

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017345.D
 Acq On : 06 Jul 2020 12:29
 Operator : SY/MD
 Sample : L3154-15MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4288MS

Manual Integrations
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 7/8/2020 12:26:29 PM

Quant Time: Jul 07 02:07:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	173733	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164390	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38978	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.58	69	33705	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	85063	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.95	46	114416	43.05	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.10%
24) Chloroform-d	4.38	84	100079	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.06	65	56385	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.08	84	178358	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.09	67	51964	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.34	98	152709	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
45) trans-1,3-Dichloropropene-	7.64	79	19652	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
48) 2-Hexanone-d5	8.11	63	80181	39.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.14%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39595	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	67529	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	309164	27.119	ug/L	100
12) 1,1-Dichloroethene	2.14	96	42972	5.154	ug/L	84
18) trans-1,2-Dichloroethene	2.78	96	25884	2.930	ug/L	94
19) 1,1-Dichloroethane	3.21	63	125893	6.341	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	84932	7.029	ug/L	98
30) Cyclohexane	4.71	56	2590m	0.138	ug/L	
33) Benzene	5.13	78	224914	5.224	ug/L	100
34) Trichloroethene	5.94	95	59055	4.685	ug/L	97
35) Methylcyclohexane	6.15	83	2012m	0.103	ug/L	
42) Toluene	7.41	91	222576	4.447	ug/L	99
53) Chlorobenzene	8.90	112	150087	4.810	ug/L	97

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

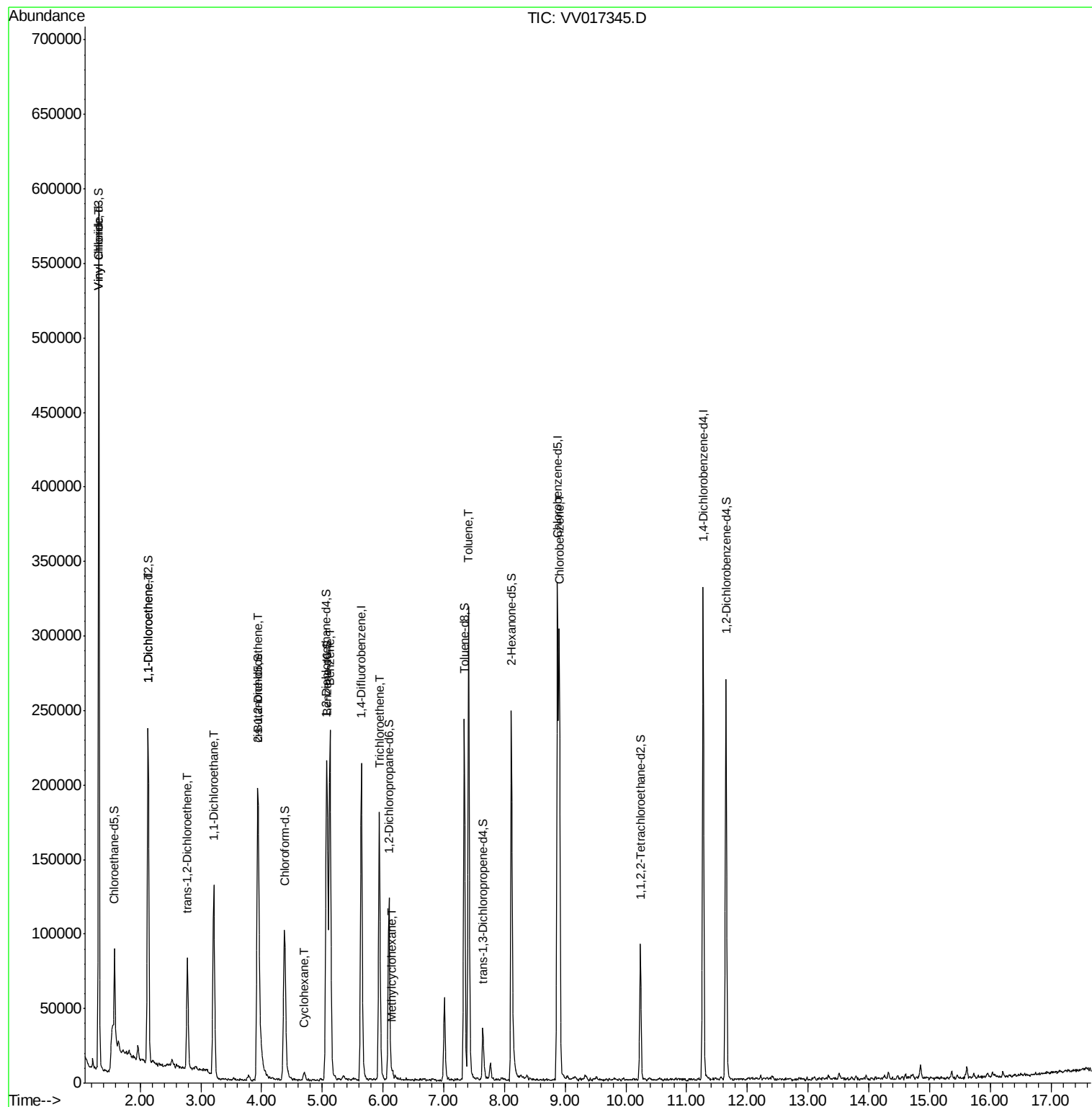
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070620\
Data File : VV017345.D
Acq On : 06 Jul 2020 12:29
Operator : SY/MD
Sample : L3154-15MS
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

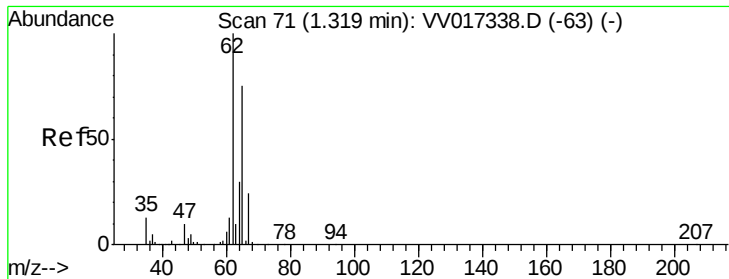
Instrument :
MSVOA_V
ClientSampleId :
H4288MS

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Quant Time: Jul 07 02:07:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 27.119 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017345.D

Acq: 06 Jul 2020 12:29

Instrument :

MSVOA_V

ClientSampleId :

H4288MS

Tot Ion: 62 Resp: 309164

Ion Ratio Lower Upper

62 100

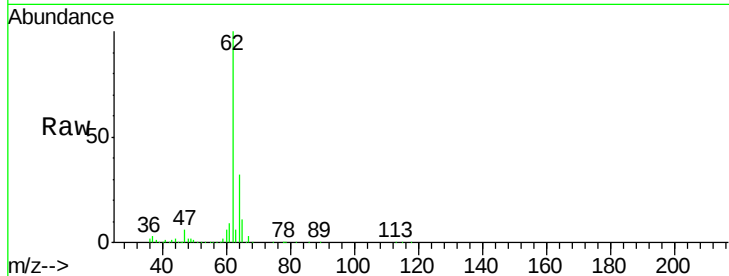
64 32.4 22.5 41.7

Manual Integrations

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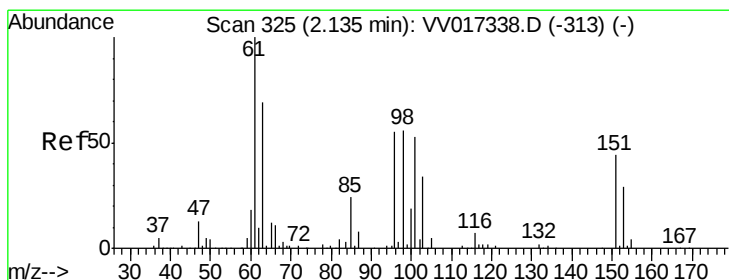
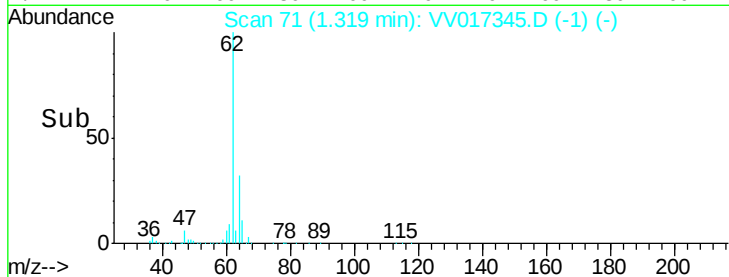
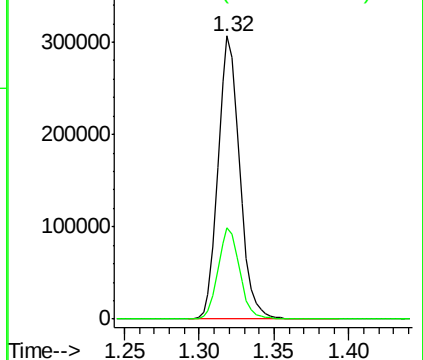
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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 5.154 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017345.D

Acq: 06 Jul 2020 12:29

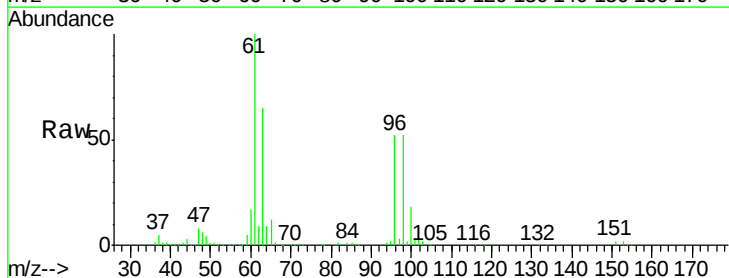
Tgt Ion: 96 Resp: 42972

Ion Ratio Lower Upper

96 100

61 190.7 125.0 232.2

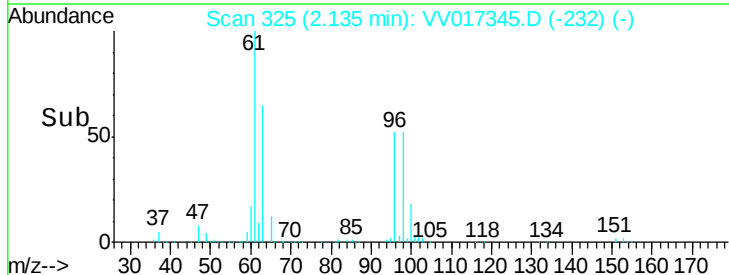
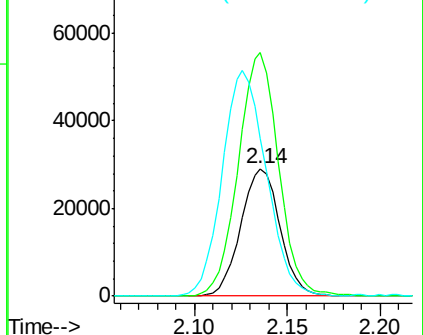
63 123.8 109.8 203.8

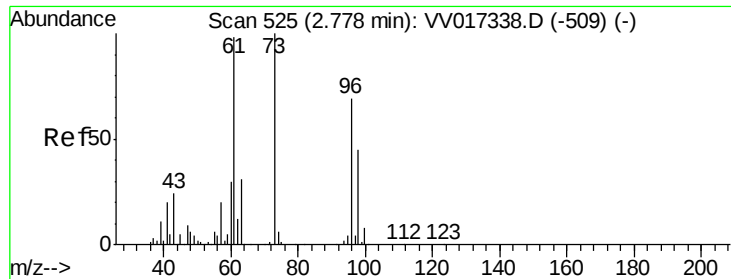


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





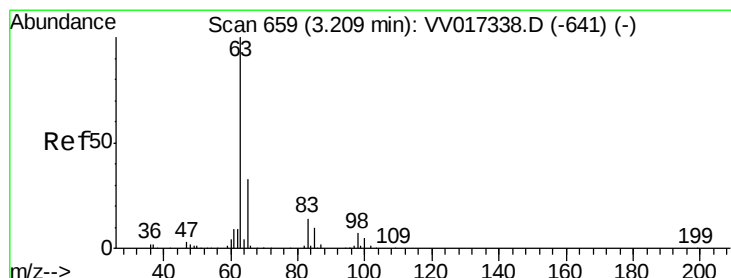
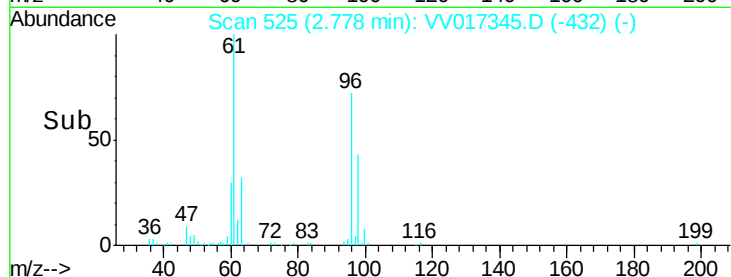
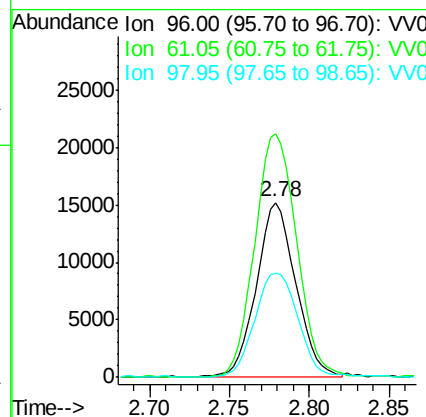
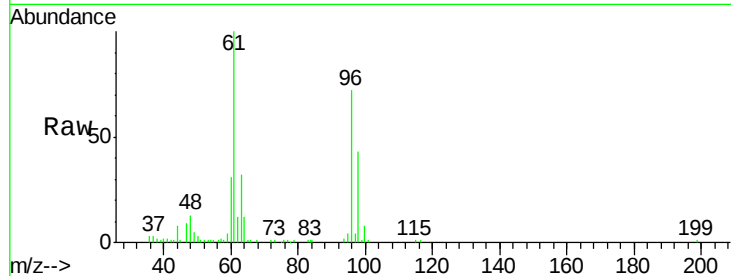
#18
trans-1,2-Dichloroethene
Concen: 2.930 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017345.D
Acq: 06 Jul 2020 12:29

Instrument :
MSVOA_V
ClientSampled :
H4288MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		25884		
61	139.1	102.3	189.9		
98	59.5	44.7	82.9		

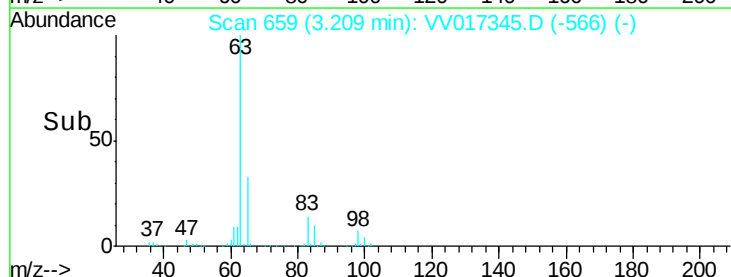
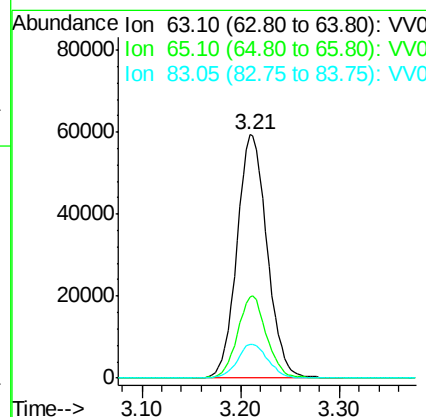
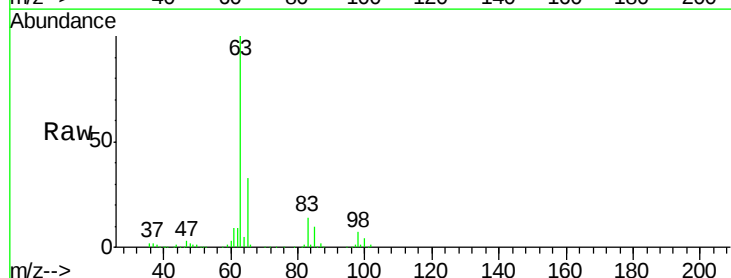
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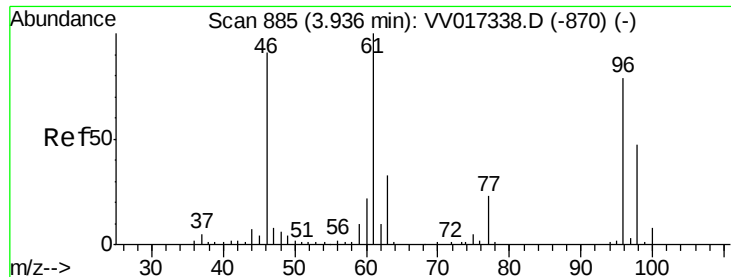
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#19
1,1-Dichloroethane
Concen: 6.341 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV017345.D
Acq: 06 Jul 2020 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
63	100		125893		
65	33.1	21.8	40.4		
83	14.1	9.7	17.9		





#22

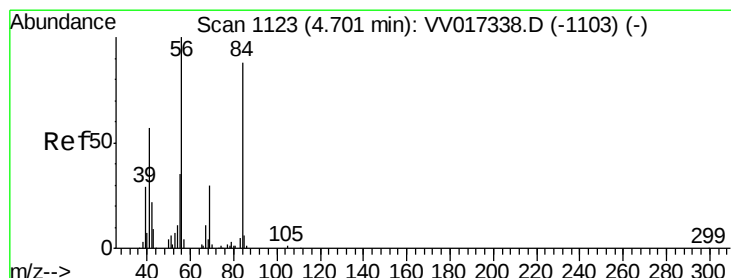
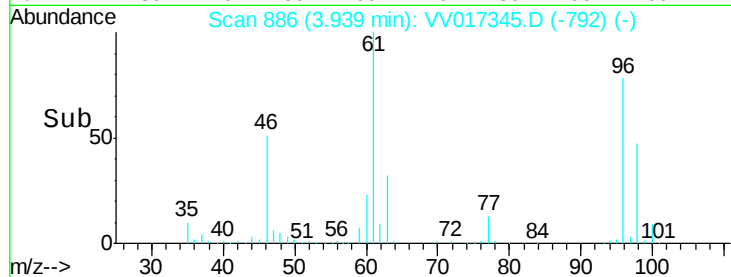
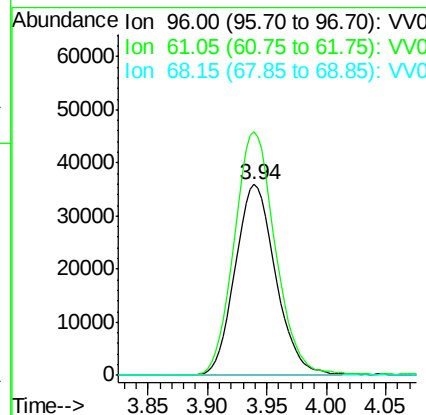
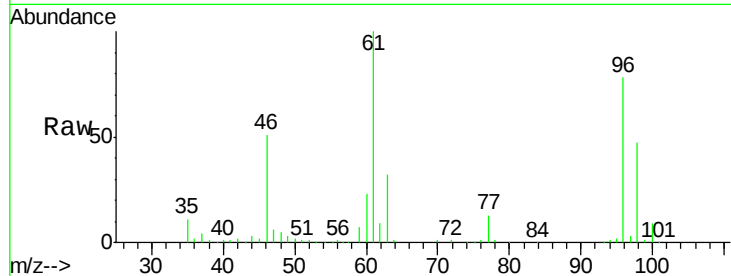
cis-1,2-Dichloroethene
 Concen: 7.029 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017345.D
 Acq: 06 Jul 2020 12:29

Instrument :
 MSVOA_V
 ClientSampleId :
 H4288MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.8	91.0	169.0
68	0.0	0.0	0.0

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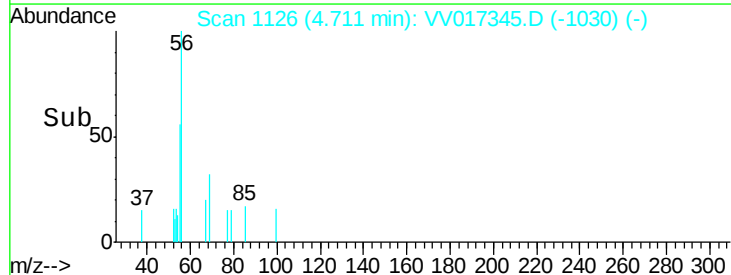
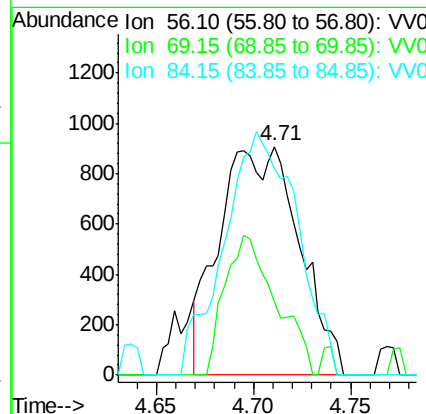
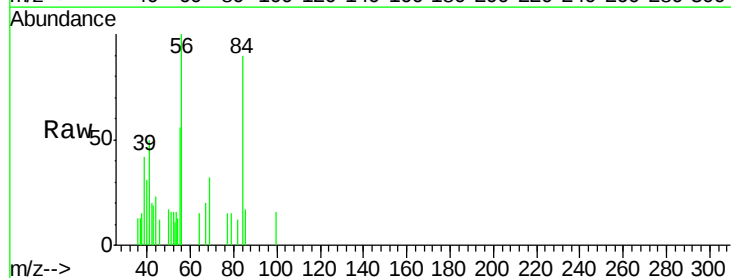
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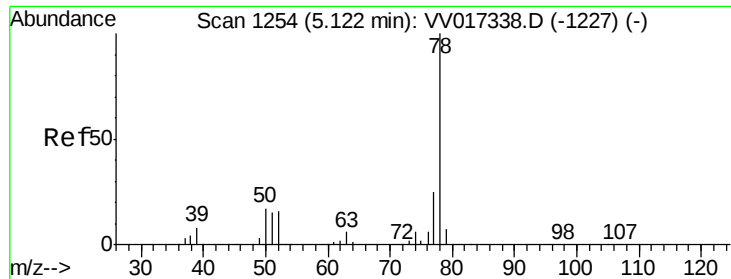


#30

Cyclohexane
 Concen: 0.138 ug/L m
 RT: 4.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: VV017345.D
 Acq: 06 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
56	100		
69	39.2	24.4	36.6#
84	97.6	69.9	104.9





#33

Benzene

Concen: 5.224 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV017345.D

Acq: 06 Jul 2020 12:29

Instrument :

MSVOA_V

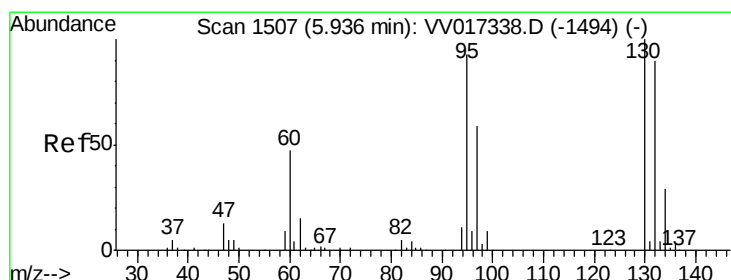
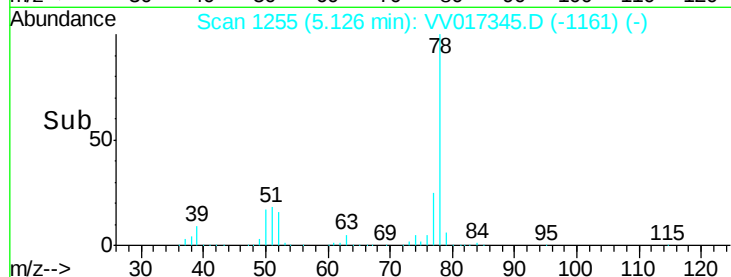
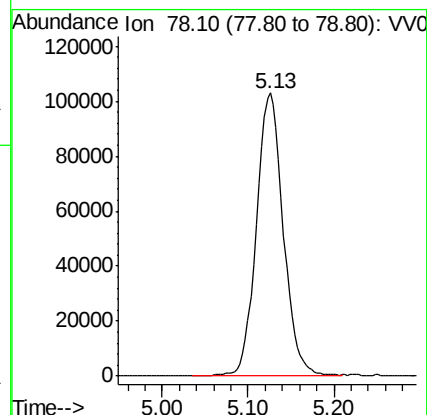
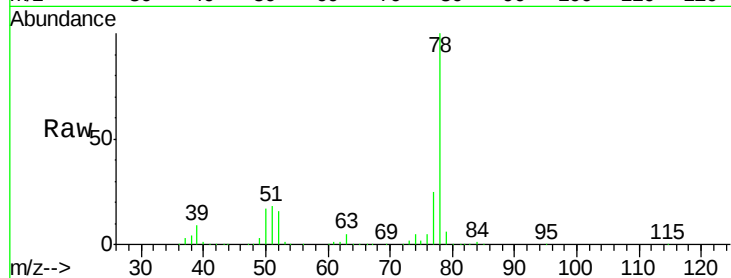
ClientSampleId :

H4288MS

Tgt Ion: 78 Resp: 224914

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#34

Trichloroethene

Concen: 4.685 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017345.D

Acq: 06 Jul 2020 12:29

Tgt Ion: 95 Resp: 59055

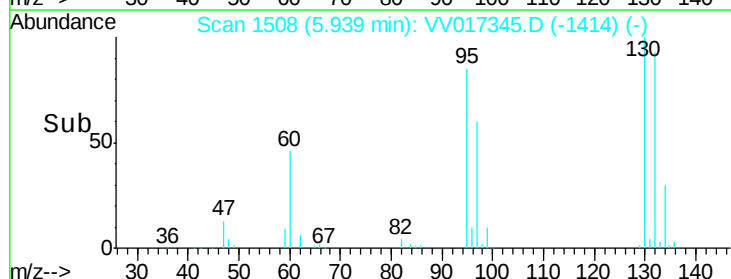
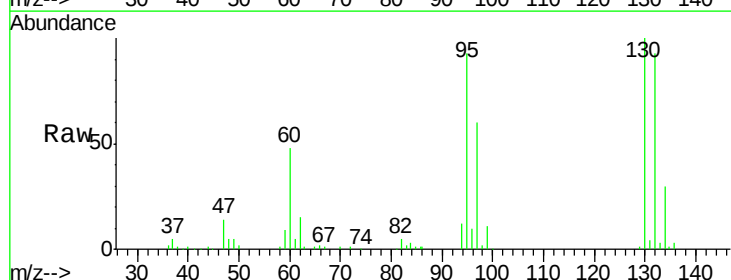
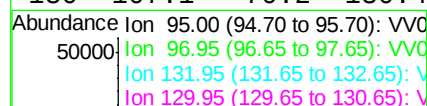
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.3	84.1
132	99.2	68.8	127.8
130	107.1	70.2	130.4

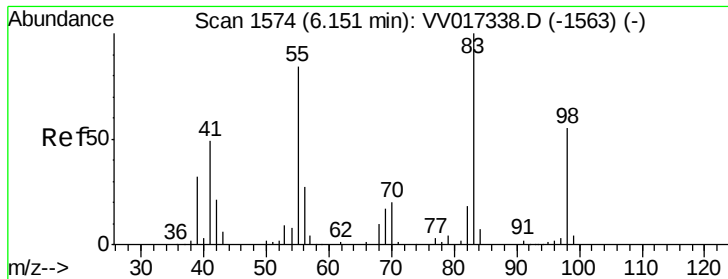
95 100

97 64.4 45.3 84.1

132 99.2 68.8 127.8

130 107.1 70.2 130.4





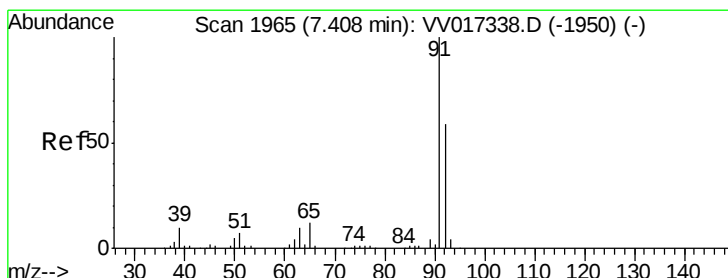
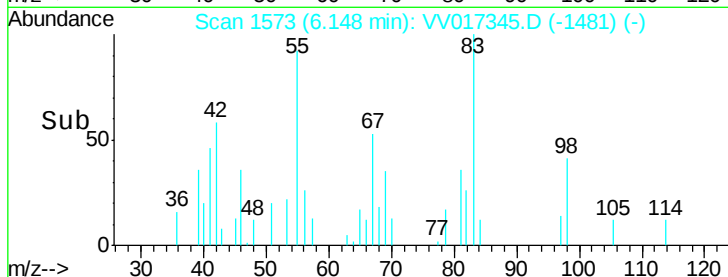
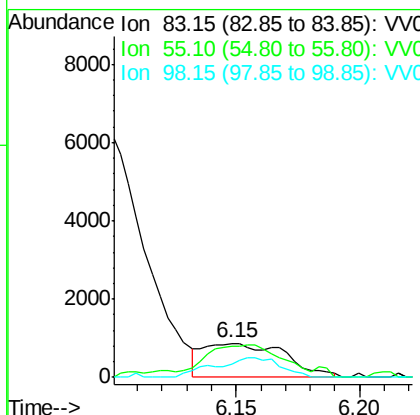
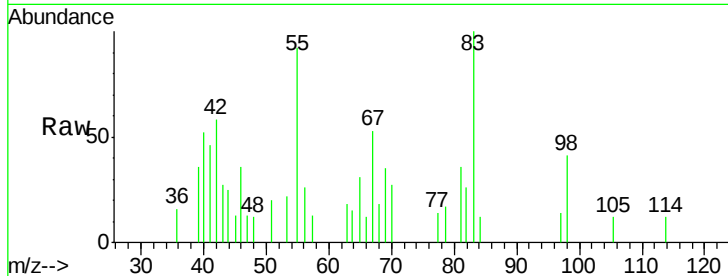
#35
Methvlcvclohexane
Concen: 0.103 ug/L m
RT: 6.15 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VV017345.D
Acq: 06 Jul 2020 12:29

Instrument :
MSVOA_V
ClientSampleId :
H4288MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	4.6	63.6	95.4#
98	5.2	38.8	58.2#

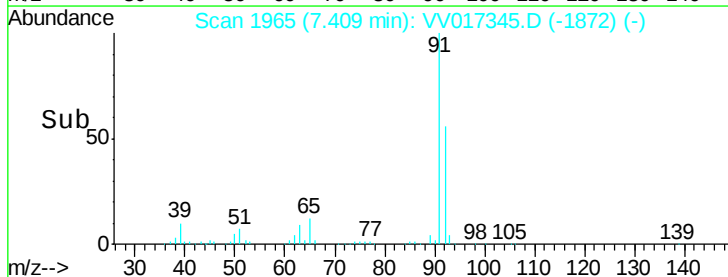
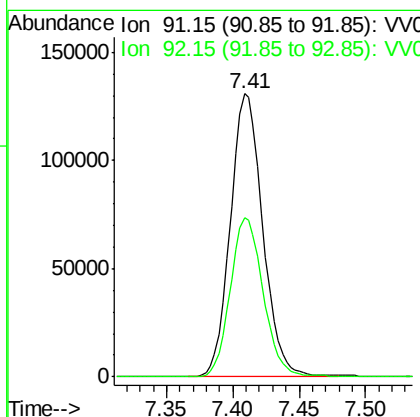
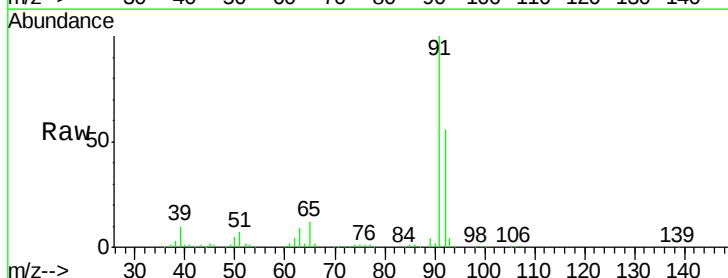
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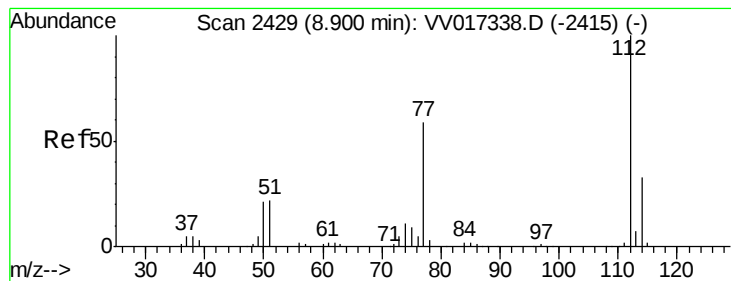
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#42
Toluene
Concen: 4.447 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV017345.D
Acq: 06 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.2	39.9	74.1





#53
 Chlorobenzene
 Concen: 4.810 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV017345.D
 Acq: 06 Jul 2020 12:29

Instrument :
 MSVOA_V
 ClientSampleId :
 H4288MS

Tot Ion:	112	Resp:	150087
Ion Ratio	Lower	Upper	
112	100		
114	32.9	22.0	41.0
77	59.7	46.0	69.0

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