

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015434.D
 Acq On : 09 Apr 2020 22:02
 Operator : SY/MD
 Sample : L2188-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 05:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 05:37:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	117664	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54782	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28151	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.57	69	26406	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.12	63	40759	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.97	46	87536	51.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.12%
24) Chloroform-d	4.38	84	62931	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	37020	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.08	84	122124	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.10	67	39958	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	112577	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.65	79	15183	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.12	63	81389	49.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30288	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	42918	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

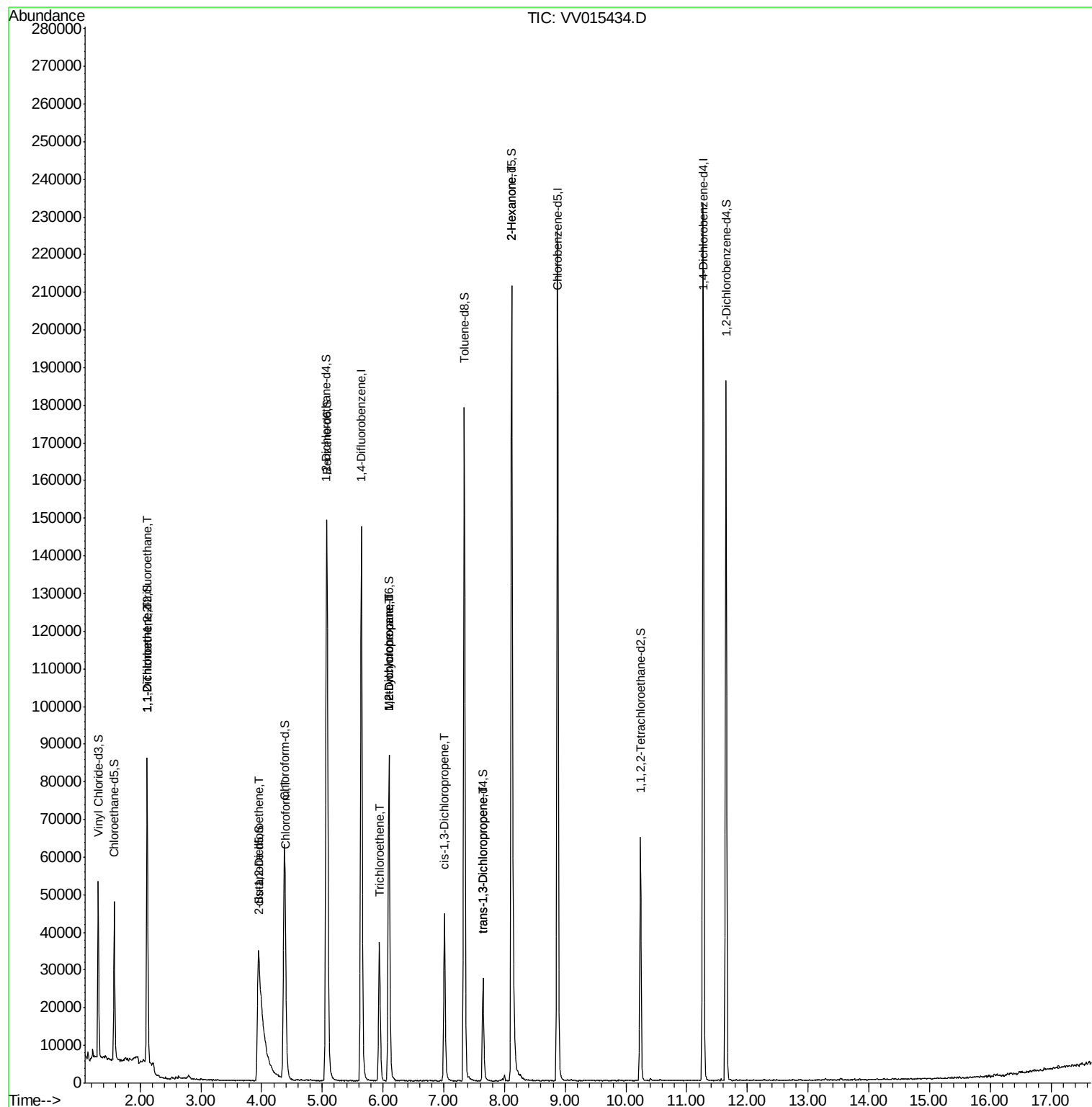
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2264	0.293	ug/L	88
12) 1,1-Dichloroethene	2.12	96	550	0.074	ug/L #	1
22) cis-1,2-Dichloroethene	3.94	96	10805	1.250	ug/L	97
25) Chloroform	4.40	83	5294	0.330	ug/L	97
34) Trichloroethene	5.94	95	13498	1.490	ug/L	94
35) Methylcyclohexane	6.10	83	9749	0.639	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4634	0.555	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1248	0.097	ug/L #	67
44) trans-1,3-Dichloropropene	7.65	75	615	0.057	ug/L #	71
48) 2-Hexanone	8.12	43	10947	2.859	ug/L #	72

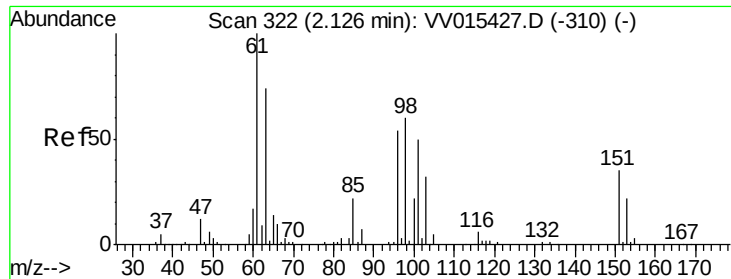
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040920\
Data File : VV015434.D
Acq On : 09 Apr 2020 22:02
Operator : SY/MD
Sample : L2188-06
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 10 05:40:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 10 05:37:21 2020
Response via : Initial Calibration





#10

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

Concen: 0.293 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015434.D

Acq: 09 Apr 2020 22:02

Instrument :

MSVOA_V

ClientSampleId :

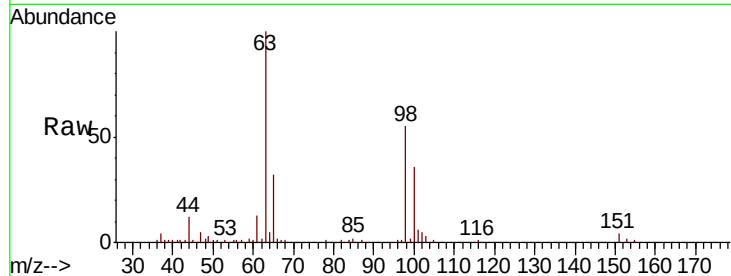
Tot Ion:101 Resp: 2264

Ion Ratio Lower Upper

101 100

85 42.8 36.3 54.5

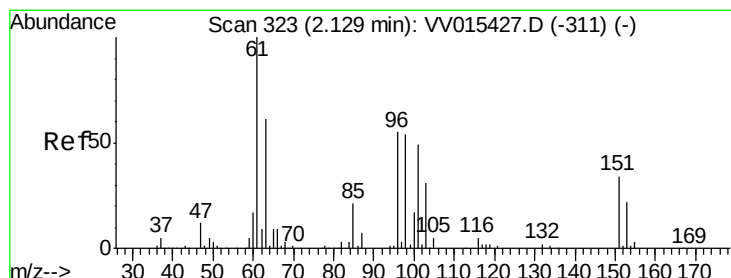
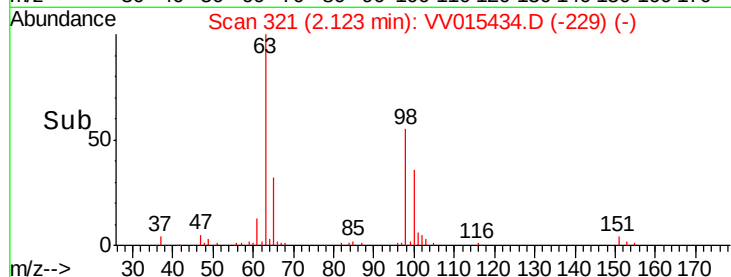
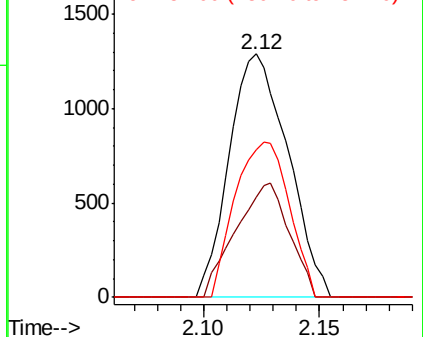
151 58.8 58.2 87.4



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: 0.074 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015434.D

Acq: 09 Apr 2020 22:02

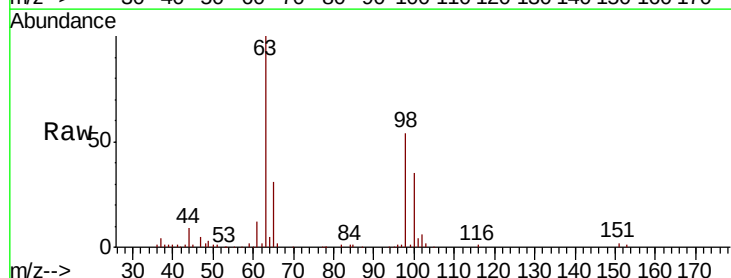
Tgt Ion: 96 Resp: 550

Ion Ratio Lower Upper

96 100

61 892.3 127.7 237.1#

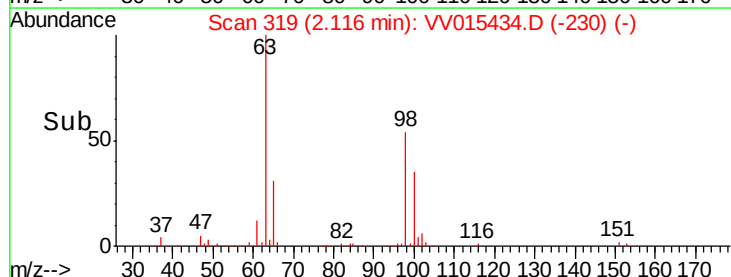
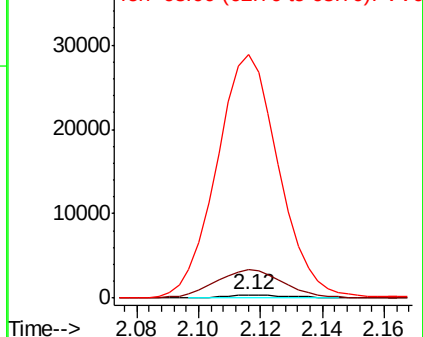
63 7697.1 75.1 139.5#

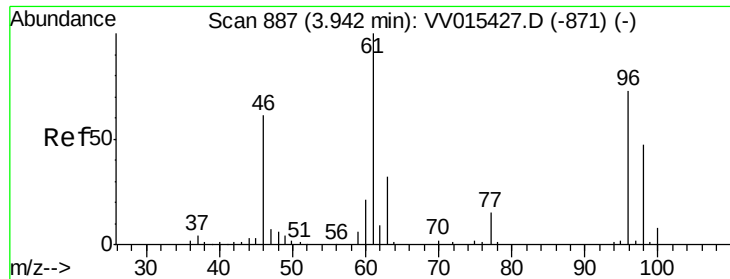


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



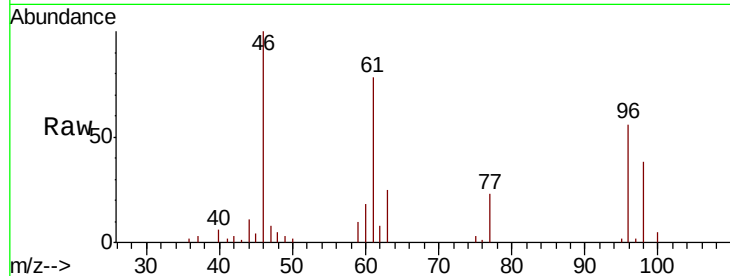


#22

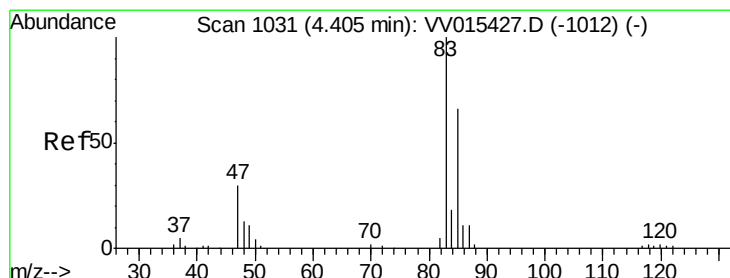
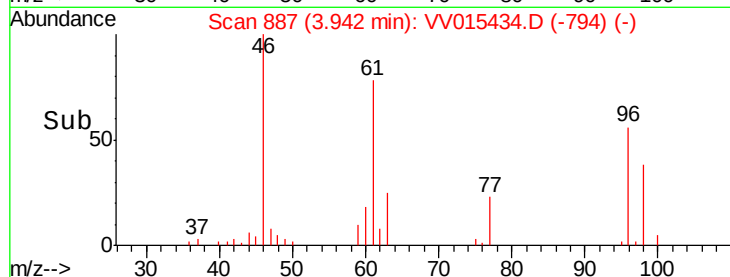
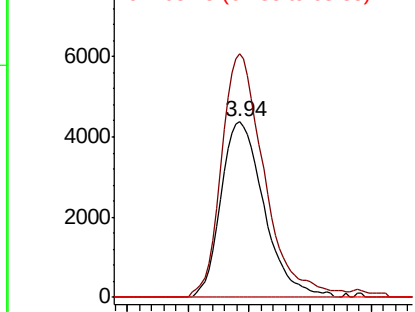
cis-1,2-Dichloroethene
 Concen: 1.250 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV015434.D
 Acq: 09 Apr 2020 22:02

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 96 Resp: 10805
 Ion Ratio Lower Upper
 96 100
 61 138.8 100.0 185.8
 68 0.0 0.0 0.0



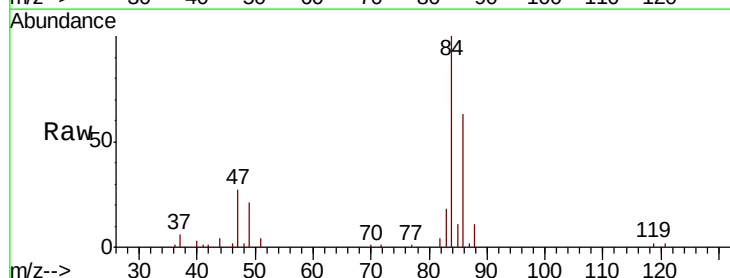
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



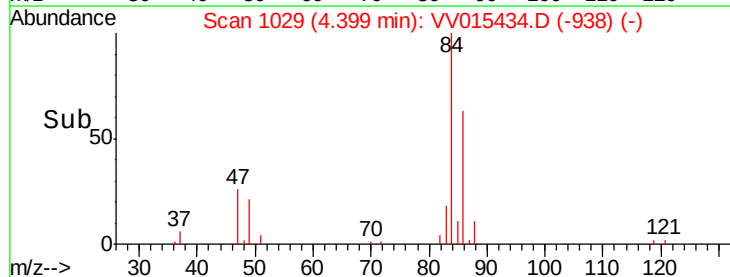
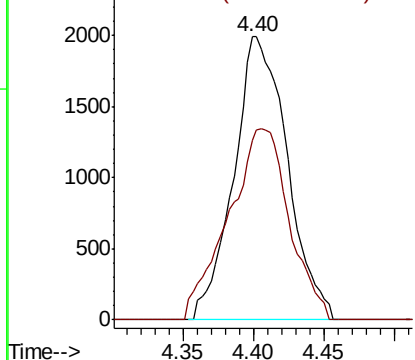
#25

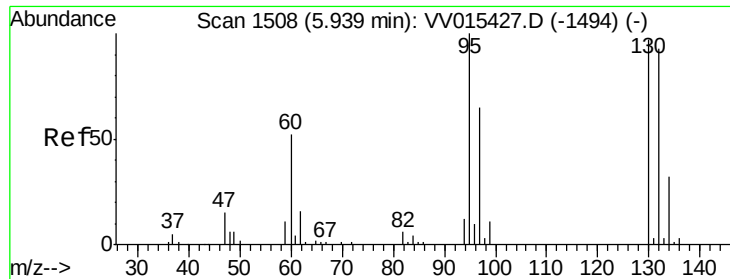
Chloroform
 Concen: 0.330 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VV015434.D
 Acq: 09 Apr 2020 22:02

Tgt Ion: 83 Resp: 5294
 Ion Ratio Lower Upper
 83 100
 85 63.3 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 1.490 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV015434.D

Acq: 09 Apr 2020 22:02

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 13498

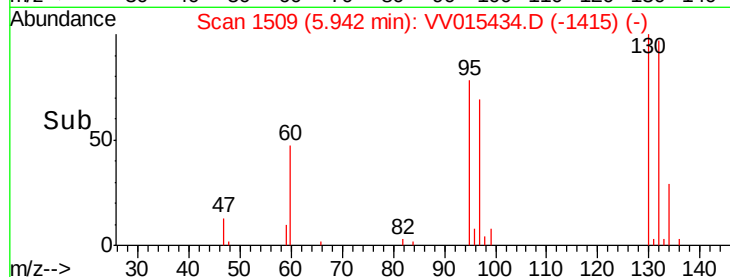
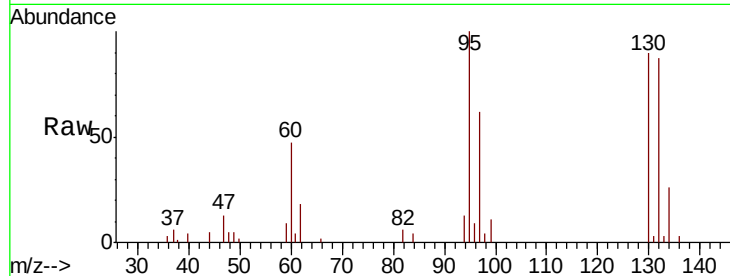
Ion Ratio Lower Upper

95 100

97 62.0 45.4 84.4

132 86.8 64.8 120.4

130 89.8 67.4 125.2



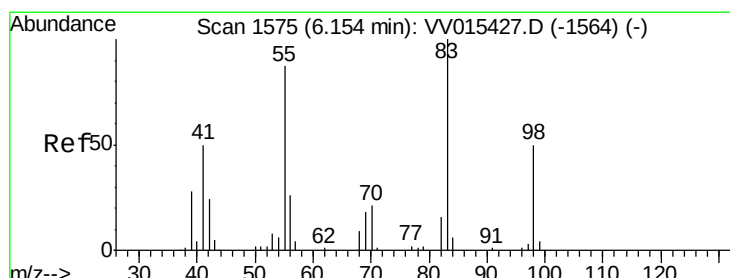
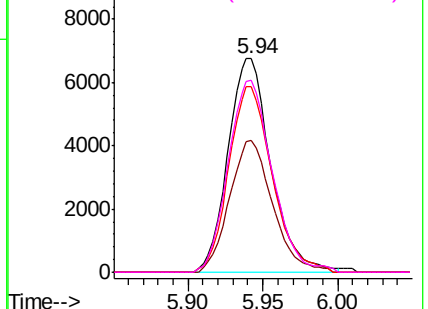
Abundance

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): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.639 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015434.D

Acq: 09 Apr 2020 22:02

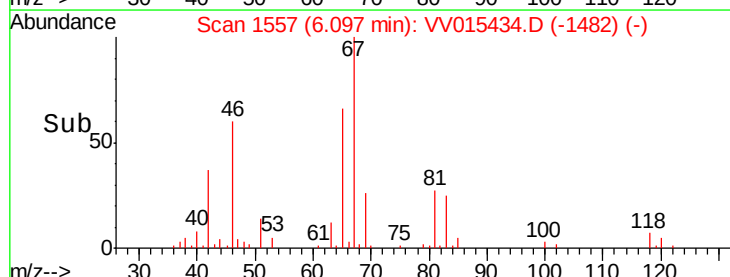
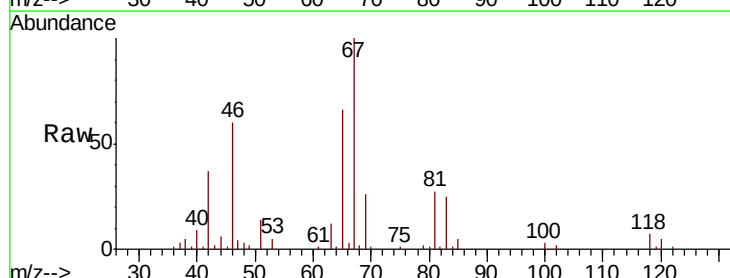
Tgt Ion: 83 Resp: 9749

Ion Ratio Lower Upper

83 100

55 0.4 66.6 99.8#

98 0.5 38.7 58.1#

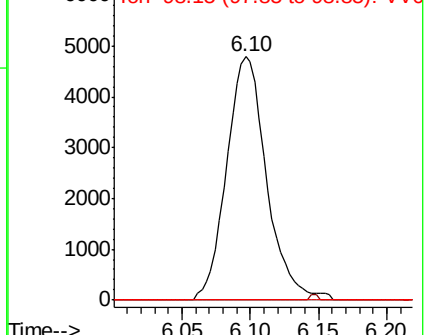


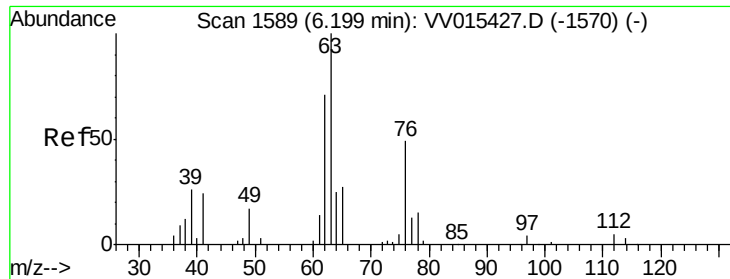
Abundance

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

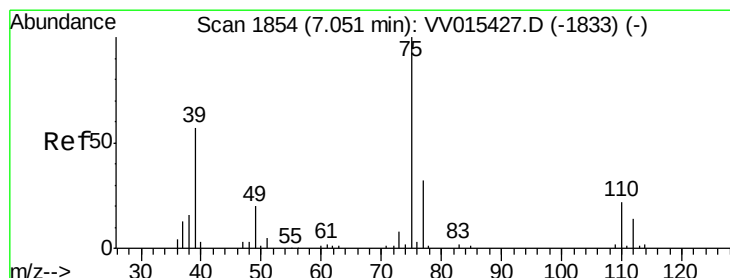
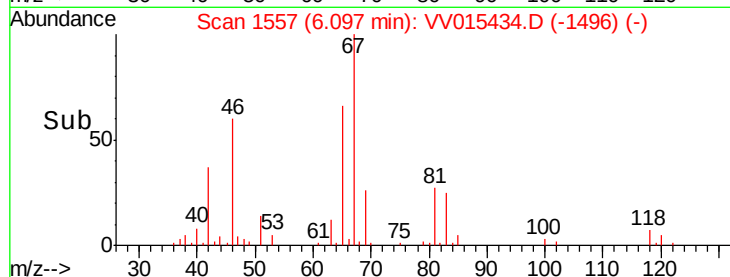
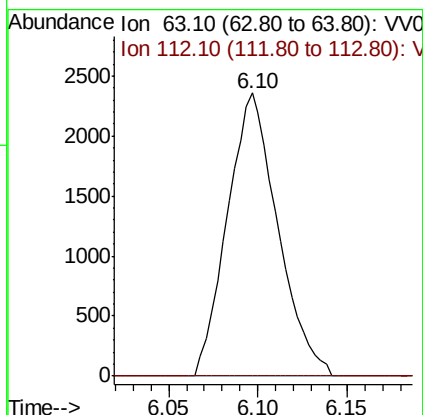
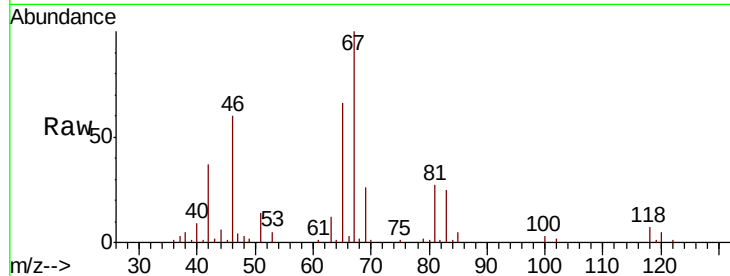




#37
 1,2-Dichloropropane
 Concen: 0.555 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015434.D
 Acq: 09 Apr 2020 22:02

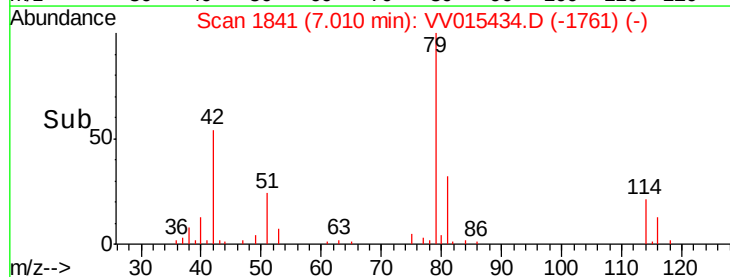
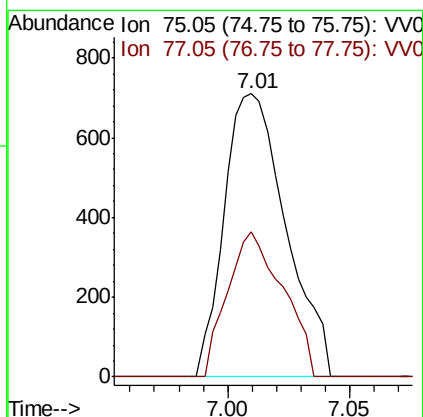
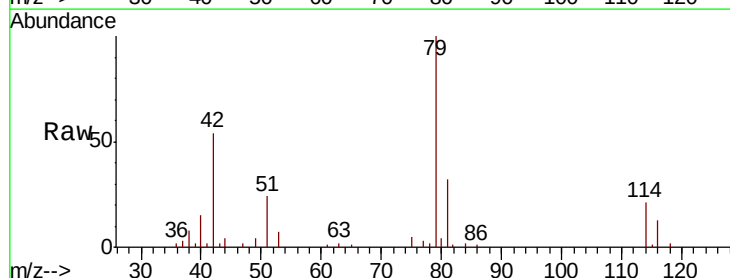
Instrument :
 MSVOA_V
 ClientSampled :

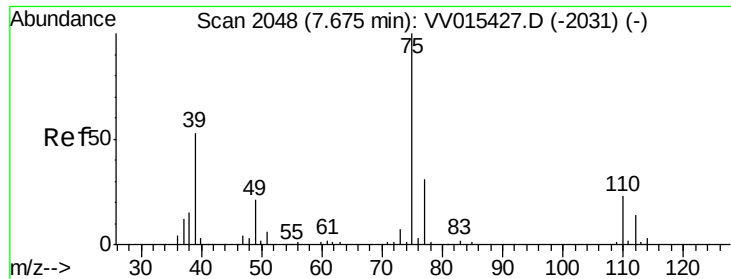
Tot Ion: 63 Resp: 4634
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015434.D
 Acq: 09 Apr 2020 22:02

Tgt Ion: 75 Resp: 1248
 Ion Ratio Lower Upper
 75 100
 77 51.4 23.0 42.6#

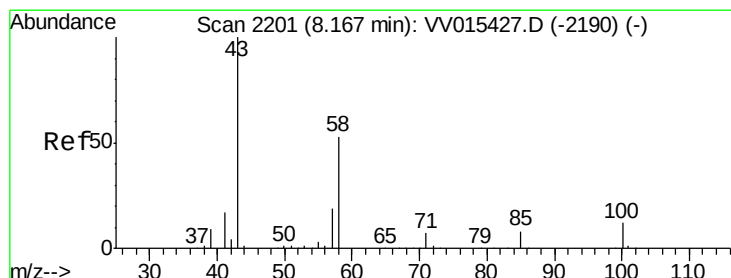
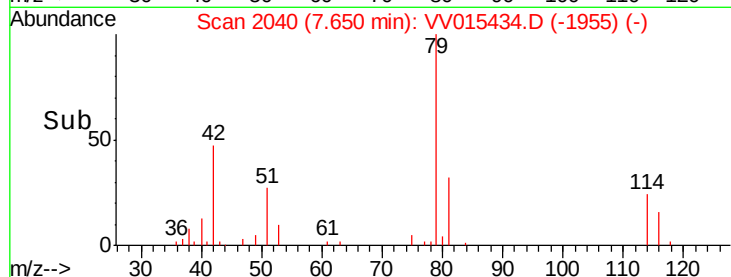
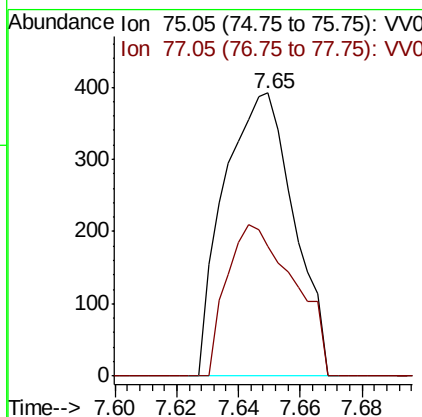
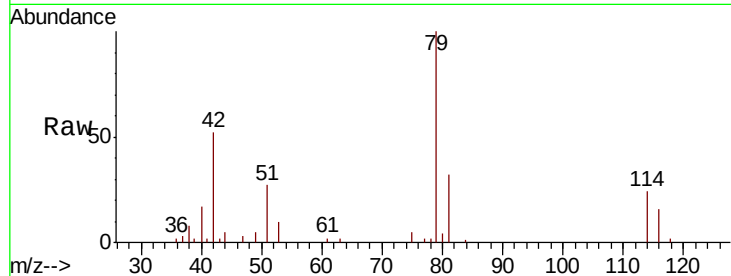




#44
trans-1,3-Dichloropropene
Concen: 0.057 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.03 min
Lab File: VV015434.D
Acq: 09 Apr 2020 22:02

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 615
Ion Ratio Lower Upper
75 100
77 45.9 21.0 39.0#



#48
2-Hexanone
Concen: 2.859 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015434.D
Acq: 09 Apr 2020 22:02

Tgt Ion: 43 Resp: 10947
Ion Ratio Lower Upper
43 100
58 27.9 41.4 62.0#
57 22.3 15.0 22.4
100 0.0 9.4 14.2#

