

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017075.D
 Acq On : 24 Jun 2020 16:41
 Operator : SY/MD
 Sample : L3093-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTN2

Quant Time: Jun 25 01:19:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	179072	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	175187	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41058	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.58	69	34117	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.13	63	65536	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.92	46	126102	46.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.08%
24) Chloroform-d	4.38	84	106592	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	56579	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.08	84	198678	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.10	67	59032	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.34	98	177431	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
45) trans-1,3-Dichloropropene-	7.64	79	23981	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
48) 2-Hexanone-d5	8.11	63	98341	45.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43322	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	71853	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

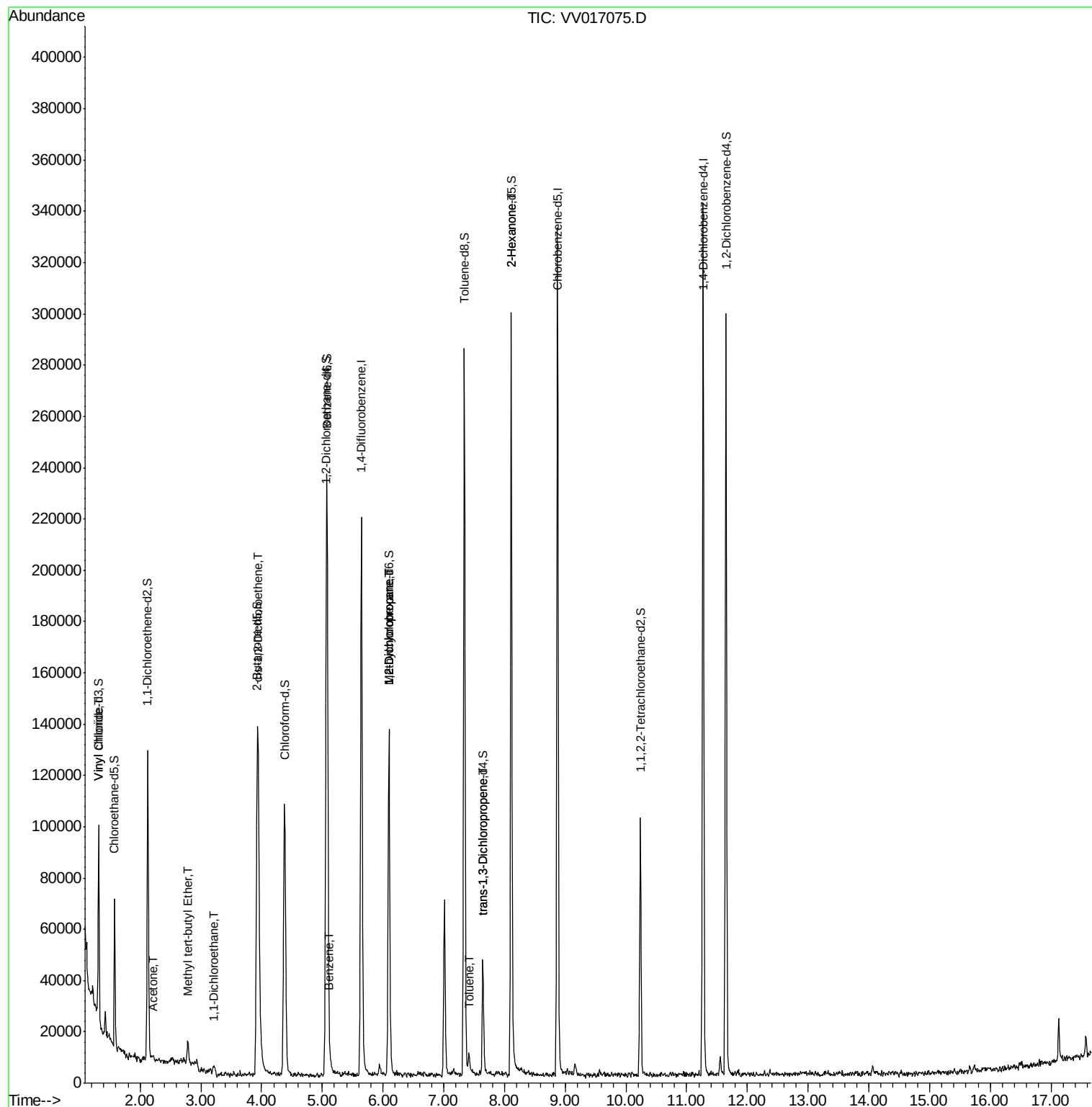
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4409	0.375	ug/L #	62
13) Acetone	2.20	43	3698	2.671	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	5636	0.261	ug/L #	92
19) 1,1-Dichloroethane	3.22	63	3094	0.151	ug/L #	88
22) cis-1,2-Dichloroethene	3.94	96	43378	3.483	ug/L #	100
33) Benzene	5.13	78	2889	0.063	ug/L	100
35) Methylcyclohexane	6.10	83	15809	0.757	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7233	0.637	ug/L #	89
42) Toluene	7.42	91	5254	0.099	ug/L	94
46) trans-1,3-Dichloropropene	7.64	75	1444	0.099	ug/L	96
50) 2-Hexanone	8.11	43	12851	2.754	ug/L #	67

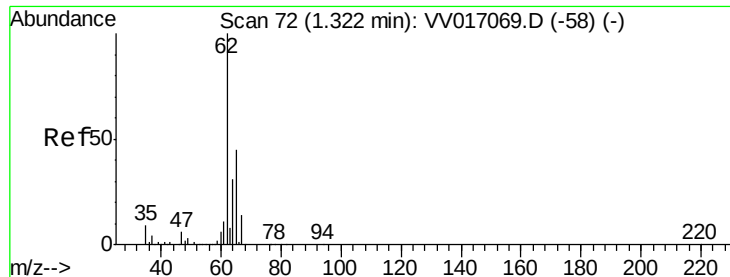
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.375 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV017075.D

Acq: 24 Jun 2020 16:41

Instrument :

MSVOA_V

ClientSampleId :

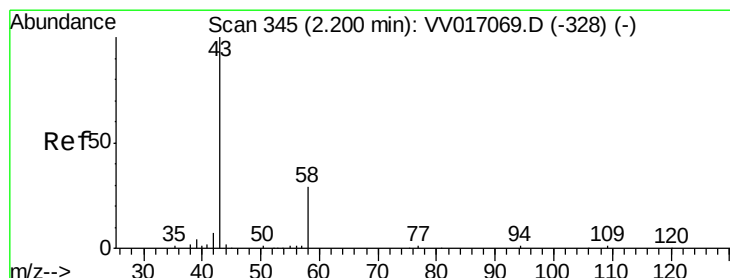
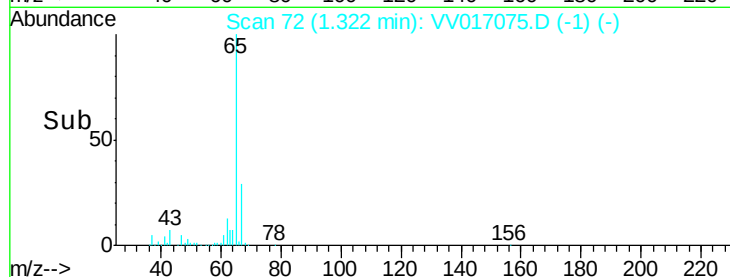
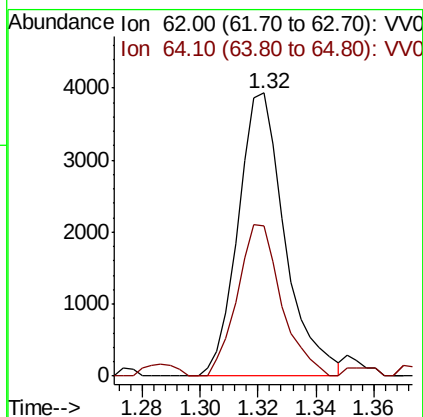
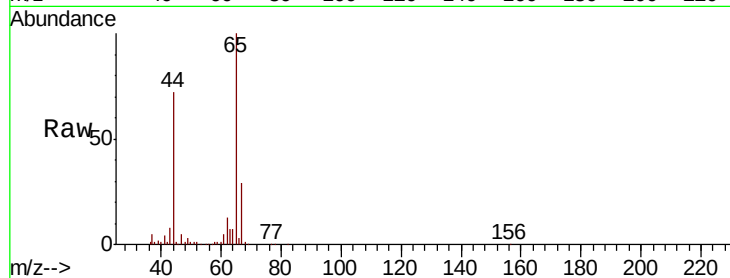
ETTN2

Tot Ion: 62 Resp: 4409

Ion Ratio Lower Upper

62 100

64 53.2 22.5 41.7#



#13

Acetone

Concen: 2.671 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV017075.D

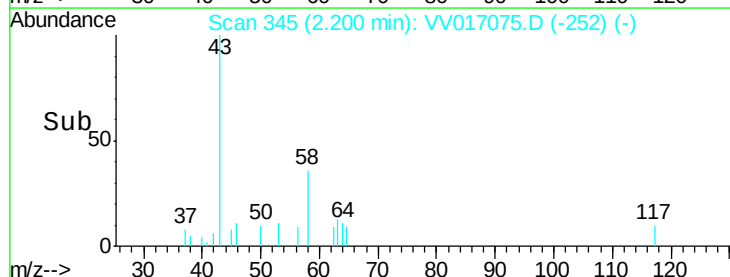
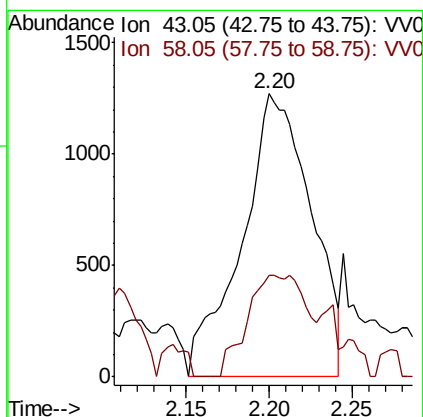
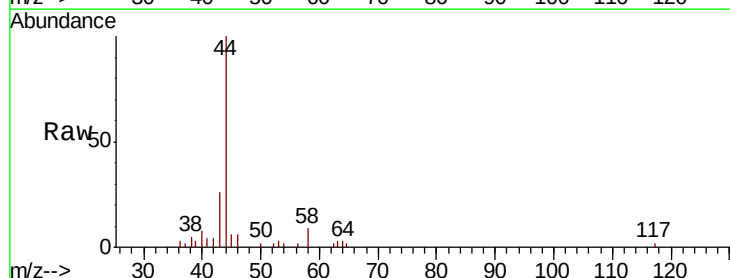
Acq: 24 Jun 2020 16:41

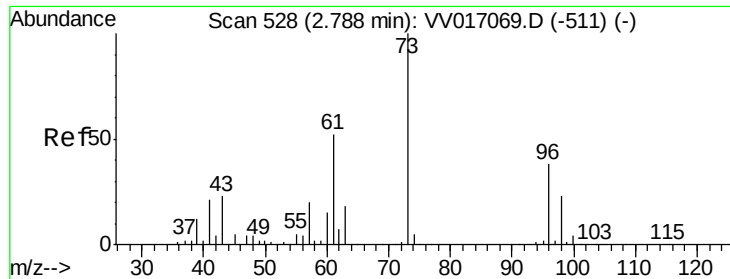
Tgt Ion: 43 Resp: 3698

Ion Ratio Lower Upper

43 100

58 30.6 0.0 58.4

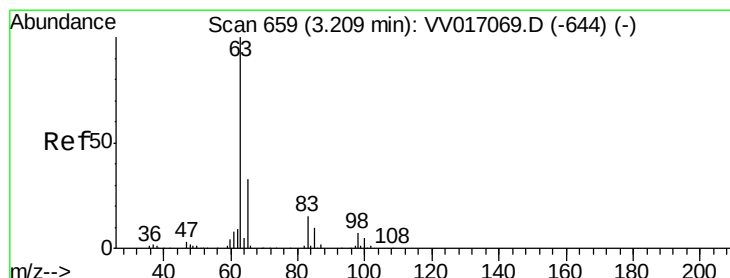
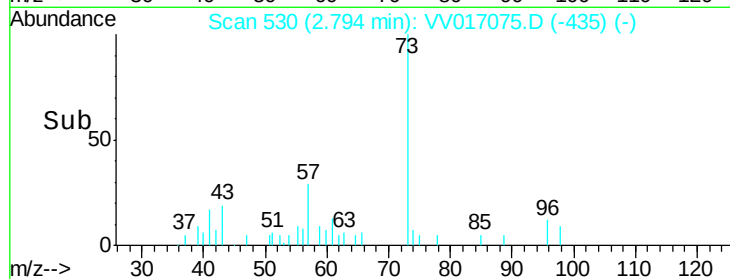
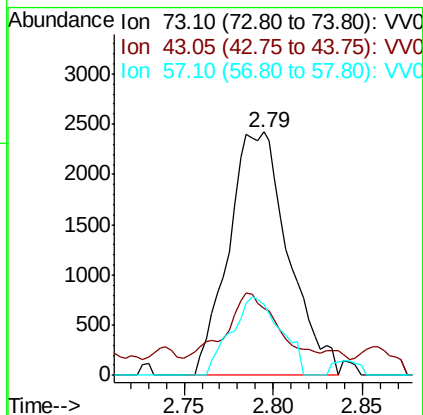
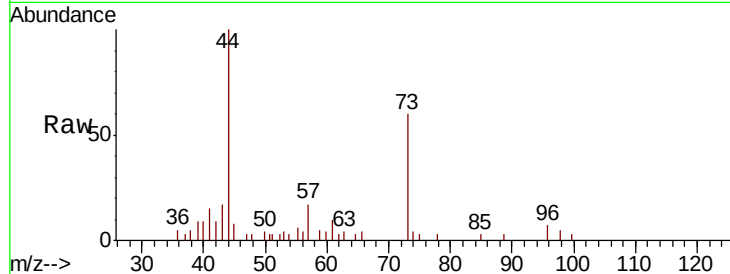




#17
Methyl tert-butyl Ether
Concen: 0.261 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV017075.D
Acq: 24 Jun 2020 16:41

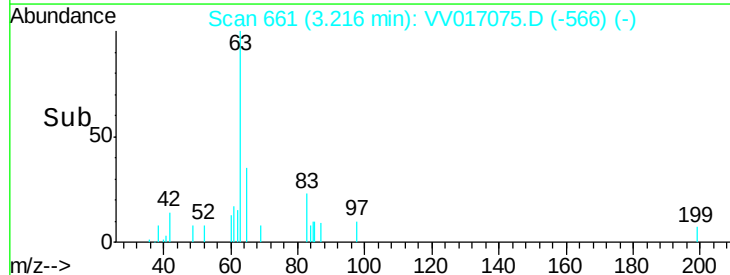
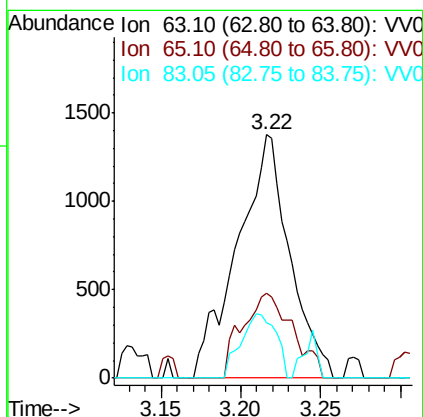
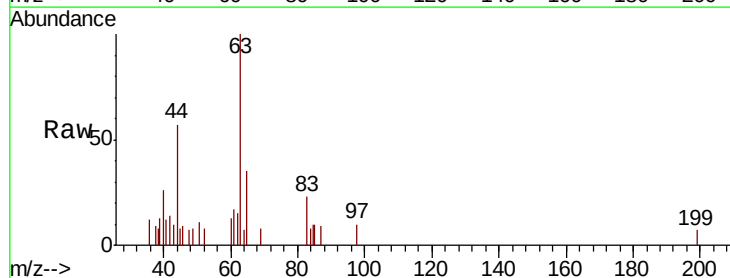
Instrument :
MSVOA_V
ClientSampled :
ETTN2

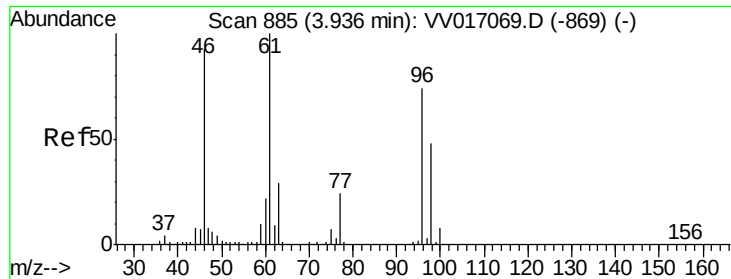
Tot Ion: 73 Resp: 5636
Ion Ratio Lower Upper
73 100
43 21.3 18.6 28.0
57 26.7 16.4 24.6#



#19
1,1-Dichloroethane
Concen: 0.151 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV017075.D
Acq: 24 Jun 2020 16:41

Tgt Ion: 63 Resp: 3094
Ion Ratio Lower Upper
63 100
65 34.9 21.8 40.4
83 22.7 9.7 17.9#



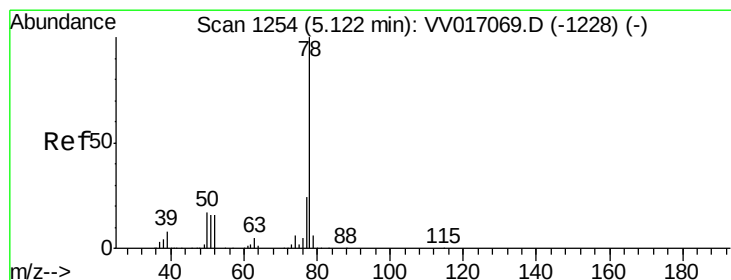
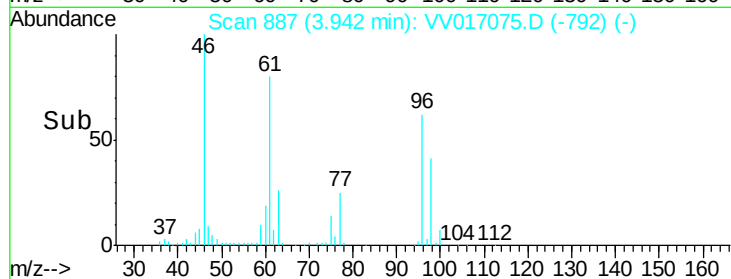
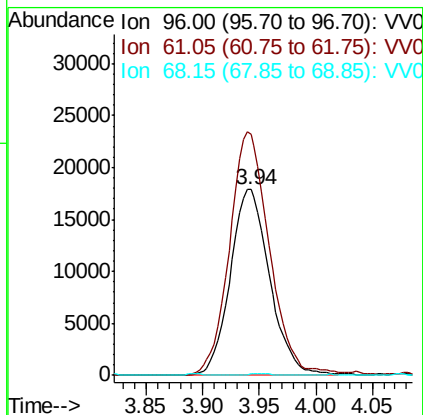
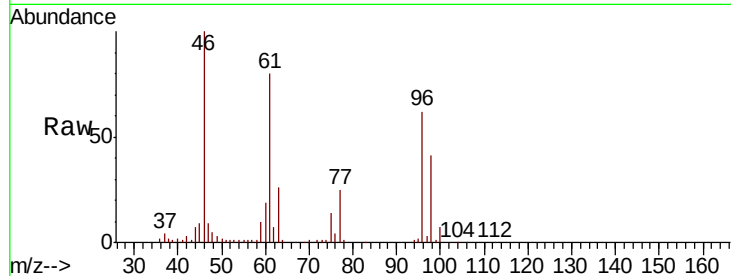


#22

cis-1,2-Dichloroethene
 Concen: 3.483 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017075.D
 Acq: 24 Jun 2020 16:41

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTN2

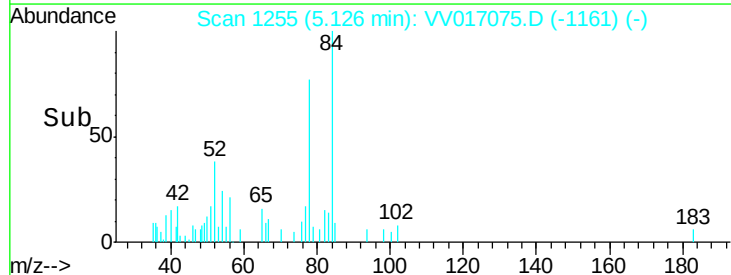
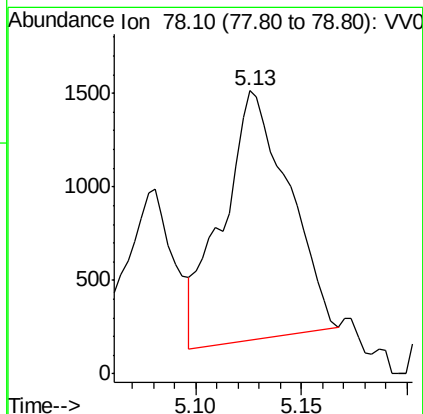
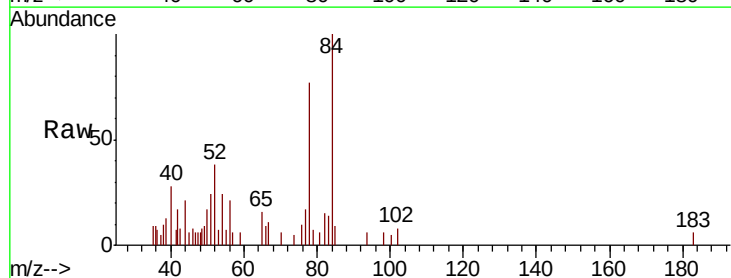
Tot Ion: 96 Resp: 43378
 Ion Ratio Lower Upper
 96 100
 61 129.7 91.0 169.0
 68 0.7 0.0 0.0#

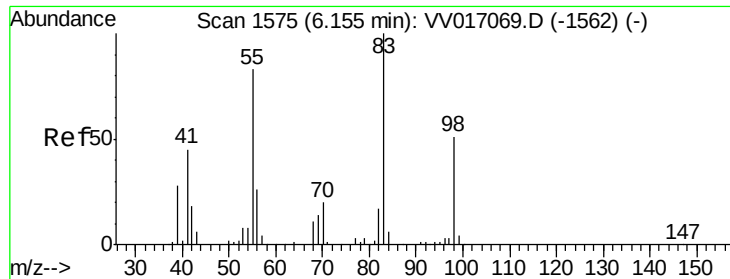


#33

Benzene
 Concen: 0.063 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VV017075.D
 Acq: 24 Jun 2020 16:41

Tgt Ion: 78 Resp: 2889

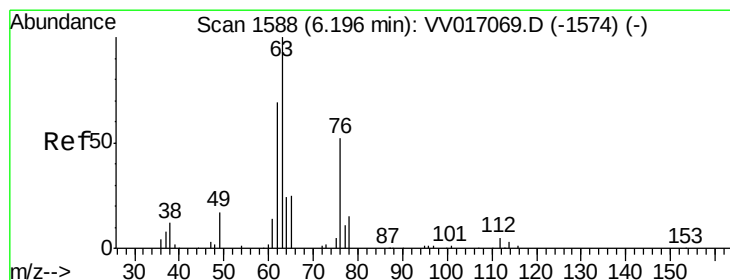
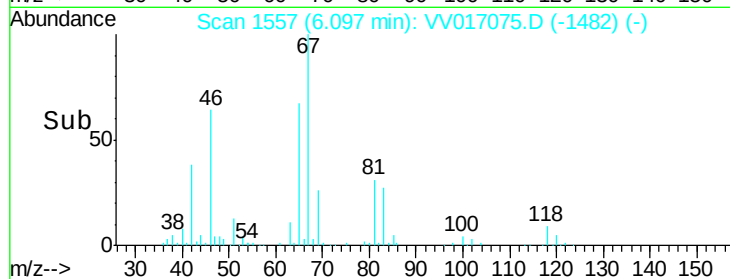
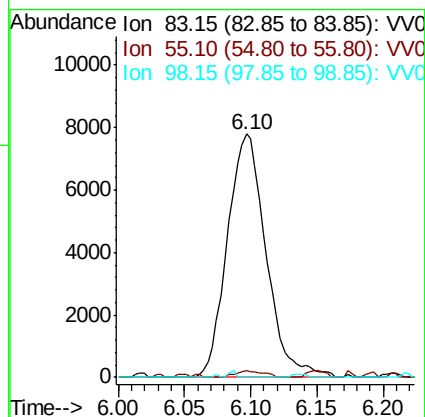
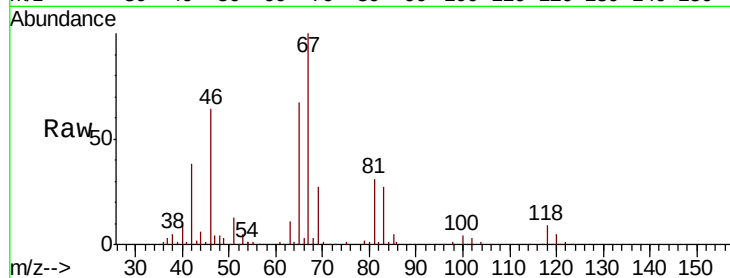




#35
Methvlcvclohexane
Concen: 0.757 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017075.D
Acq: 24 Jun 2020 16:41

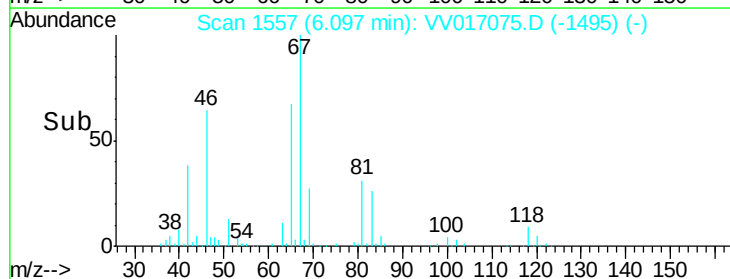
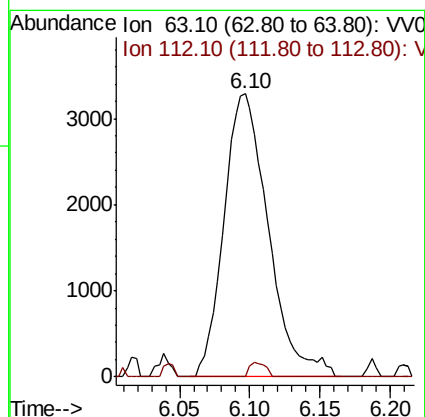
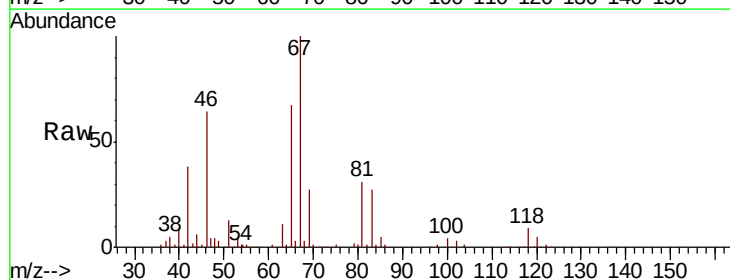
Instrument :
MSVOA_V
ClientSampleId :
ETTN2

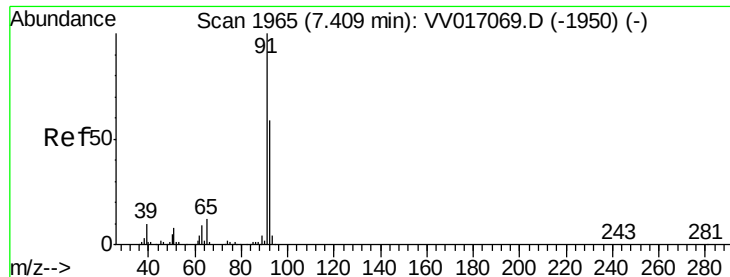
Tot Ion	83	Resp	15809
Ion Ratio	100		
Lower	63.6		
Upper	95.4#		
55	1.9		
98	0.4		
	38.8		
	58.2#		



#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017075.D
Acq: 24 Jun 2020 16:41

Tgt Ion	63	Resp	7233
Ion Ratio	100		
Lower	4.4		
Upper	6.6#		
112	1.9		





#42

Toluene

Concen: 0.099 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV017075.D

Acq: 24 Jun 2020 16:41

Instrument :

MSVOA_V

ClientSampleId :

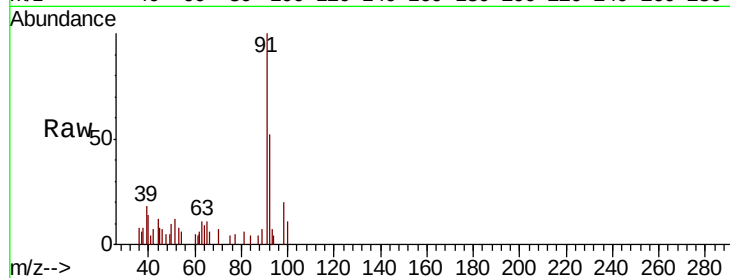
ETTN2

Tot Ion: 91 Resp: 5254

Ion Ratio Lower Upper

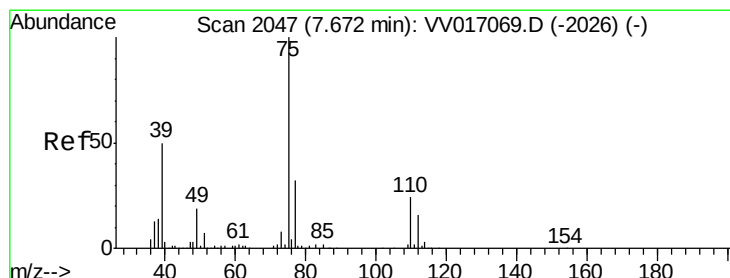
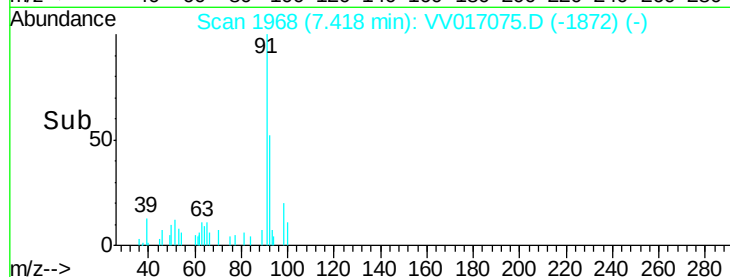
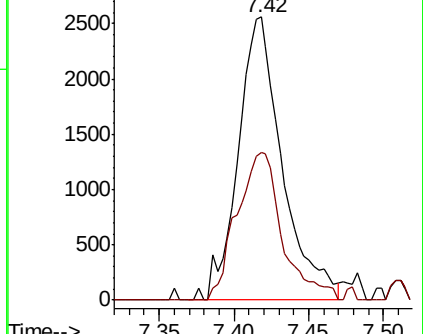
91 100

92 52.4 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#46

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017075.D

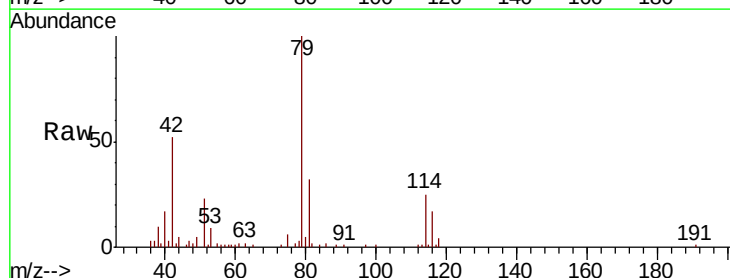
Acq: 24 Jun 2020 16:41

Tgt Ion: 75 Resp: 1444

Ion Ratio Lower Upper

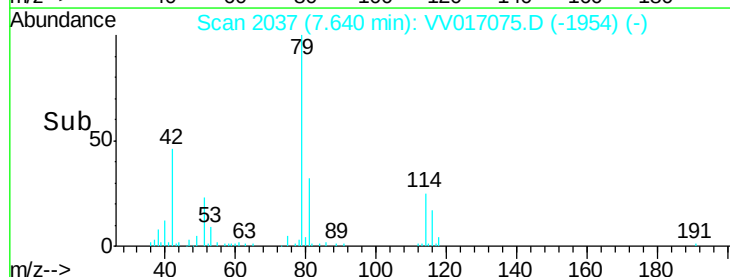
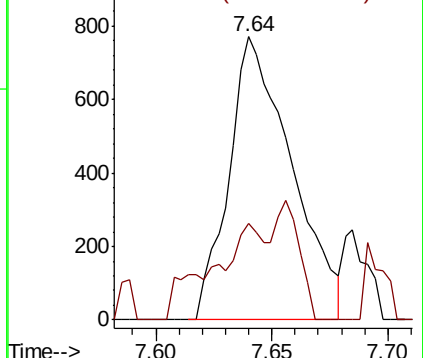
75 100

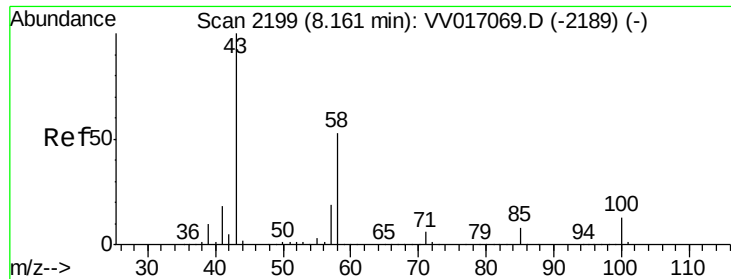
77 34.0 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#50

2-Hexanone

Concen: 2.754 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017075.D

Acq: 24 Jun 2020 16:41

Instrument :
MSVOA_V
ClientSampleId :
ETTN2

Tot Ion: 43 Resp: 12851

Ion Ratio Lower Upper

43 100

58 25.3 41.6 62.4#

57 29.3 15.4 23.0#

100 1.5 10.1 15.1#

