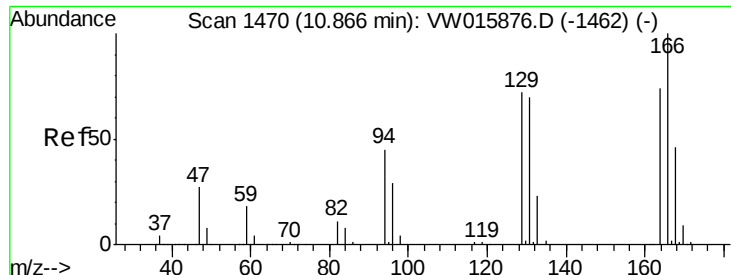
Delta R.T. 0.00 min

Lab File: VW015885.D

Acq: 21 Jul 2020 13:56

Tgt Ion	91	Resp	560533
Ion Ratio	Lower	Upper	
91	100		
92	57.9	41.2	76.4





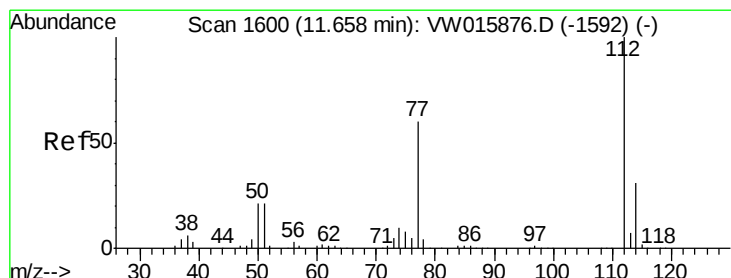
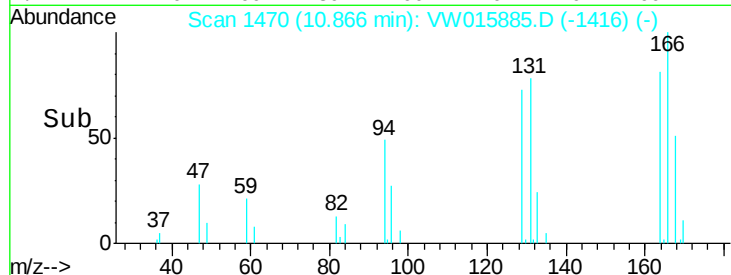
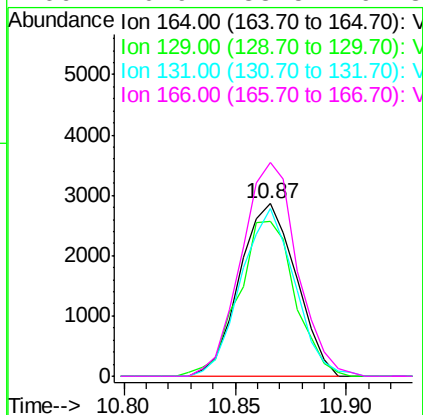
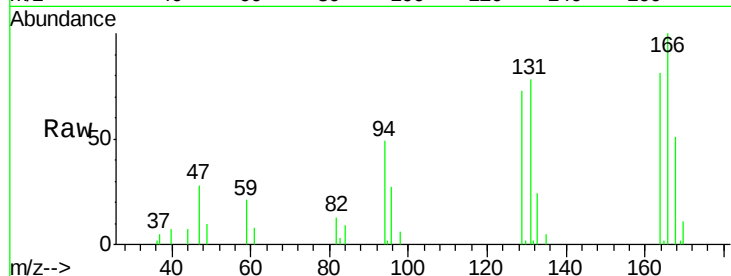
#47
Tetrachloroethene
Concen: 1.032 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015885.D
Acq: 21 Jul 2020 13:56

Instrument :
MSVOA_W
ClientSampleId :
GAXY4MS

Tot Ion	Ratio	Lower	Upper
164	100		
129	90.7	70.0	130.0
131	94.8	67.3	124.9
166	120.9	88.5	164.3

Manual Integrations
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#52
Chlorobenzene
Concen: 21.580 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015885.D
Acq: 21 Jul 2020 13:56

Tgt Ion	Ratio	Lower	Upper
112	100		
77	61.3	47.8	71.6
114	32.0	22.1	41.1

