

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017661.D
 Acq On : 24 Jul 2020 21:48
 Operator : SY/MD
 Sample : L3446-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:13:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150545	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148103	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71826	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33227	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	27576	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	77386	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	3.92	46	72579	42.20	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.40%
24) Chloroform-d	4.38	84	85419	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	44446	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.07	84	148837	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.09	67	41737	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.34	98	134591	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
45) trans-1,3-Dichloropropene-	7.65	79	16115	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
48) 2-Hexanone-d5	8.11	63	48022	37.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.36%
59) 1,1,2,2-Tetrachloroethane-	10.23	84	26509	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	55437	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

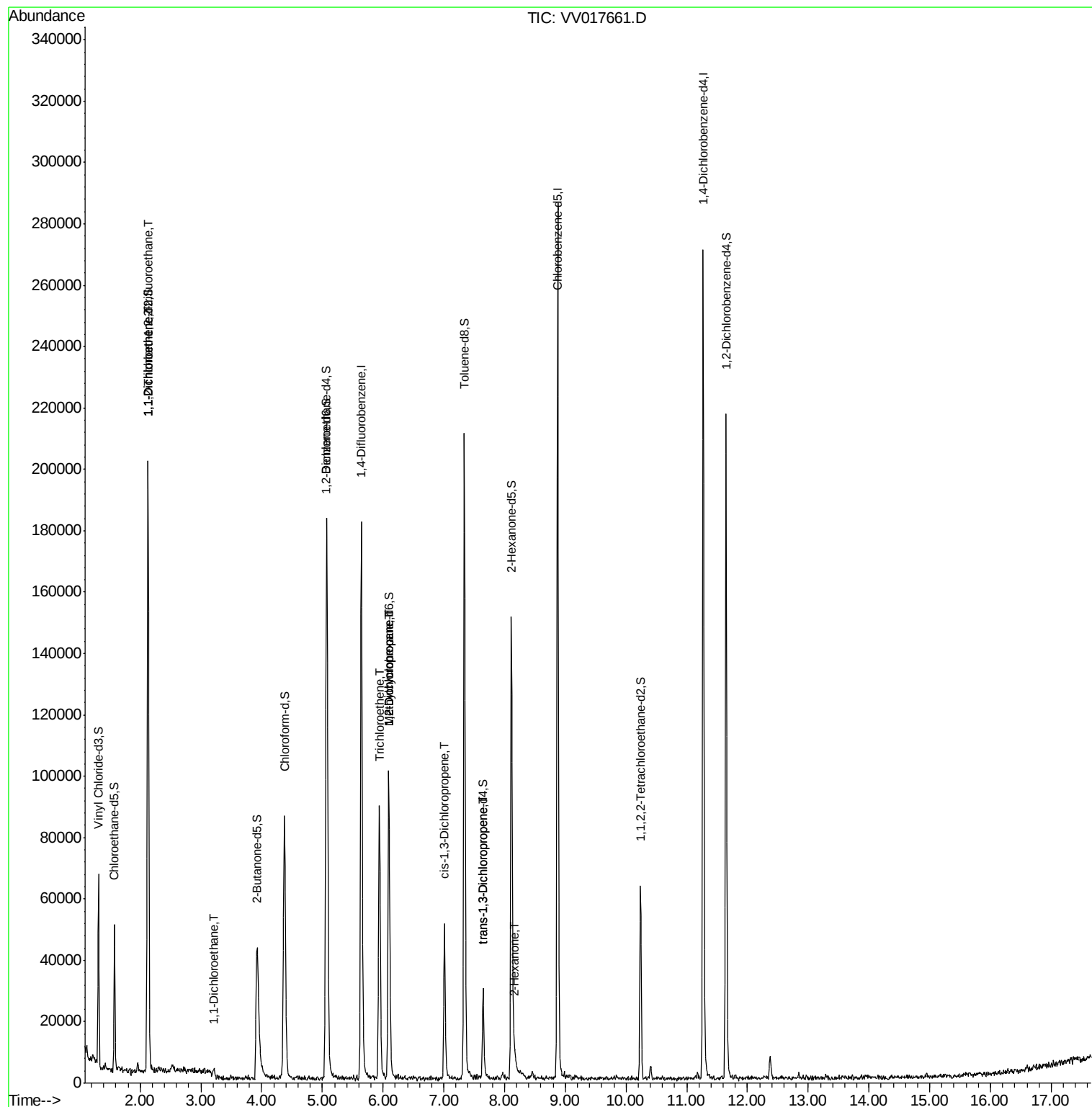
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2631	0.293	ug/L 92
12) 1,1-Dichloroethene	2.14	96	34460	4.251	ug/L 91
19) 1,1-Dichloroethane	3.21	63	2749	0.148	ug/L 98
34) Trichloroethene	5.94	95	30755	2.626	ug/L 95
35) Methylcyclohexane	6.09	83	11375	0.642	ug/L # 19
37) 1,2-Dichloropropane	6.09	63	5653	0.574	ug/L # 85
39) cis-1,3-Dichloropropene	7.01	75	1562	0.105	ug/L 87
46) trans-1,3-Dichloropropene	7.64	75	774	0.058	ug/L # 54
50) 2-Hexanone	8.17	43	3521	0.921	ug/L # 94

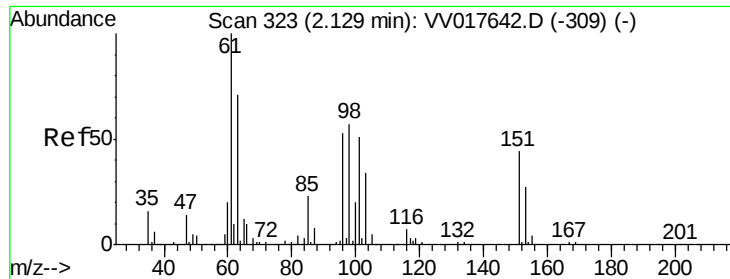
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.293 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017661.D

Acq: 24 Jul 2020 21:48

Instrument :

MSVOA_V

ClientSampleId :

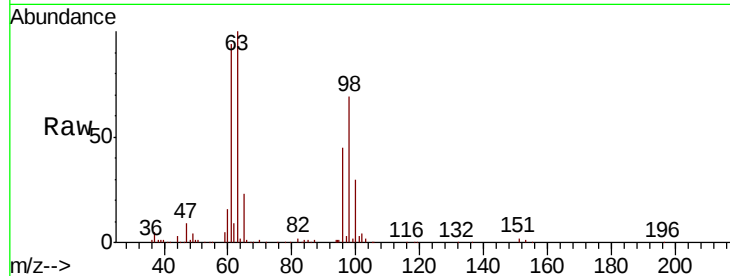
Tot Ion:101 Resp: 2631

Ion Ratio Lower Upper

101 100

85 42.9 34.6 51.8

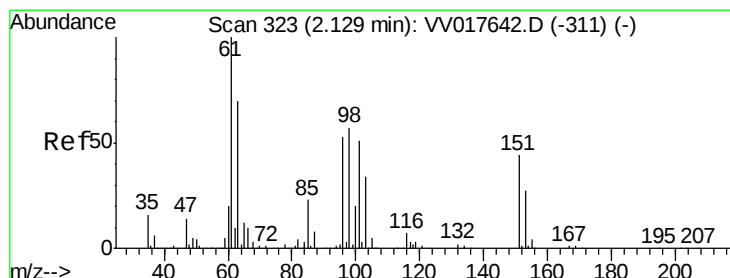
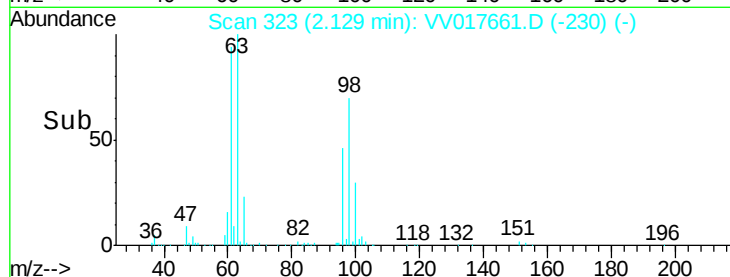
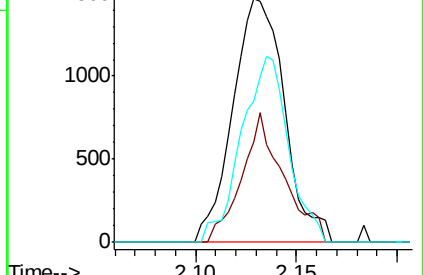
151 69.2 63.5 95.3



Abundance Ion 101.00 (100.70 to 101.70): VV017661.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV017661.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV017661.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 4.251 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.01 min

Lab File: VV017661.D

Acq: 24 Jul 2020 21:48

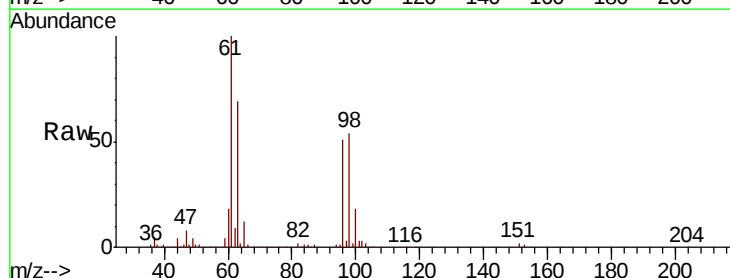
Tgt Ion: 96 Resp: 34460

Ion Ratio Lower Upper

96 100

61 195.5 123.1 228.7

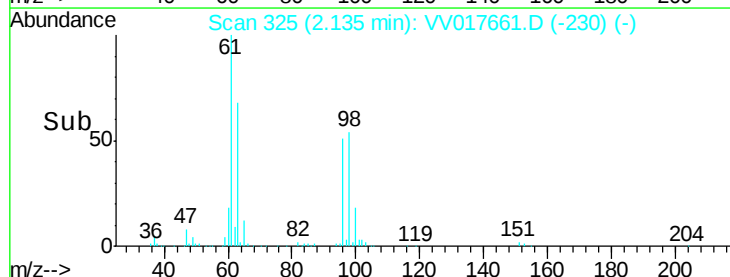
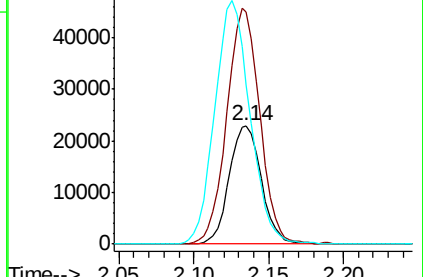
63 134.0 91.2 169.4

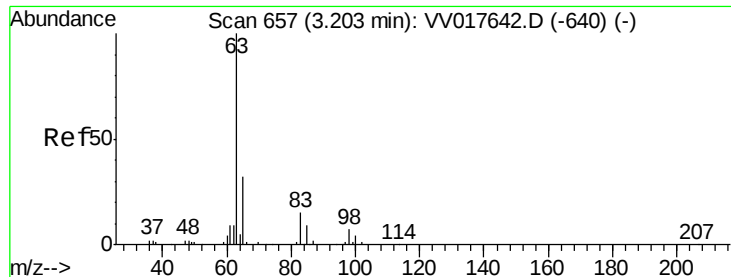


Abundance Ion 96.00 (95.70 to 96.70): VV017661.D (-230) (-)

Ion 61.05 (60.75 to 61.75): VV017661.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV017661.D (-230) (-)





#19

1,1-Dichloroethane

Concen: 0.148 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.01 min

Lab File: VV017661.D

Acq: 24 Jul 2020 21:48

Instrument :
MSVOA_V
ClientSampleId :

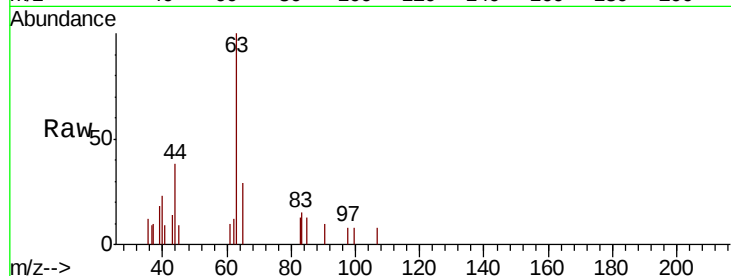
Tot Ion: 63 Resp: 2749

Ion Ratio Lower Upper

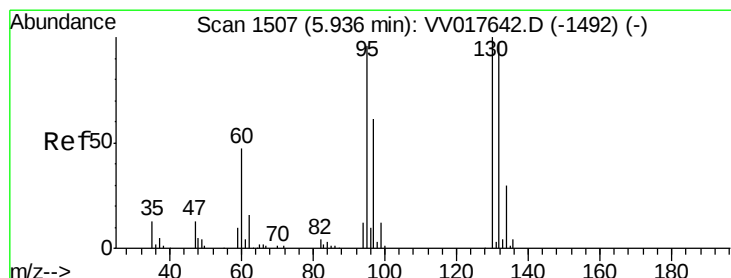
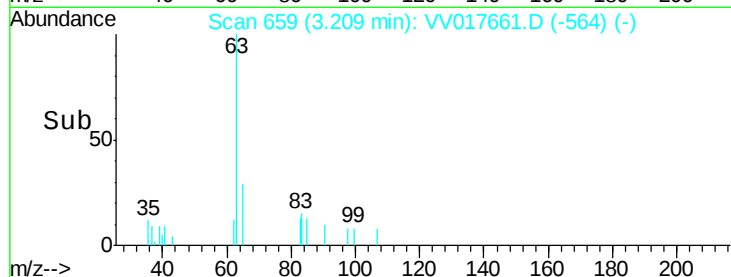
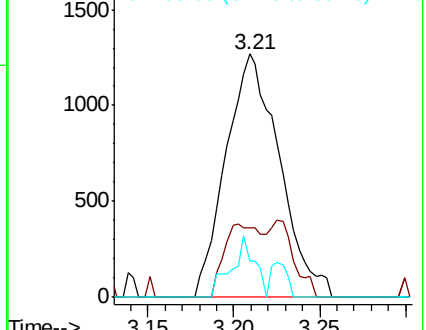
63 100

65 28.7 21.4 39.8

83 15.0 10.4 19.4



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



#34

Trichloroethene

Concen: 2.626 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017661.D

Acq: 24 Jul 2020 21:48

Tgt Ion: 95 Resp: 30755

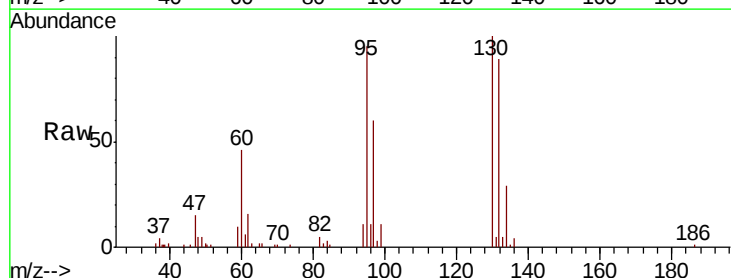
Ion Ratio Lower Upper

95 100

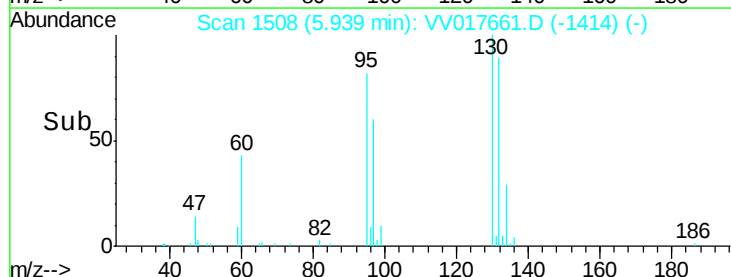
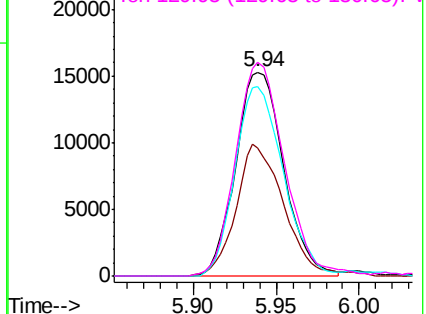
97 62.9 46.1 85.5

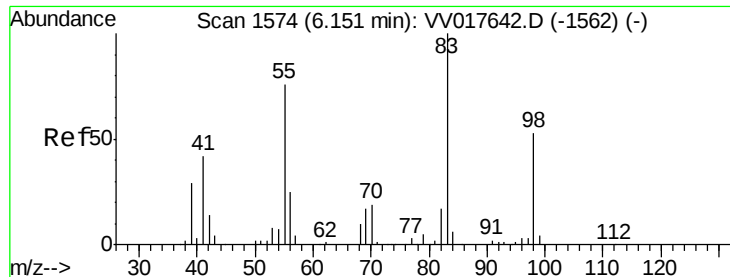
132 93.2 71.7 133.1

130 104.7 74.3 137.9



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): VV0
Ion 129.95 (129.65 to 130.65): VV0

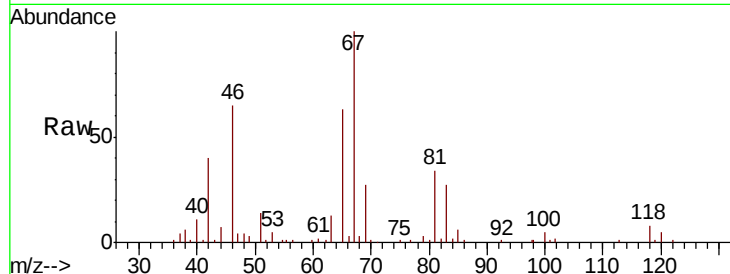




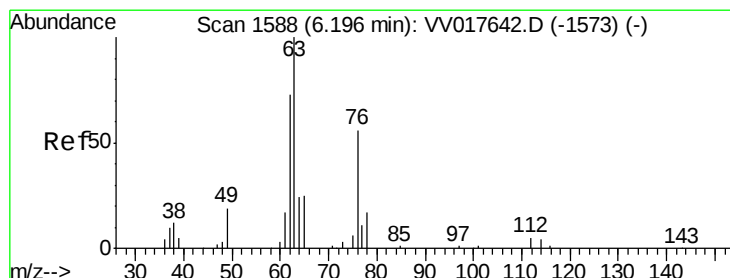
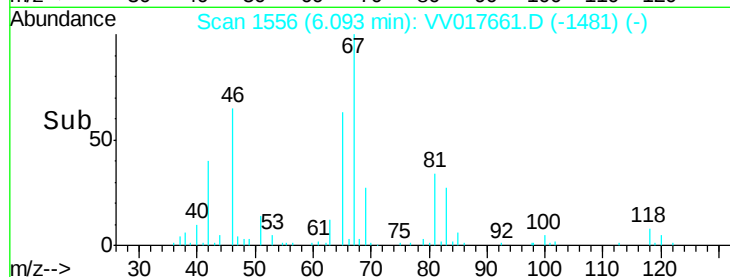
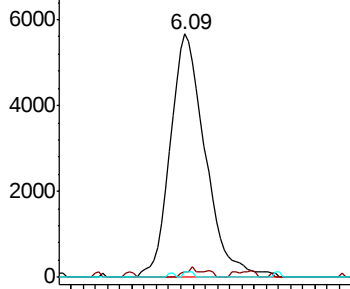
#35
Methvlcvclohexane
Concen: 0.642 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017661.D
Acq: 24 Jul 2020 21:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11375
Ion Ratio Lower Upper
83 100
55 1.5 61.8 92.8#
98 0.7 39.0 58.6#

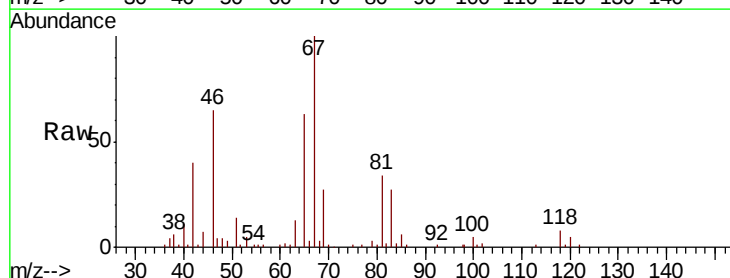


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

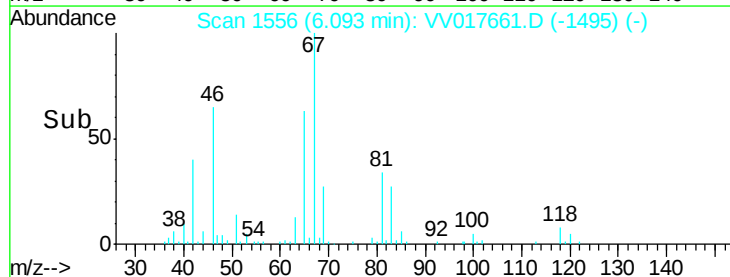
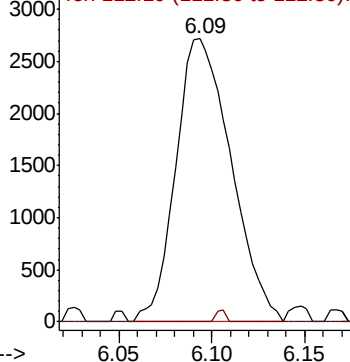


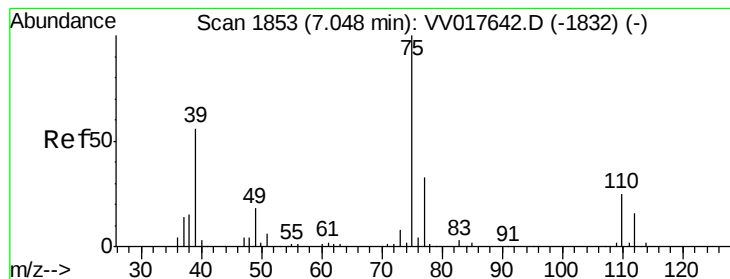
#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017661.D
Acq: 24 Jul 2020 21:48

Tgt Ion: 63 Resp: 5653
Ion Ratio Lower Upper
63 100
112 0.7 4.5 6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



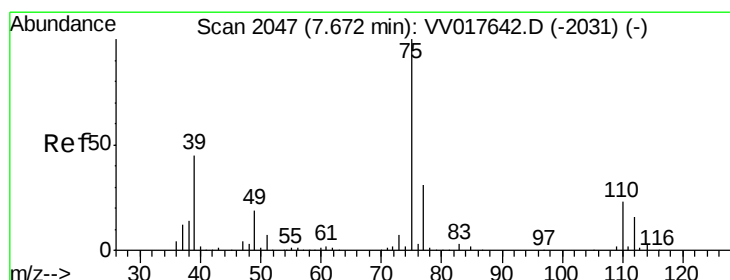
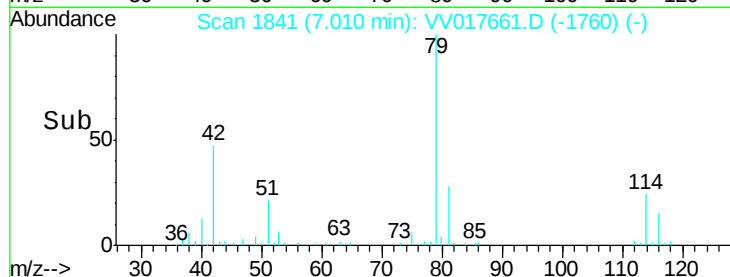
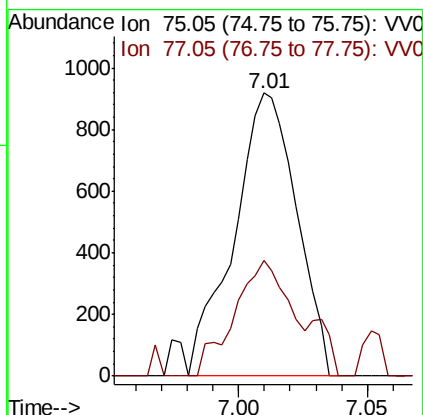
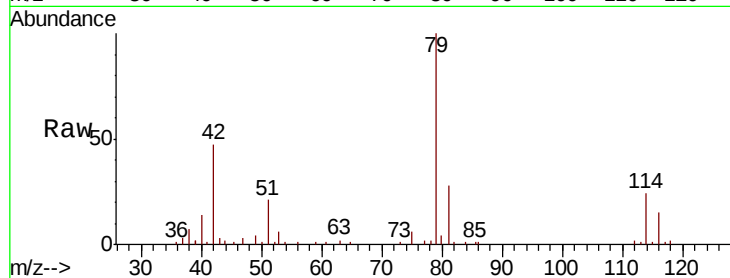


#39

cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017661.D
Acq: 24 Jul 2020 21:48

Instrument :
MSVOA_V
ClientSampled :

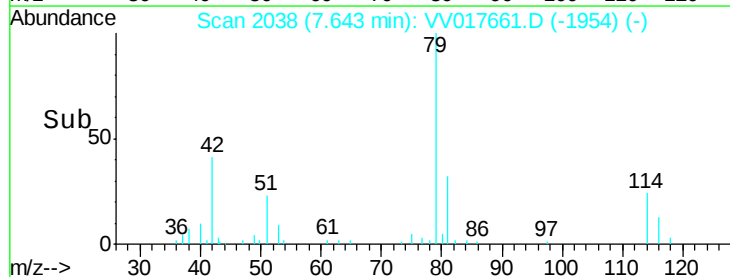
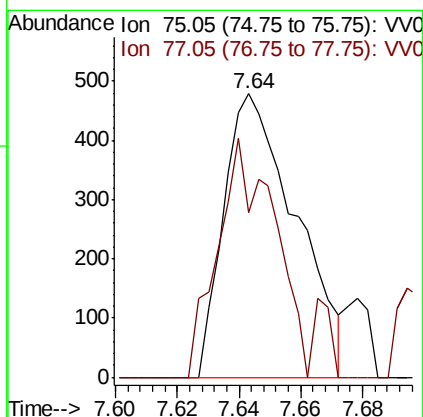
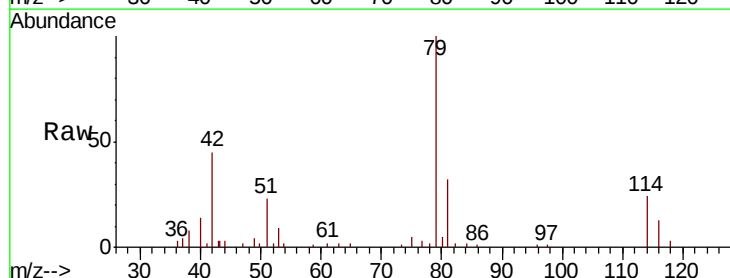
Tot Ion: 75 Resp: 1562
Ion Ratio Lower Upper
75 100
77 40.8 23.2 43.2

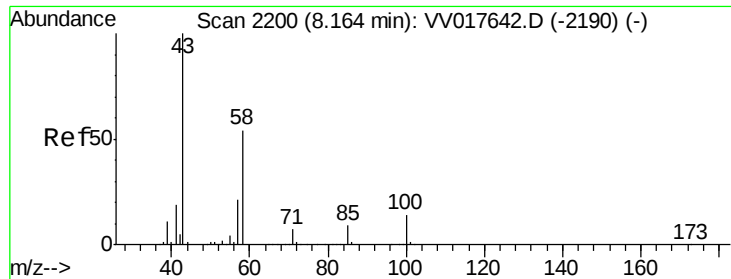


#46

trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017661.D
Acq: 24 Jul 2020 21:48

Tgt Ion: 75 Resp: 774
Ion Ratio Lower Upper
75 100
77 57.9 22.5 41.7#





#50
 2-Hexanone
 Concen: 0.921 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: VV017661.D
 Acq: 24 Jul 2020 21:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 3521
 Ion Ratio Lower Upper
 43 100
 58 50.6 41.6 62.4
 57 15.1 15.4 23.0#
 100 6.8 11.2 16.8#

