

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017376.D
 Acq On : 07 Jul 2020 14:14
 Operator : SY/MD
 Sample : VIBLK45
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 08 01:35:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:30:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160065	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	154805	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77282	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43861	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	37511	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.13	63	70929	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.93	46	107598	43.95	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.90%
24) Chloroform-d	4.38	84	102942	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.06	65	56819	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.08	84	184560	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.10	67	52189	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.34	98	165342	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
45) trans-1,3-Dichloropropene-	7.65	79	21286	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
48) 2-Hexanone-d5	8.11	63	70368	36.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36334	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	71186	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

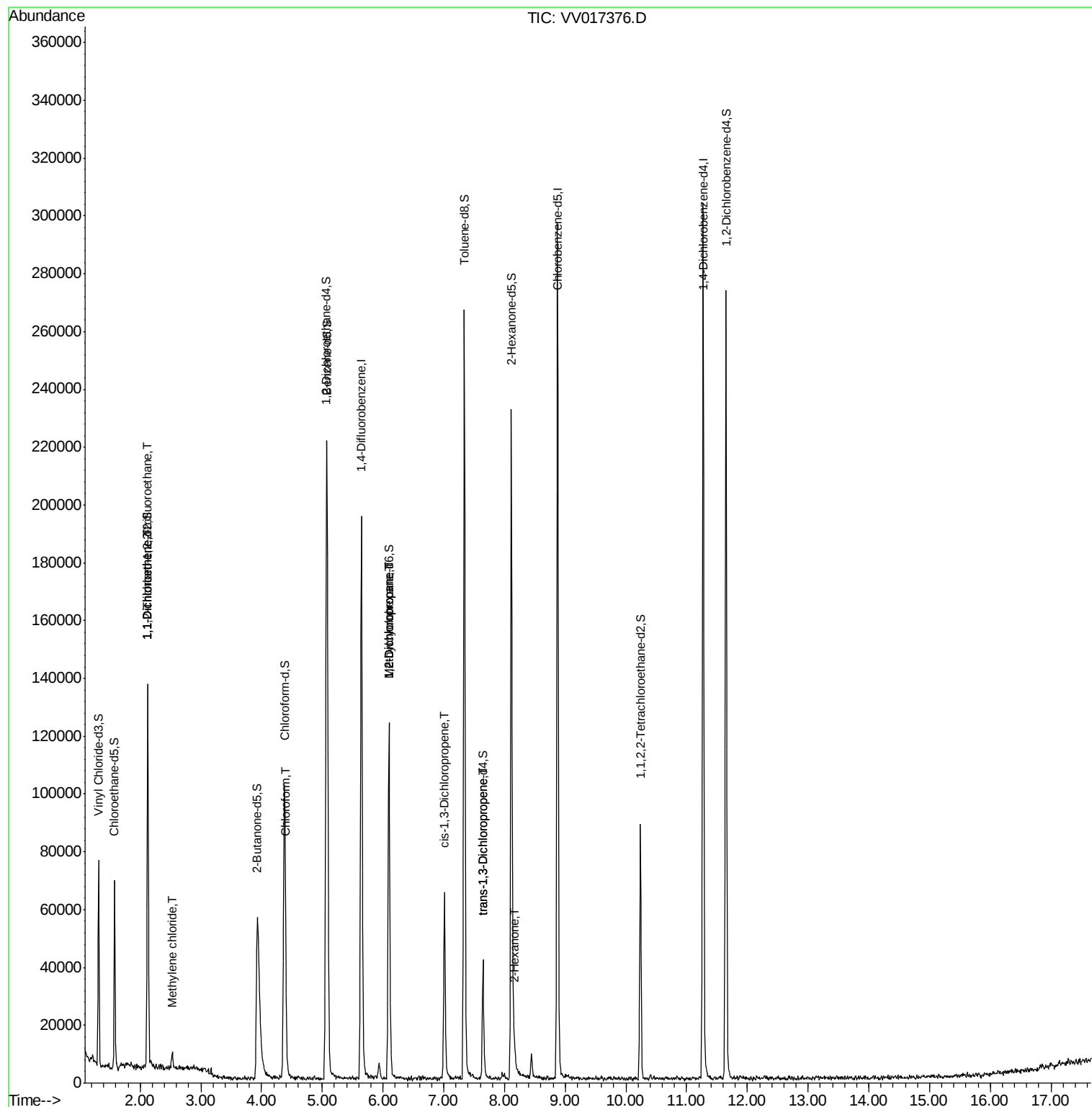
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	669	0.079	ug/L #	26
12) 1,1-Dichloroethene	2.13	96	934	0.122	ug/L #	1
16) Methylene chloride	2.53	84	2298	0.279	ug/L	82
25) Chloroform	4.40	83	2902	0.145	ug/L #	64
35) Methylcyclohexane	6.09	83	14407	0.781	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7395	0.737	ug/L #	85
39) cis-1,3-Dichloropropene	7.02	75	1690	0.113	ug/L #	68
46) trans-1,3-Dichloropropene	7.64	75	890	0.069	ug/L #	77
50) 2-Hexanone	8.16	43	3802	0.922	ug/L #	94

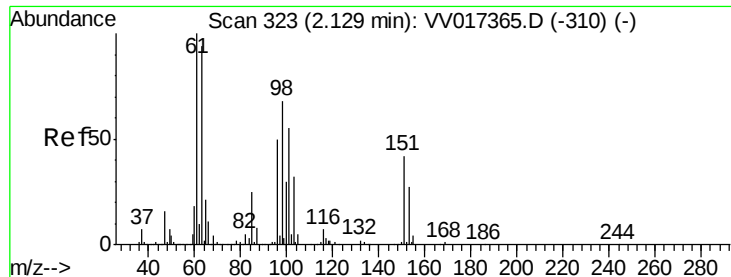
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 01:30:57 2020
Response via : Initial Calibration





#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017376.D

Acq: 07 Jul 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

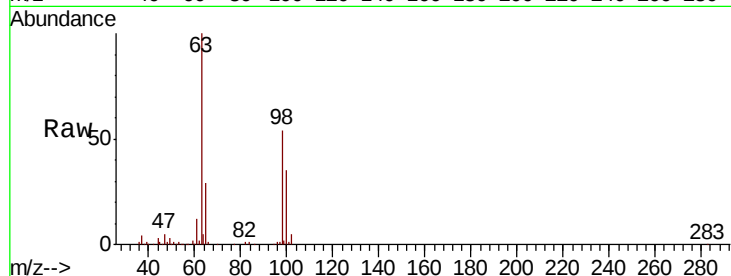
Tot Ion:101 Resp: 669

Ion Ratio Lower Upper

101 100

85 6.4 35.4 53.2#

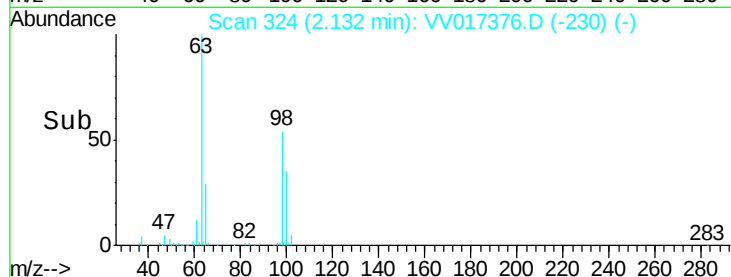
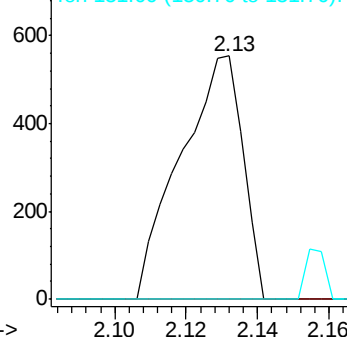
151 6.4 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.122 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017376.D

Acq: 07 Jul 2020 14:14

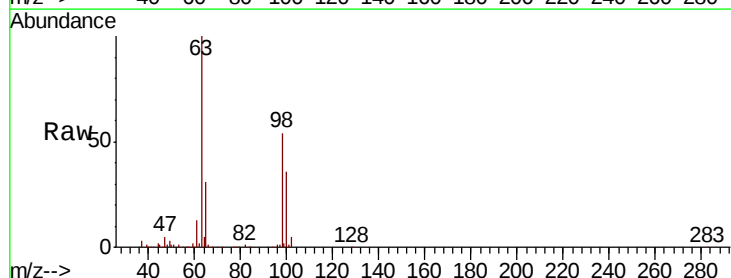
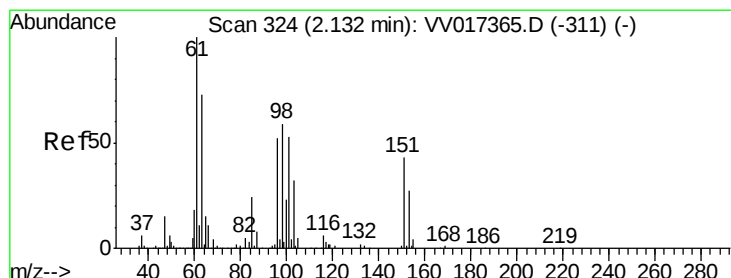
Tgt Ion: 96 Resp: 934

Ion Ratio Lower Upper

96 100

61 1190.7 125.0 232.2#

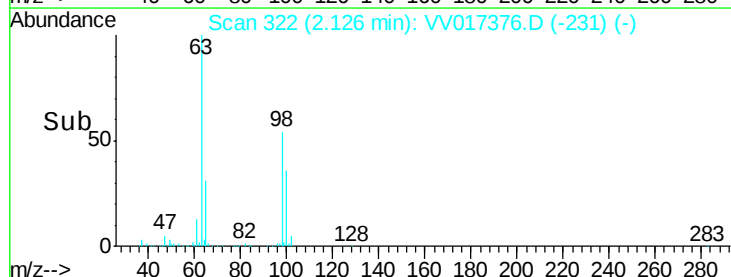
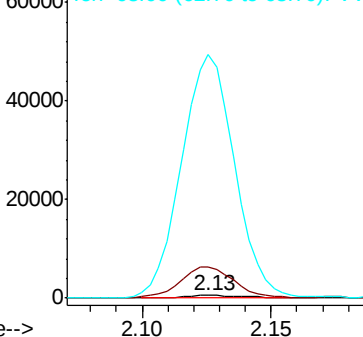
63 9378.4 109.8 203.8#

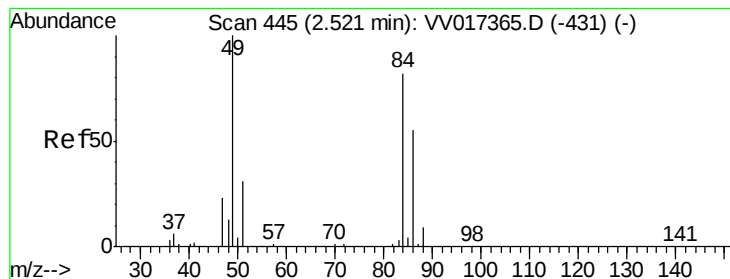


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methylene chloride

Concen: 0.279 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV017376.D

Acq: 07 Jul 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

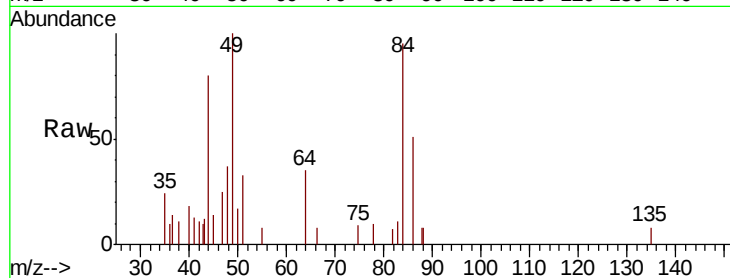
Tot Ion: 84 Resp: 2298

Ion Ratio Lower Upper

84 100

86 53.6 45.8 85.0

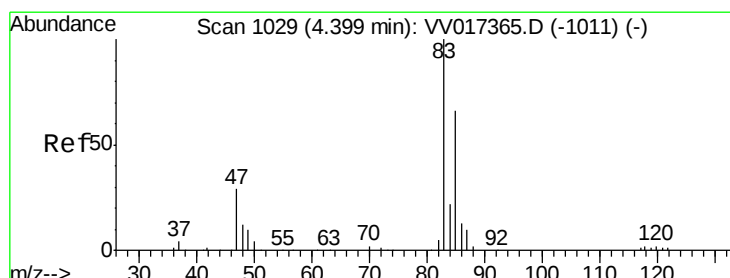
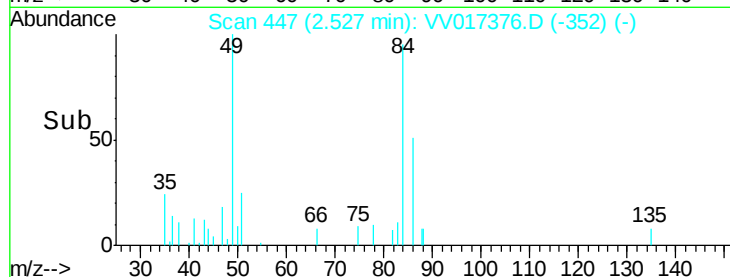
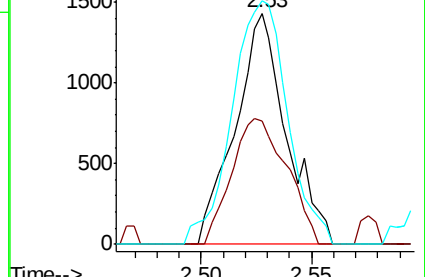
49 105.4 89.6 166.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#25

Chloroform

Concen: 0.145 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017376.D

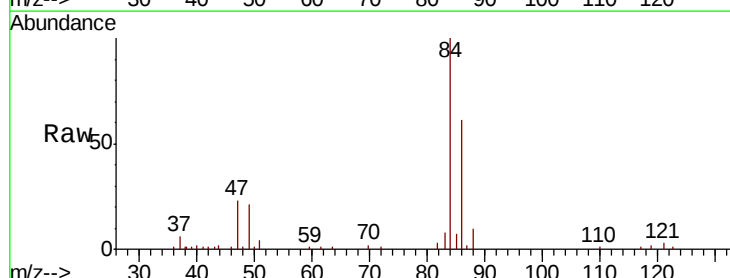
Acq: 07 Jul 2020 14:14

Tgt Ion: 83 Resp: 2902

Ion Ratio Lower Upper

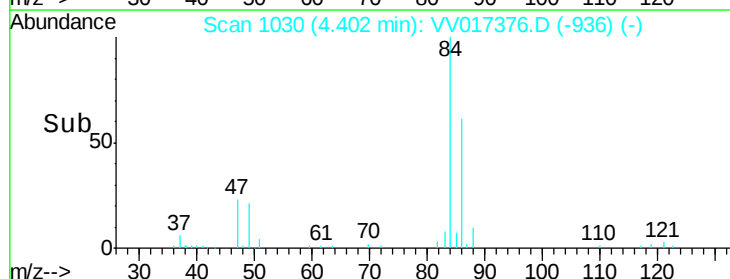
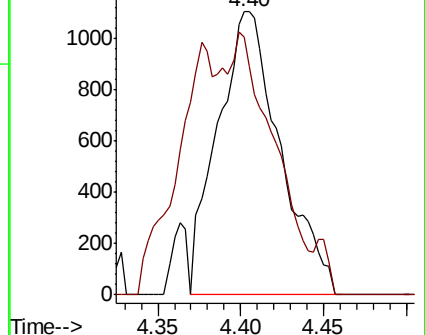
83 100

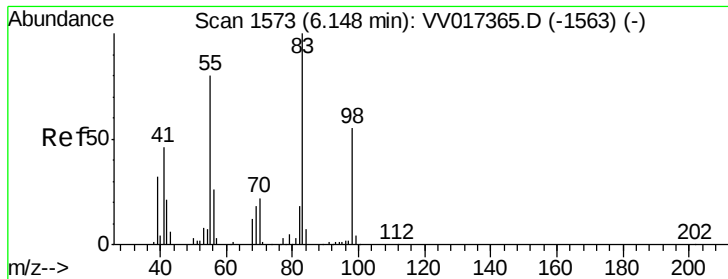
85 90.9 44.2 82.2#



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#35

Methylcyclohexane

Concen: 0.781 ug/L

RT: 6.09 min Scan# 1556

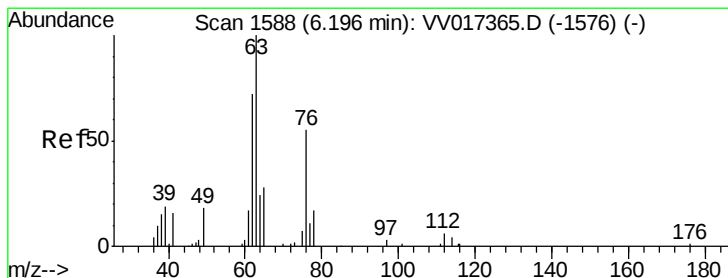
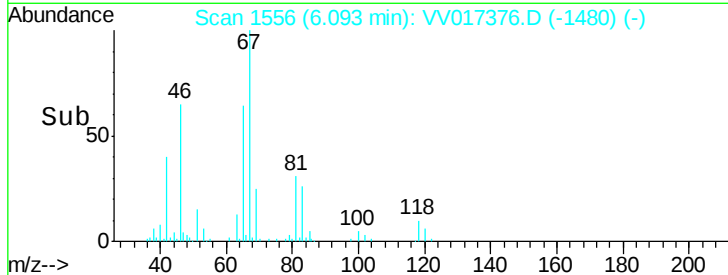
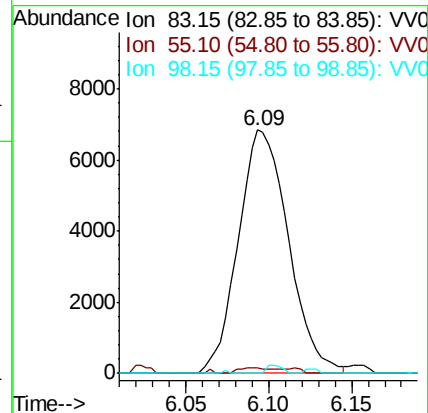
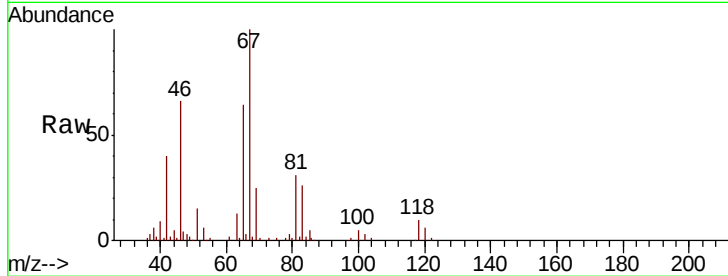
Delta R.T. -0.05 min

Lab File: VV017376.D

Acq: 07 Jul 2020 14:14

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	83	Resp	14407
Ion	Ratio	Lower	Upper
83	100		
55	1.2	63.6	95.4#
98	1.0	38.8	58.2#



#37

1,2-Dichloropropane

Concen: 0.737 ug/L

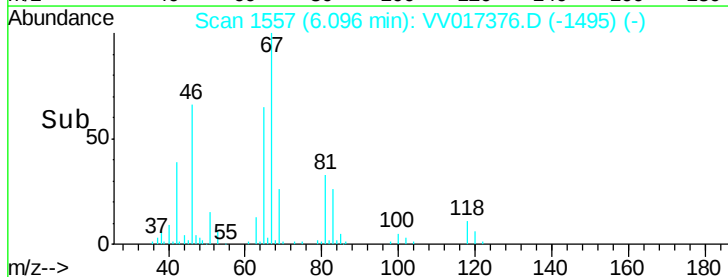
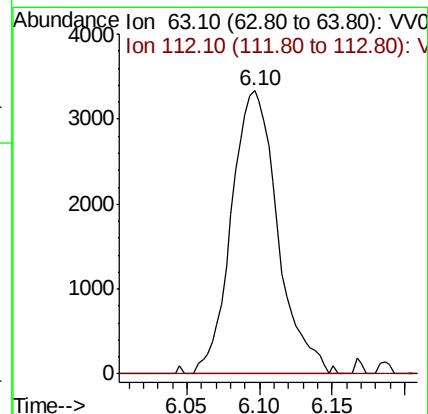
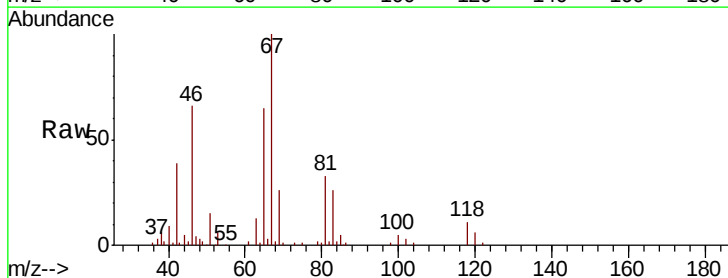
RT: 6.10 min Scan# 1557

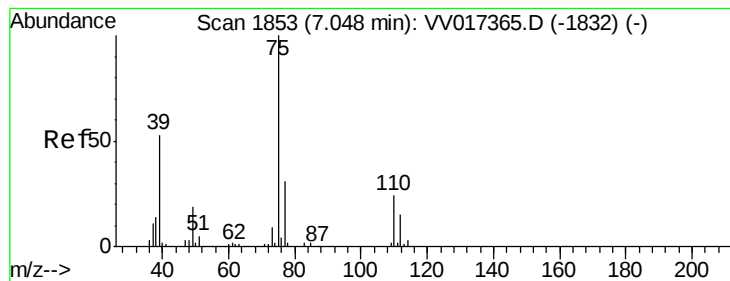
Delta R.T. -0.10 min

Lab File: VV017376.D

Acq: 07 Jul 2020 14:14

Tgt Ion	63	Resp	7395
Ion	Ratio	Lower	Upper
63	100		
112	0.6	4.4	6.6#



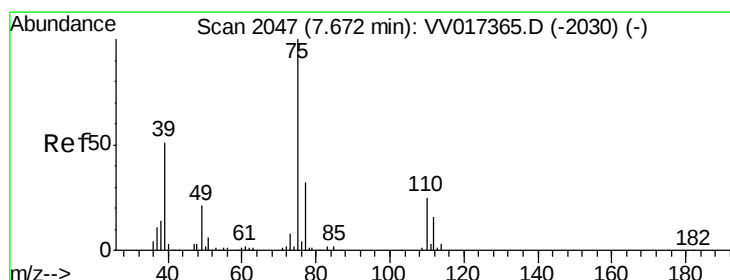
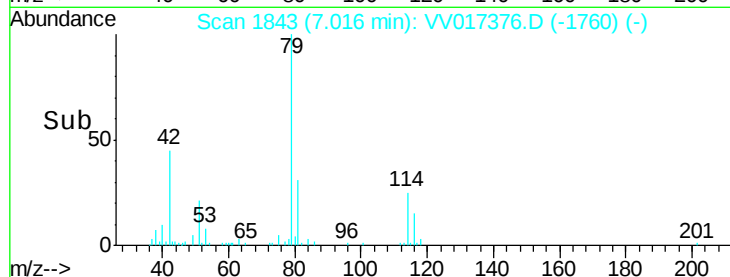
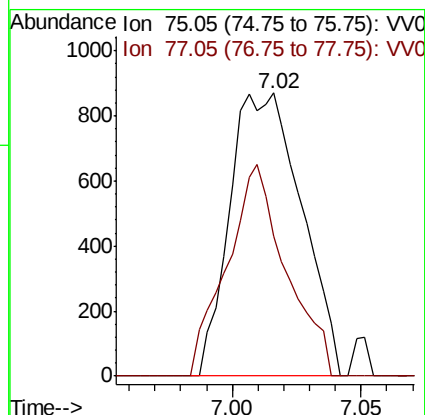
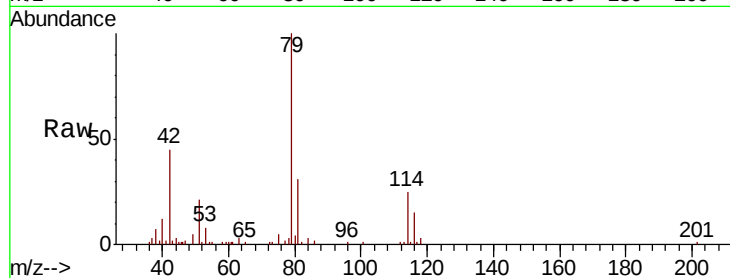


#39

cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.02 min Scan# 1843
Delta R.T. -0.03 min
Lab File: VV017376.D
Acq: 07 Jul 2020 14:14

Instrument :
MSVOA_V
ClientSampleId :

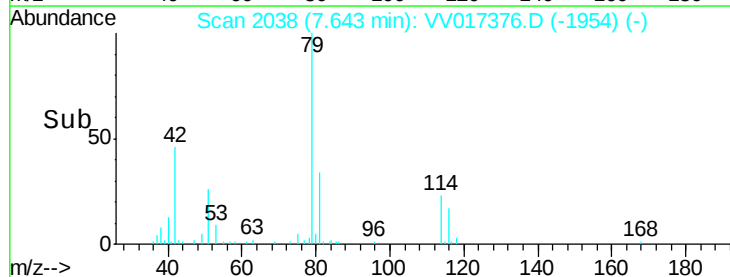
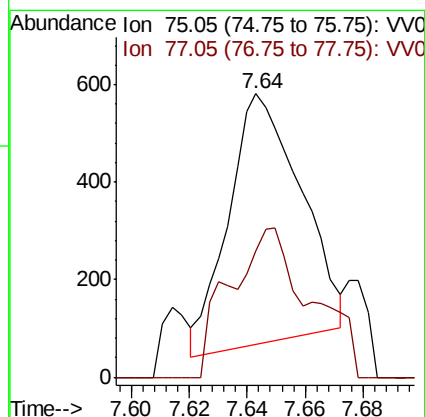
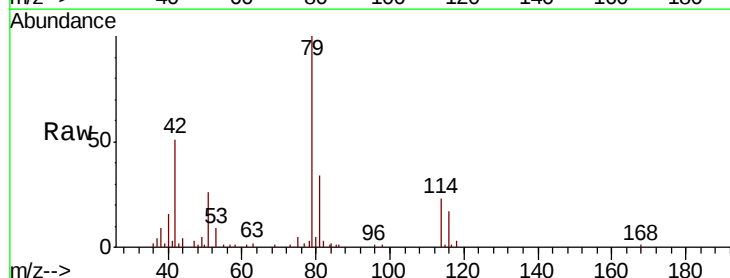
Tot Ion: 75 Resp: 1690
Ion Ratio Lower Upper
75 100
77 49.5 22.3 41.5#

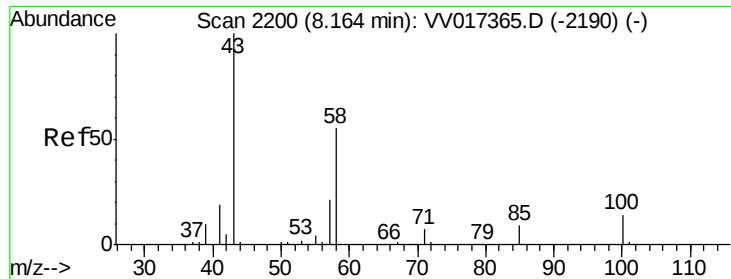


#46

trans-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017376.D
Acq: 07 Jul 2020 14:14

Tgt Ion: 75 Resp: 890
Ion Ratio Lower Upper
75 100
77 44.6 22.3 41.3#

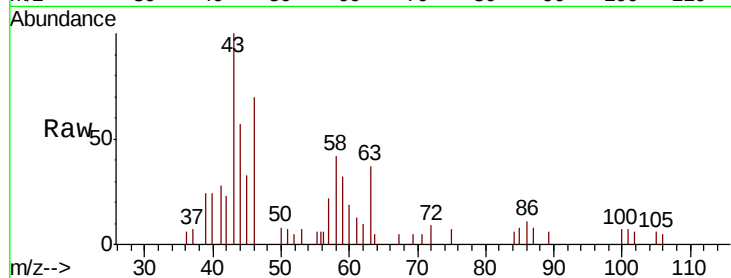




#50
 2-Hexanone
 Concen: 0.922 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VV017376.D
 Acq: 07 Jul 2020 14:14

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	3802
Ion	Ratio	Lower	Upper
43	100		
58	54.3	41.6	62.4
57	27.7	15.4	23.0#
100	12.3	10.1	15.1



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0

