

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015830.D
 Acq On : 30 Apr 2020 12:32
 Operator : SY/MD
 Sample : L2421-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 01:45:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	125501	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121329	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56555	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36216	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.58	69	32519	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.12	63	54278	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.97	46	95765	45.47	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.94%
24) Chloroform-d	4.38	84	70092	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.06	65	41542	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	140202	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.10	67	43380	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.34	98	125408	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.65	79	15397	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.12	63	69095	39.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29859	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	46317	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

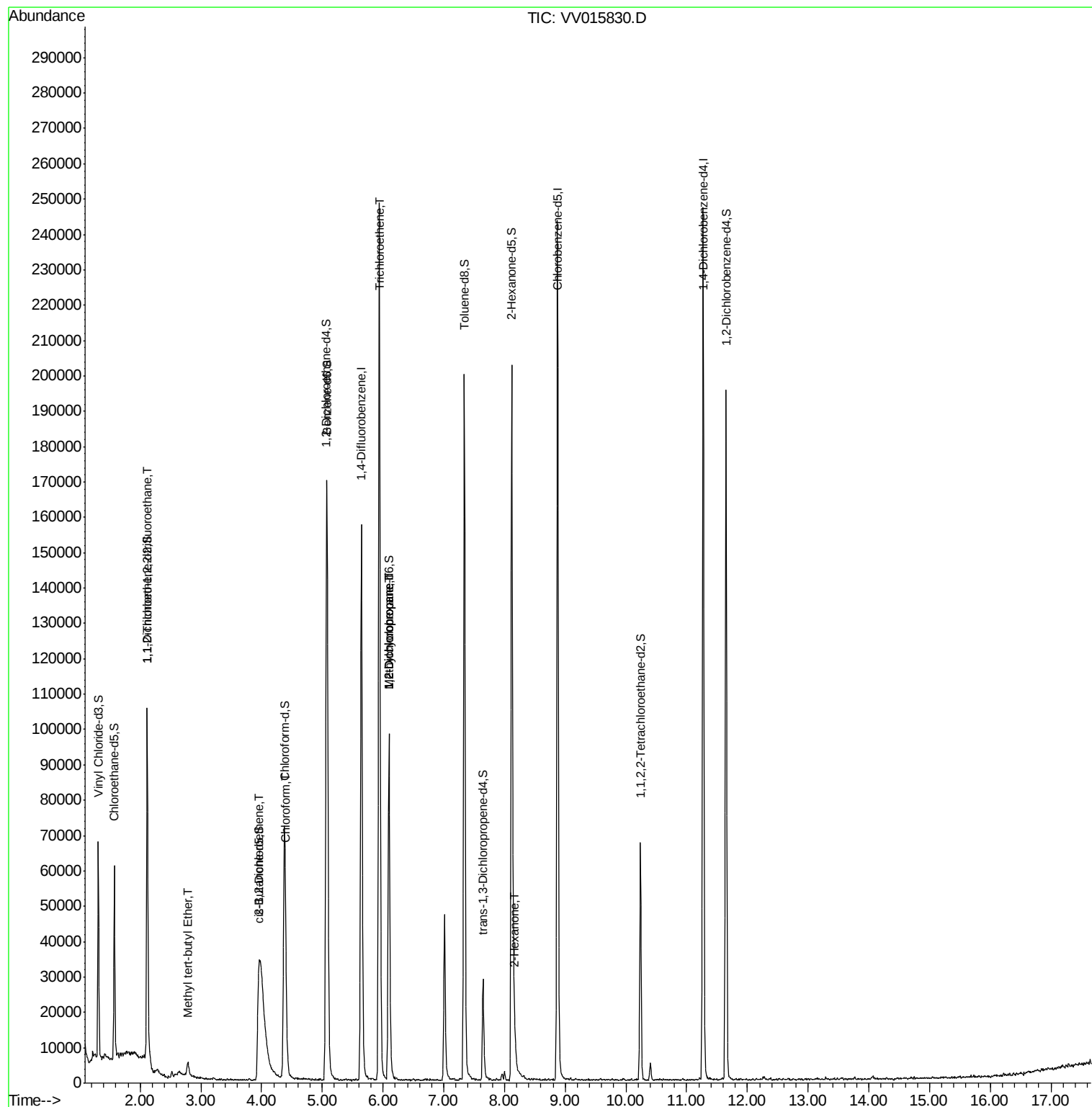
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	566	0.072 ug/L #	28
17) Methyl tert-butyl Ether	2.79	73	2110	0.103 ug/L #	89
22) cis-1,2-Dichloroethene	3.94	96	5903	0.653 ug/L	88
25) Chloroform	4.40	83	10096	0.592 ug/L	87
34) Trichloroethene	5.94	95	85220	8.902 ug/L	99
35) Methylcyclohexane	6.10	83	11039	0.751 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5372	0.610 ug/L #	86
48) 2-Hexanone	8.17	43	4537	1.113 ug/L #	43

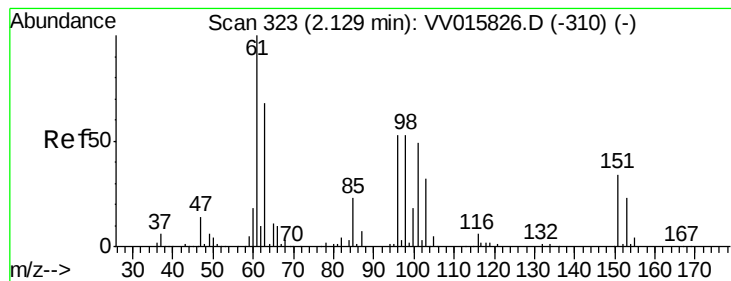
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV043020\
Data File : VV015830.D
Acq On : 30 Apr 2020 12:32
Operator : SY/MD
Sample : L2421-01
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 01 01:45:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 01 01:42:43 2020
Response via : Initial Calibration





#10

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

Concen: 0.072 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015830.D

Acq: 30 Apr 2020 12:32

Instrument :

MSVOA_V

ClientSampled :

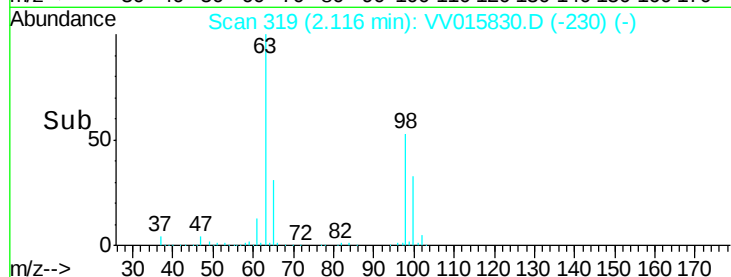
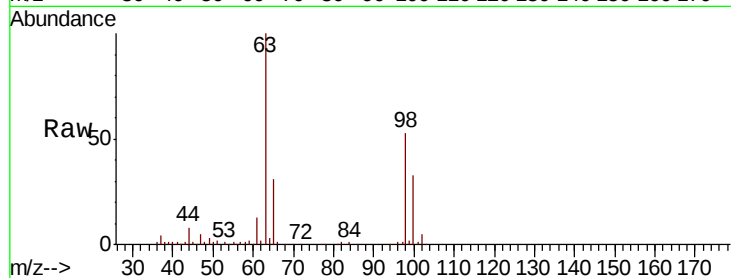
Tot Ion:101 Resp: 566

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 8.1 55.2 82.8#



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

600

500

400

300

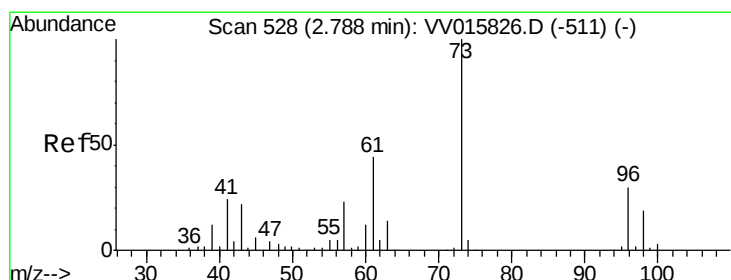
200

100

0

2.08 2.10 2.12 2.14

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.103 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV015830.D

Acq: 30 Apr 2020 12:32

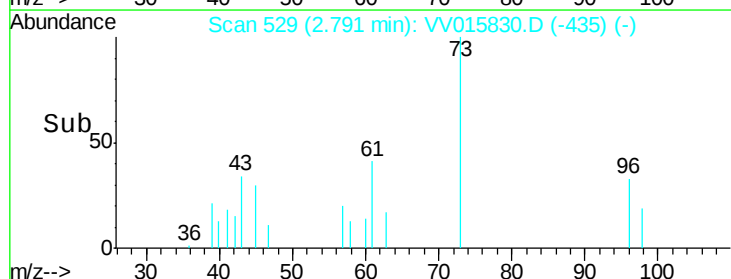
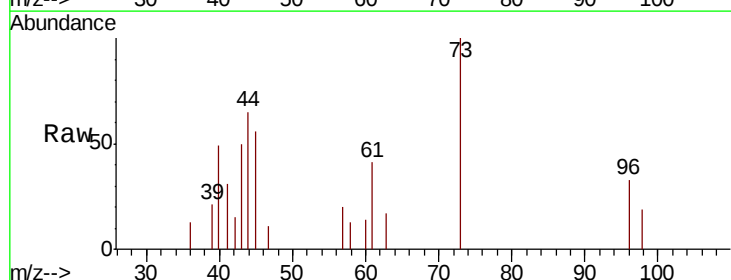
Tgt Ion: 73 Resp: 2110

Ion Ratio Lower Upper

73 100

43 34.7 20.1 30.1#

57 23.0 17.8 26.8



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

1200

1000

800

600

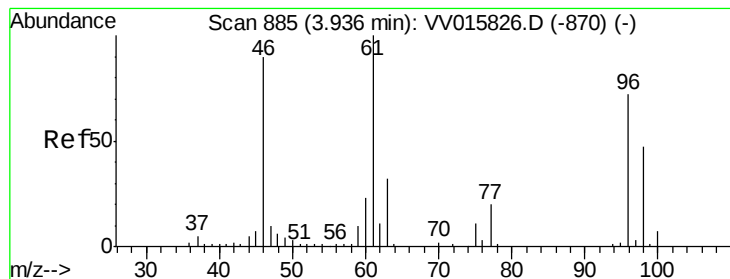
400

200

0

2.75 2.80 2.85

Time-->

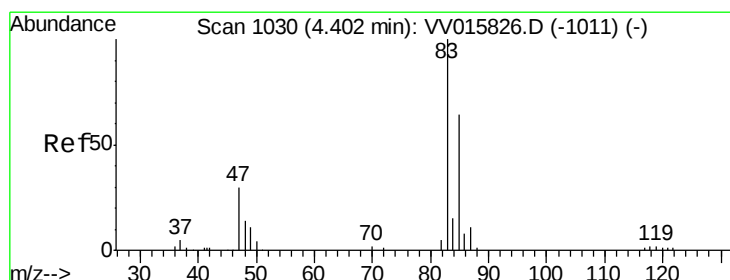
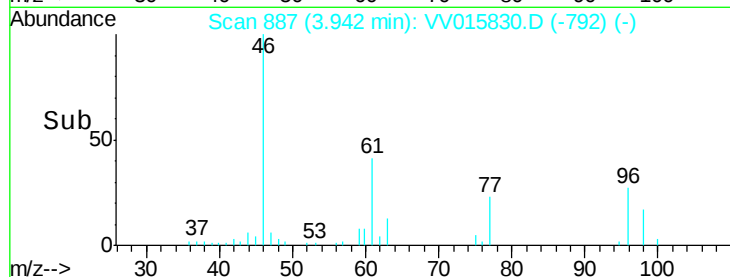
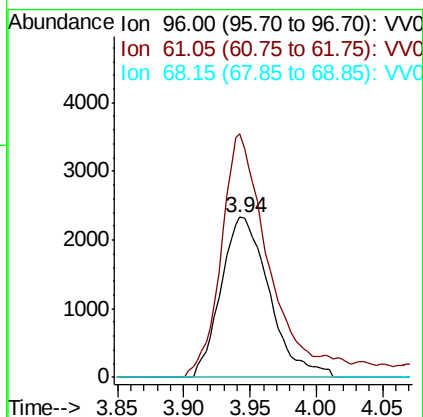
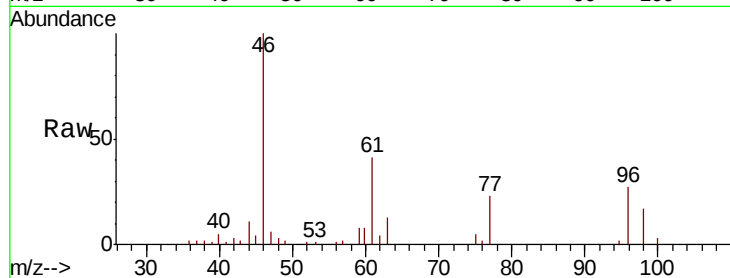


#22

cis-1,2-Dichloroethene
Concen: 0.653 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015830.D
Acq: 30 Apr 2020 12:32

Instrument :
MSVOA_V
ClientSampleId :

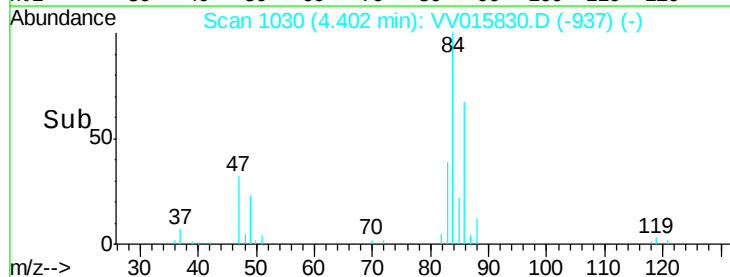
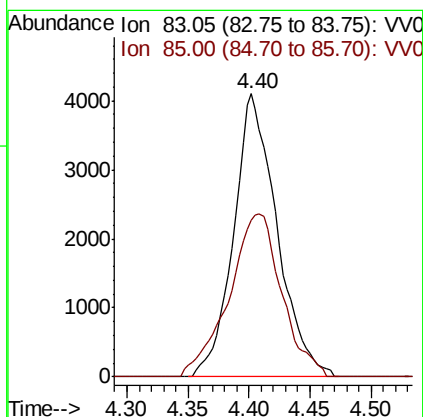
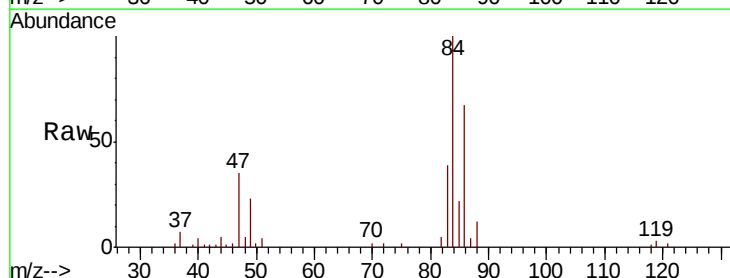
Tot Ion: 96 Resp: 5903
Ion Ratio Lower Upper
96 100
61 151.9 96.4 179.0
68 0.0 0.0 0.0

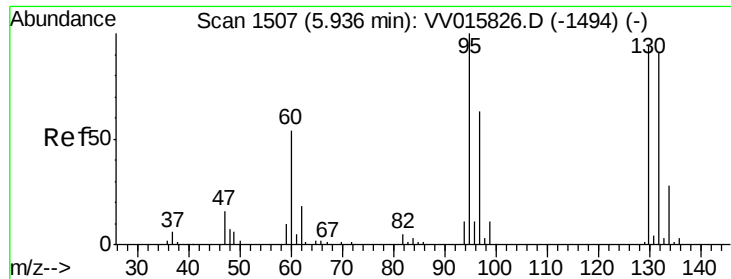


#25

Chloroform
Concen: 0.592 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015830.D
Acq: 30 Apr 2020 12:32

Tgt Ion: 83 Resp: 10096
Ion Ratio Lower Upper
83 100
85 55.5 46.1 85.5

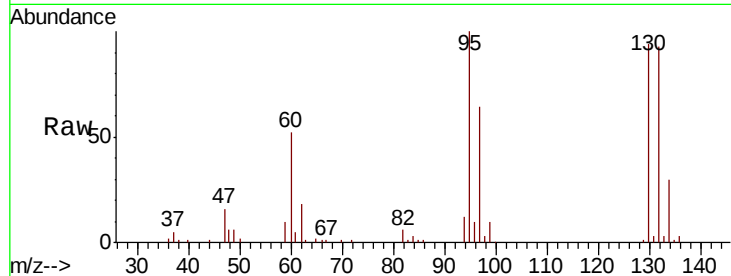




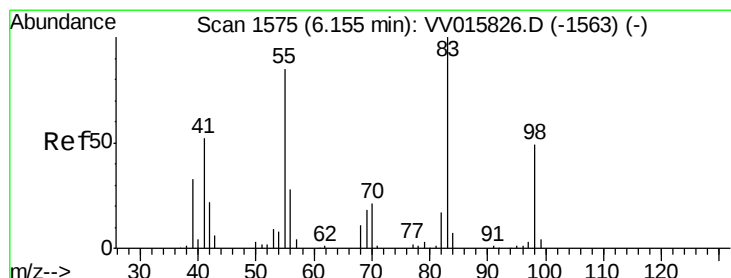
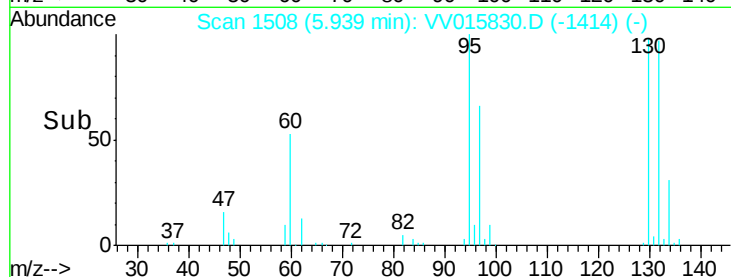
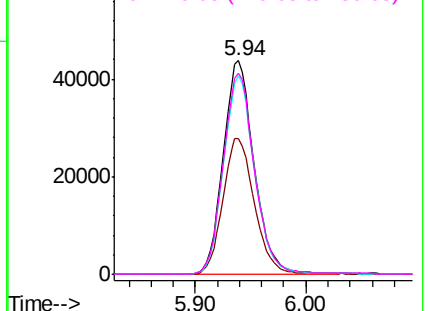
#34
 Trichloroethene
 Concen: 8.902 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015830.D
 Acq: 30 Apr 2020 12:32

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 85220
 Ion Ratio Lower Upper
 95 100
 97 63.6 44.7 82.9
 132 92.8 65.2 121.0
 130 94.1 65.0 120.6

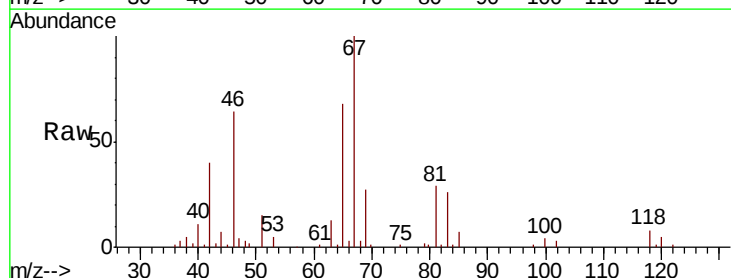


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

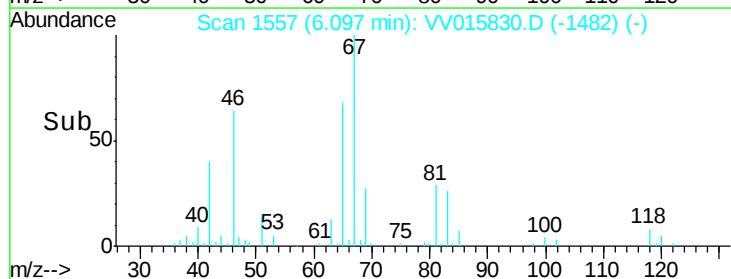
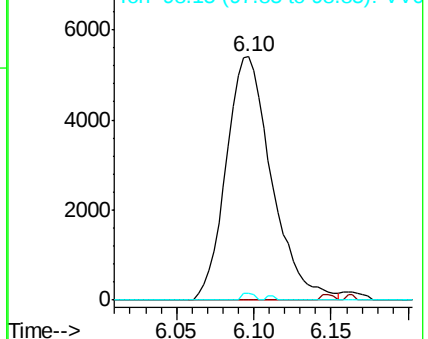


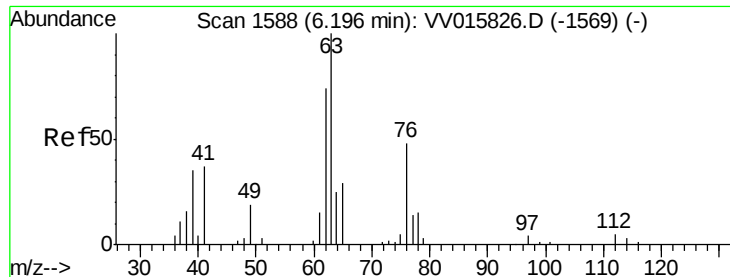
#35
 Methylcyclohexane
 Concen: 0.751 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015830.D
 Acq: 30 Apr 2020 12:32

Tgt Ion: 83 Resp: 11039
 Ion Ratio Lower Upper
 83 100
 55 0.6 66.6 99.8#
 98 0.7 39.5 59.3#



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

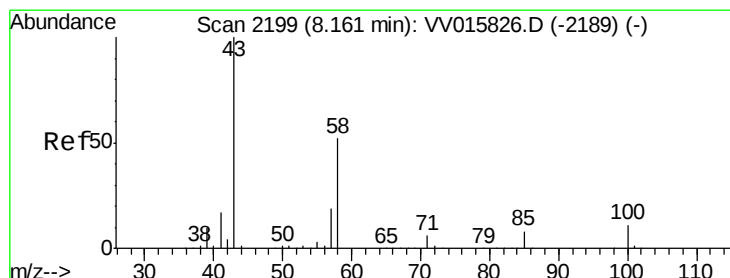
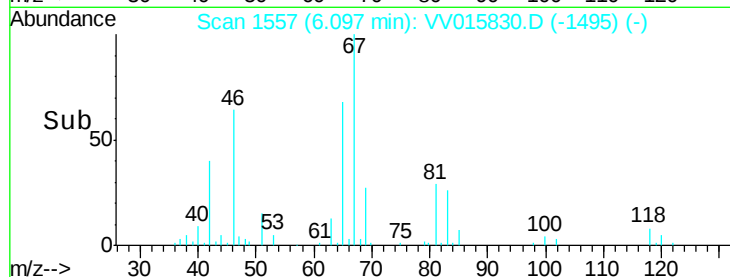
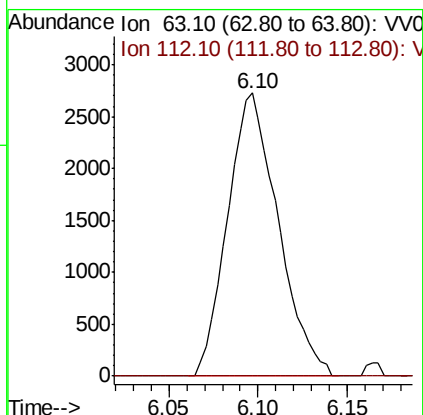
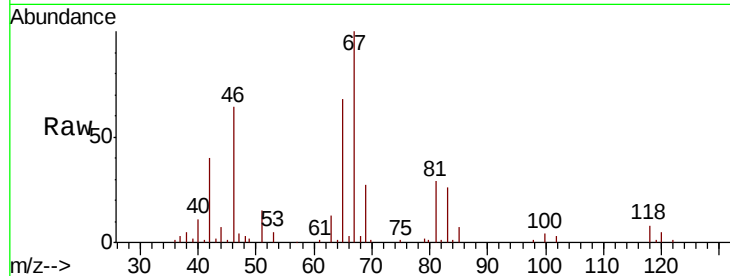




#37
 1,2-Dichloropropane
 Concen: 0.610 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015830.D
 Acq: 30 Apr 2020 12:32

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 5372
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 1.113 ug/L
 RT: 8.17 min Scan# 2203
 Delta R.T. 0.01 min
 Lab File: VV015830.D
 Acq: 30 Apr 2020 12:32

Tgt Ion: 43 Resp: 4537
 Ion Ratio Lower Upper
 43 100
 58 0.0 41.1 61.7#
 57 1.6 15.0 22.4#
 100 5.2 9.0 13.4#

