

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017301.D
 Acq On : 02 Jul 2020 11:24
 Operator : SY/MD
 Sample : L3150-08DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 01:15:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 01:13:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	175350	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	169791	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75254	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47827	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	35372	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.13	63	71669	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.92	46	98361	36.67	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.34%
24) Chloroform-d	4.37	84	98981	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.06	65	52687	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.07	84	177279	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.09	67	51204	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.60%
41) Toluene-d8	7.33	98	159143	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
45) trans-1,3-Dichloropropene-	7.64	79	20600	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
48) 2-Hexanone-d5	8.11	63	59892	28.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33430	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	59790	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

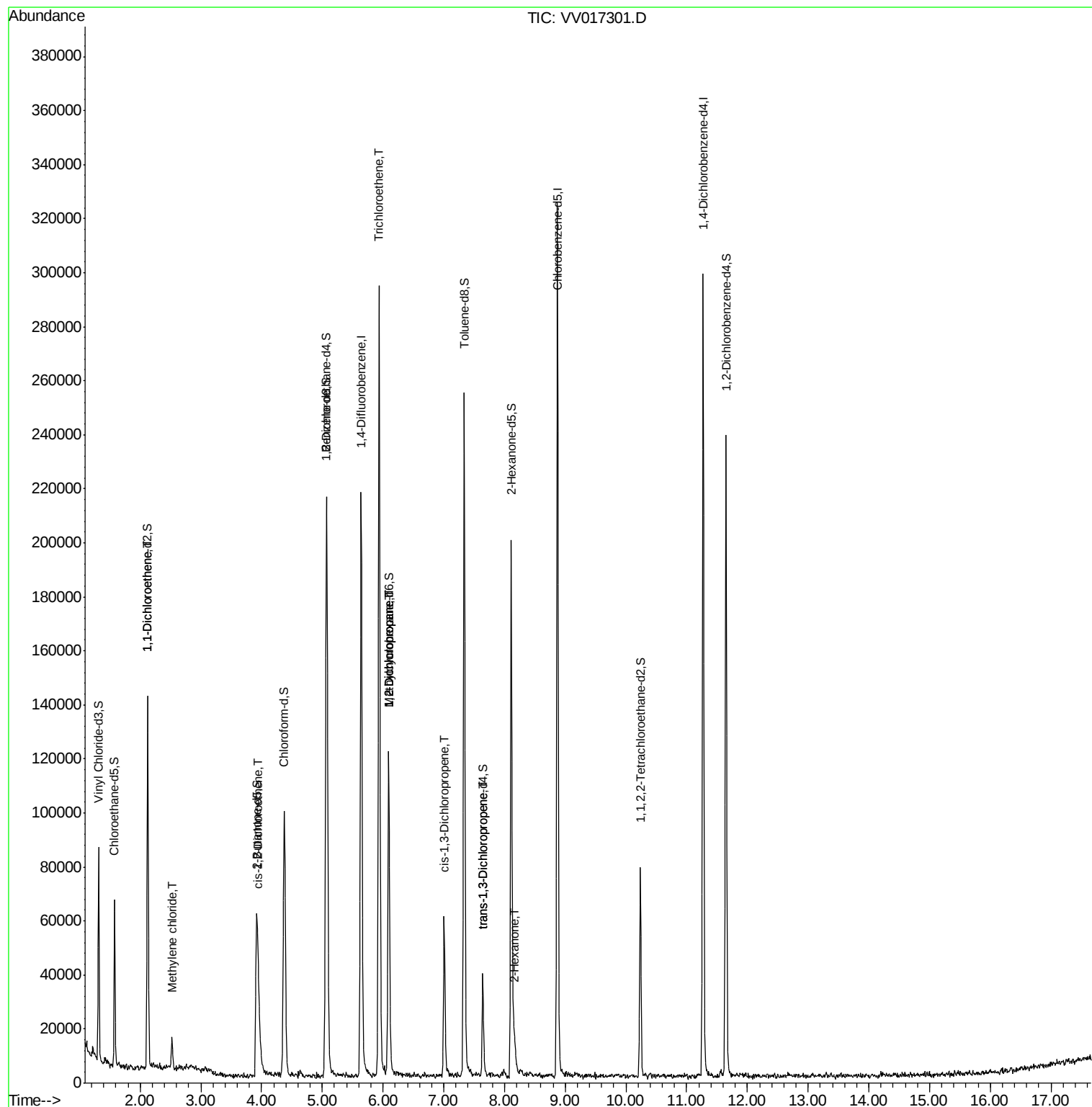
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	900	0.107	ug/L #	1
16) Methylene chloride	2.52	84	4431	0.492	ug/L	95
22) cis-1,2-Dichloroethene	3.95	96	4154	0.341	ug/L	91
34) Trichloroethene	5.94	95	96593	7.419	ug/L	99
35) Methylcyclohexane	6.09	83	15017	0.742	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7061	0.641	ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1750	0.107	ug/L #	57
46) trans-1,3-Dichloropropene	7.65	75	1313	0.093	ug/L #	43
50) 2-Hexanone	8.16	43	7126	1.576	ug/L #	87

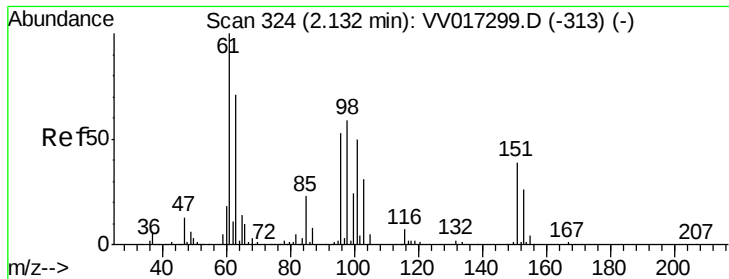
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.107 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017301.D

Acq: 02 Jul 2020 11:24

Instrument :
MSVOA_V
ClientSampleId :

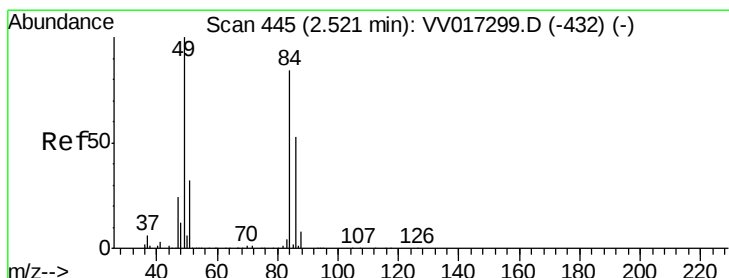
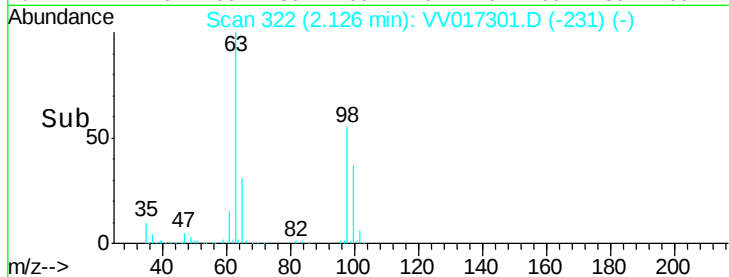
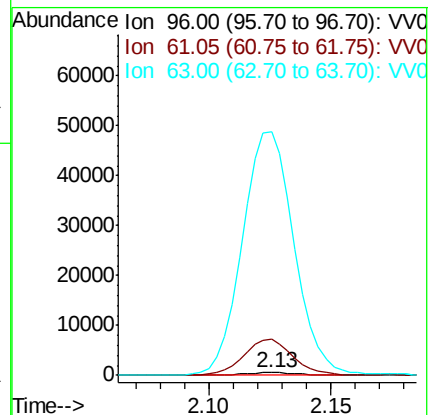
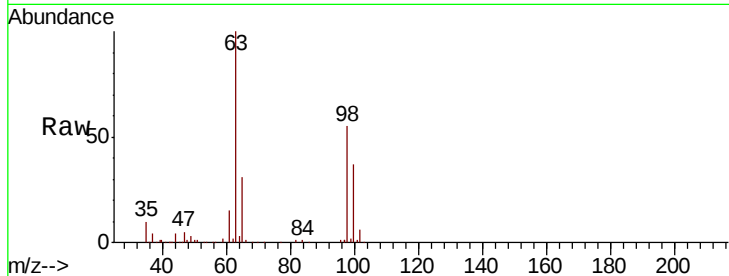
Tot Ion: 96 Resp: 900

Ion Ratio Lower Upper

96 100

61 1312.4 125.0 232.2#

63 8906.6 109.8 203.8#



#16

Methylene chloride

Concen: 0.492 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017301.D

Acq: 02 Jul 2020 11:24

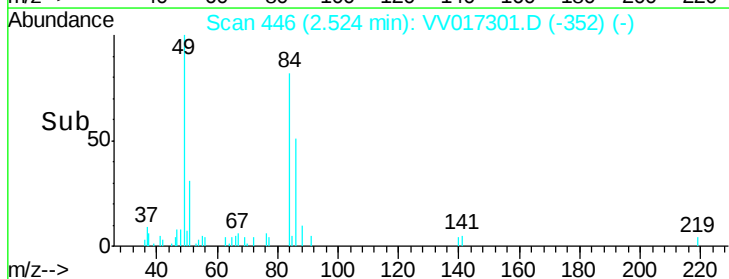
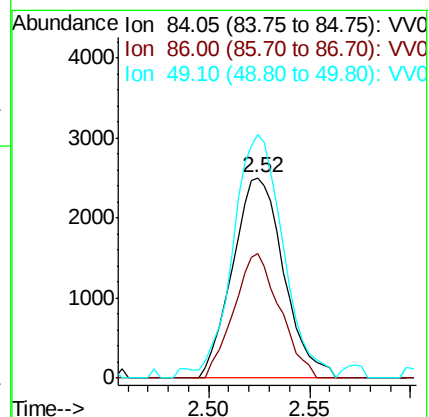
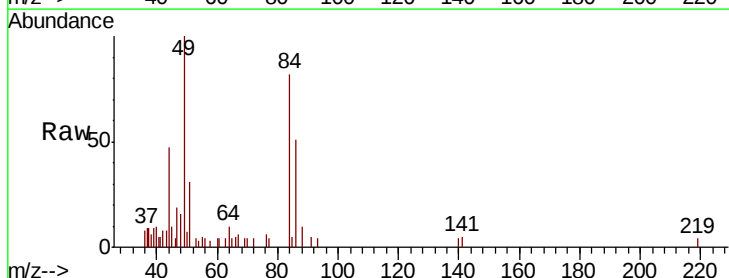
Tgt Ion: 84 Resp: 4431

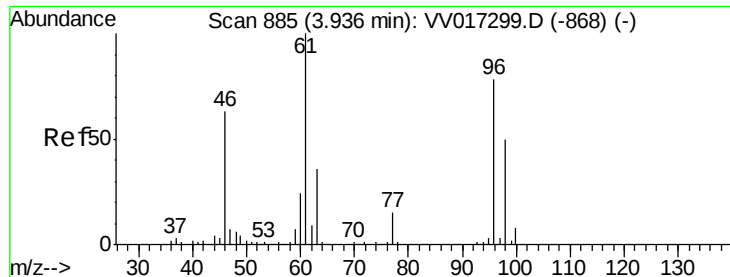
Ion Ratio Lower Upper

84 100

86 62.0 45.8 85.0

49 121.3 89.6 166.4



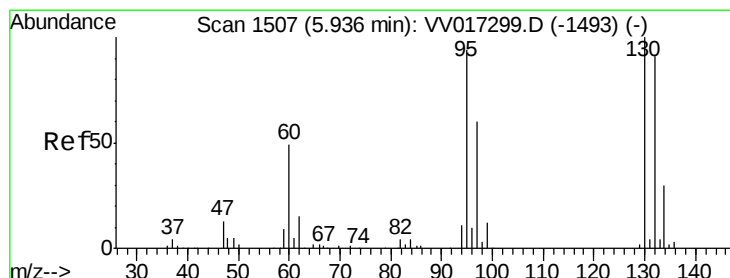
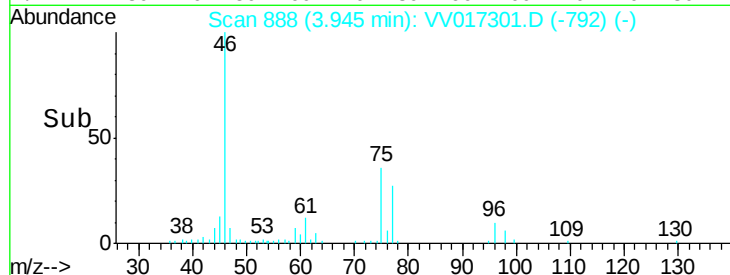
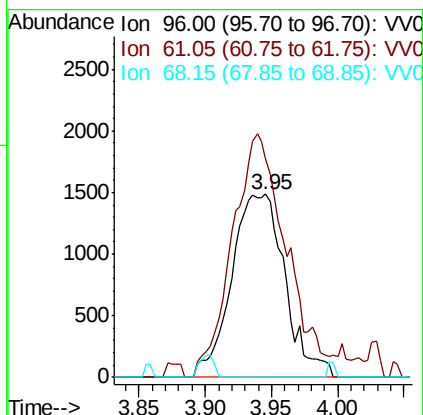
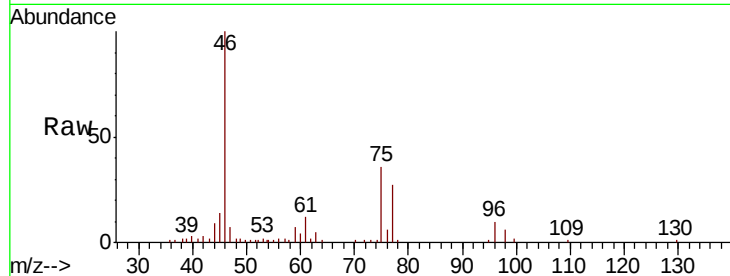


#22

cis-1,2-Dichloroethene
Concen: 0.341 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV017301.D
Acq: 02 Jul 2020 11:24

Instrument :
MSVOA_V
ClientSampled :

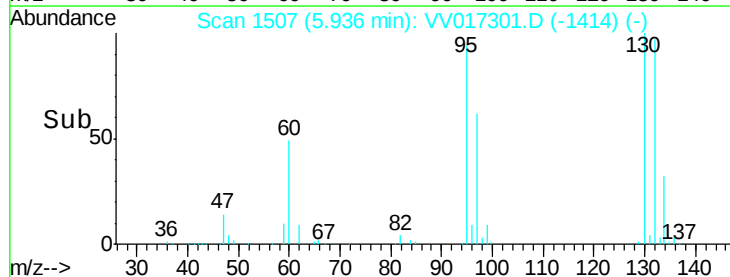
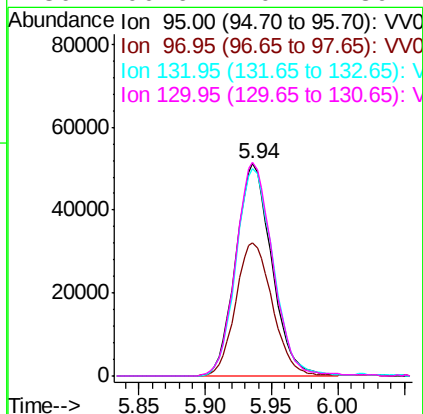
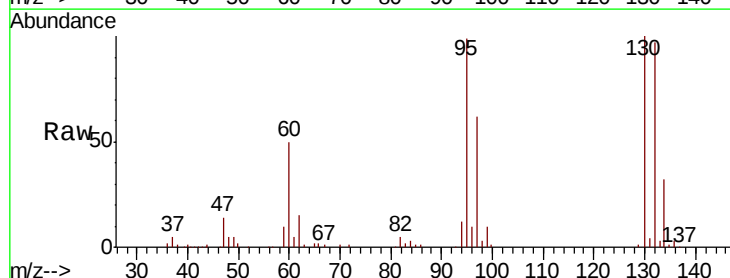
Tot Ion: 96 Resp: 4154
Ion Ratio Lower Upper
96 100
61 119.6 91.0 169.0
68 0.0 0.0 0.0

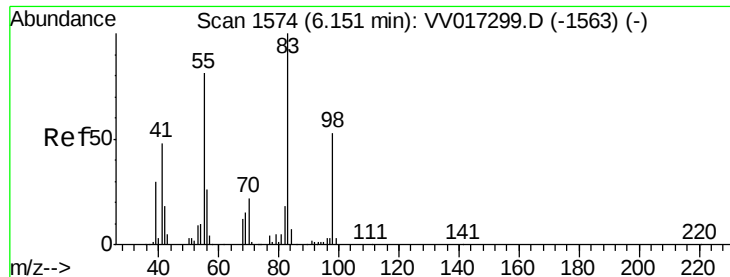


#34

Trichloroethene
Concen: 7.419 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV017301.D
Acq: 02 Jul 2020 11:24

Tgt Ion: 95 Resp: 96593
Ion Ratio Lower Upper
95 100
97 62.7 45.3 84.1
132 97.7 68.8 127.8
130 100.6 70.2 130.4





#35

Methylcyclohexane

Concen: 0.742 ug/L

RT: 6.09 min Scan# 1555

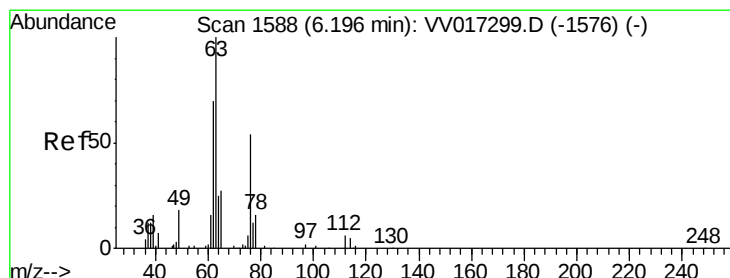
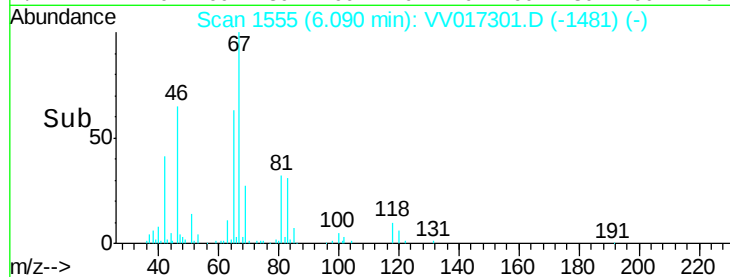
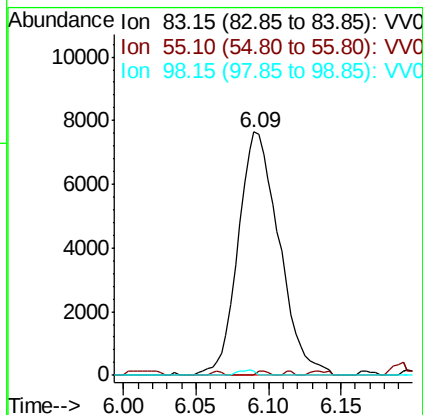
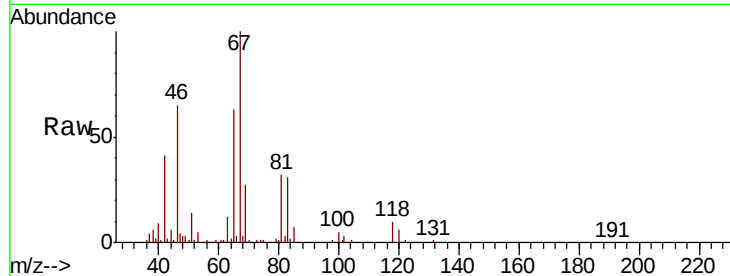
Delta R.T. -0.06 min

Lab File: VV017301.D

Acq: 02 Jul 2020 11:24

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	83	Resp:	15017
Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.6	95.4#
98	0.9	38.8	58.2#



#37

1,2-Dichloropropane

Concen: 0.641 ug/L

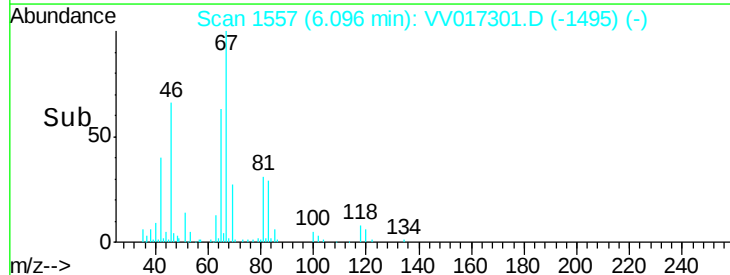
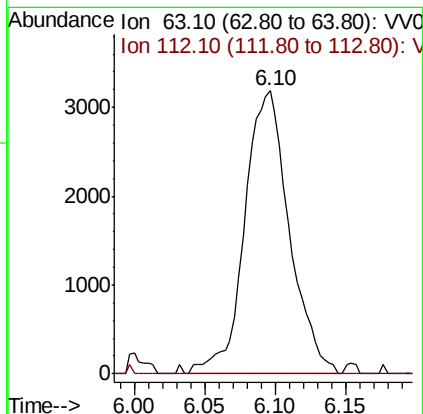
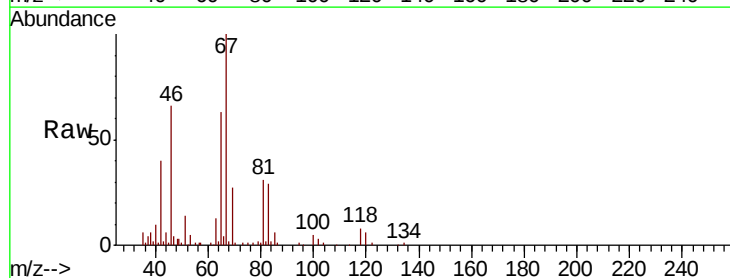
RT: 6.10 min Scan# 1557

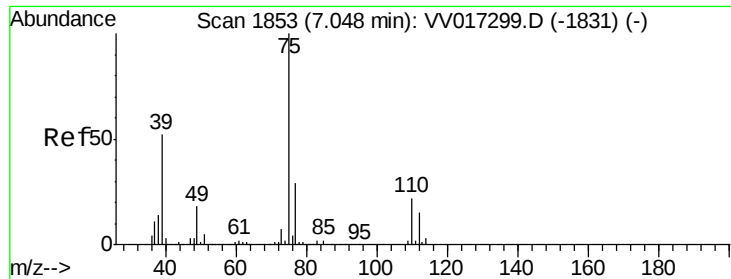
Delta R.T. -0.10 min

Lab File: VV017301.D

Acq: 02 Jul 2020 11:24

Tgt Ion:	63	Resp:	7061
Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.4	6.6#



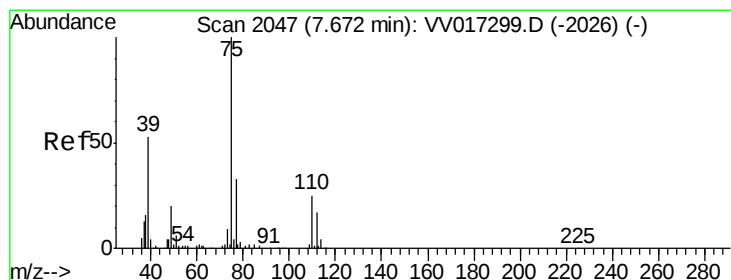
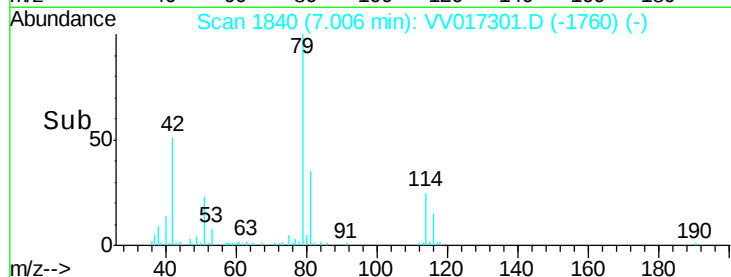
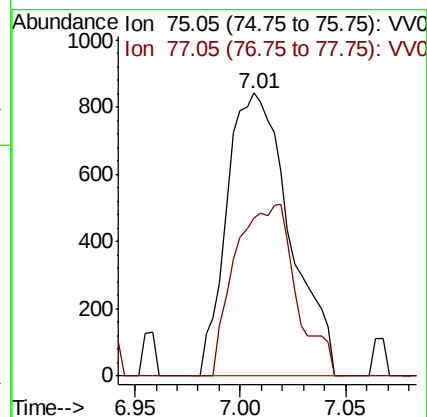
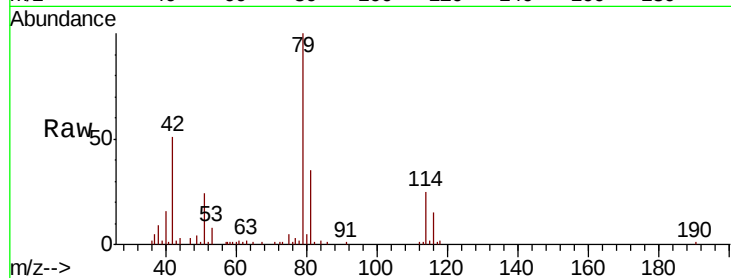


#39

cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017301.D
 Acq: 02 Jul 2020 11:24

Instrument :
 MSVOA_V
 ClientSampleId :

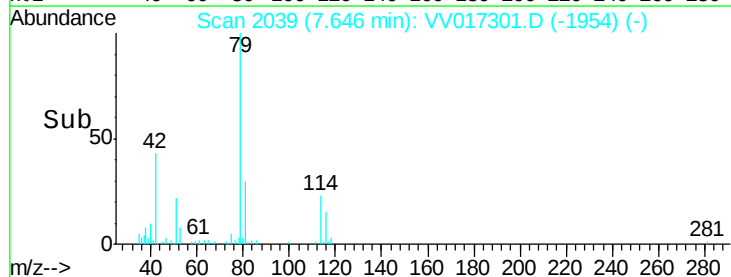
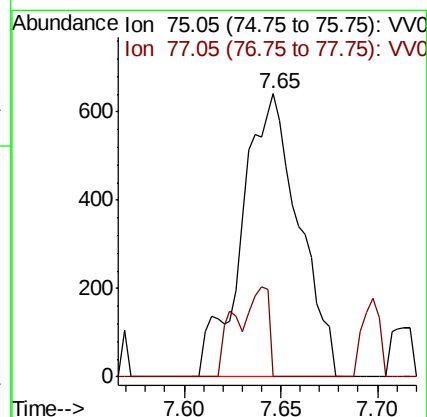
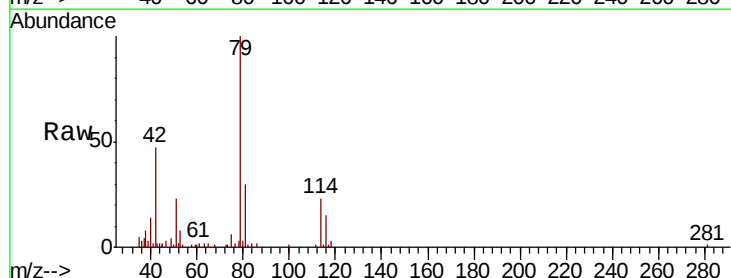
Tot Ion: 75 Resp: 1750
 Ion Ratio Lower Upper
 75 100
 77 55.8 22.3 41.5#

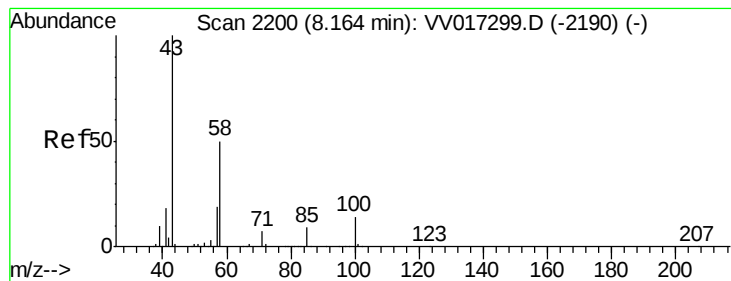


#46

trans-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV017301.D
 Acq: 02 Jul 2020 11:24

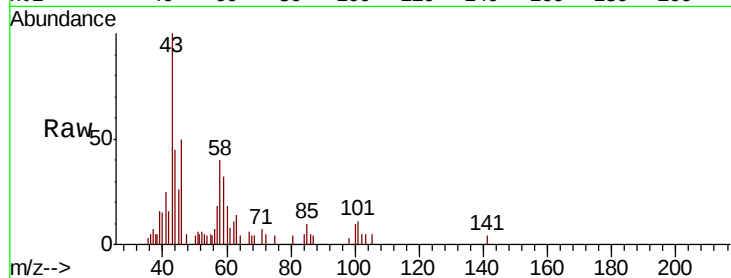
Tgt Ion: 75 Resp: 1313
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.3 41.3#





#50
 2-Hexanone
 Concen: 1.576 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VV017301.D
 Acq: 02 Jul 2020 11:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tot Ion:	43	Resp:	7126
Ion	Ratio	Lower	Upper
43	100		
58	39.1	41.6	62.4#
57	17.8	15.4	23.0
100	13.7	10.1	15.1

