

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016388.D
 Acq On : 27 Aug 2020 13:53
 Operator : SY/VA
 Sample : L3800-06
 Misc : 6.68G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG3H6

Manual Integrations
 APPROVED

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 8/28/2020 3:18:47 PM

Quant Time: Aug 28 08:53:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 08:08:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	342089	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296277	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130609	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	51633	14.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.56%
7) Chloroethane-d5	2.89	69	44704	16.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.48%
10) 1,1-Dichloroethene-d2	4.01	63	108269	12.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.92%
20) 2-Butanone-d5	7.08	46	40728	39.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.42%
24) Chloroform-d	7.65	84	177514	19.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.64%
26) 1,2-Dichloroethane-d4	8.30	65	92829	20.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.80%
29) Benzene-d6	8.27	84	332458	20.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.40%
33) 1,2-Dichloropropane-d6	9.27	67	94137	20.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.28%
37) Toluene-d8	10.32	98	300160	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.96%
38) trans-1,3-Dichloropropene-	10.58	79	43232	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.28%
39) 2-Hexanone-d5	10.93	63	35472	48.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80737	21.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	99240	19.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.28%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	11751	2.940 ug/L	99
13) Acetone	4.15	43	4502m	5.222 ug/L	
16) Methylene chloride	4.91	84	15609	2.468 ug/L	94
18) trans-1,2-Dichloroethene	5.43	96	2168	0.454 ug/L	92
22) cis-1,2-Dichloroethene	7.16	96	495294	98.720 ug/L	97
35) Trichloroethene	9.09	95	205439	42.695 ug/L	99
47) Tetrachloroethene	10.87	164	3999106	1053.959 ug/L	97

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

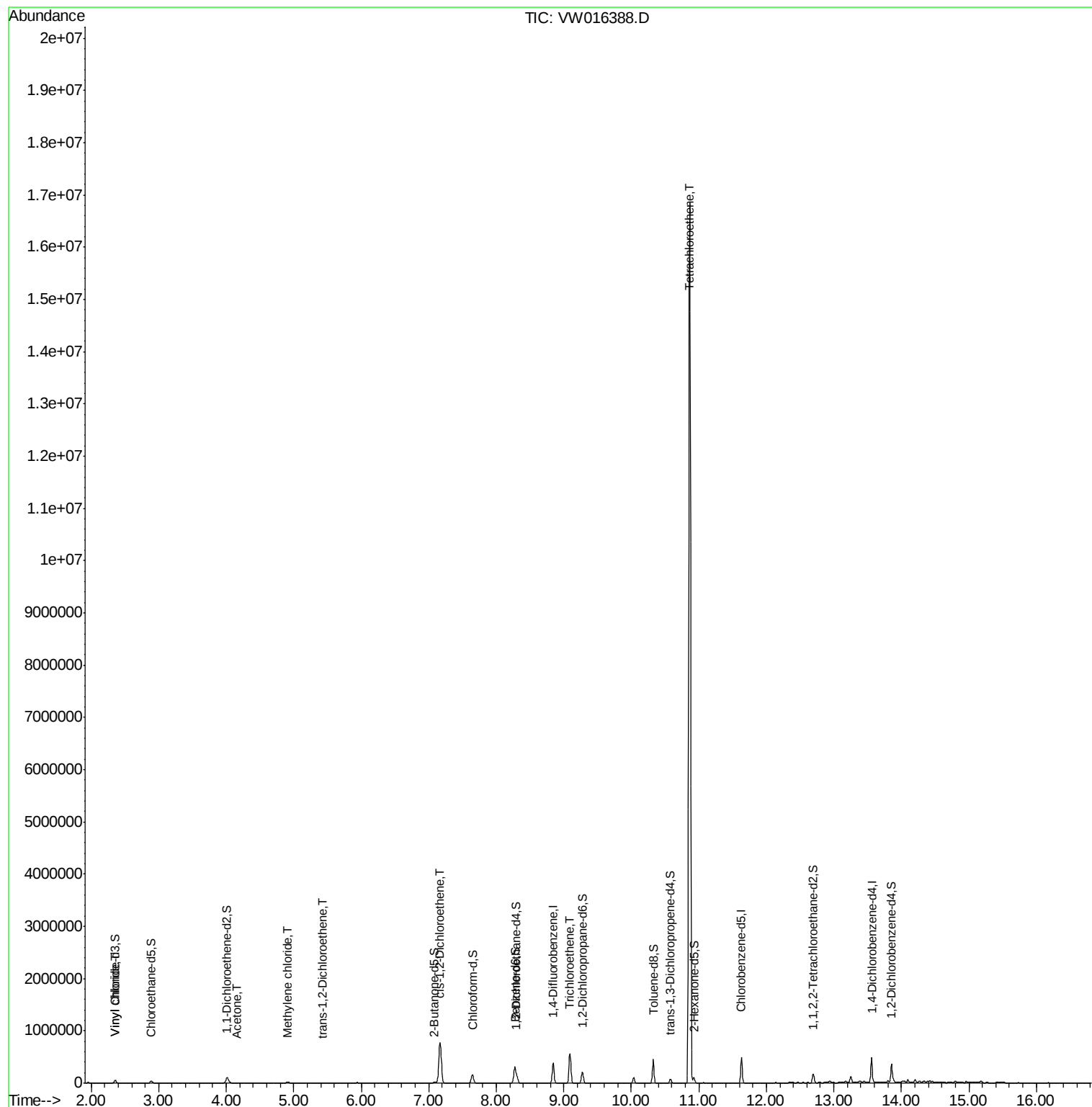
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082720\
Data File : VW016388.D
Acq On : 27 Aug 2020 13:53
Operator : SY/VA
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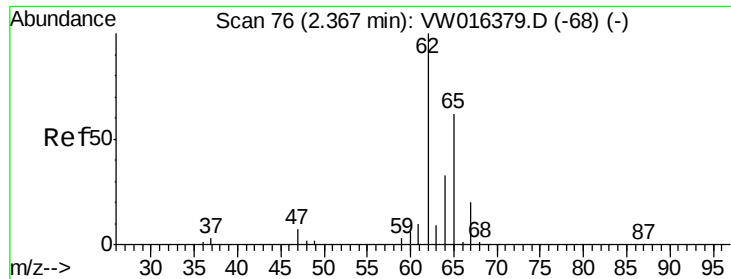
Instrument :
MSVOA_W
ClientSampleId :
BG3H6

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Quant Time: Aug 28 08:53:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 28 08:08:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.940 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016388.D

Acq: 27 Aug 2020 13:53

Instrument :

MSVOA_W

ClientSampled :

BG3H6

Tot Ion: 62 Resp: 11751

Ion Ratio Lower Upper

62 100

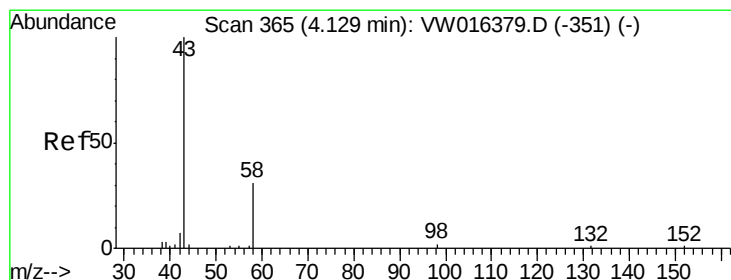
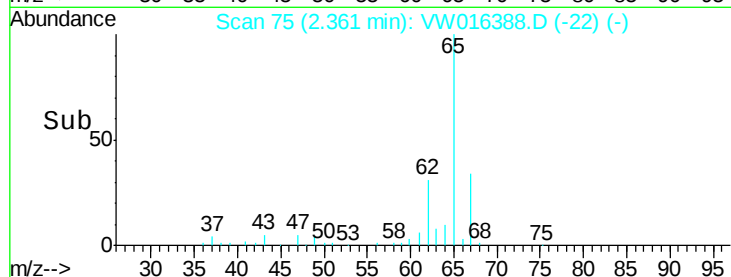
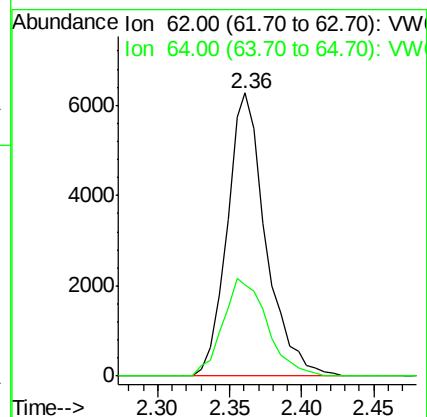
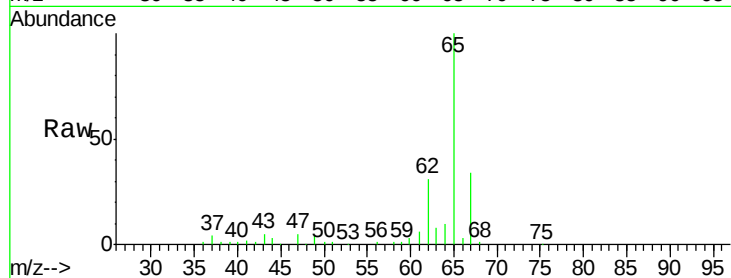
64 32.2 22.0 41.0

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#13

Acetone

Concen: 5.222 ug/L m

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016388.D

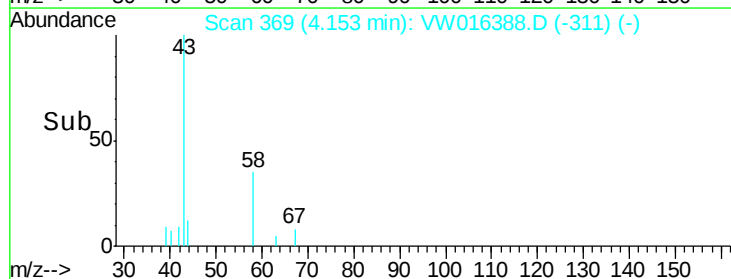
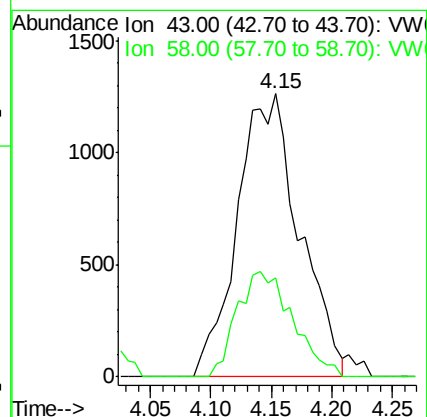
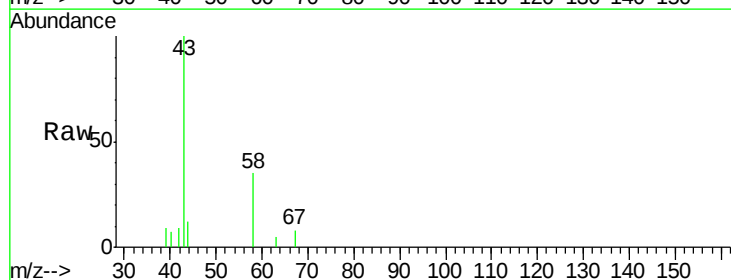
Acq: 27 Aug 2020 13:53

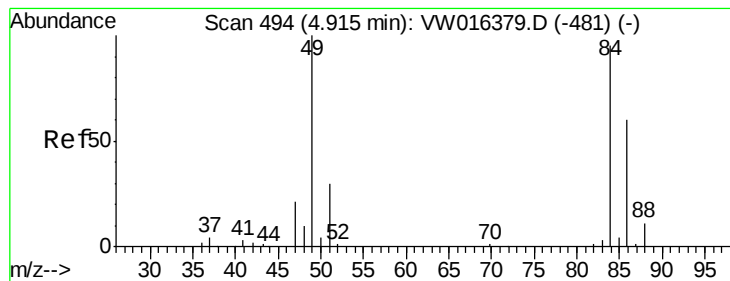
Tgt Ion: 43 Resp: 4502

Ion Ratio Lower Upper

43 100

58 33.4 0.0 63.8





#16

Methvlene chloride

Concen: 2.468 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016388.D

Acq: 27 Aug 2020 13:53

Instrument :

MSVOA_W

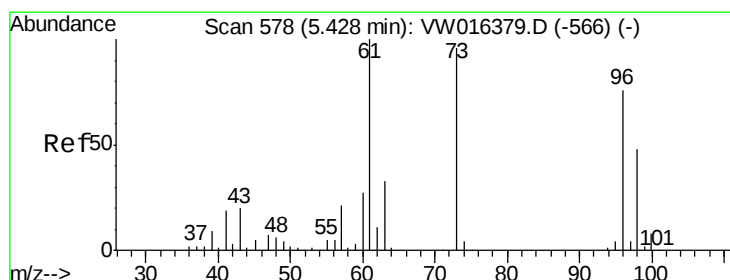
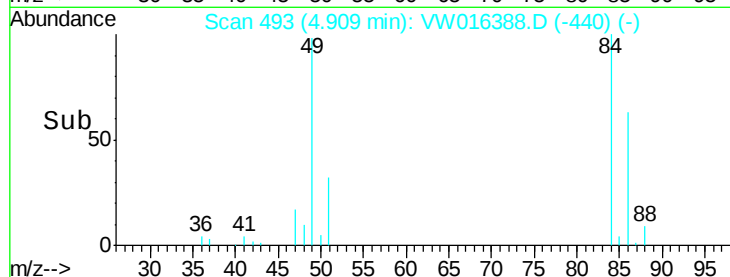
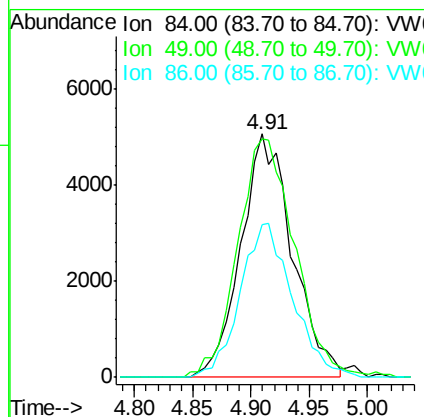
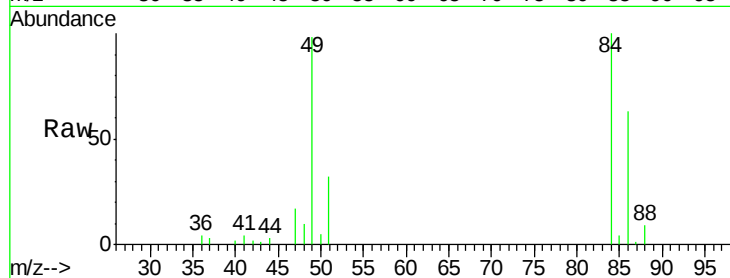
ClientSampleId :

BG3H6

Tot Ion:	84	Resp:	15609
Ion	Ratio	Lower	Upper
84	100		
49	98.0	75.3	139.9
86	62.6	43.3	80.3

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#18

trans-1,2-Dichloroethene

Concen: 0.454 ug/L

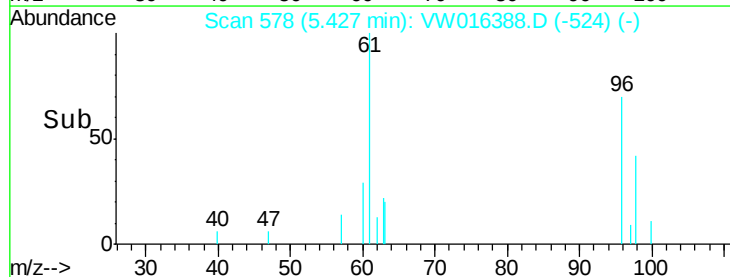
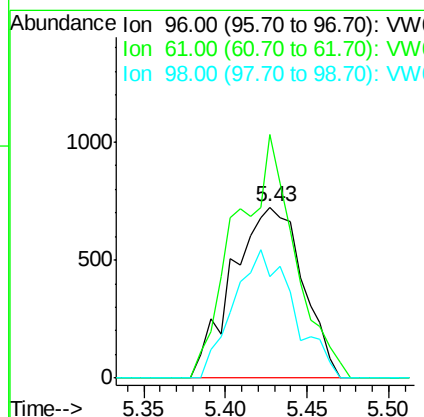
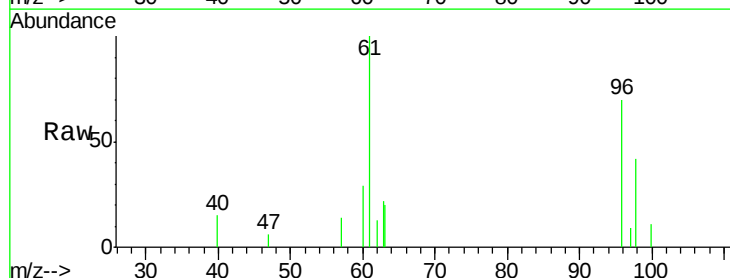
RT: 5.43 min Scan# 578

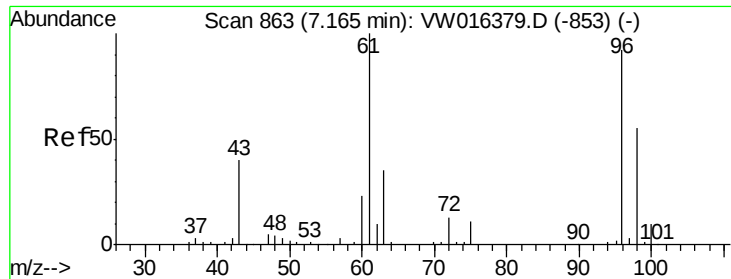
Delta R.T. -0.00 min

Lab File: VW016388.D

Acq: 27 Aug 2020 13:53

Tgt Ion:	96	Resp:	2168
Ion	Ratio	Lower	Upper
96	100		
61	142.3	89.9	167.0
98	59.6	41.6	77.2





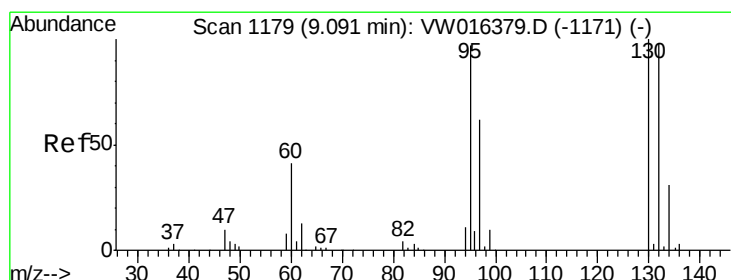
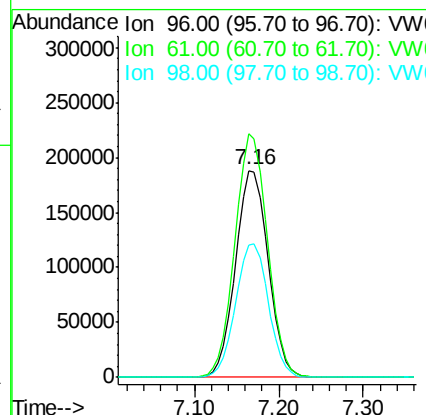
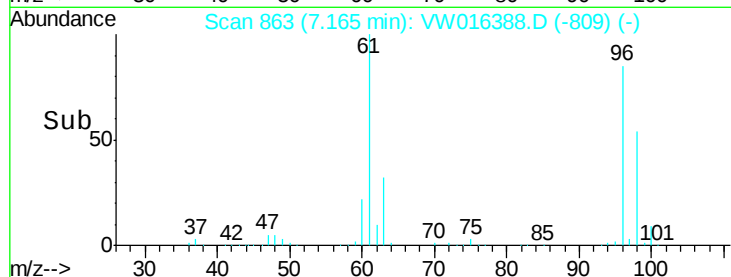
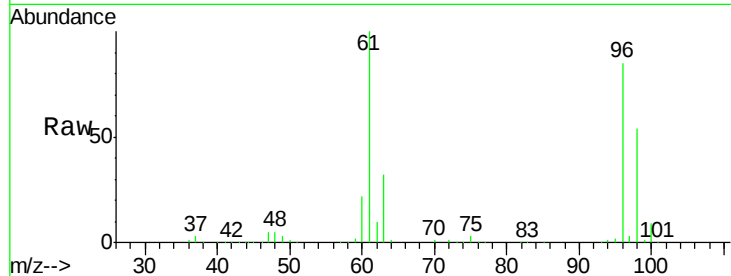
#22
 cis-1,2-Dichloroethene
 Concen: 98.720 ug/L
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW016388.D
 Acq: 27 Aug 2020 13:53

Instrument :
 MSVOA_W
 ClientSampled :
 BG3H6

Tot Ion:	96	Resp:	495294
Ion	Ratio	Lower	Upper
96	100		
61	117.9	84.9	157.7
98	63.9	46.8	86.8

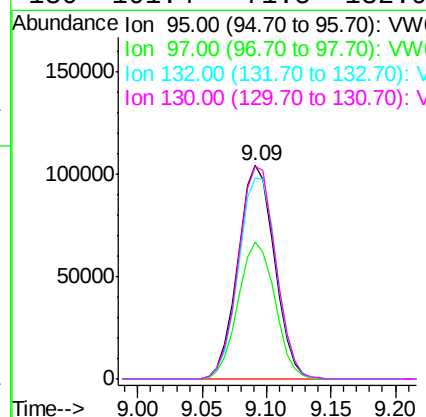
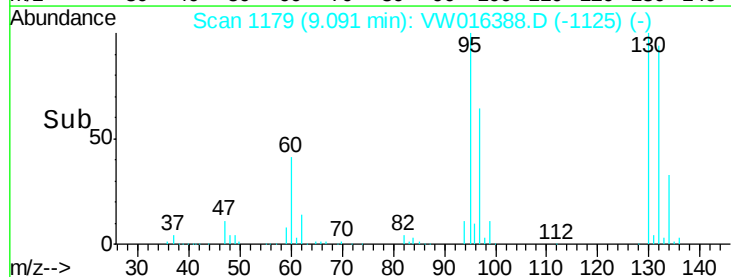
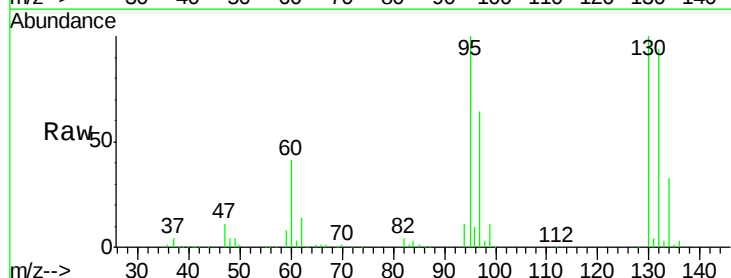
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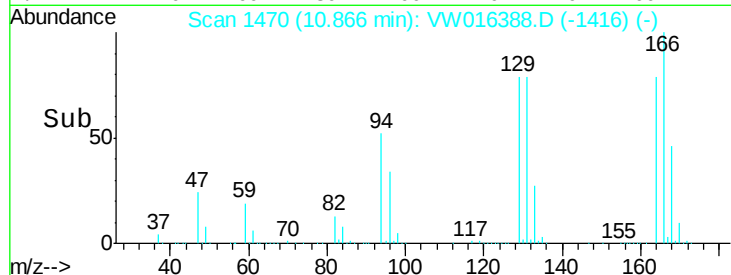
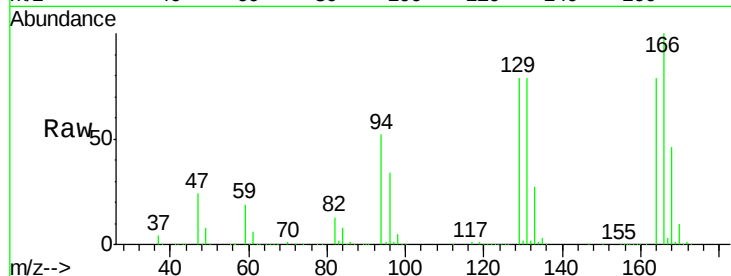
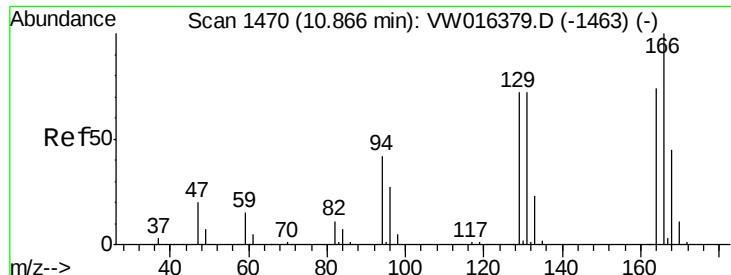
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#35
 Trichloroethene
 Concen: 42.695 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW016388.D
 Acq: 27 Aug 2020 13:53

Tgt Ion:	95	Resp:	205439
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.9	83.5
132	97.9	68.2	126.6
130	101.4	71.5	132.9





#47
Tetrachloroethene
Concen: 1053.959 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016388.D
Acq: 27 Aug 2020 13:53

Instrument :
MSVOA_W
ClientSampleId :
BG3H6

Tot Ion	Ratio	Lower	Upper
164	100		
129	100.2	71.5	132.7
131	100.5	67.4	125.2
166	127.4	92.5	171.9

Manual Integrations
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