

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
 Data File : VW015970.D
 Acq On : 27 Jul 2020 16:36
 Operator : SY/VA
 Sample : L3458-06
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY34

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:52:19 PM

Quant Time: Jul 28 02:47:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 28 01:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	394511	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	363790	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168684	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90422	16.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.96%
7) Chloroethane-d5	2.89	69	71600	15.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.36%
10) 1,1-Dichloroethene-d2	4.01	63	135993	12.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.32%
20) 2-Butanone-d5	7.09	46	113725	77.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.54%#
24) Chloroform-d	7.65	84	185090	16.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.80%
26) 1,2-Dichloroethane-d4	8.31	65	118592	19.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.00%
29) Benzene-d6	8.28	84	370780	16.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.96%
33) 1,2-Dichloropropane-d6	9.28	67	119296	17.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.88%
37) Toluene-d8	10.33	98	330239	16.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.84%
38) trans-1,3-Dichloropropene-	10.58	79	53846	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.12%
39) 2-Hexanone-d5	10.93	63	88066	79.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.34%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	145226	28.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	123439	18.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.08%

Target Compounds

					Ovalue
13) Acetone	4.13	43	19578	15.943	ug/L 97
15) Methyl Acetate	4.67	43	5949m	2.569	ug/L
16) Methylene chloride	4.92	84	14377	2.224	ug/L 90
21) 2-Butanone	7.18	43	3232	2.128	ug/L 99
22) cis-1,2-Dichloroethene	7.18	96	48650	8.683	ug/L 94
35) Trichloroethene	9.10	95	136335	23.326	ug/L 99

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

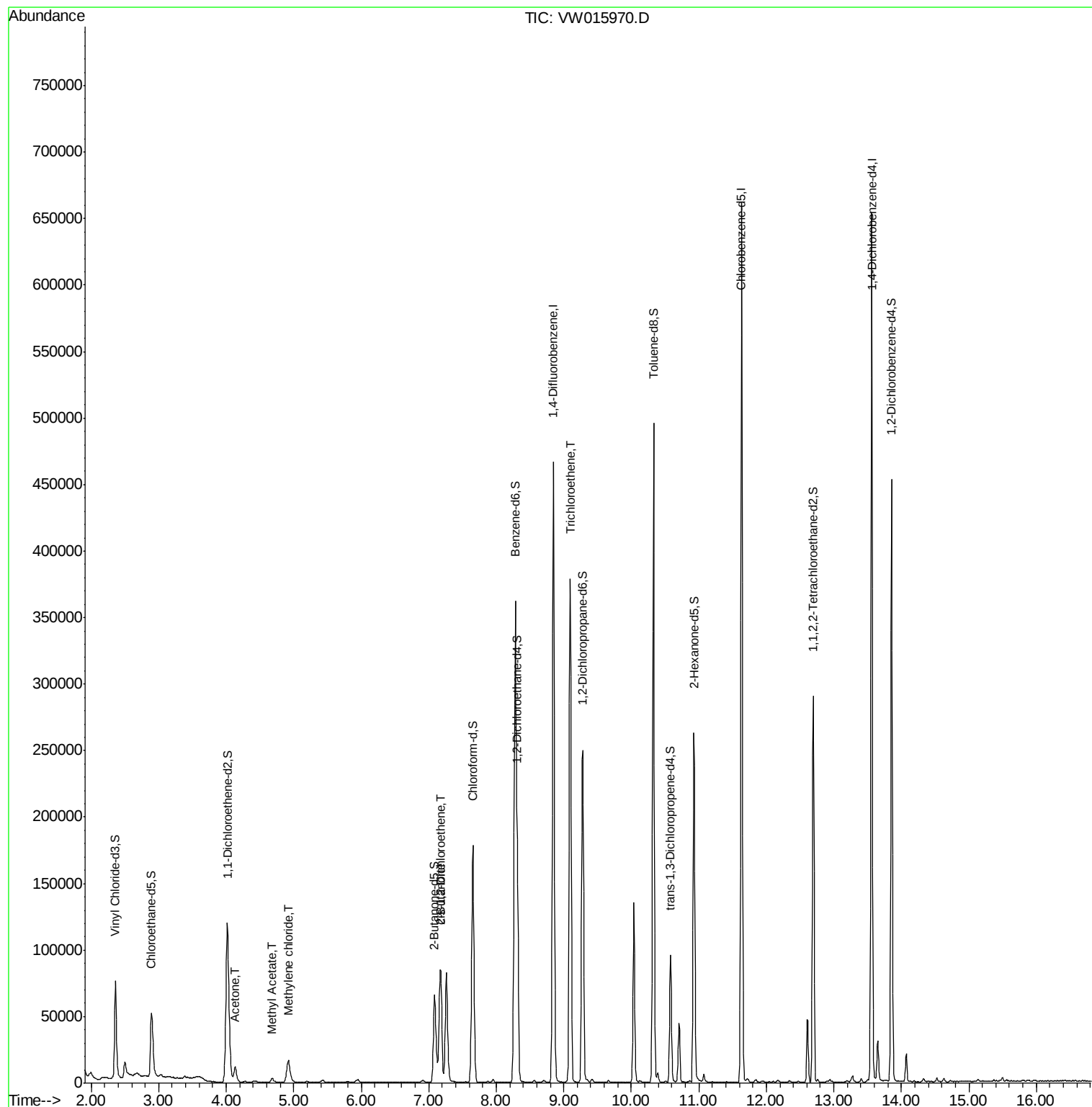
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072720\
Data File : VW015970.D
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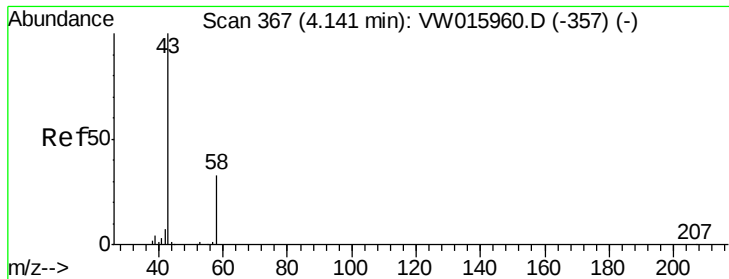
Instrument :
MSVOA_W
ClientSampleId :
GAY34

Manual Integrations
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Quant Time: Jul 28 02:47:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 28 01:36:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 15.943 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW015970.D

Acq: 27 Jul 2020 16:36

Instrument :

MSVOA_W

ClientSampleId :

GAY34

Tot Ion: 43 Resp: 19578

Ion Ratio Lower Upper

43 100

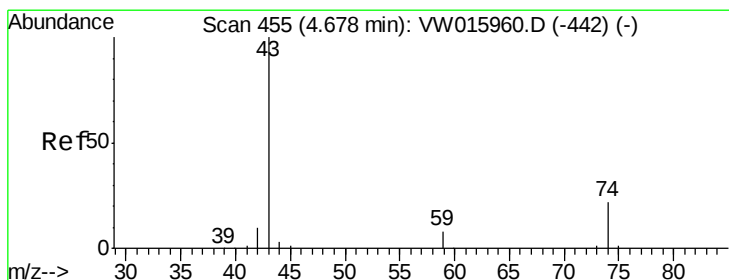
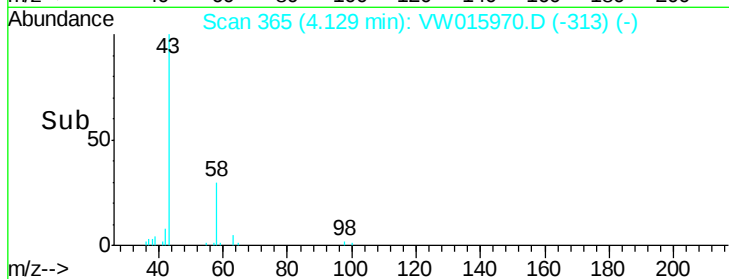
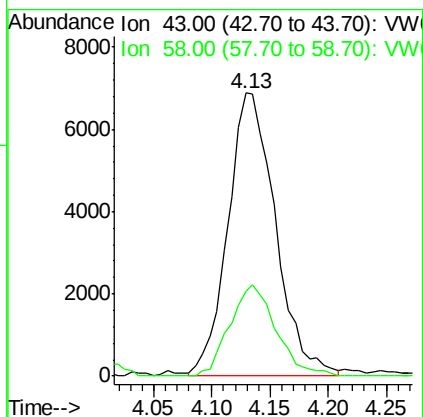
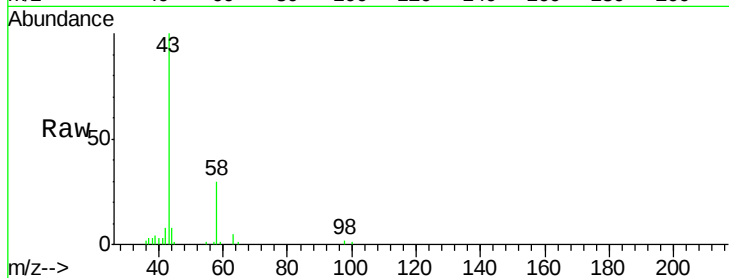
58 30.9 0.0 58.2

Manual Integrations

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#15

Methyl Acetate

Concen: 2.569 ug/L m

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015970.D

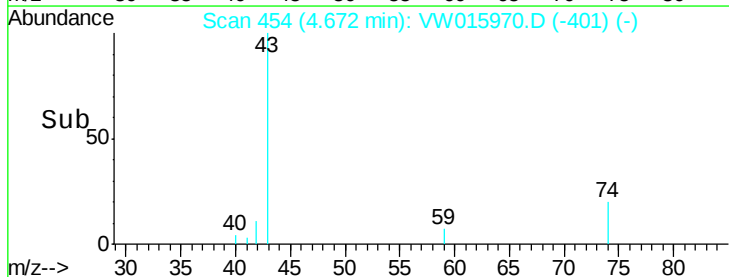
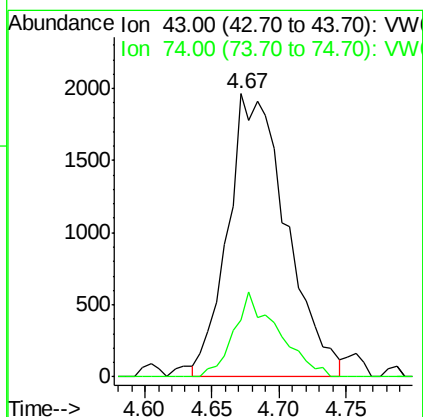
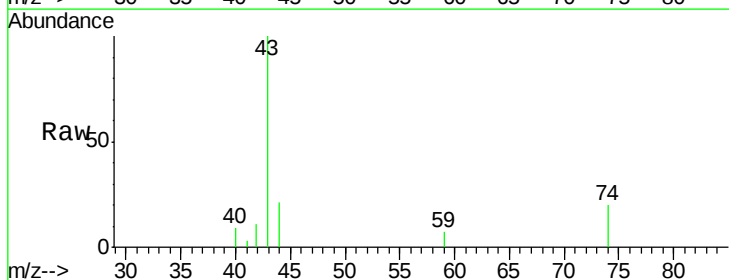
Acq: 27 Jul 2020 16:36

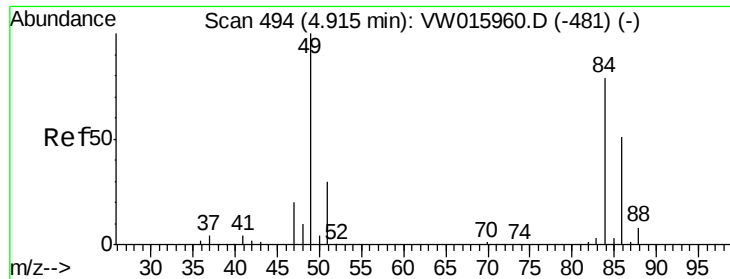
Tgt Ion: 43 Resp: 5949

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.2





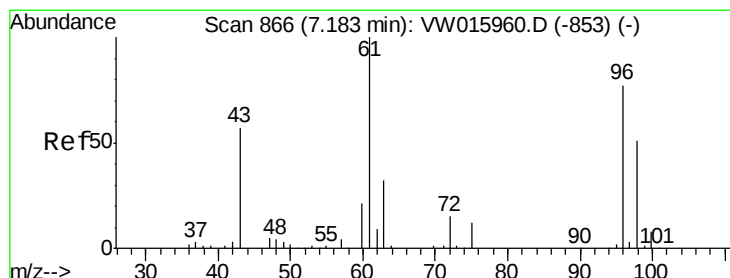
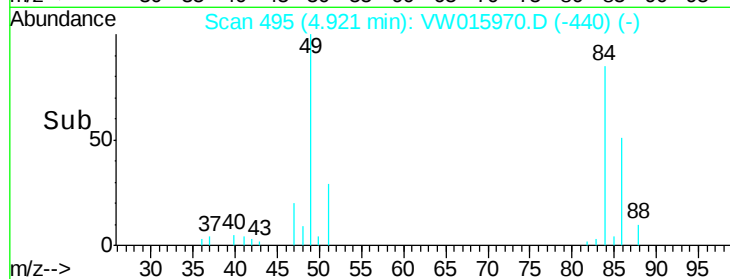
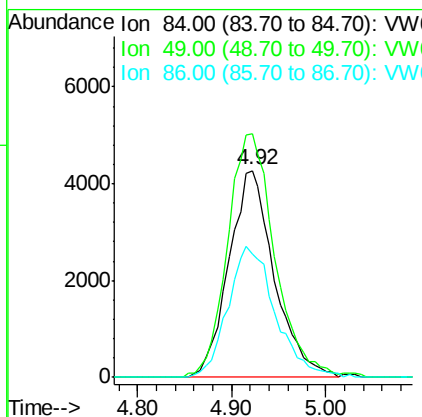
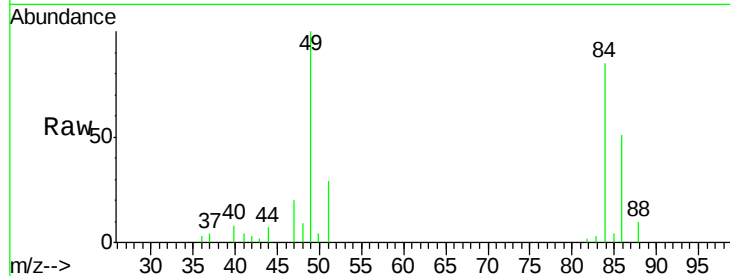
#16
Methvlene chloride
Concen: 2.224 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015970.D
Acq: 27 Jul 2020 16:36

Instrument :
MSVOA_W
ClientSampled :
GAY34

Tot Ion	84	Resp	14377
Ion	Ratio	Lower	Upper
84	100		
49	117.7	91.1	169.1
86	59.8	46.0	85.4

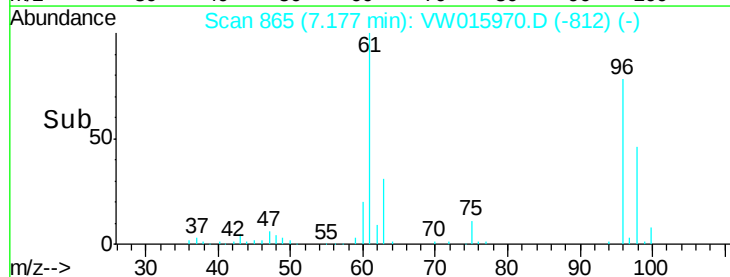
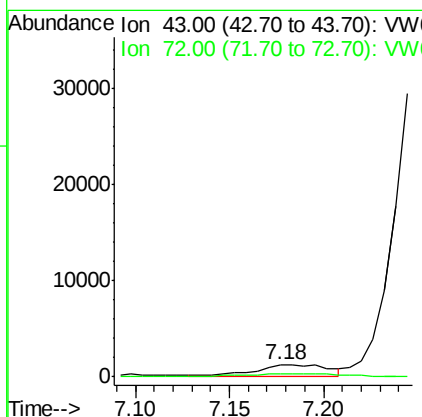
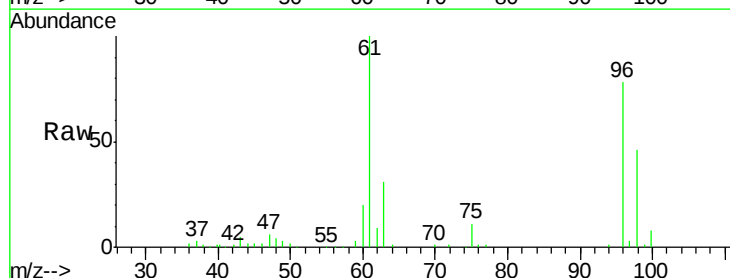
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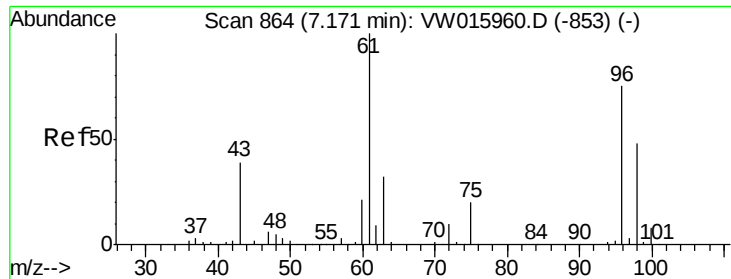
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#21
2-Butanone
Concen: 2.128 ug/L
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW015970.D
Acq: 27 Jul 2020 16:36

Tgt Ion	43	Resp	3232
Ion	Ratio	Lower	Upper
43	100		
72	27.3	13.9	41.7





#22

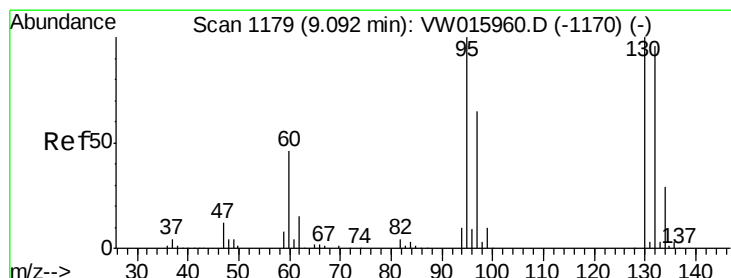
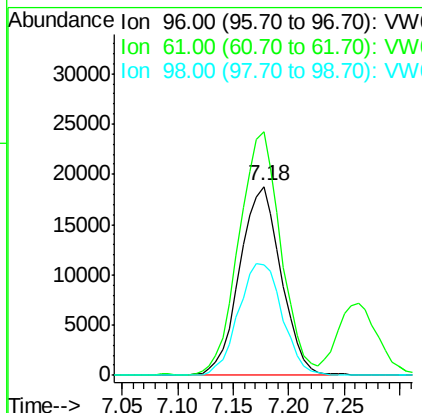
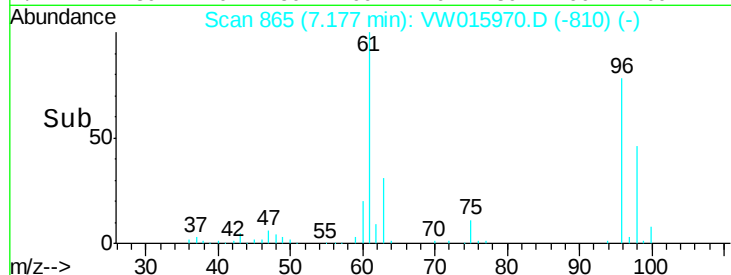
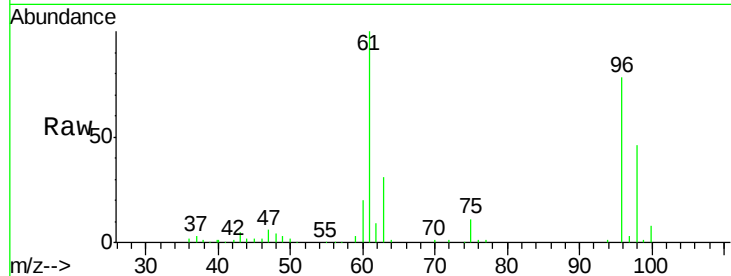
cis-1,2-Dichloroethene
Concen: 8.683 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015970.D
Acq: 27 Jul 2020 16:36

Instrument :
MSVOA_W
ClientSampleId :
GAY34

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	94.6	175.8
98	58.7	44.3	82.3

Manual Integrations
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#35

Trichloroethene
Concen: 23.326 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW015970.D
Acq: 27 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.4	82.4
132	94.9	65.1	120.9
130	99.3	68.6	127.4

