

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018032.D
 Acq On : 17 Aug 2020 17:57
 Operator : SY/MD
 Sample : L3665-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L73

Quant Time: Aug 18 01:28:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	257378	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82763	42.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.30%
7) Chloroethane-d5	1.58	69	73213	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.14%
11) 1,1-Dichloroethene-d2	2.12	63	123607	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	3.91	46	120857	93.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.96%
24) Chloroform-d	4.38	84	150299	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.08%
26) 1,2-Dichloroethane-d4	5.06	65	110415	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
32) Benzene-d6	5.07	84	321799	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.09	67	105477	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.24%
41) Toluene-d8	7.34	98	280192	44.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.10%
43) trans-1,3-Dichloropropene-	7.64	79	47923	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.40%
47) 2-Hexanone-d5	8.11	63	62177	83.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135177	44.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	118025	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%

Target Compounds

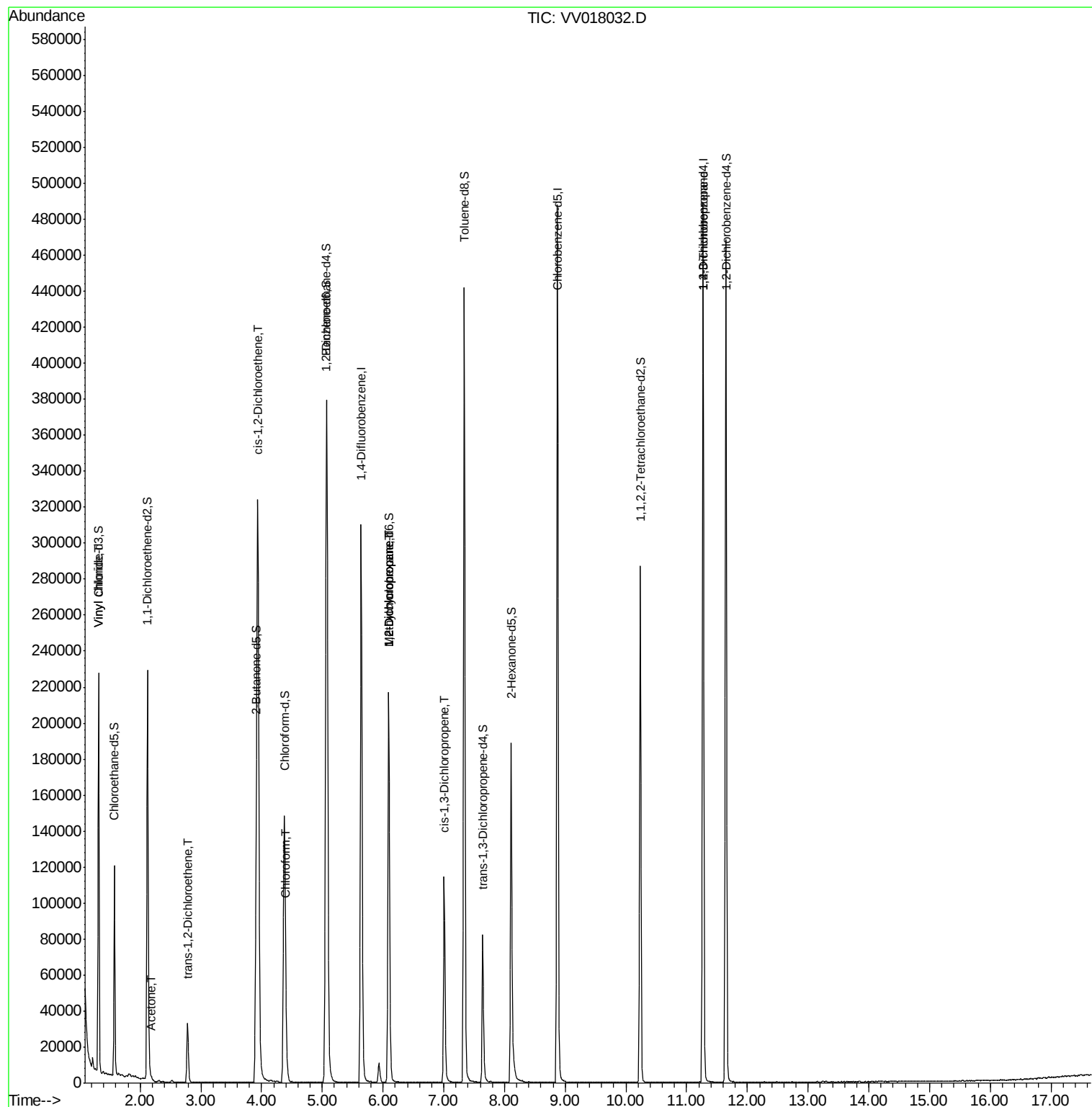
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	60330	26.380	ug/L	95
13) Acetone	2.19	43	1342	1.010	ug/L	86
17) trans-1,2-Dichloroethene	2.78	96	11366	6.404	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	169062	86.687	ug/L	98
25) Chloroform	4.41	83	12589	3.459	ug/L	94
35) Methylcyclohexane	6.09	83	24918	7.985	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11784	5.442	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2937	0.957	ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	14586	5.455	ug/L	91

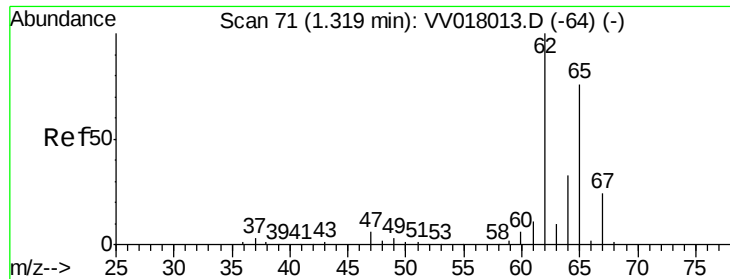
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 26.380 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018032.D

Acq: 17 Aug 2020 17:57

Instrument :

MSVOA_V

ClientSampled :

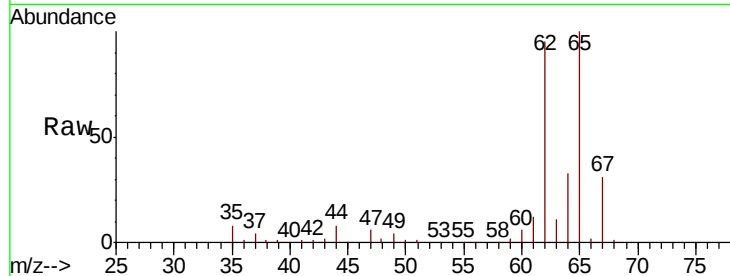
F4L73

Tot Ion: 62.00 Resp: 60330

Ion Ratio Lower Upper

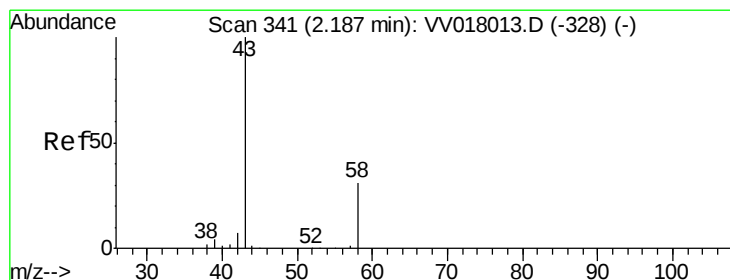
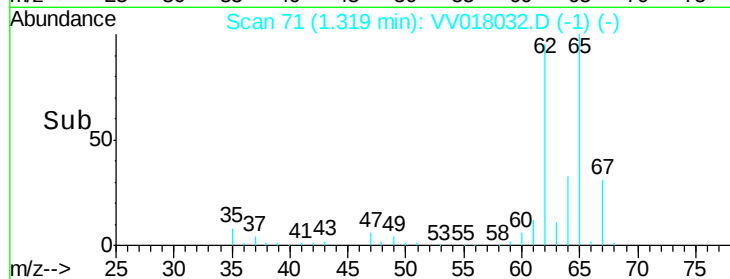
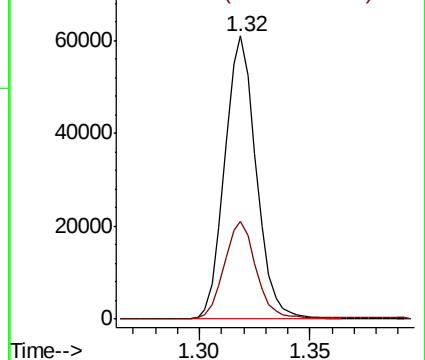
62 100

64 34.6 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#13

Acetone

Concen: 1.010 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV018032.D

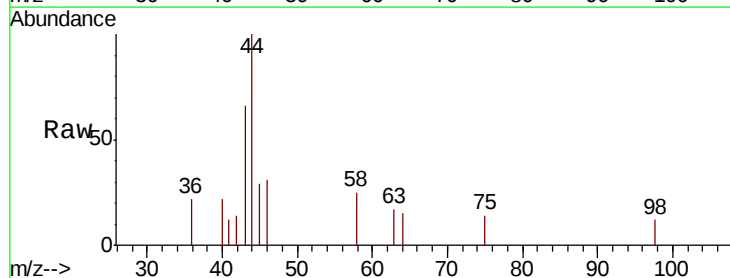
Acq: 17 Aug 2020 17:57

Tgt Ion: 43 Resp: 1342

Ion Ratio Lower Upper

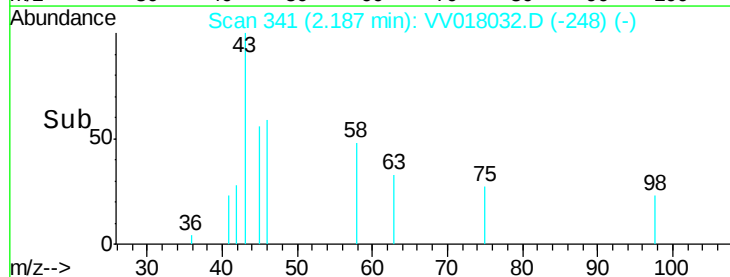
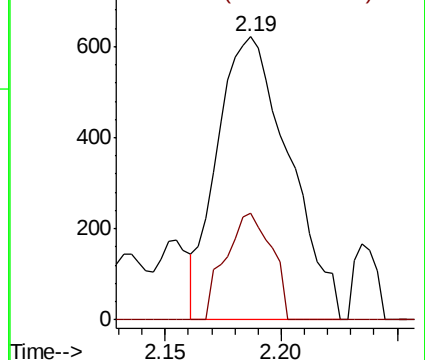
43 100

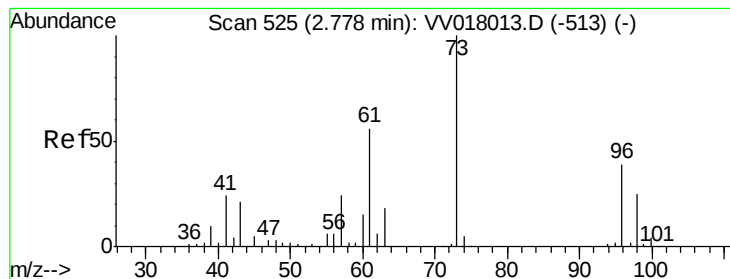
58 24.1 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 6.404 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV018032.D

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Instrument :

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ClientSampleId :

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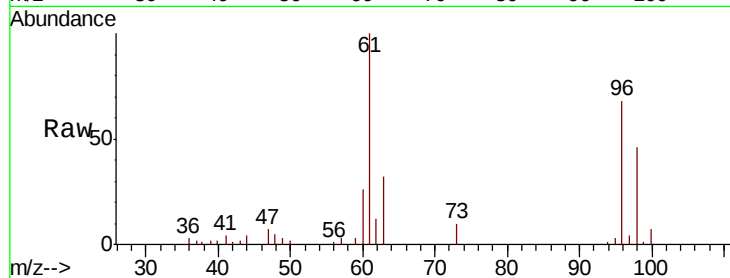
Tot Ion: 96 Resp: 11366

Ion Ratio Lower Upper

96 100

61 148.0 102.4 190.2

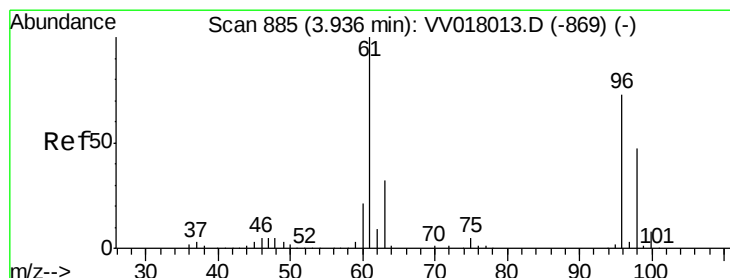
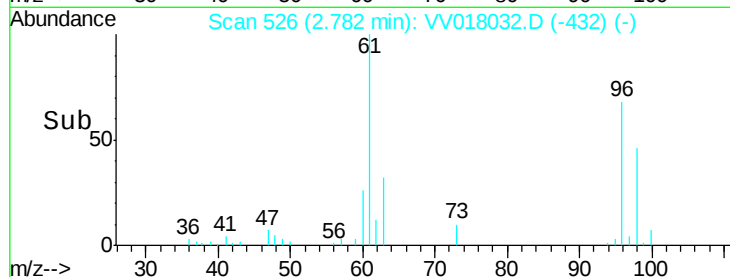
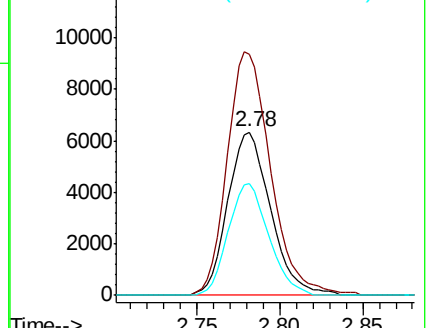
98 68.7 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 86.687 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018032.D

Acq: 17 Aug 2020 17:57

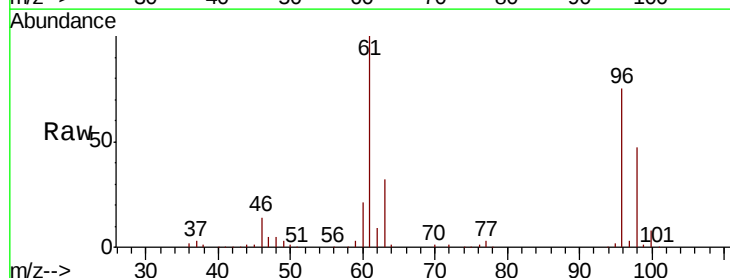
Tgt Ion: 96 Resp: 169062

Ion Ratio Lower Upper

96 100

61 132.8 95.0 176.4

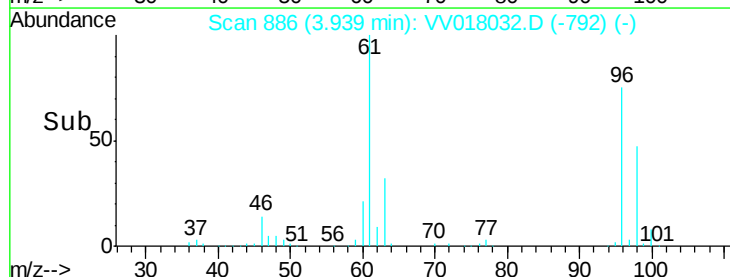
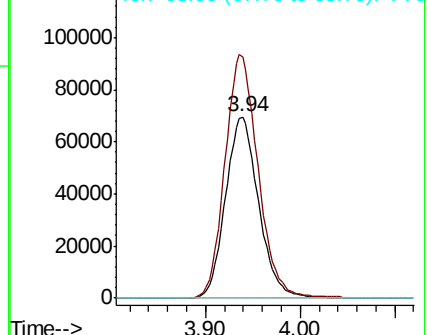
68 0.0 0.0 0.0

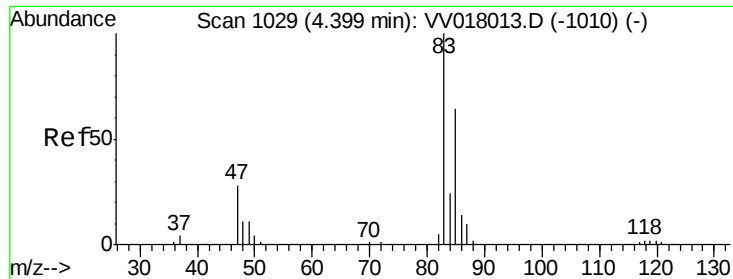


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

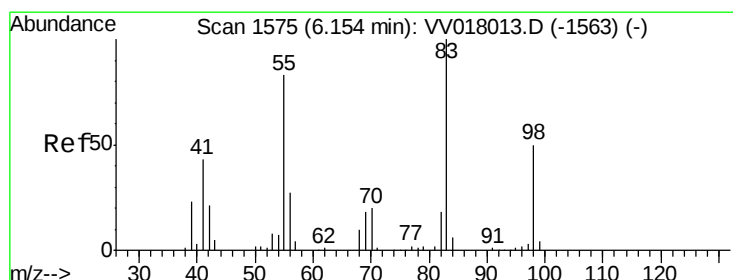
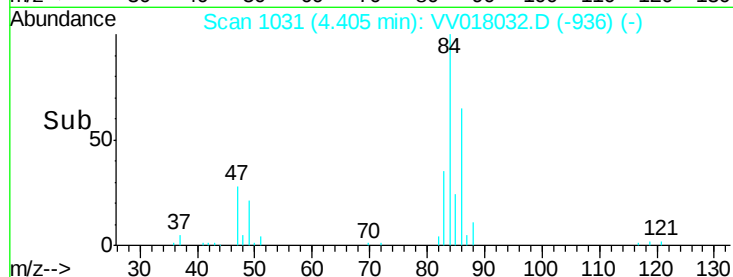
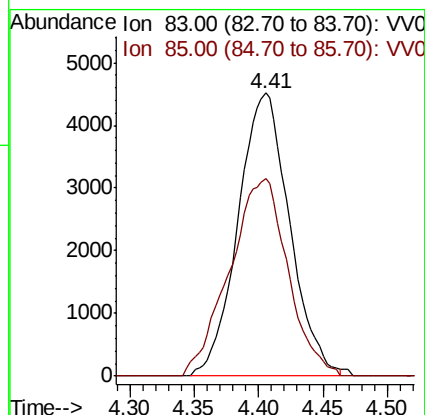
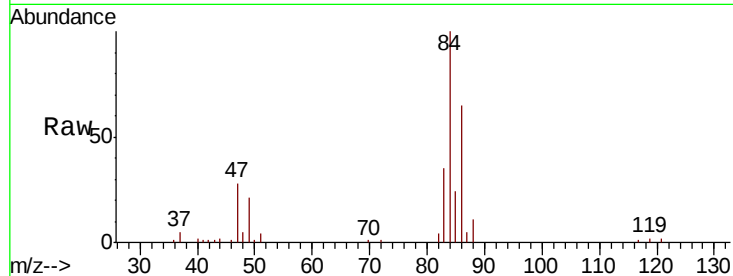




#25
Chloroform
Concen: 3.459 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018032.D
Acq: 17 Aug 2020 17:57

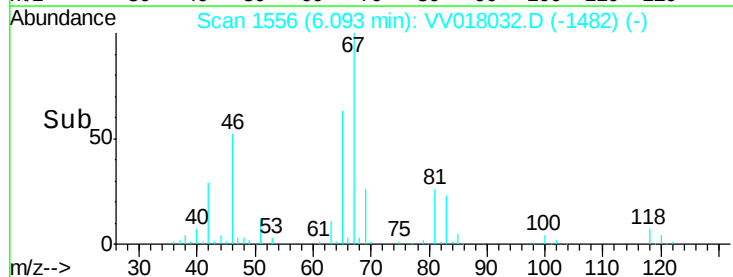
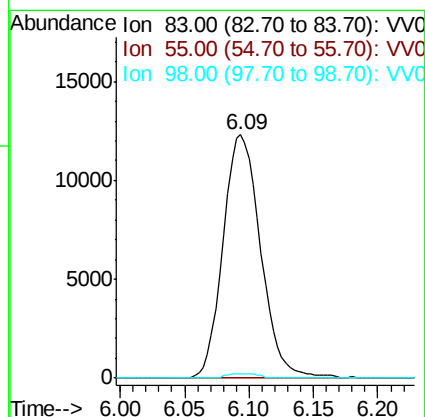
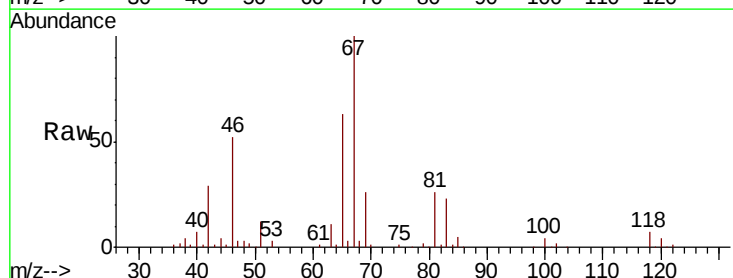
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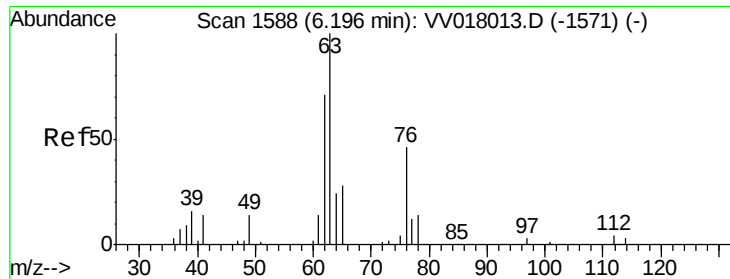
Tot Ion: 83 Resp: 12589
Ion Ratio Lower Upper
83 100
85 69.8 45.5 84.5



#35
Methylcyclohexane
Concen: 7.985 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018032.D
Acq: 17 Aug 2020 17:57

Tgt Ion: 83 Resp: 24918
Ion Ratio Lower Upper
83 100
55 0.0 64.9 97.3#
98 1.5 38.7 58.1#

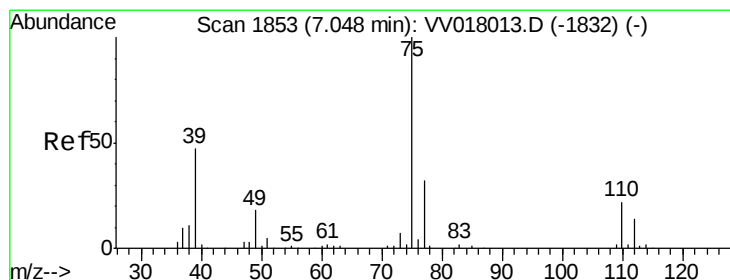
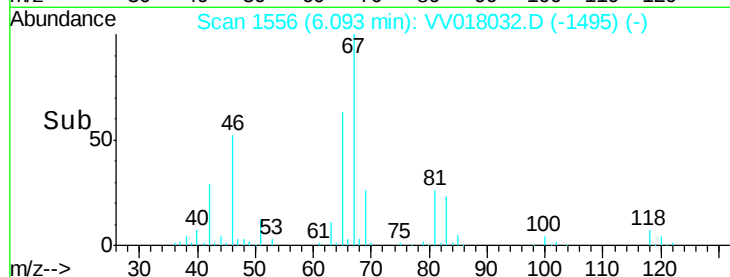
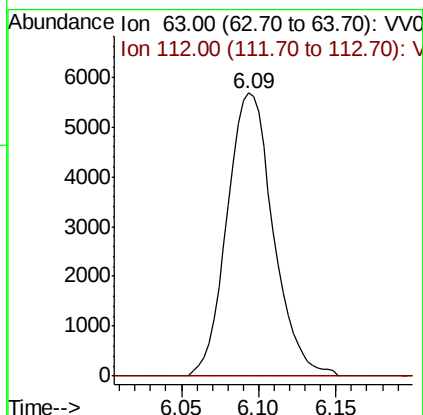
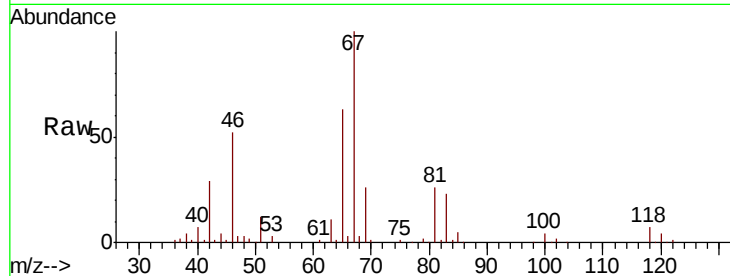




#37
 1,2-Dichloropropane
 Concen: 5.442 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018032.D
 Acq: 17 Aug 2020 17:57

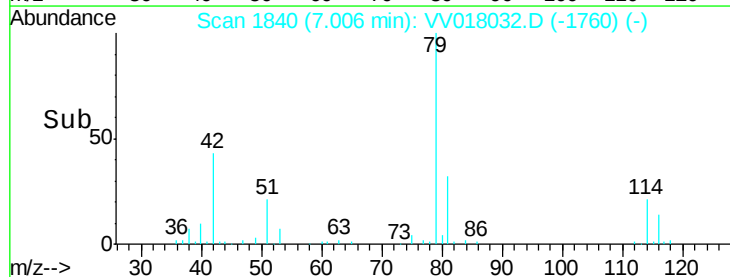
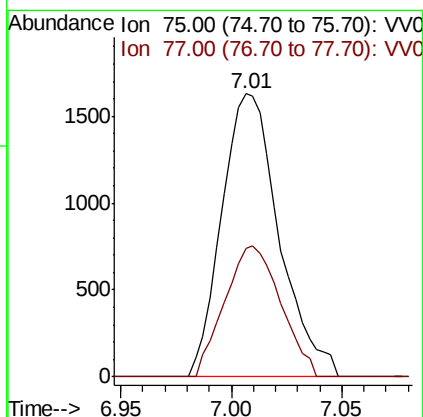
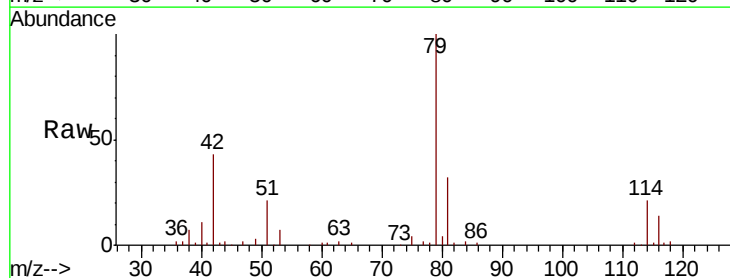
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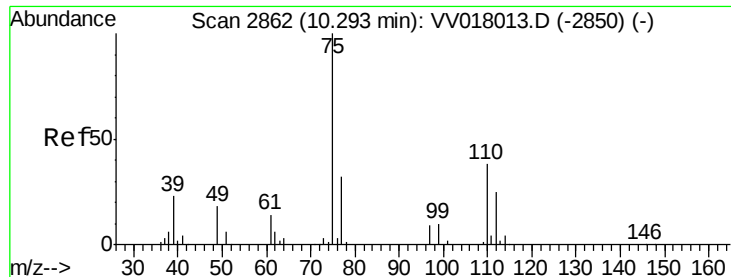
Tot Ion: 63 Resp: 11784
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.957 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018032.D
 Acq: 17 Aug 2020 17:57

Tgt Ion: 75 Resp: 2937
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 5.455 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018032.D

Acq: 17 Aug 2020 17:57

Instrument :

MSVOA_V

ClientSampleId :

F4L73

Tot Ion: 75 Resp: 14586

Ion Ratio Lower Upper

75 100

77 37.1 25.7 38.5

