

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017904.D
 Acq On : 10 Aug 2020 18:27
 Operator : SY/MD
 Sample : L3608-08DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L79DL

Quant Time: Aug 11 02:21:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	246529	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	231127	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119344	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45984	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.24%
7) Chloroethane-d5	1.58	69	43688	40.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.78%
11) 1,1-Dichloroethene-d2	2.12	63	88321	28.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.74%#
21) 2-Butanone-d5	3.91	46	76658	96.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.15%
24) Chloroform-d	4.37	84	143277	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.84%
26) 1,2-Dichloroethane-d4	5.06	65	109665	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
32) Benzene-d6	5.07	84	236317	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.56%
36) 1,2-Dichloropropane-d6	6.09	67	62125	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.82%
41) Toluene-d8	7.34	98	228705	42.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.26%
43) trans-1,3-Dichloropropene-	7.64	79	40765	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.56%
47) 2-Hexanone-d5	8.11	63	45574	92.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	93085	44.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	112440	46.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.44%

Target Compounds

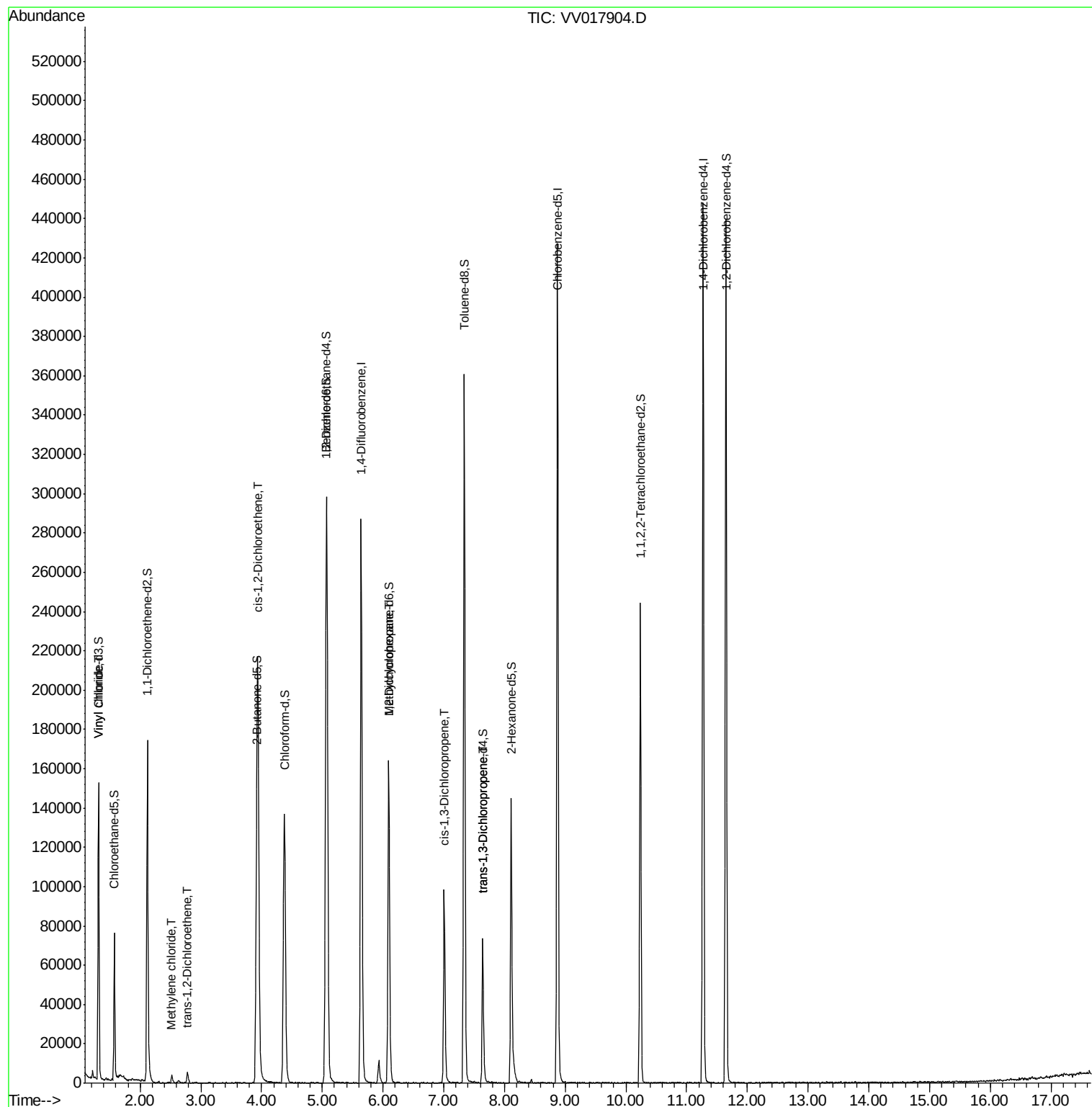
					Ovalue
5) Vinyl chloride	1.32	62	47348	32.871	ug/L 99
16) Methylene chloride	2.52	84	1794	1.175	ug/L 86
17) trans-1,2-Dichloroethene	2.78	96	2181	1.471	ug/L 87
20) cis-1,2-Dichloroethene	3.94	96	111110	69.399	ug/L 95
35) Methylcyclohexane	6.09	83	20799	8.844	ug/L # 21
39) cis-1,3-Dichloropropene	7.01	75	2726	1.326	ug/L # 54
44) trans-1,3-Dichloropropene	7.64	75	2070	0.958	ug/L 93

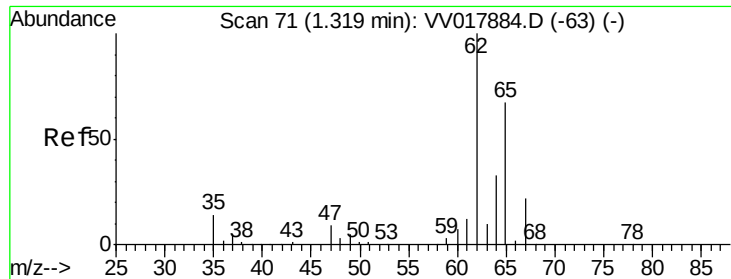
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 32.871 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017904.D

Acq: 10 Aug 2020 18:27

Instrument :

MSVOA_V

ClientSampleID :

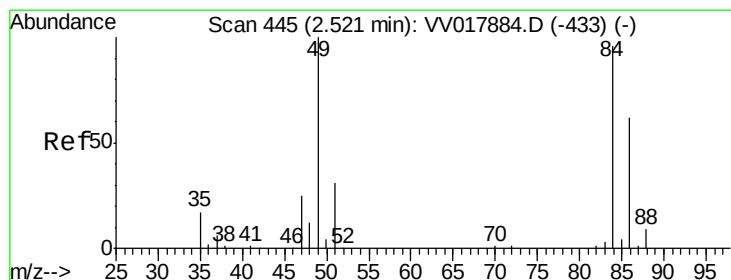
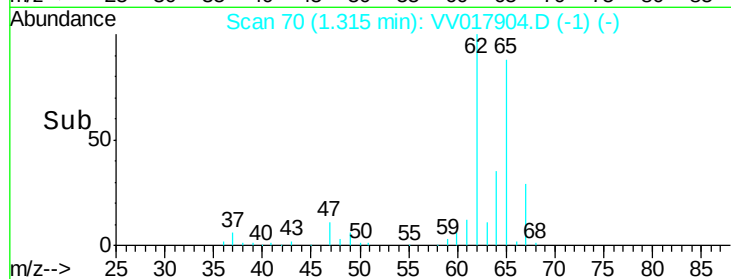
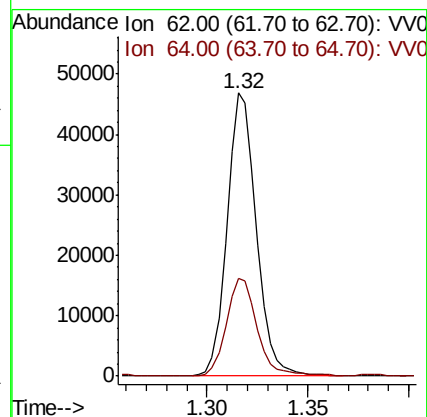
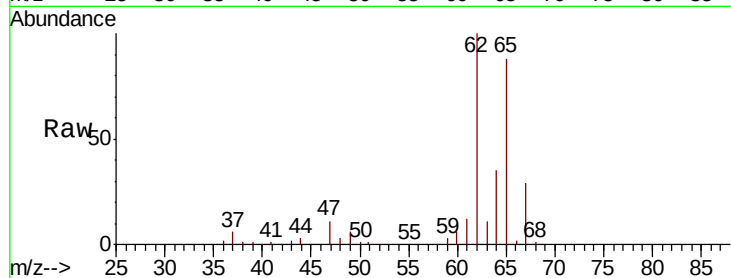
F2L79DL

Tot Ion: 62 Resp: 47348

Ion Ratio Lower Upper

62 100

64 34.8 24.0 44.6



#16

Methylene chloride

Concen: 1.175 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017904.D

Acq: 10 Aug 2020 18:27

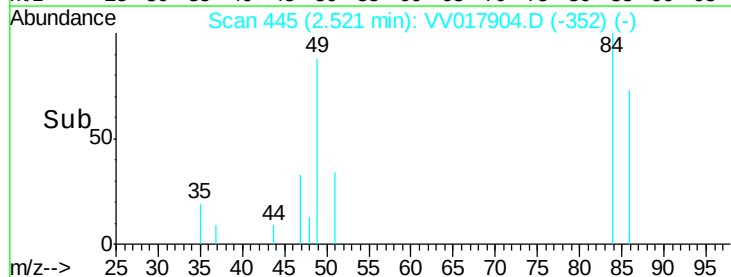
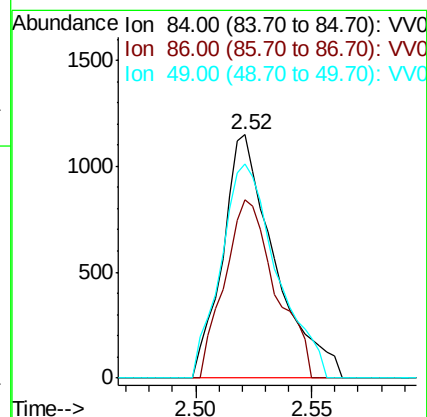
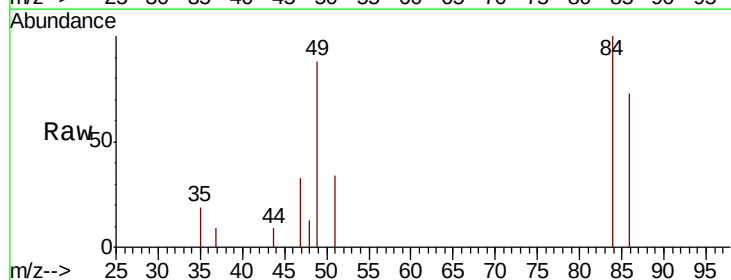
Tgt Ion: 84 Resp: 1794

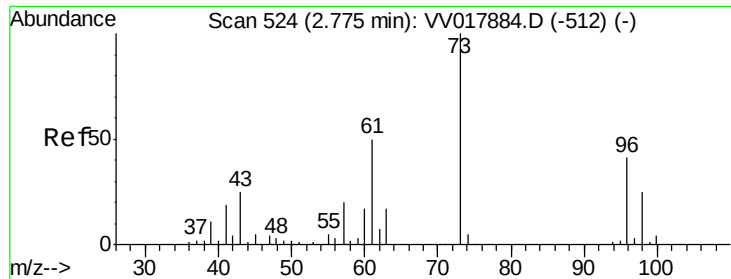
Ion Ratio Lower Upper

84 100

86 73.0 46.2 85.8

49 88.0 73.6 136.6





#17

trans-1,2-Dichloroethene

Concen: 1.471 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017904.D

Acq: 10 Aug 2020 18:27

Instrument :

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ClientSampleId :

F2L79DL

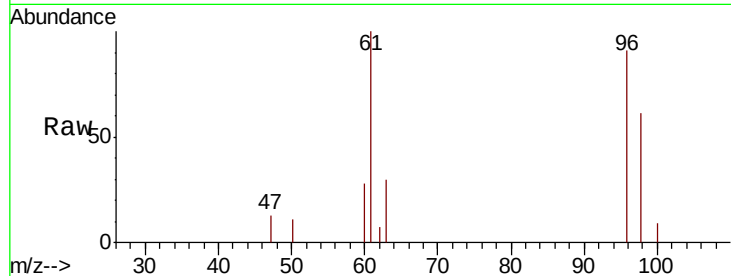
Tot Ion: 96 Resp: 2181

Ion Ratio Lower Upper

96 100

61 109.5 92.4 171.6

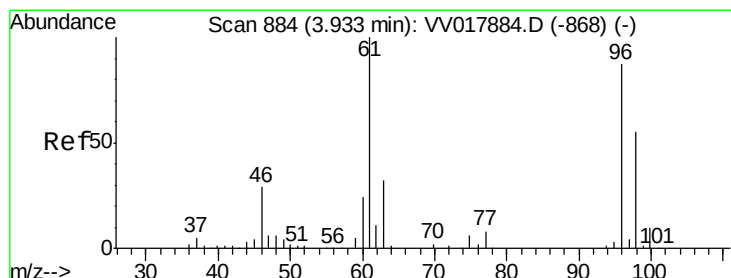
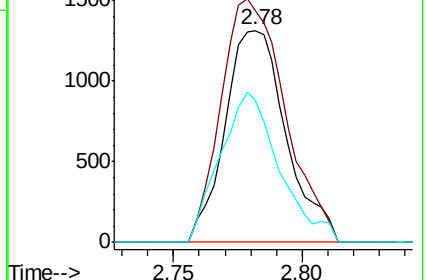
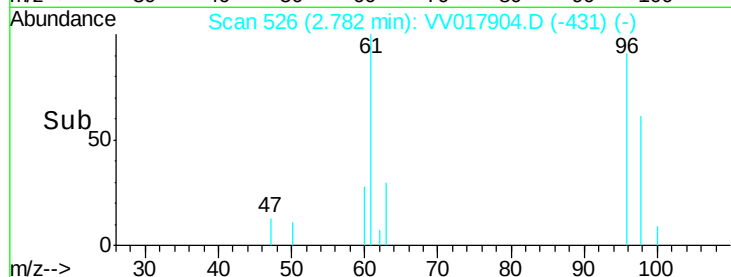
98 66.9 47.5 88.1



Abundance Ion 96.00 (95.70 to 96.70): VV017904.D (-431) (-)

Ion 61.00 (60.70 to 61.70): VV017904.D (-431) (-)

Ion 98.00 (97.70 to 98.70): VV017904.D (-431) (-)



#20

cis-1,2-Dichloroethene

Concen: 69.399 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017904.D

Acq: 10 Aug 2020 18:27

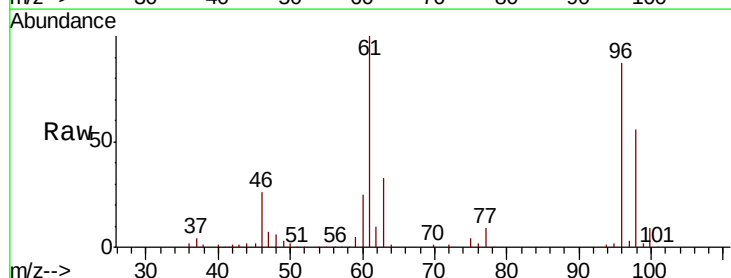
Tgt Ion: 96 Resp: 111110

Ion Ratio Lower Upper

96 100

61 114.7 84.4 156.8

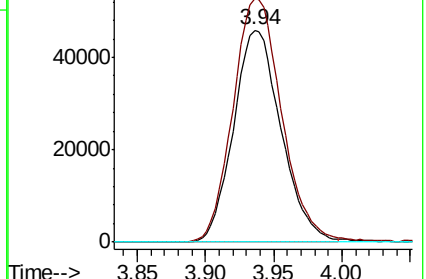
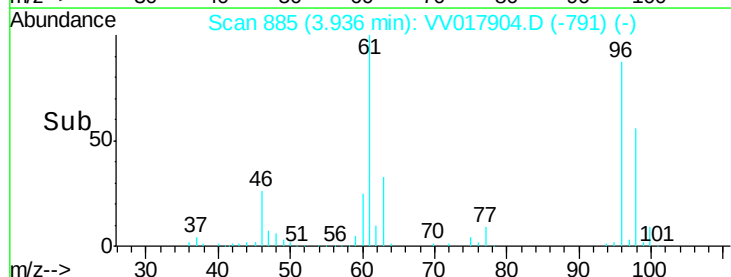
68 0.0 0.0 0.0

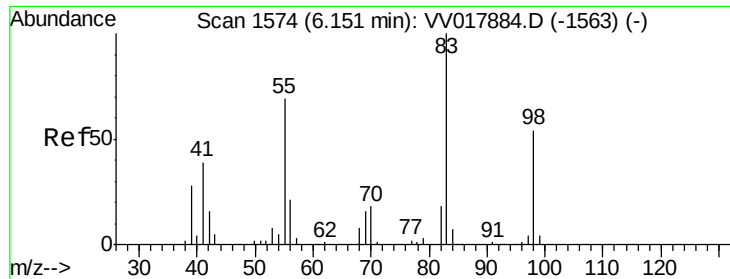


Abundance Ion 96.00 (95.70 to 96.70): VV017904.D (-791) (-)

Ion 61.00 (60.70 to 61.70): VV017904.D (-791) (-)

Ion 68.00 (67.70 to 68.70): VV017904.D (-791) (-)

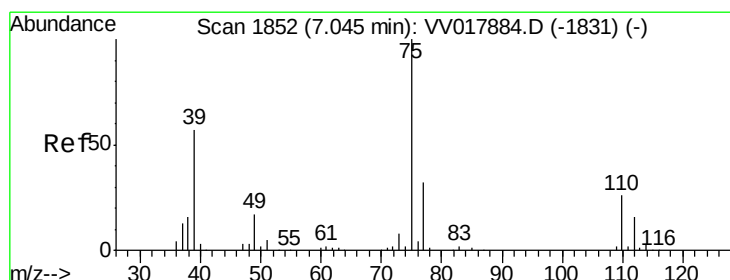
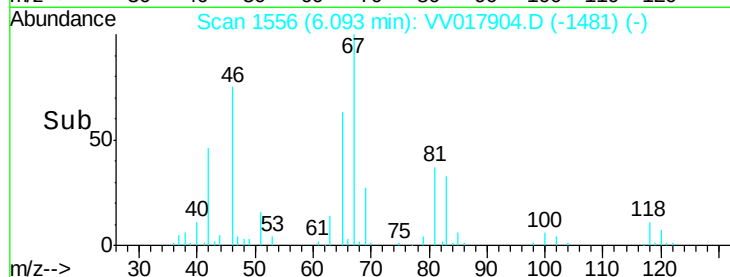
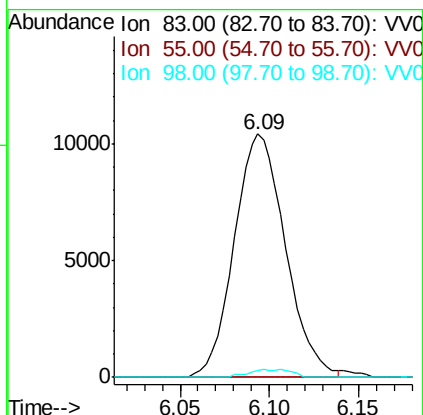
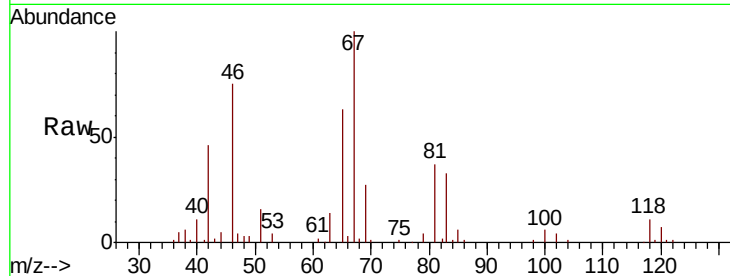




#35
Methylcyclohexane
Concen: 8.844 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017904.D
Acq: 10 Aug 2020 18:27

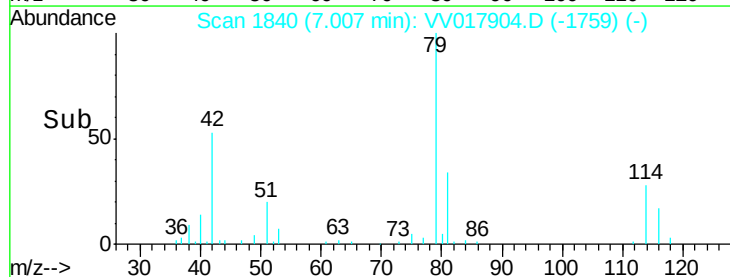
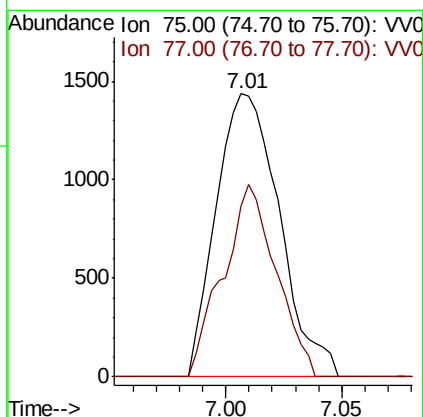
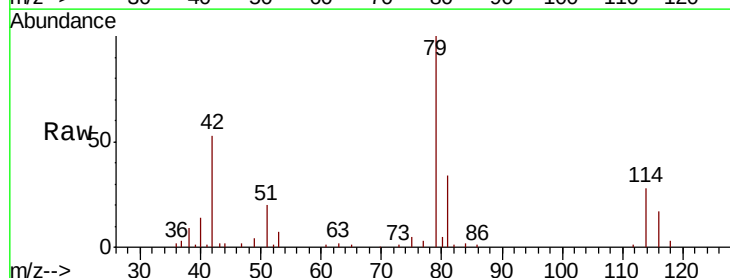
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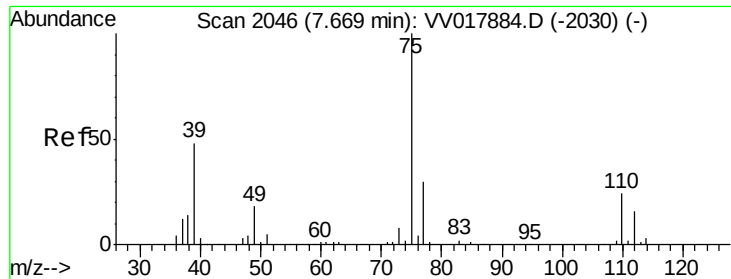
Tot Ion: 83 Resp: 20799
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 1.4 41.1 61.7#



#39
cis-1,3-Dichloropropene
Concen: 1.326 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017904.D
Acq: 10 Aug 2020 18:27

Tgt Ion: 75 Resp: 2726
Ion Ratio Lower Upper
75 100
77 60.3 23.7 44.1#





#44

trans-1,3-Dichloropropene

Concen: 0.958 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017904.D

Acq: 10 Aug 2020 18:27

Instrument :

MSVOA_V

ClientSampleId :

F2L79DL

Tot Ion: 75 Resp: 2070

Ion Ratio Lower Upper

75 100

77 35.6 22.3 41.5

