

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016605.D
 Acq On : 06 Jun 2020 22:36
 Operator : SY/MD
 Sample : L2875-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS1

Quant Time: Jun 07 01:27:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Jun 07 01:25:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371987	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	365818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180126	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	153938	58.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.86%
7) Chloroethane-d5	1.56	69	85394	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	165416	35.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.84%
21) 2-Butanone-d5	3.90	46	213873	126.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.95%
24) Chloroform-d	4.37	84	249532	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
26) 1,2-Dichloroethane-d4	5.05	65	174847	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
32) Benzene-d6	5.07	84	494612	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
36) 1,2-Dichloropropane-d6	6.09	67	154531	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.22%
41) Toluene-d8	7.34	98	451026	50.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.36%
43) trans-1,3-Dichloropropene-	7.64	79	74800	50.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.54%
47) 2-Hexanone-d5	8.11	63	164326	125.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	216347	52.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	188197	55.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

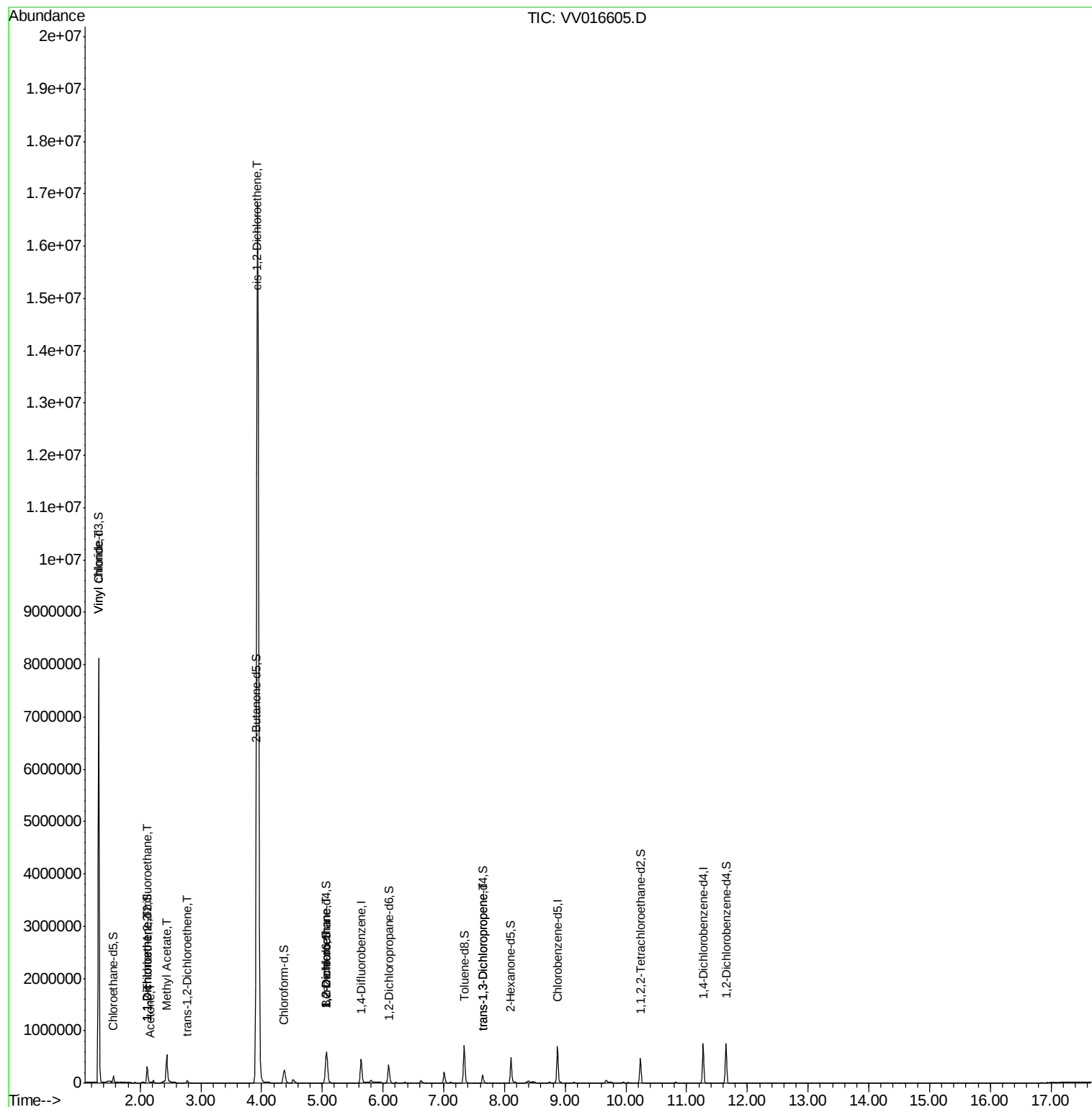
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4836718	1692.805	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1448	0.675	ug/L #	27
12) 1,1-Dichloroethene	2.13	96	6046	2.928	ug/L #	1
13) Acetone	2.17	43	15165	9.631	ug/L	97
15) Methyl Acetate	2.44	43	555207	191.848	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	15747	6.043	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	9297081	3306.021	ug/L #	98
27) 1,2-Dichloroethane	5.07	62	3461	0.843	ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	4128	1.029	ug/L	89

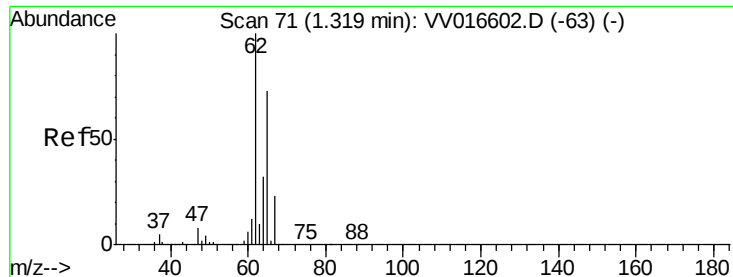
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 07 01:25:32 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1692.805 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016605.D

Acq: 06 Jun 2020 22:36

Instrument :

MSVOA_V

ClientSampled :

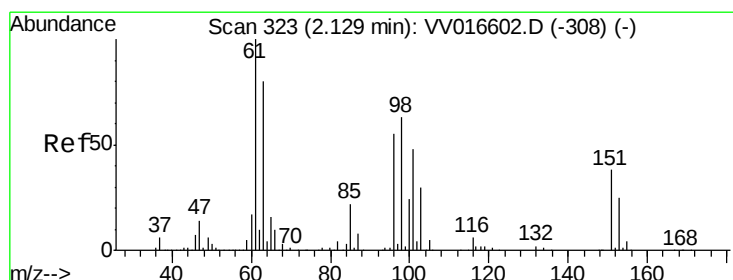
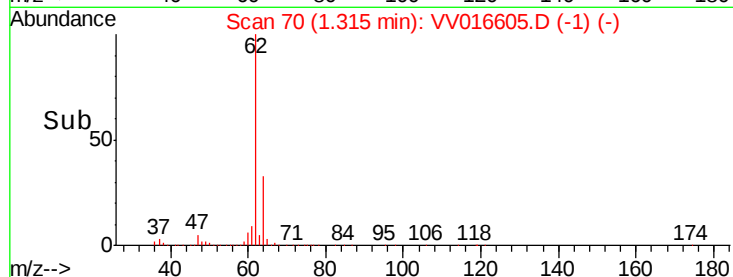
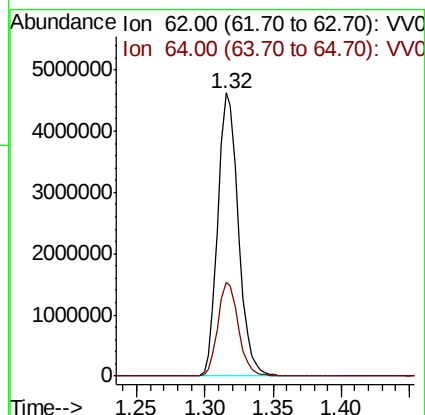
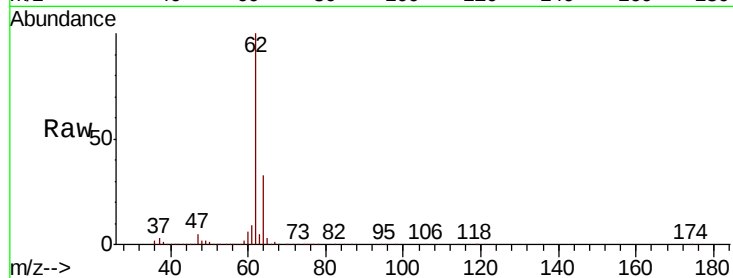
ETTS1

Tot Ion: 62 Resp: 4836718

Ion Ratio Lower Upper

62 100

64 33.3 22.7 42.1



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.675 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016605.D

Acq: 06 Jun 2020 22:36

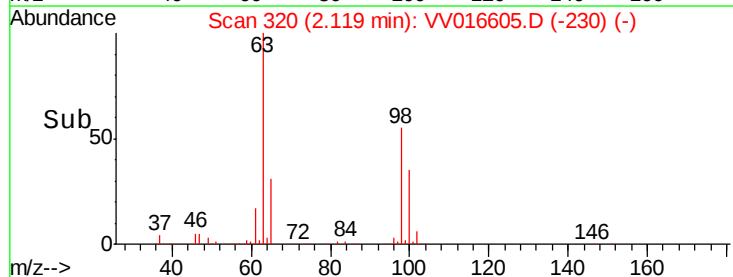
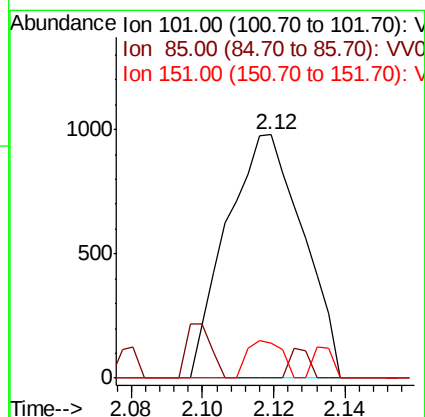
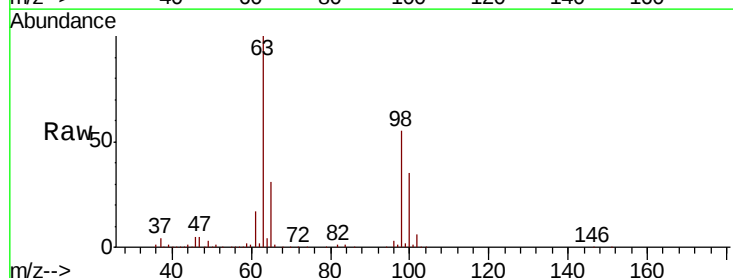
Tgt Ion: 101 Resp: 1448

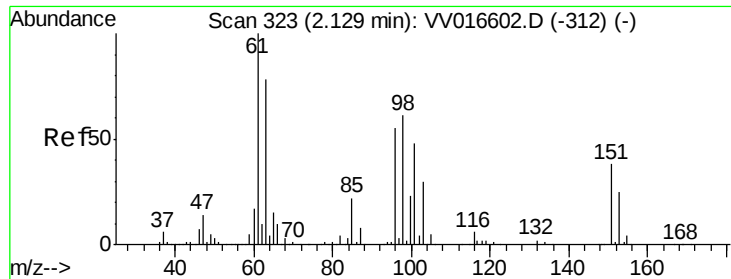
Ion Ratio Lower Upper

101 100

85 7.2 35.6 53.4#

151 7.0 61.8 92.8#





#12

1,1-Dichloroethene

Concen: 2.928 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016605.D

Acq: 06 Jun 2020 22:36

Instrument :

MSVOA_V

ClientSampleId :

ETTS1

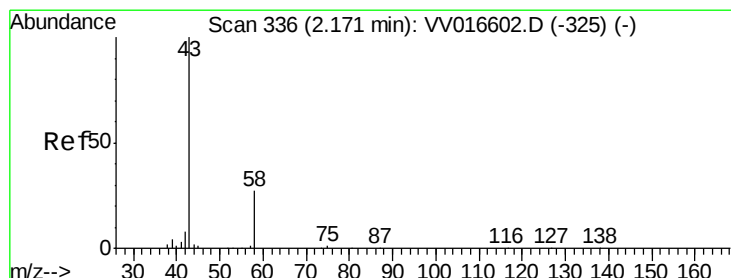
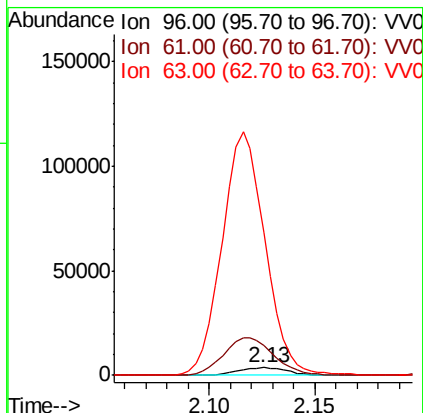
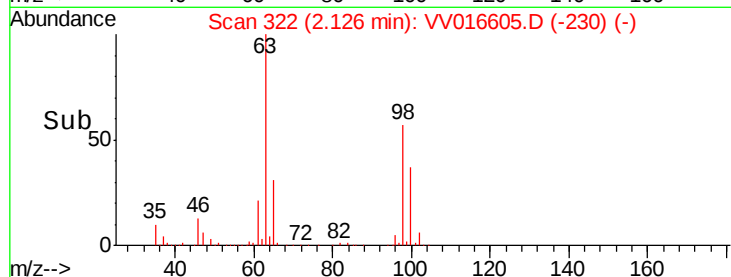
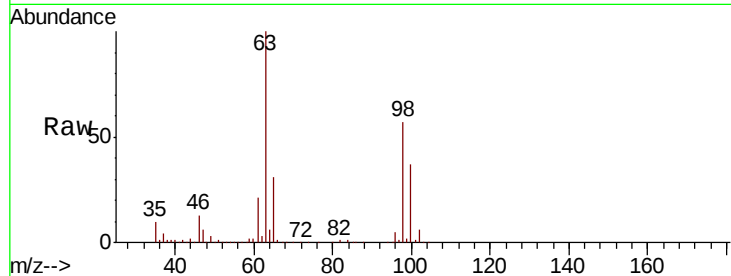
Tot Ion: 96 Resp: 6046

Ion Ratio Lower Upper

96 100

61 385.8 125.5 233.1#

63 1842.0 104.0 193.1#



#13

Acetone

Concen: 9.631 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016605.D

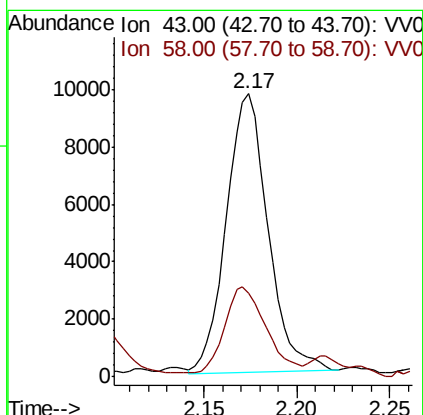
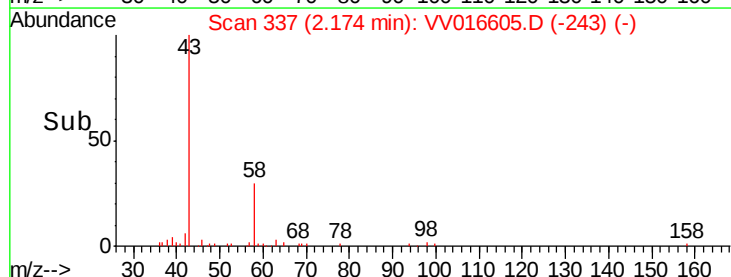
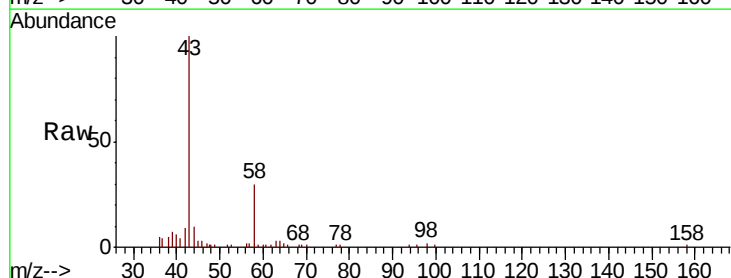
Acq: 06 Jun 2020 22:36

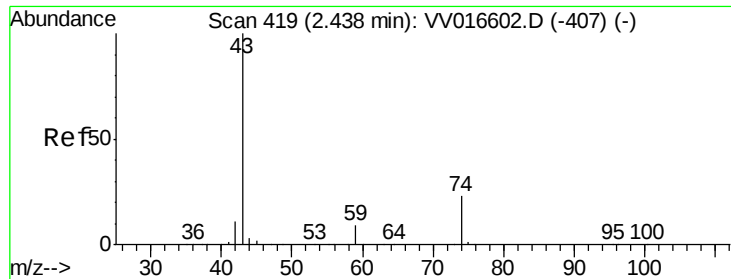
Tgt Ion: 43 Resp: 15165

Ion Ratio Lower Upper

43 100

58 30.3 0.0 57.2

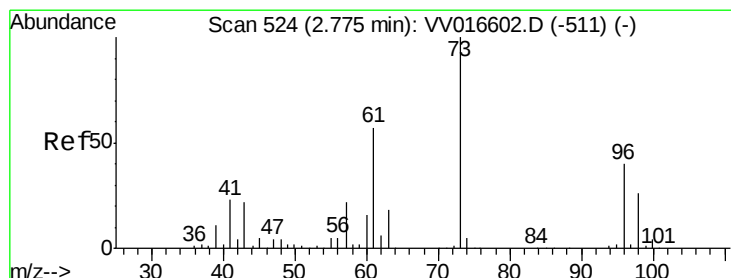
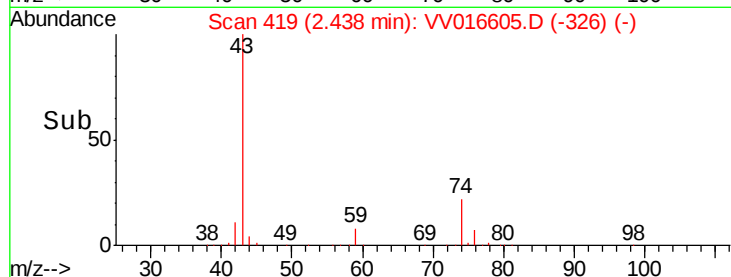
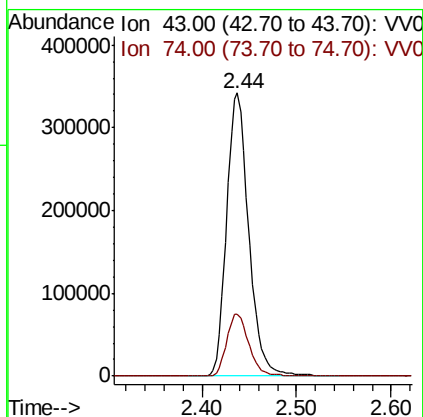
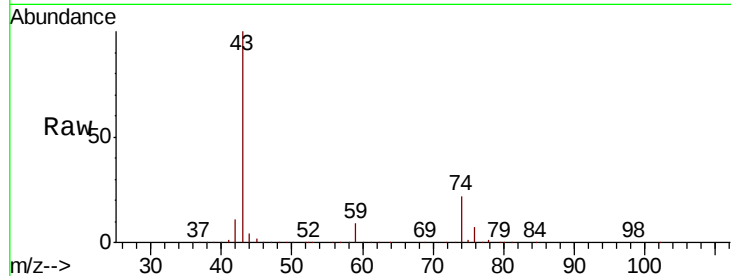




#15
Methvl Acetate
Concen: 191.848 ug/L
RT: 2.44 min Scan# 419
Delta R.T. -0.00 min
Lab File: VV016605.D
Acq: 06 Jun 2020 22:36

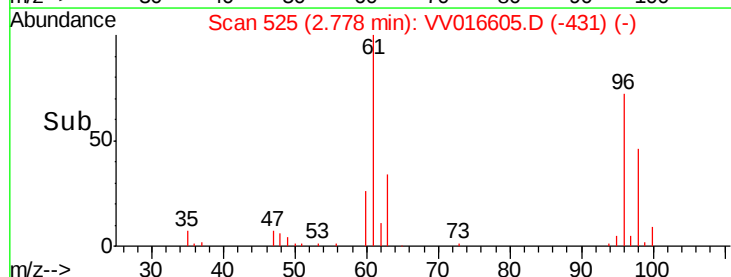
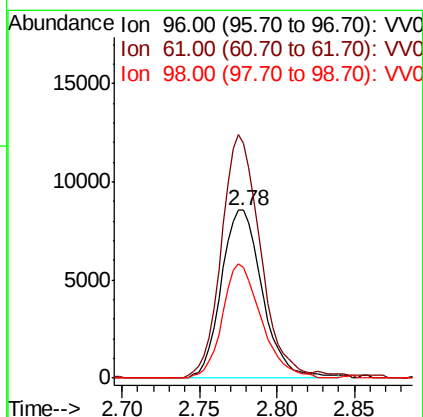
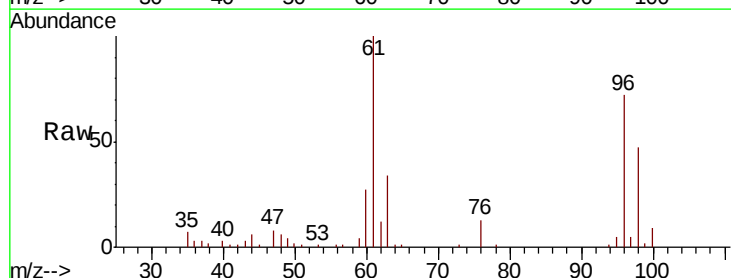
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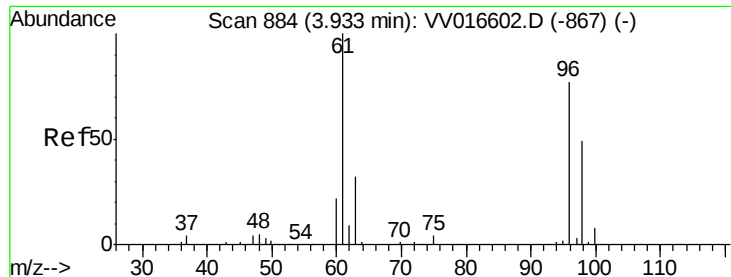
Tot Ion: 43 Resp: 555207
Ion Ratio Lower Upper
43 100
74 22.2 18.1 27.1



#17
trans-1,2-Dichloroethene
Concen: 6.043 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV016605.D
Acq: 06 Jun 2020 22:36

Tgt Ion: 96 Resp: 15747
Ion Ratio Lower Upper
96 100
61 139.7 101.0 187.6
98 65.7 44.7 83.1

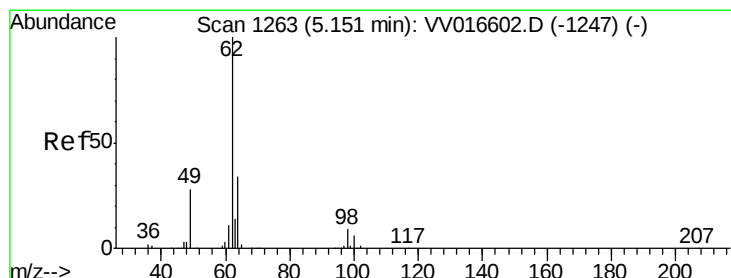
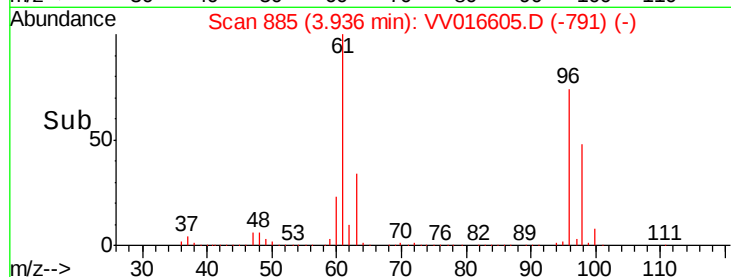
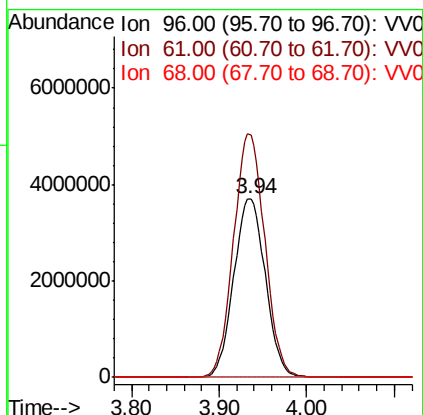
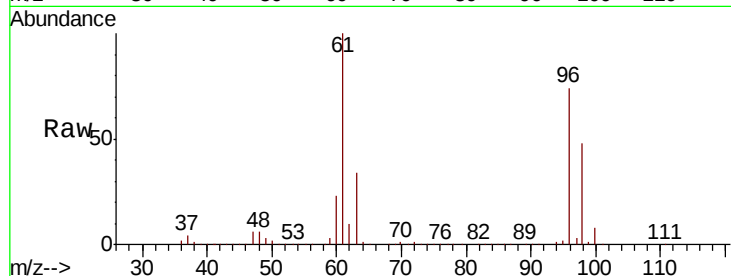




#20
 cis-1,2-Dichloroethene
 Concen: 3306.021 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016605.D
 Acq: 06 Jun 2020 22:36

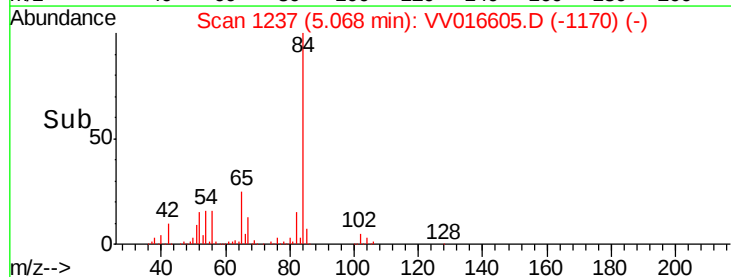
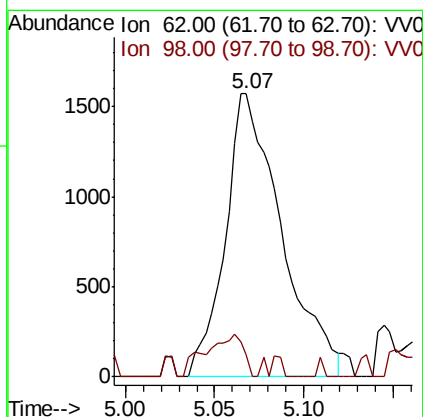
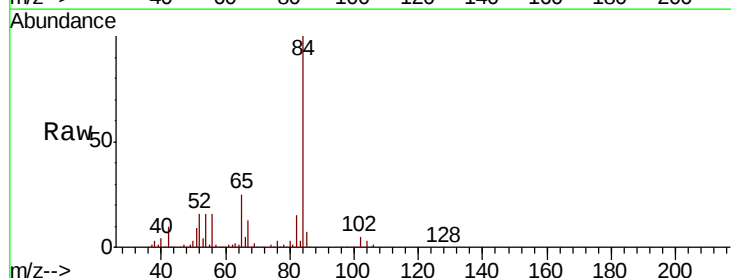
Instrument :
 MSVOA_V
 ClientSampleId :
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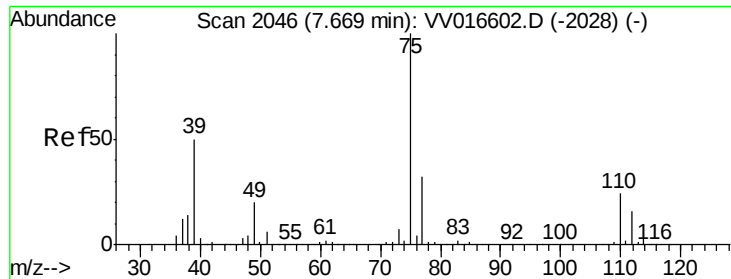
Tot Ion: 96 Resp: 9297081
 Ion Ratio Lower Upper
 96 100
 61 135.4 93.4 173.4
 68 0.0 0.0 0.0#



#27
 1,2-Dichloroethane
 Concen: 0.843 ug/L
 RT: 5.07 min Scan# 1237
 Delta R.T. -0.08 min
 Lab File: VV016605.D
 Acq: 06 Jun 2020 22:36

Tgt Ion: 62 Resp: 3461
 Ion Ratio Lower Upper
 62 100
 98 8.1 6.9 10.3





#44

trans-1,3-Dichloropropene

Concen: 1.029 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016605.D

Acq: 06 Jun 2020 22:36

Instrument :

MSVOA_V

ClientSampleId :

ETTS1

Tot Ion: 75 Resp: 4128

Ion Ratio Lower Upper

75 100

77 38.1 22.2 41.2

