

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017346.D
 Acq On : 06 Jul 2020 12:53
 Operator : SY/MD
 Sample : L3154-16MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4288MSD

Manual Integrations
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 7/8/2020 12:26:24 PM

Quant Time: Jul 07 02:13:06 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	161933	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157406	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75624	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38975	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	34974	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	83267	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	3.96	46	117510	47.44	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.88%
24) Chloroform-d	4.38	84	100618	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.06	65	57411	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.07	84	175083	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.10	67	51925	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.34	98	153715	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
45) trans-1,3-Dichloropropene-	7.65	79	19316	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
48) 2-Hexanone-d5	8.11	63	82003	42.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39440	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	68295	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	343582	32.334	ug/L	100
12) 1,1-Dichloroethene	2.14	96	42718	5.497	ug/L	85
18) trans-1,2-Dichloroethene	2.78	96	27305	3.316	ug/L	96
19) 1,1-Dichloroethane	3.21	63	125298	6.771	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	96360	8.556	ug/L #	97
30) Cyclohexane	4.70	56	3288	0.183	ug/L #	87
33) Benzene	5.13	78	226849	5.503	ug/L	100
34) Trichloroethene	5.94	95	58805	4.872	ug/L	96
35) Methylcyclohexane	6.15	83	2502m	0.133	ug/L	
42) Toluene	7.41	91	222036	4.633	ug/L	99
53) Chlorobenzene	8.90	112	147852	4.949	ug/L	97

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

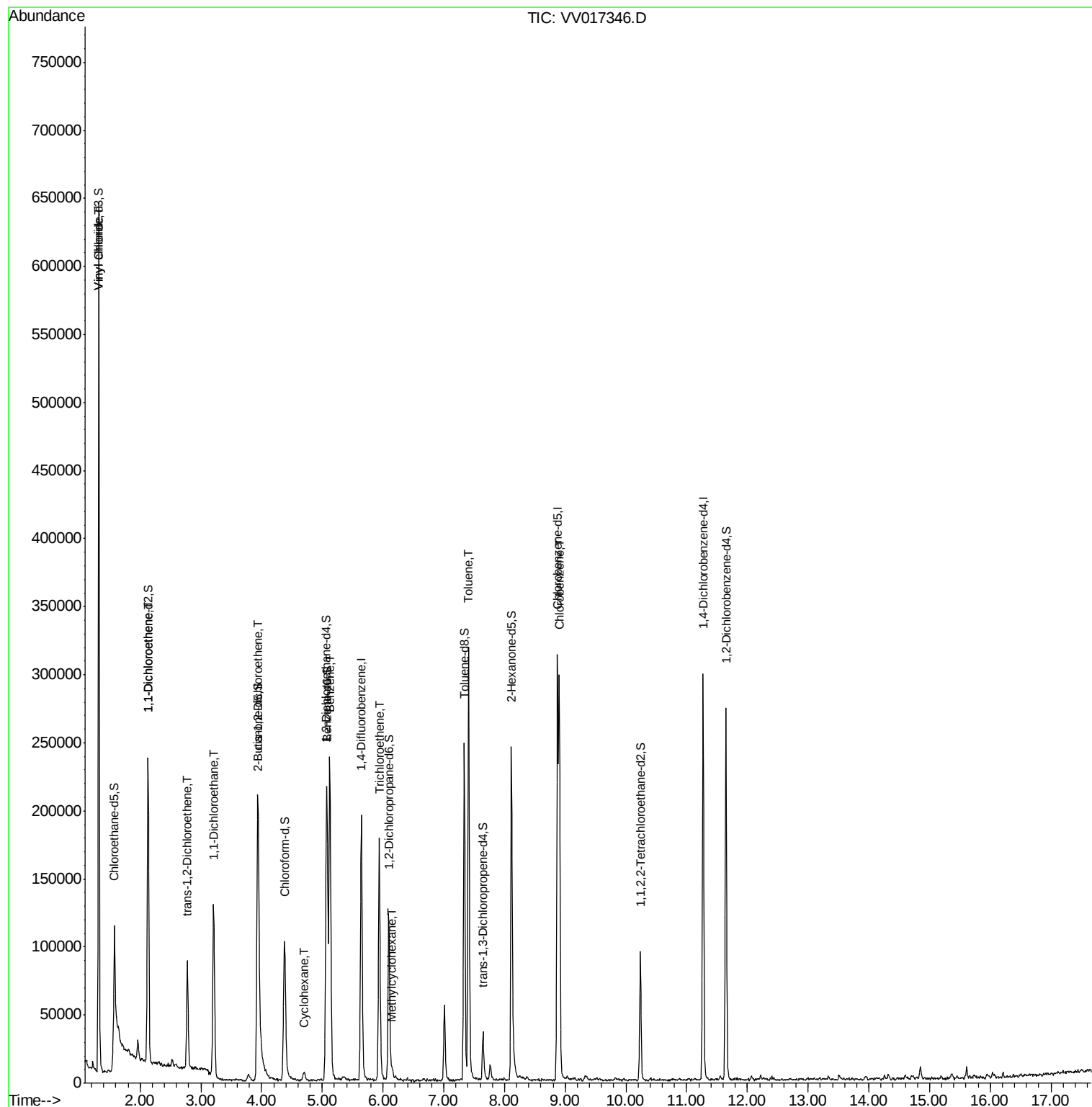
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
Data File : VV017346.D
Acq On : 06 Jul 2020 12:53
Operator : SY/MD
Sample : L3154-16MSD
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

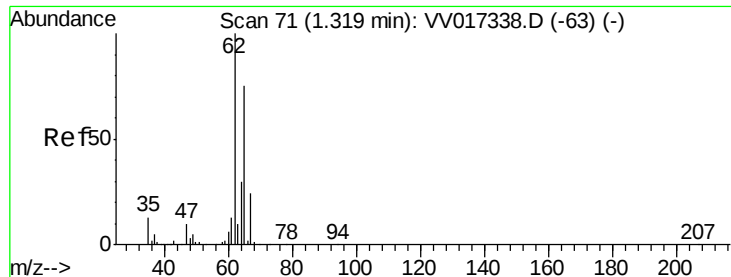
Instrument :
MSVOA_V
ClientSampleId :
H4288MSD

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Quant Time: Jul 07 02:13:06 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





#5

Vinyl chloride

Concen: 32.334 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017346.D

Acq: 06 Jul 2020 12:53

Instrument :

MSVOA_V

ClientSampleId :

H4288MSD

Tot Ion: 62 Resp: 343582

Ion Ratio Lower Upper

62 100

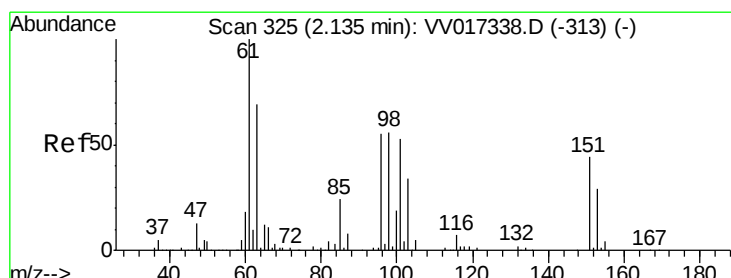
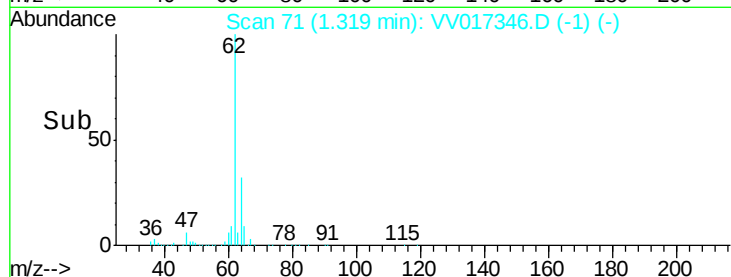
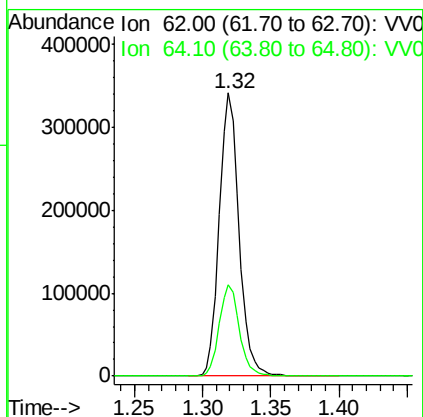
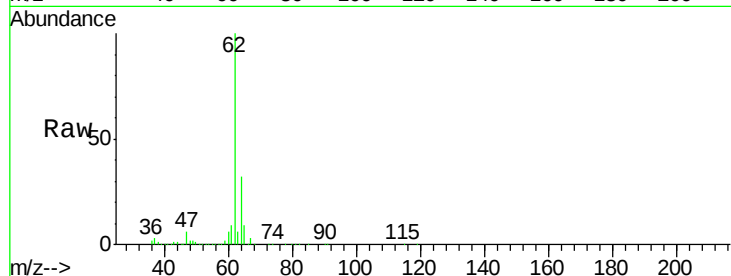
64 32.2 22.5 41.7

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#12

1,1-Dichloroethene

Concen: 5.497 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017346.D

Acq: 06 Jul 2020 12:53

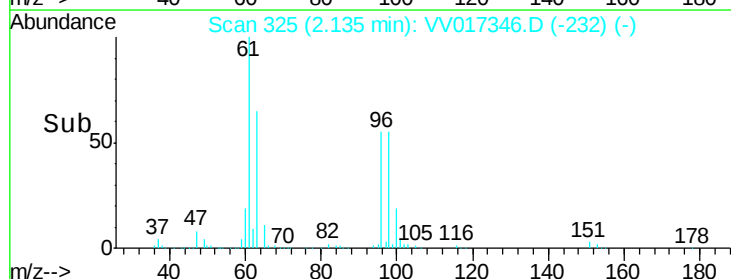
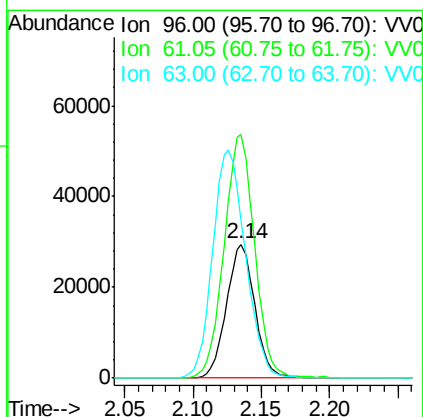
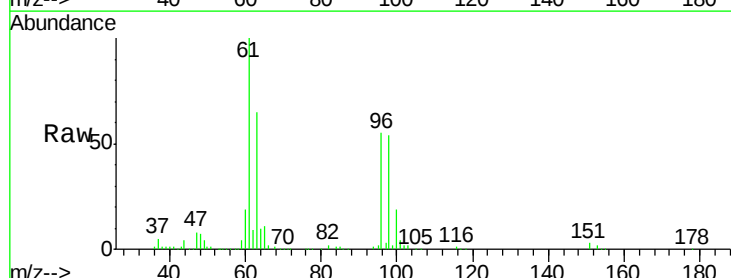
Tgt Ion: 96 Resp: 42718

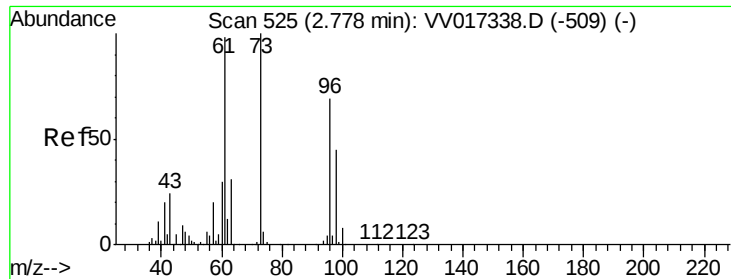
Ion Ratio Lower Upper

96 100

61 182.1 125.0 232.2

63 118.0 109.8 203.8





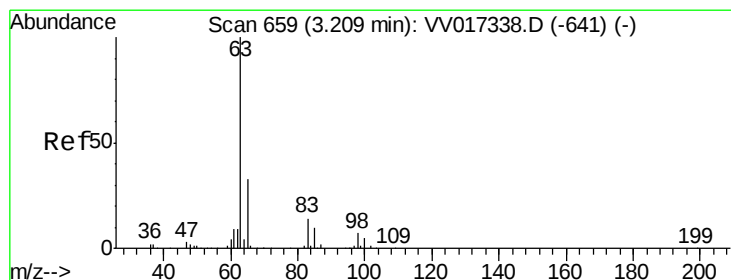
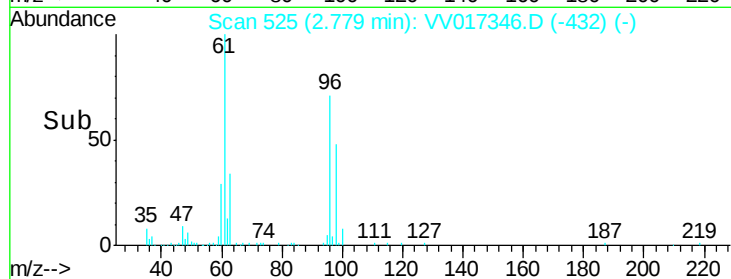
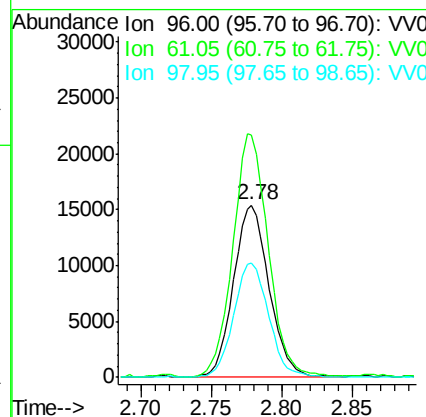
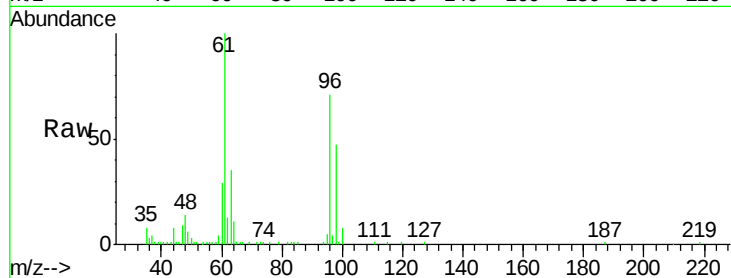
#18
trans-1,2-Dichloroethene
Concen: 3.316 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017346.D
Acq: 06 Jul 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :
H4288MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	102.3	189.9
98	66.7	44.7	82.9

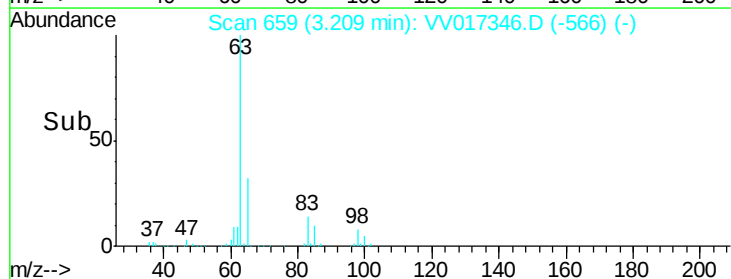
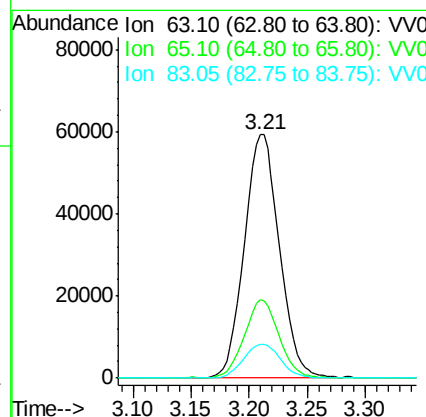
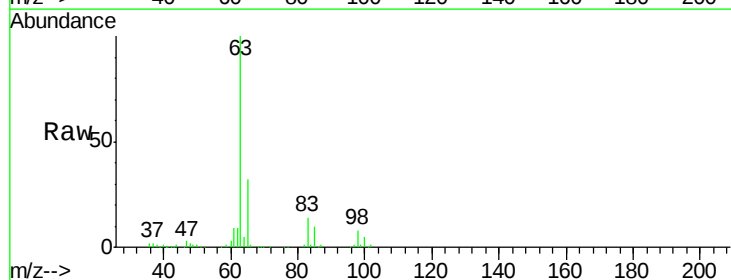
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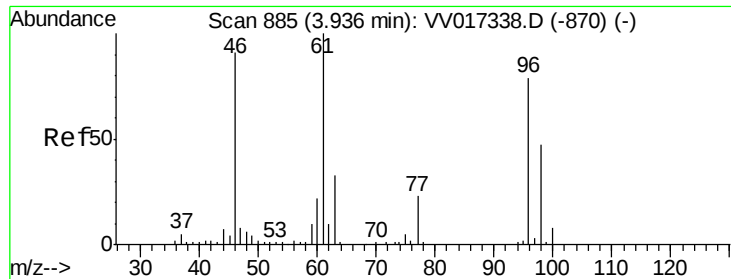
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#19
1,1-Dichloroethane
Concen: 6.771 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV017346.D
Acq: 06 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.8	40.4
83	13.7	9.7	17.9





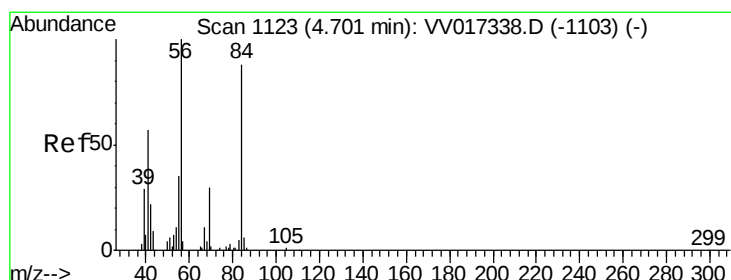
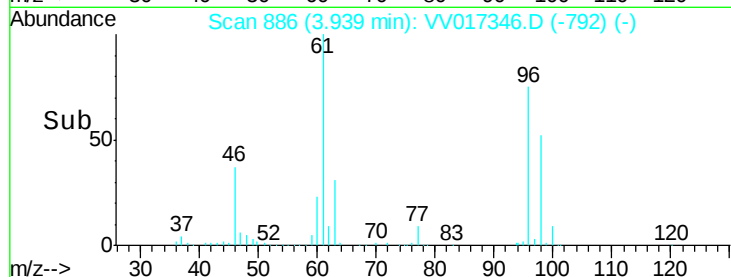
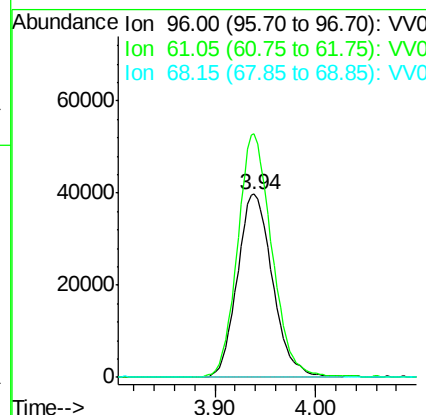
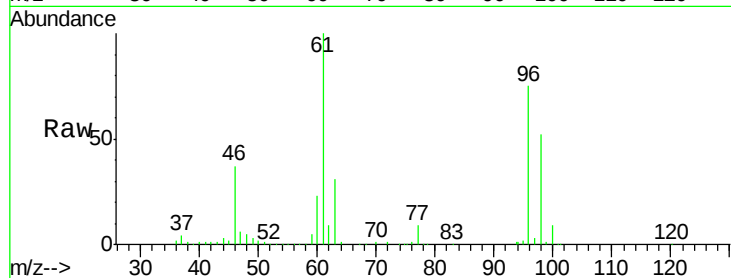
#22
 cis-1,2-Dichloroethene
 Concen: 8.556 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017346.D
 Acq: 06 Jul 2020 12:53

Instrument :
 MSVOA_V
 ClientSampled :
 H4288MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	91.0	169.0
68	0.3	0.0	0.0#

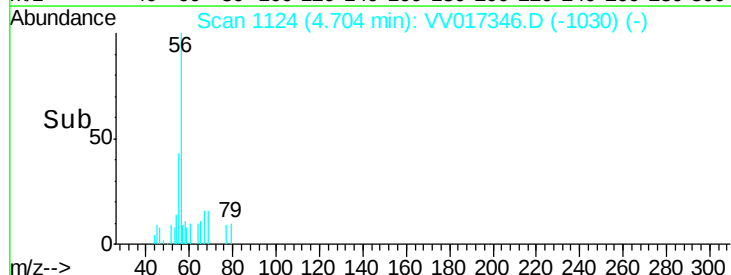
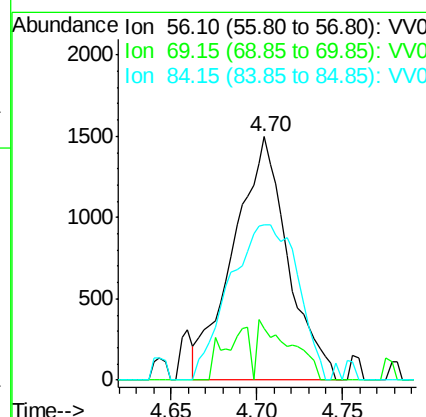
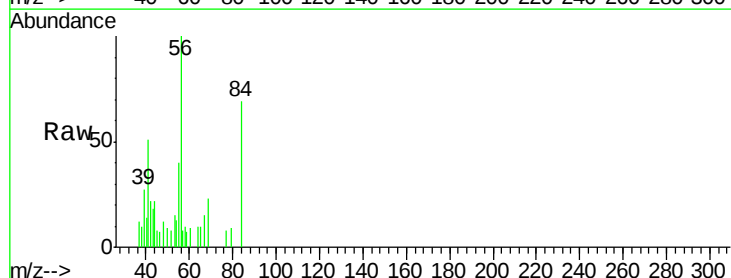
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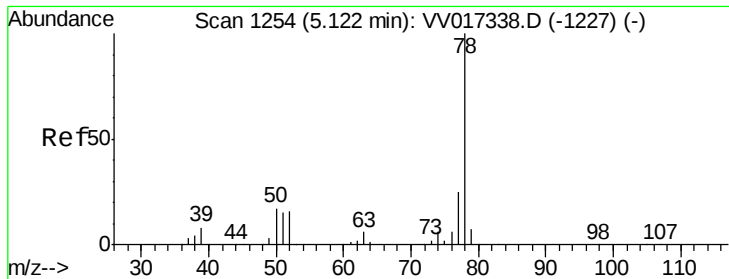
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#30
 Cyclohexane
 Concen: 0.183 ug/L
 RT: 4.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: VV017346.D
 Acq: 06 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
56	100		
69	14.9	24.4	36.6#
84	80.4	69.9	104.9





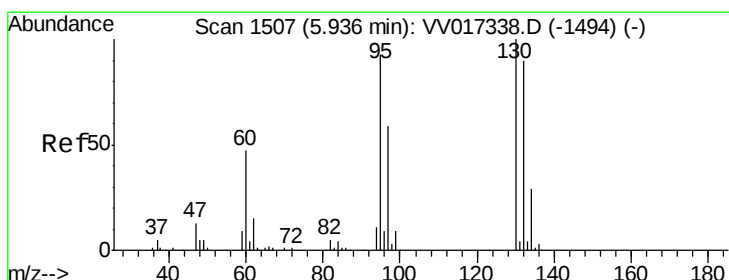
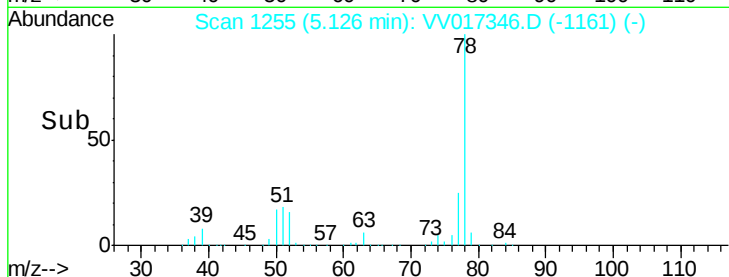
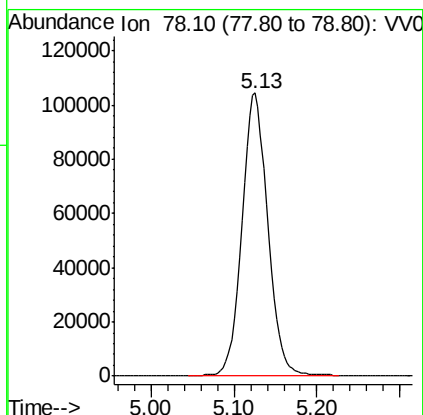
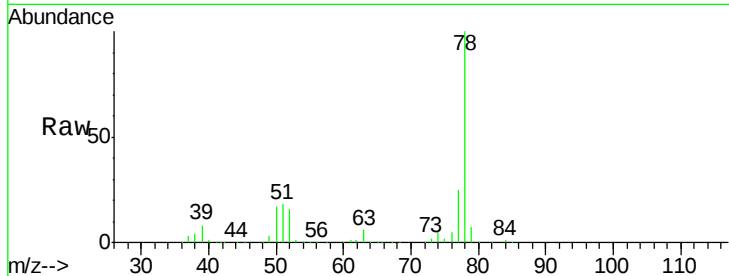
#33
Benzene
Concen: 5.503 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017346.D
Acq: 06 Jul 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :
H4288MSD

Tgt Ion: 78 Resp: 226849

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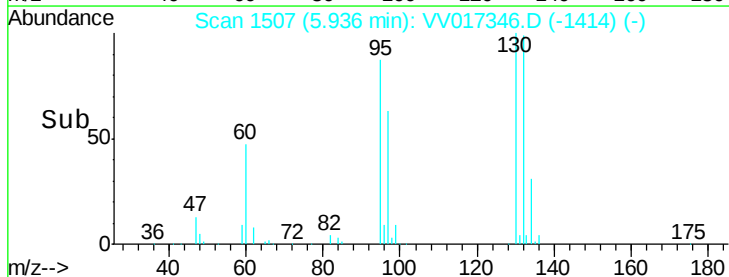
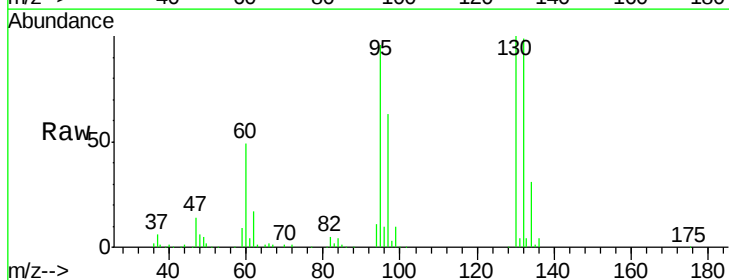
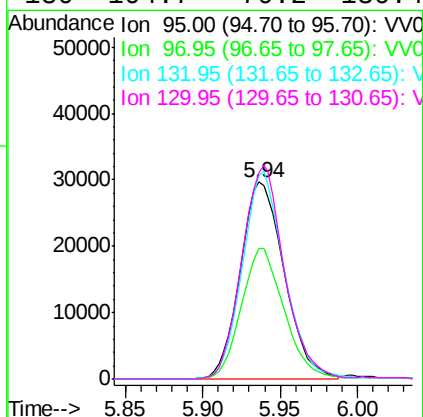
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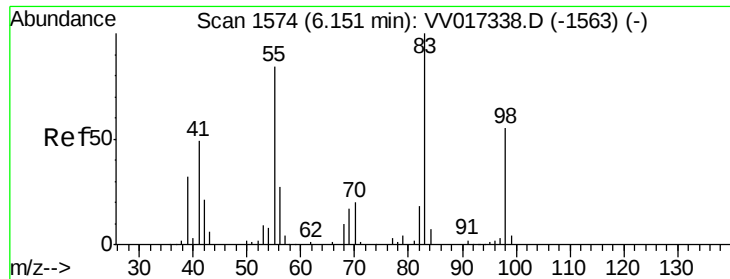


#34
Trichloroethene
Concen: 4.872 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017346.D
Acq: 06 Jul 2020 12:53

Tgt Ion: 95 Resp: 58805

Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.3	84.1
132	103.2	68.8	127.8
130	104.7	70.2	130.4





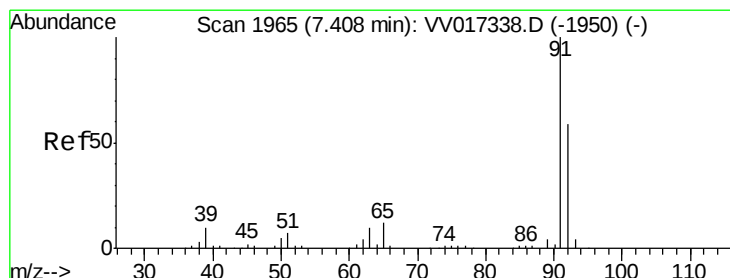
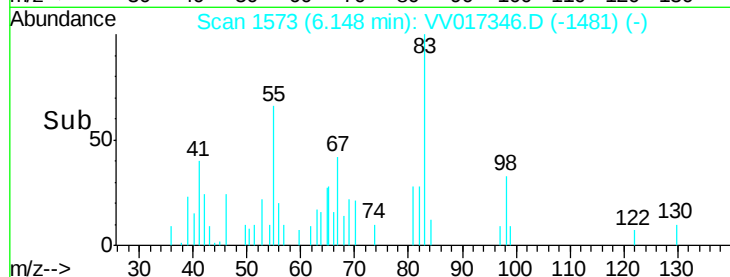
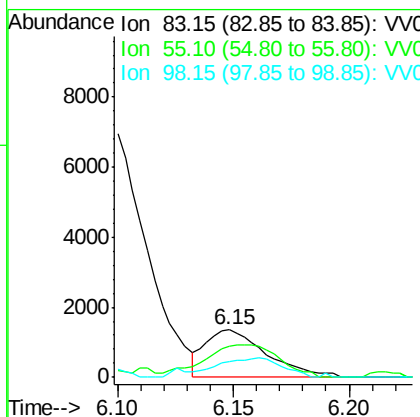
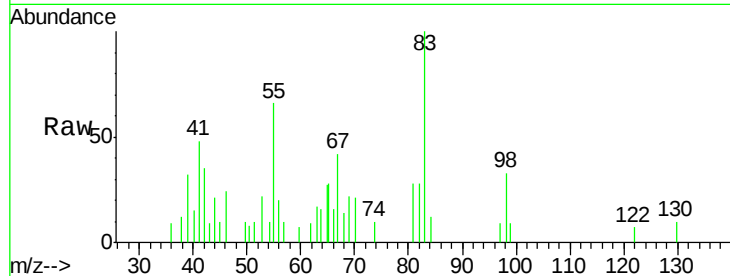
#35
Methvlcvclohexane
Concen: 0.133 ug/L m
RT: 6.15 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VV017346.D
Acq: 06 Jul 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :
H4288MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	7.0	63.6	95.4#
98	10.9	38.8	58.2#

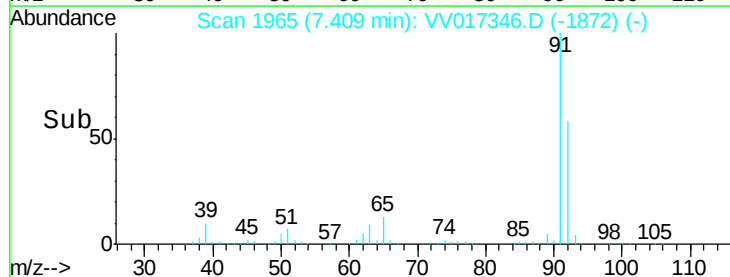
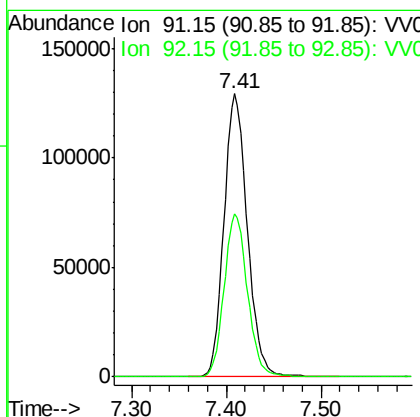
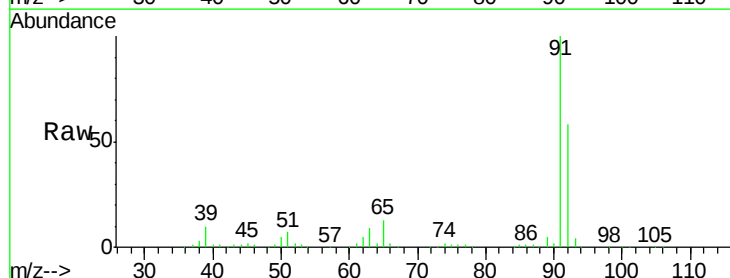
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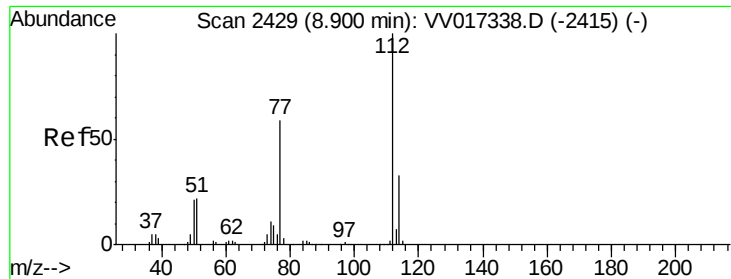
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#42
Toluene
Concen: 4.633 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV017346.D
Acq: 06 Jul 2020 12:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.9	74.1





#53
 Chlorobenzene
 Concen: 4.949 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV017346.D
 Acq: 06 Jul 2020 12:53

Instrument :
 MSVOA_V
 ClientSampleId :
 H4288MSD

Tot Ion:	112	Resp:	147852
Ion Ratio	Lower	Upper	
112	100		
114	33.1	22.0	41.0
77	59.5	46.0	69.0

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