

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016489.D
 Acq On : 04 Jun 2020 04:48
 Operator : SY/MD
 Sample : L2849-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR6

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:38:24 PM

Quant Time: Jun 04 07:33:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 05:34:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	348254	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337147	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173816	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	131922	53.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.96%
7) Chloroethane-d5	1.56	69	78008	43.81	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.62%
11) 1,1-Dichloroethene-d2	2.12	63	152664	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	3.89	46	209255	132.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.67%#
24) Chloroform-d	4.37	84	218950	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.05	65	152631	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
32) Benzene-d6	5.07	84	440477	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
36) 1,2-Dichloropropane-d6	6.09	67	137677	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.86%
41) Toluene-d8	7.34	98	400634	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%
43) trans-1,3-Dichloropropene-	7.64	79	61034	44.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.02%
47) 2-Hexanone-d5	8.11	63	159016	131.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.95%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	202396	53.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	171237	52.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.84%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	2333042	872.188	ug/L 100
12) 1,1-Dichloroethene	2.13	96	9112m	4.713	ug/L
13) Acetone	2.17	43	25767	17.480	ug/L 99
15) Methyl Acetate	2.43	43	2386333	880.777	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	4414	1.809	ug/L 87
20) cis-1,2-Dichloroethene	3.93	96	3673449m	1395.290	ug/L
22) 2-Butanone	3.99	43	30044m	16.425	ug/L

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

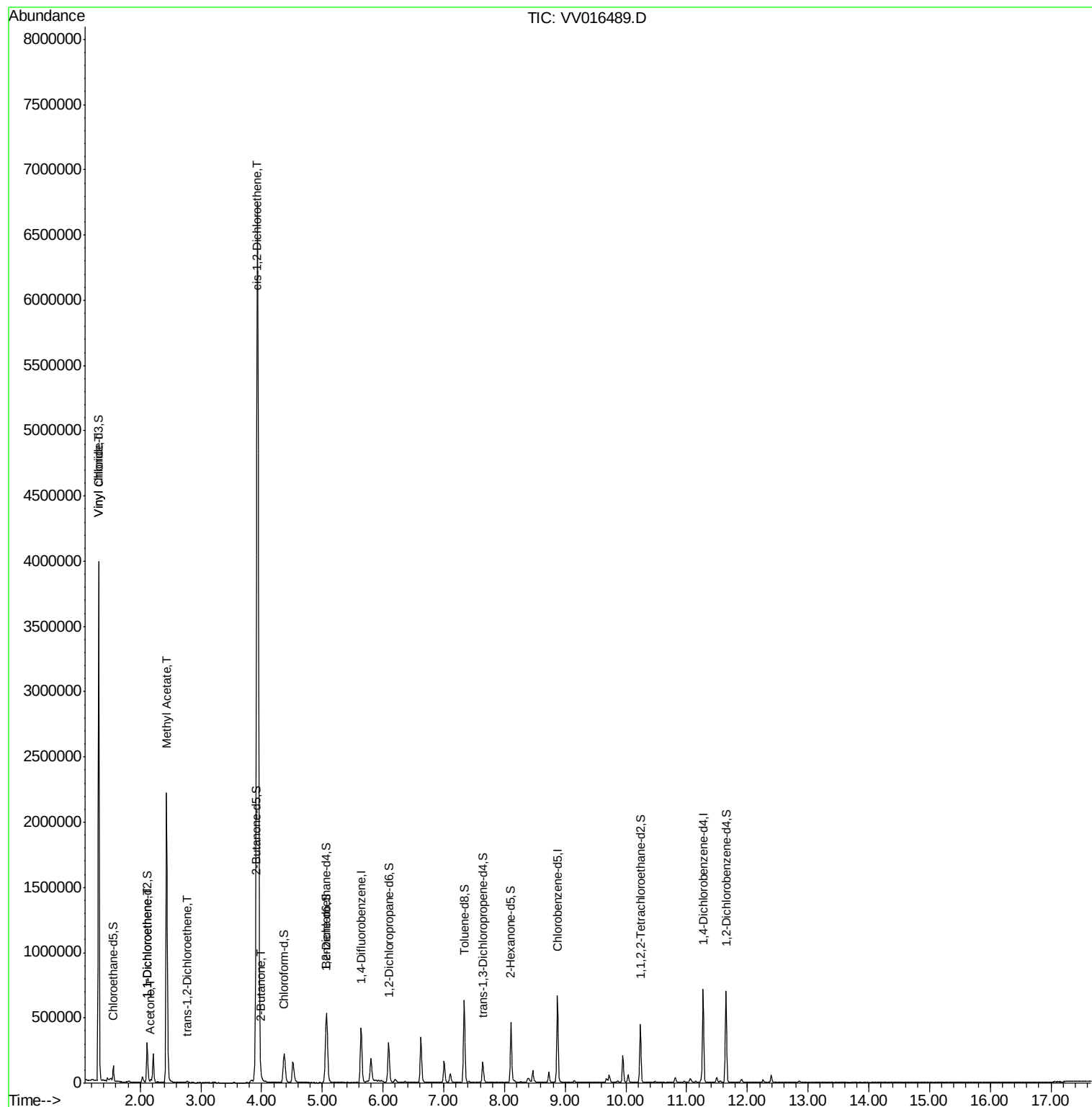
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060320\
Data File : VV016489.D
Acq On : 04 Jun 2020 04:48
Operator : SY/MD
Sample : L2849-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 68 Sample Multiplier: 1

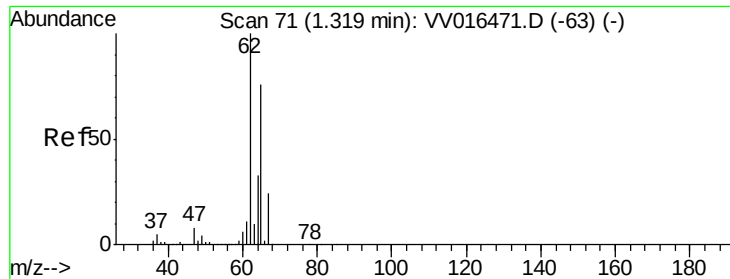
Instrument :
MSVOA_V
ClientSampleId :
ETTR6

Quant Time: Jun 04 07:33:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:38:24 PM





#5

Vinyl chloride

Concen: 872.188 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016489.D

Acq: 04 Jun 2020 04:48

Instrument :

MSVOA_V

ClientSampled :

ETTR6

Tot Ion: 62 Resp: 2333042

Ion Ratio Lower Upper

62 100

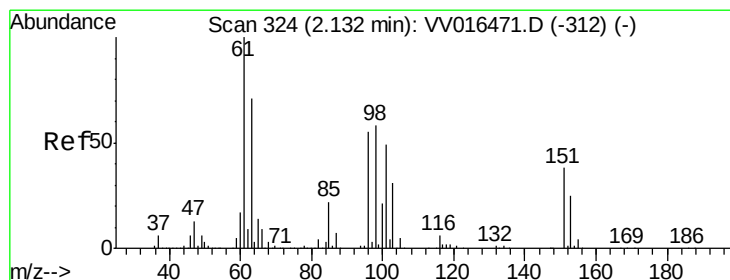
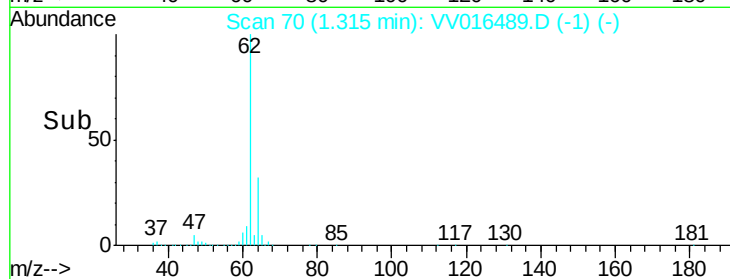
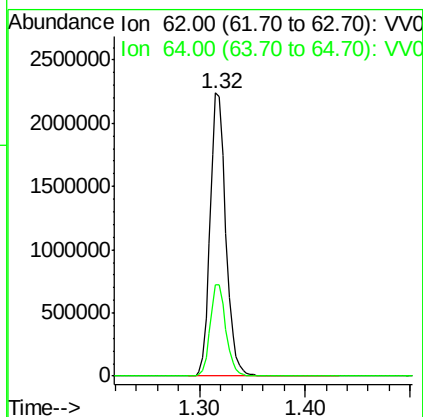
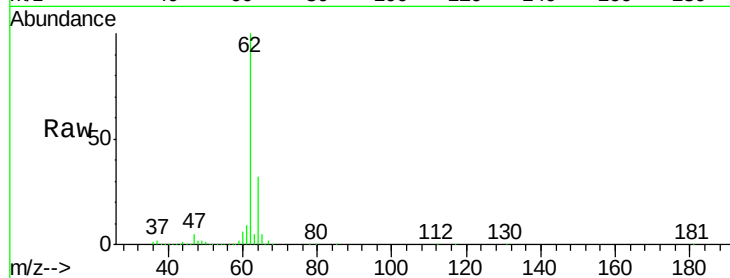
64 32.4 22.7 42.1

Manual Integrations

APPROVED

MMDadoda

6/4/2020 3:38:24 PM



#12

1,1-Dichloroethene

Concen: 4.713 ug/L m

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016489.D

Acq: 04 Jun 2020 04:48

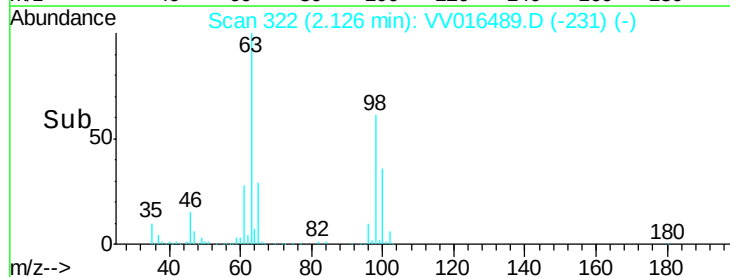
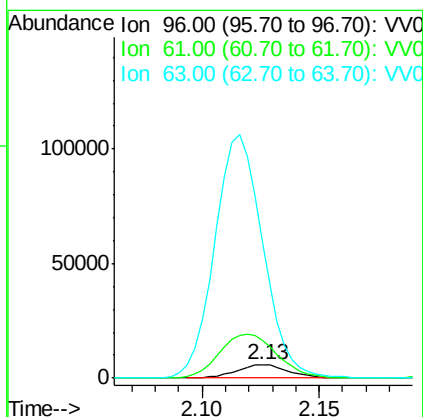
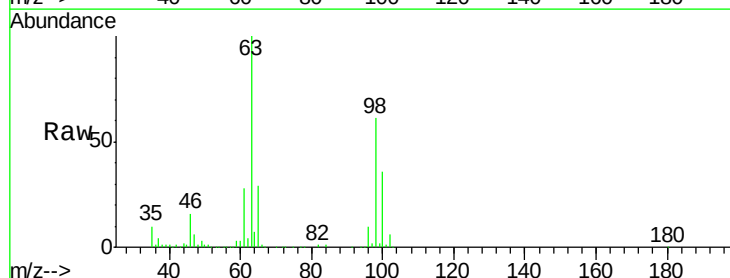
Tgt Ion: 96 Resp: 9112

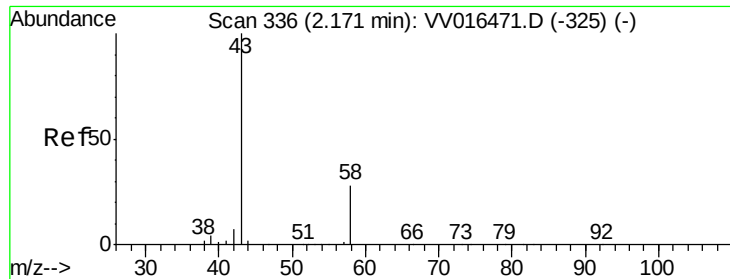
Ion Ratio Lower Upper

96 100

61 274.9 125.5 233.1#

63 977.4 104.0 193.1#





#13

Acetone

Concen: 17.480 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016489.D

Acq: 04 Jun 2020 04:48

Instrument :

MSVOA_V

ClientSampled :

ETTR6

Tot Ion: 43 Resp: 25767

Ion Ratio Lower Upper

43 100

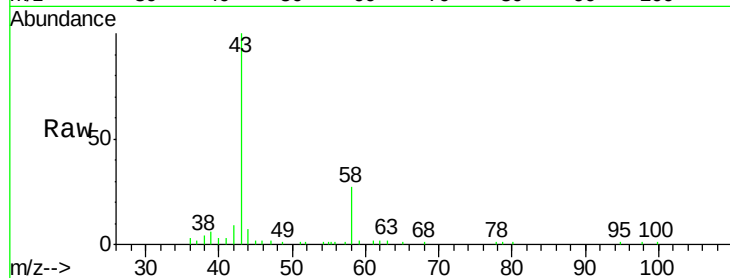
58 28.1 0.0 57.2

Manual Integrations

APPROVED

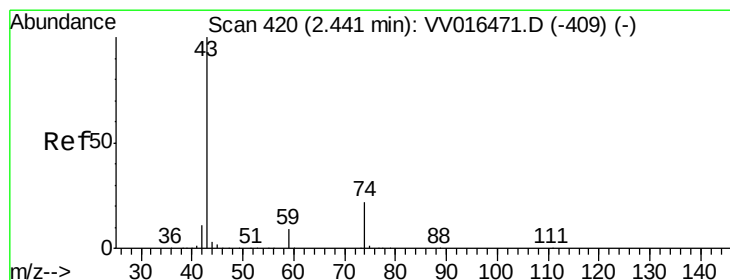
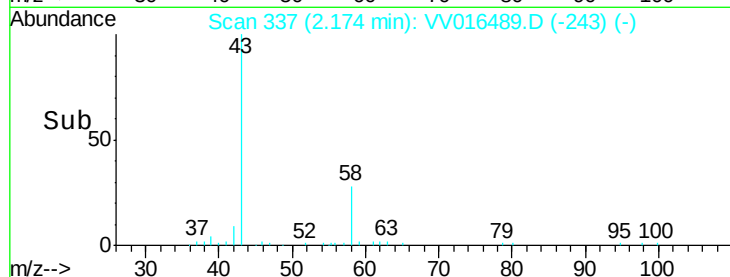
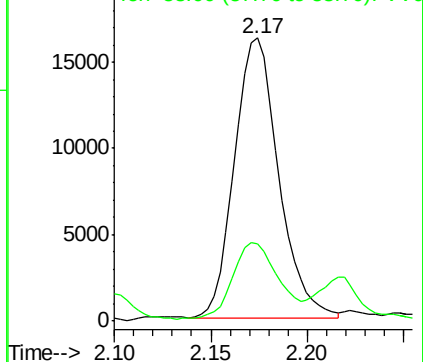
MMDadoda

6/4/2020 3:38:24 PM



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 880.777 ug/L

RT: 2.43 min Scan# 418

Delta R.T. -0.01 min

Lab File: VV016489.D

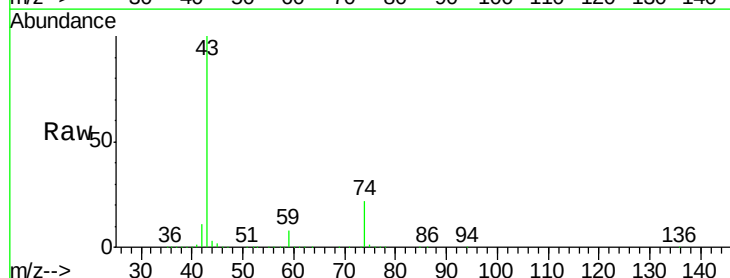
Acq: 04 Jun 2020 04:48

Tgt Ion: 43 Resp: 2386333

Ion Ratio Lower Upper

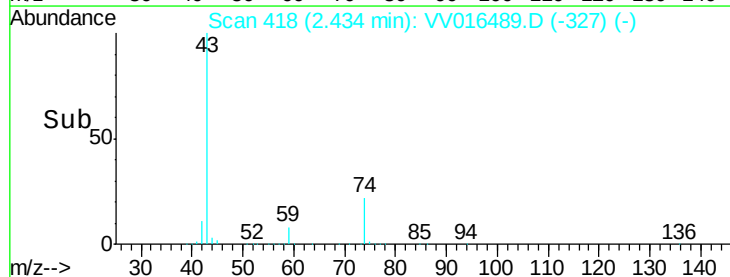
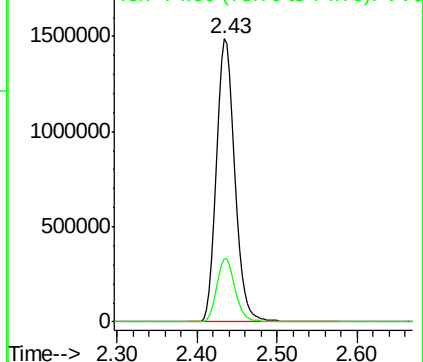
43 100

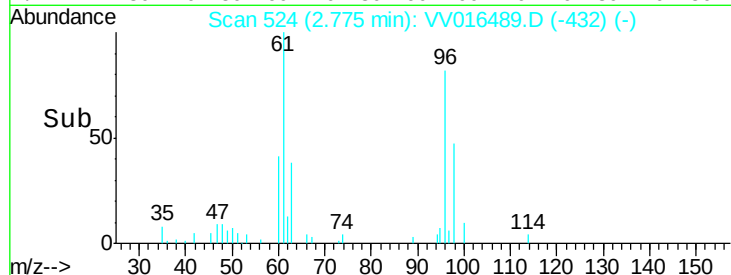
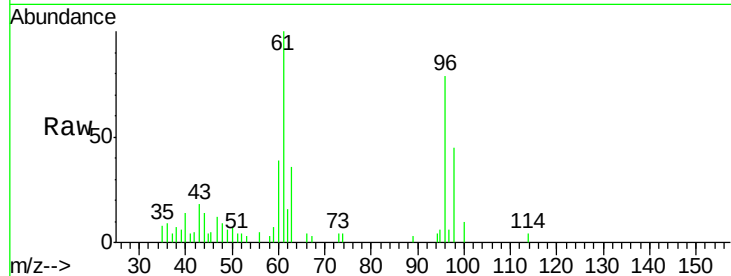
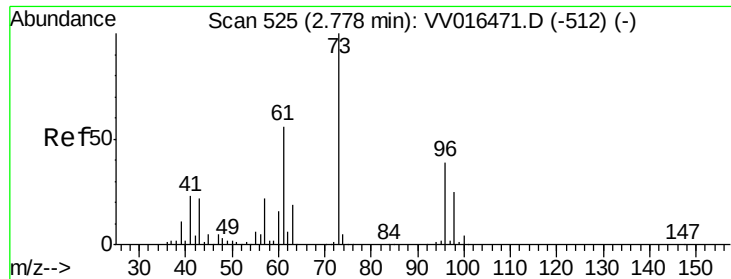
74 22.4 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 1.809 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV016489.D

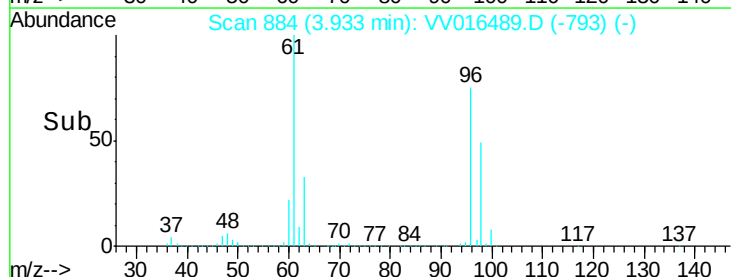
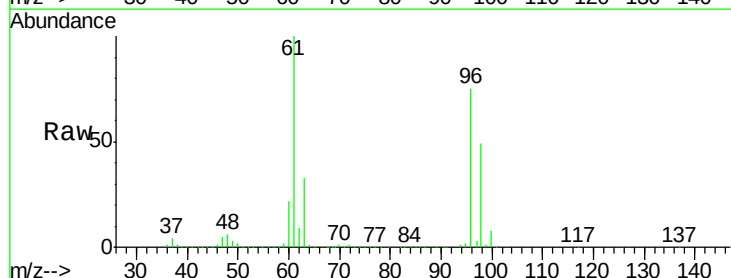
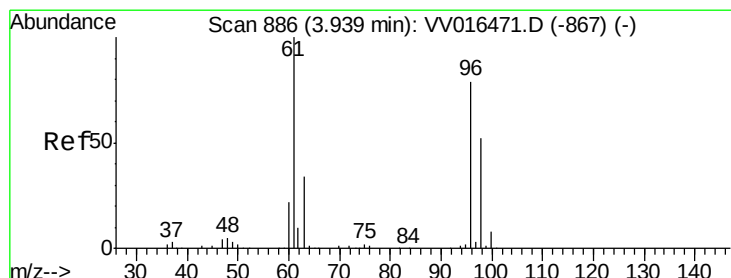
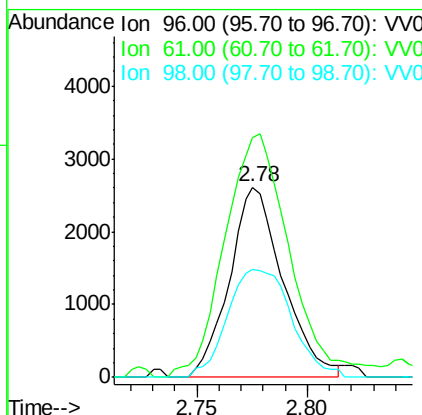
Acq: 04 Jun 2020 04:48

Tot Ion:	96	Resp:	4414
Ion	Ratio	Lower	Upper
96	100		
61	126.4	101.0	187.6
98	57.1	44.7	83.1

Instrument :
MSVOA_V
ClientSampleId :
ETTR6

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:38:24 PM



#20

cis-1,2-Dichloroethene

Concen: 1395.290 ug/L m

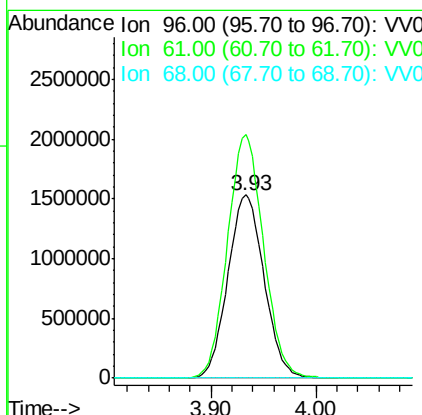
RT: 3.93 min Scan# 884

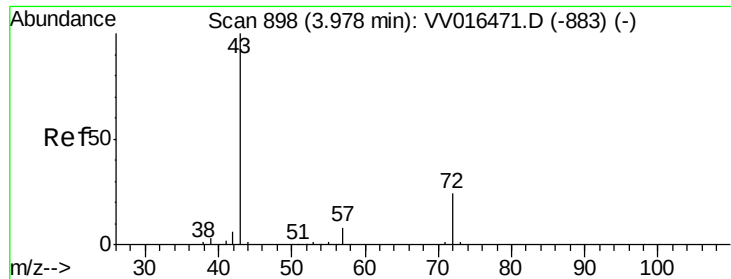
Delta R.T. -0.01 min

Lab File: VV016489.D

Acq: 04 Jun 2020 04:48

Tgt Ion:	96	Resp:	3673449
Ion	Ratio	Lower	Upper
96	100		
61	133.0	93.4	173.4
68	0.0	0.0	0.0#





#22
 2-Butanone
 Concen: 16.425 ug/L m
 RT: 3.99 min Scan# 903
 Delta R.T. 0.02 min
 Lab File: VV016489.D
 Acq: 04 Jun 2020 04:48

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR6

Tot Ion: 43 Resp: 30044
 Ion Ratio Lower Upper
 43 100
 72 0.2 12.8 38.3#

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:38:24 PM

