

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017091.D
 Acq On : 24 Jun 2020 23:05
 Operator : SY/MD
 Sample : L3105-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXL8

Quant Time: Jun 25 04:07:11 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	176326	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	169314	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77881	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37657	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	1.58	69	32588	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.13	63	64417	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.93	46	120753	44.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.54%
24) Chloroform-d	4.38	84	104646	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	55291	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.08	84	195786	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.10	67	57457	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.34	98	174036	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
45) trans-1,3-Dichloropropene-	7.64	79	22310	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
48) 2-Hexanone-d5	8.11	63	87711	42.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.06%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43240	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	69752	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

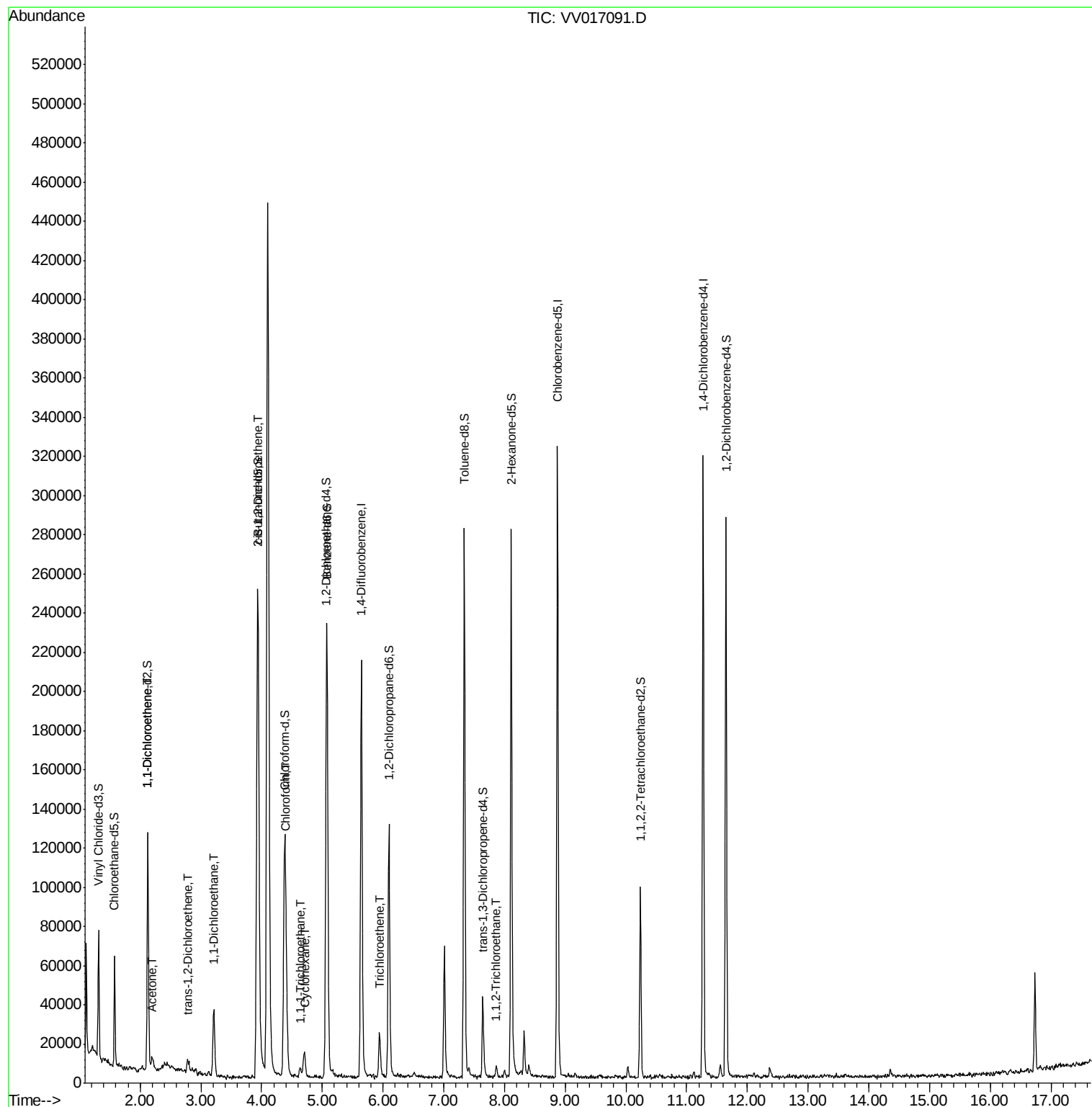
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	3645	0.431	ug/L	# 1
13) Acetone	2.20	43	11016	8.080	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	2126	0.237	ug/L	99
19) 1,1-Dichloroethane	3.21	63	33913	1.683	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	106079	8.650	ug/L	97
25) Chloroform	4.41	83	46613	2.118	ug/L	95
29) 1,1,1-Trichloroethane	4.63	97	3244	0.160	ug/L	94
30) Cyclohexane	4.71	56	6123	0.317	ug/L	90
34) Trichloroethene	5.94	95	8102	0.624	ug/L	92
47) 1,1,2-Trichloroethane	7.86	97	1352	0.174	ug/L	82

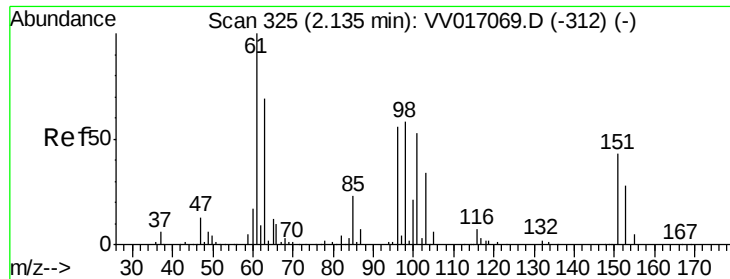
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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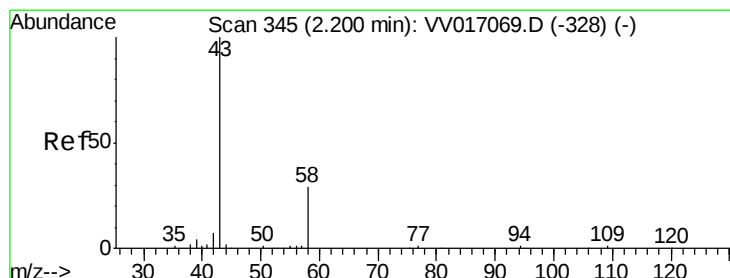
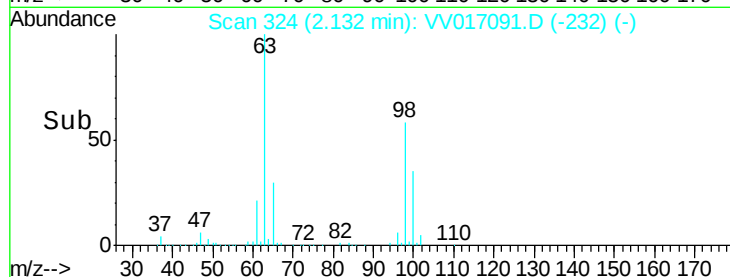
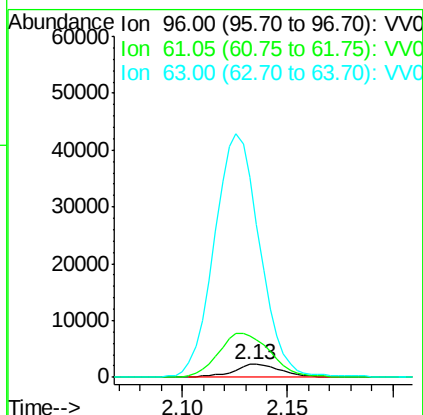
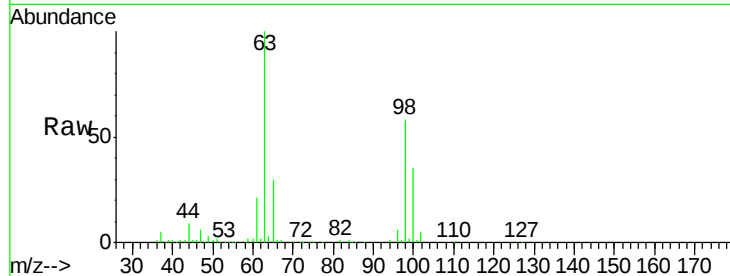




#12
 1,1-Dichloroethene
 Concen: 0.431 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV017091.D
 Acq: 24 Jun 2020 23:05

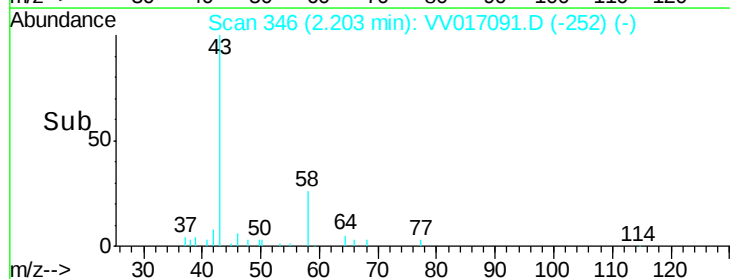
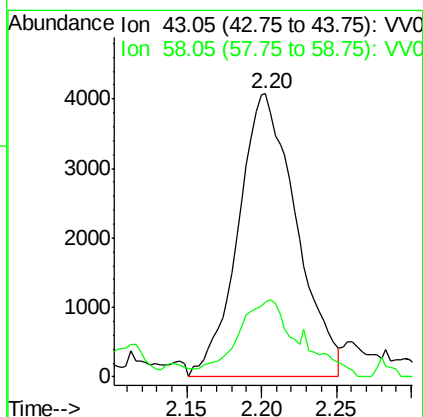
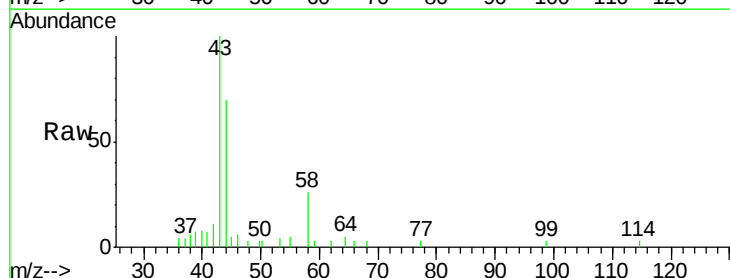
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXL8

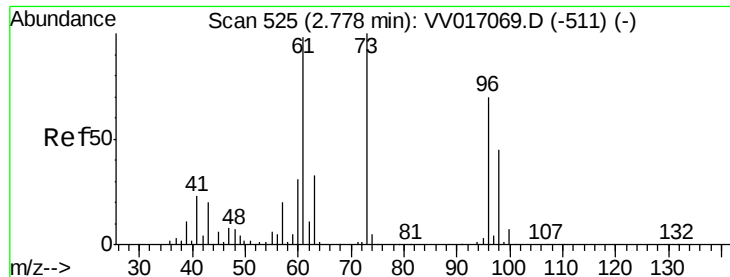
Tot Ion: 96 Resp: 3645
 Ion Ratio Lower Upper
 96 100
 61 329.5 125.0 232.2#
 63 1573.1 109.8 203.8#



#13
 Acetone
 Concen: 8.080 ug/L
 RT: 2.20 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VV017091.D
 Acq: 24 Jun 2020 23:05

Tgt Ion: 43 Resp: 11016
 Ion Ratio Lower Upper
 43 100
 58 29.4 0.0 58.4

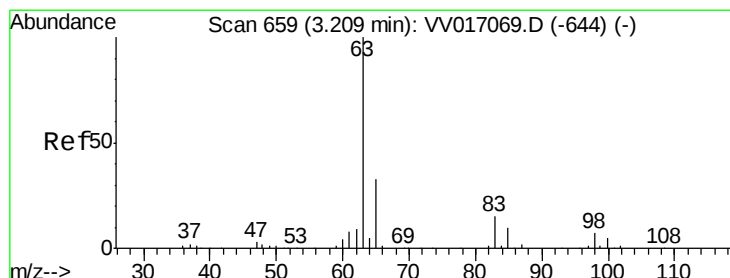
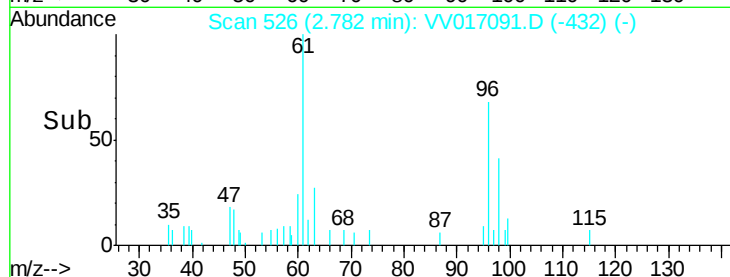
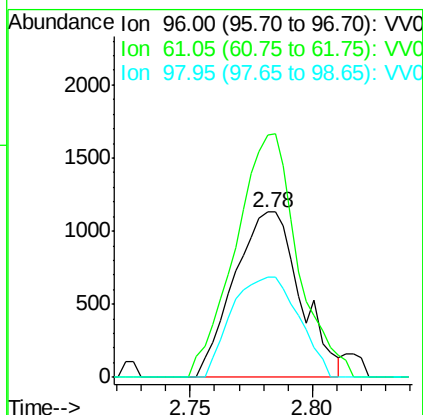
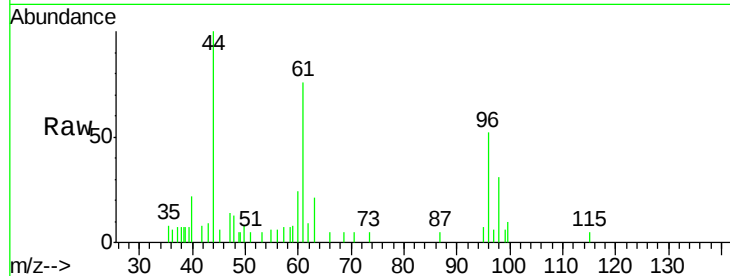




#18
trans-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV017091.D
Acq: 24 Jun 2020 23:05

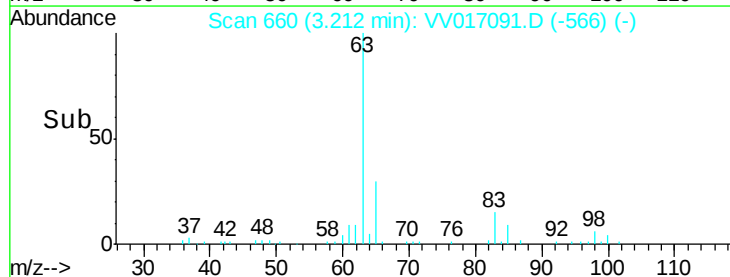
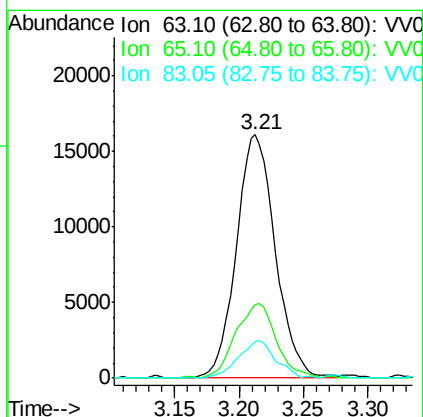
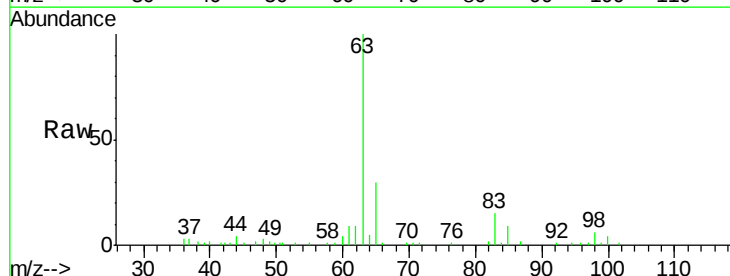
Instrument :
MSVOA_V
ClientSampleId :
BFXL8

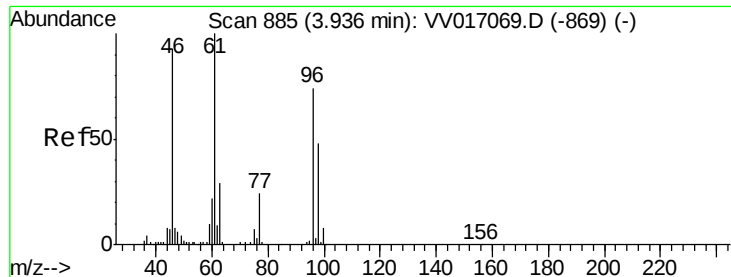
Tot Ion: 96 Resp: 2126
Ion Ratio Lower Upper
96 100
61 146.3 102.3 189.9
98 60.6 44.7 82.9



#19
1,1-Dichloroethane
Concen: 1.683 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV017091.D
Acq: 24 Jun 2020 23:05

Tgt Ion: 63 Resp: 33913
Ion Ratio Lower Upper
63 100
65 29.9 21.8 40.4
83 15.1 9.7 17.9

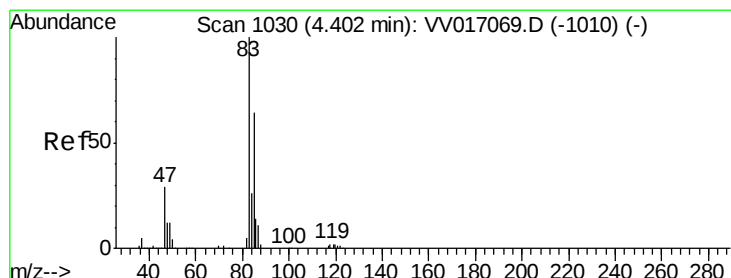
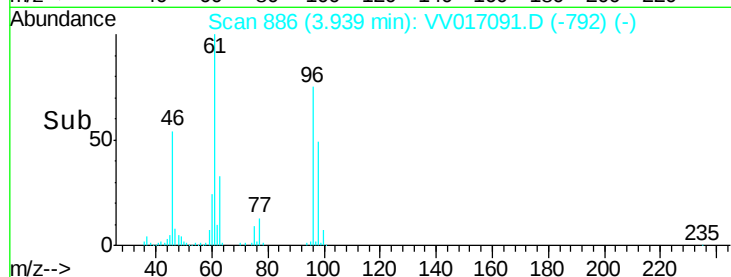
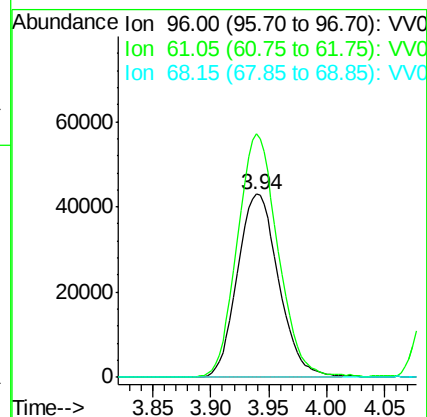
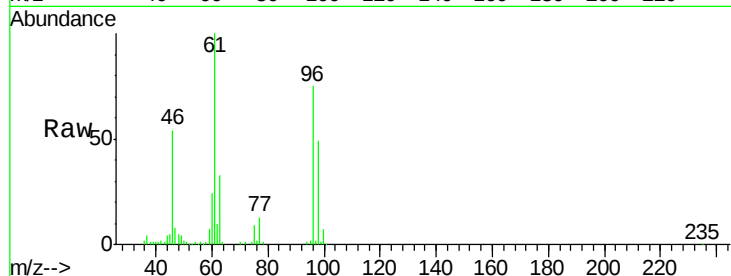




#22
 cis-1,2-Dichloroethene
 Concen: 8.650 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017091.D
 Acq: 24 Jun 2020 23:05

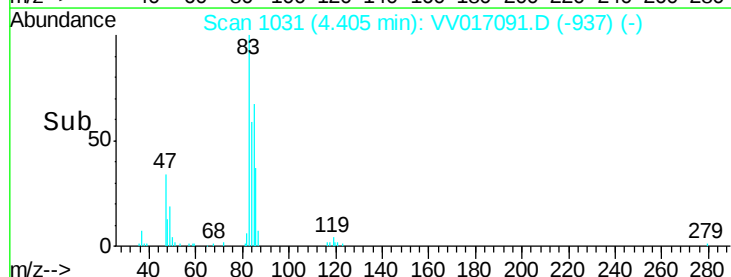
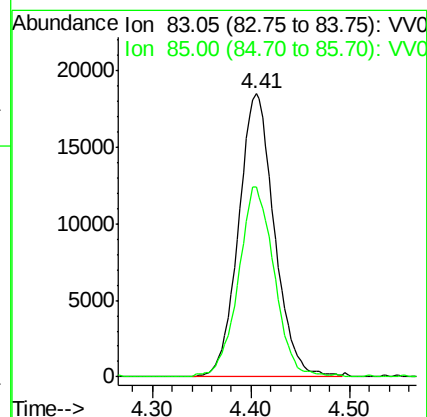
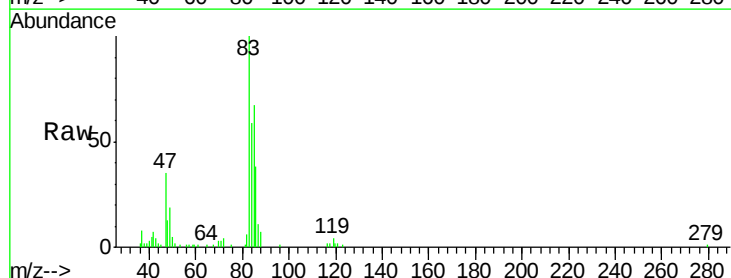
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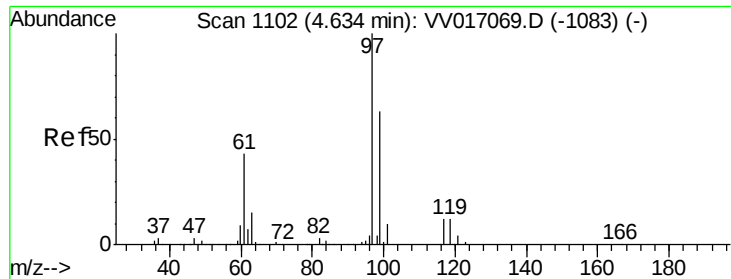
Tot Ion: 96 Resp: 106079
 Ion Ratio Lower Upper
 96 100
 61 133.0 91.0 169.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.118 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VV017091.D
 Acq: 24 Jun 2020 23:05

Tgt Ion: 83 Resp: 46613
 Ion Ratio Lower Upper
 83 100
 85 66.9 44.2 82.2

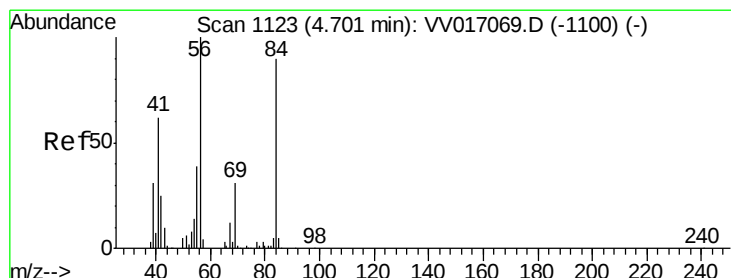
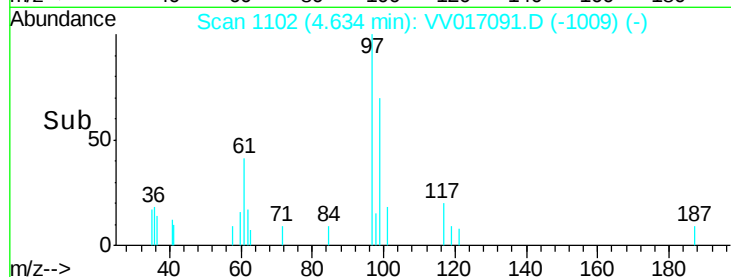
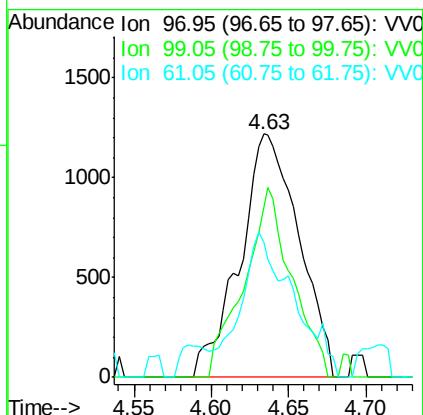
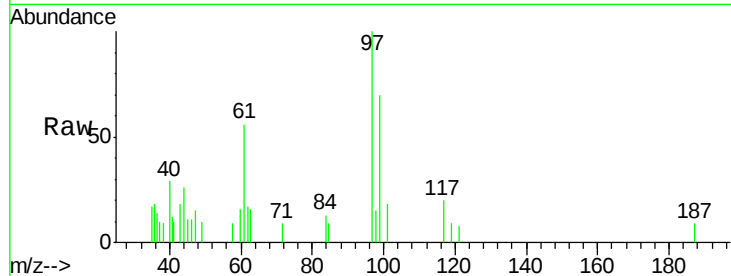




#29
1,1,1-Trichloroethane
Concen: 0.160 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV017091.D
Acq: 24 Jun 2020 23:05

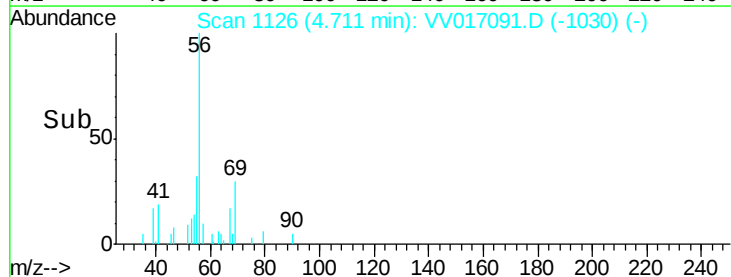
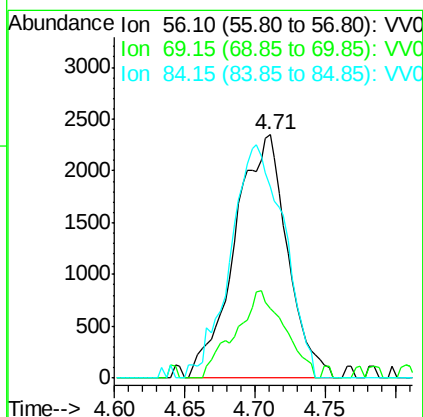
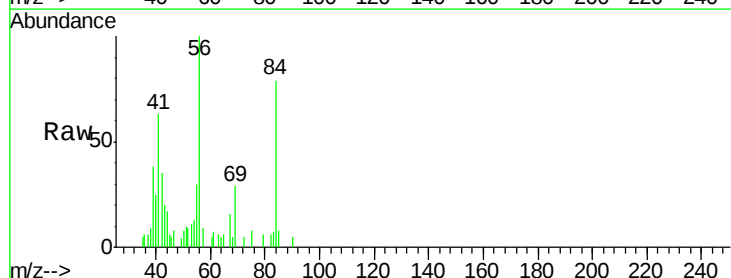
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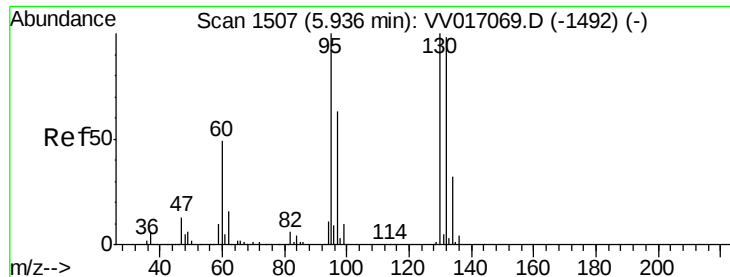
Tot Ion: 97 Resp: 3244
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 53.7 36.0 54.0



#30
Cyclohexane
Concen: 0.317 ug/L
RT: 4.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VV017091.D
Acq: 24 Jun 2020 23:05

Tgt Ion: 56 Resp: 6123
Ion Ratio Lower Upper
56 100
69 33.5 24.4 36.6
84 98.3 69.9 104.9





#34

Trichloroethene

Concen: 0.624 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017091.D

Acq: 24 Jun 2020 23:05

Instrument :

MSVOA_V

ClientSampleId :

BFXL8

Tot Ion: 95 Resp: 8102

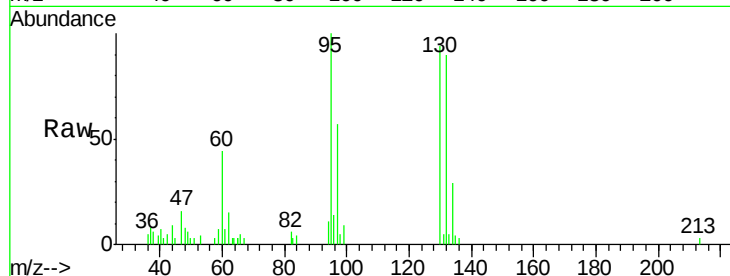
Ion Ratio Lower Upper

95 100

97 56.9 45.3 84.1

132 89.8 68.8 127.8

130 94.3 70.2 130.4

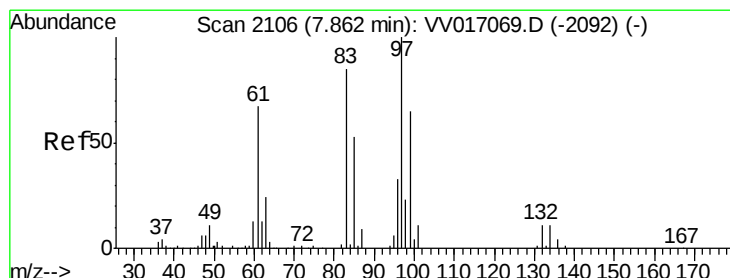
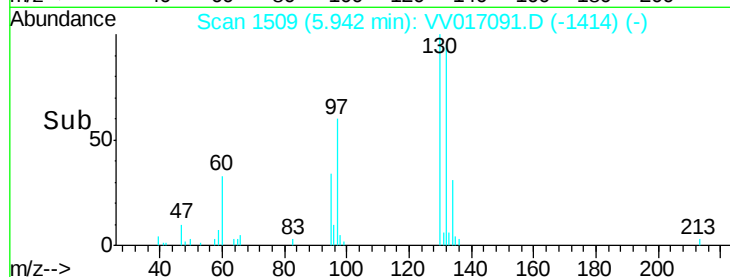
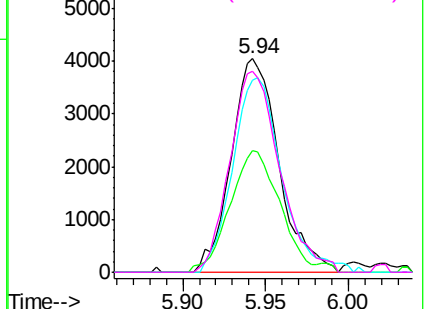


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

1,1,2-Trichloroethane

Concen: 0.174 ug/L

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VV017091.D

Acq: 24 Jun 2020 23:05

Tgt Ion: 97 Resp: 1352

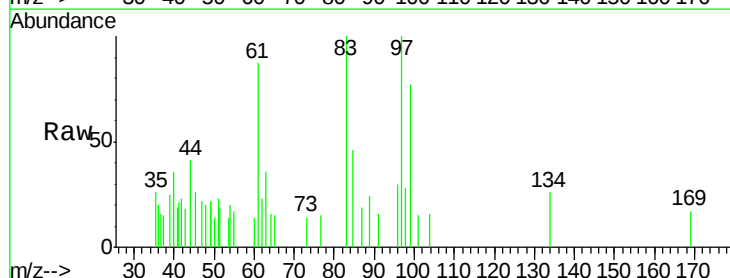
Ion Ratio Lower Upper

97 100

99 77.0 43.6 81.0

83 100.3 57.4 106.6

85 46.2 38.8 72.0



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

