

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015827.D
 Acq On : 30 Apr 2020 11:15
 Operator : SY/MD
 Sample : VV0430WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 01:44:31 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	130052	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125829	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36035	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.58	69	32265	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.12	63	53756	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.96	46	96045	44.01	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.02%
24) Chloroform-d	4.38	84	66501	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.06	65	41509	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.08	84	141315	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.10	67	44398	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.34	98	126290	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.65	79	14991	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.12	63	68923	38.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29210	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	45013	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

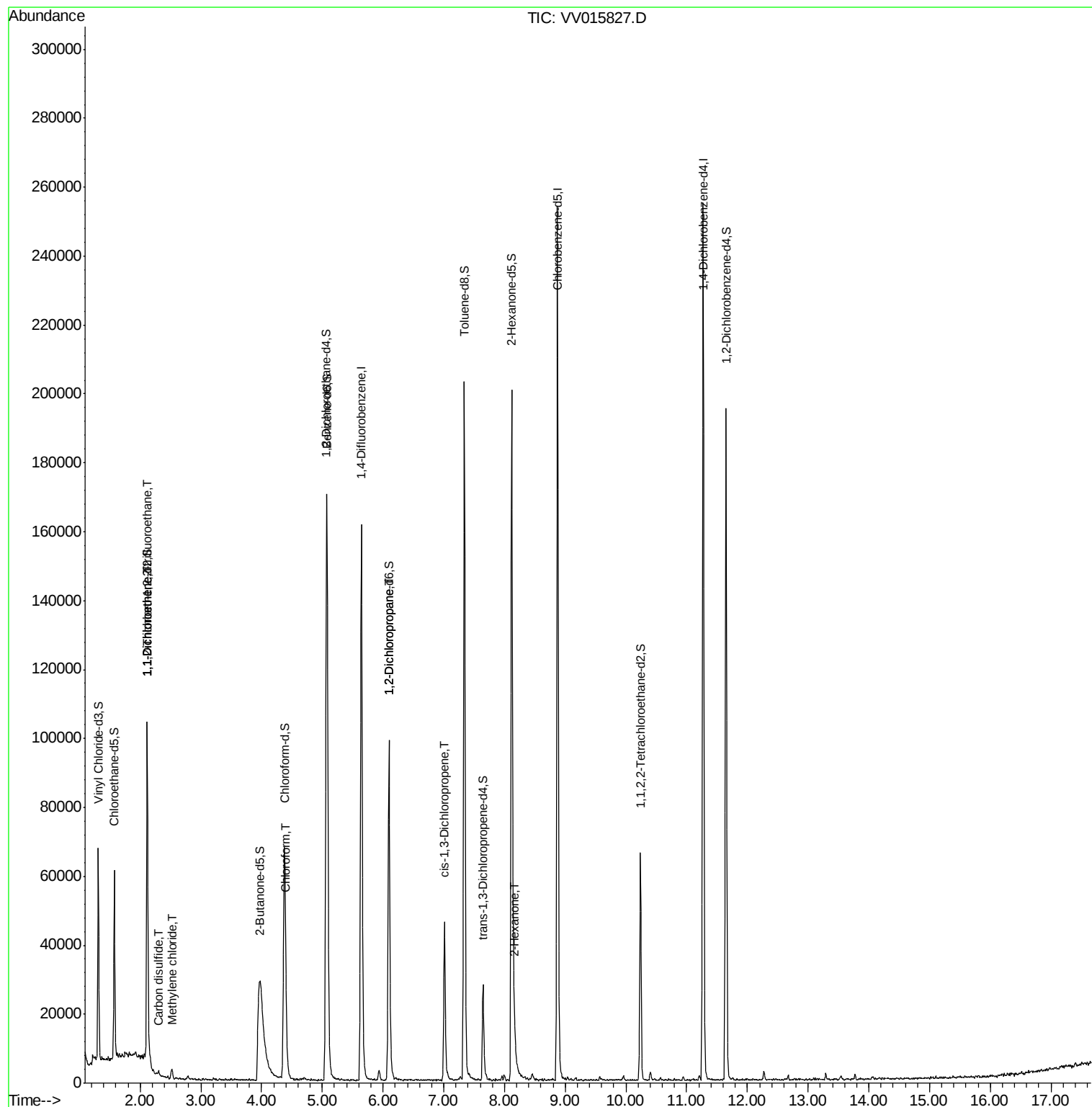
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	616	0.075 ug/L #	28
12) 1,1-Dichloroethene	2.12	96	675	0.089 ug/L #	1
14) Carbon disulfide	2.31	76	863	0.040 ug/L #	75
16) Methylene chloride	2.52	84	1027	0.110 ug/L	95
25) Chloroform	4.41	83	6885	0.390 ug/L	98
37) 1,2-Dichloropropane	6.09	63	5480	0.600 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1430	0.112 ug/L	87
48) 2-Hexanone	8.17	43	4912	1.161 ug/L #	89

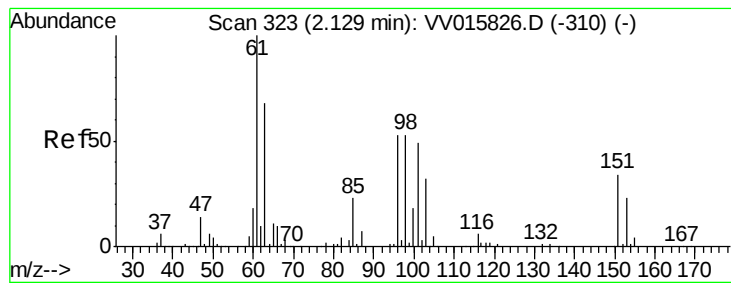
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 01 01:44:31 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: 0.075 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015827.D

Acq: 30 Apr 2020 11:15

Instrument :

MSVOA_V

ClientSampled :

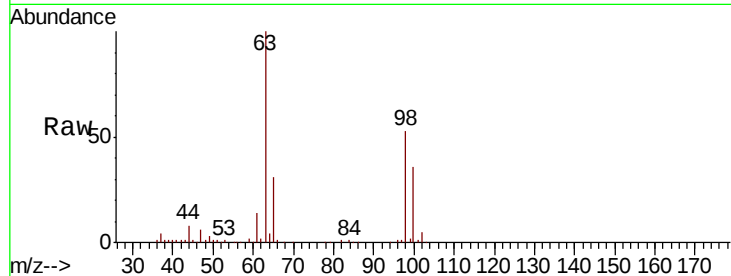
Tot Ion:101 Resp: 616

Ion Ratio Lower Upper

101 100

85 10.9 36.1 54.1#

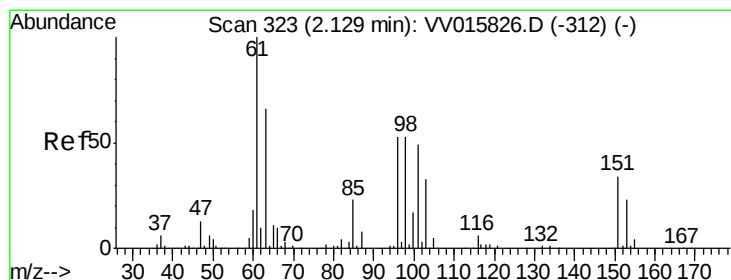
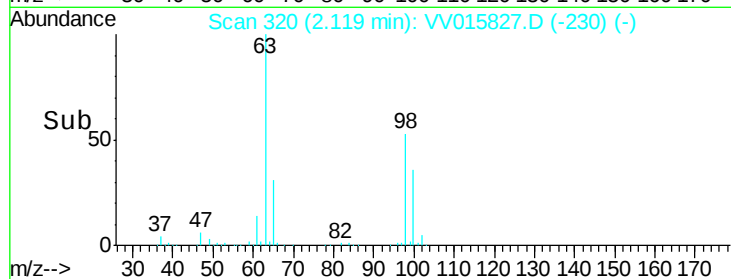
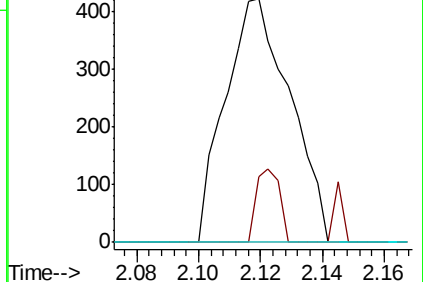
151 0.0 55.2 82.8#



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



#12

1,1-Dichloroethene

Concen: 0.089 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015827.D

Acq: 30 Apr 2020 11:15

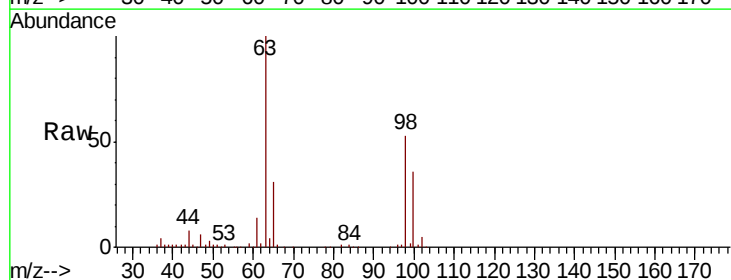
Tgt Ion: 96 Resp: 675

Ion Ratio Lower Upper

96 100

61 1138.0 130.1 241.7#

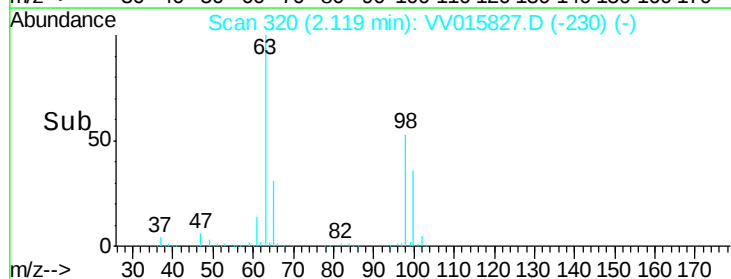
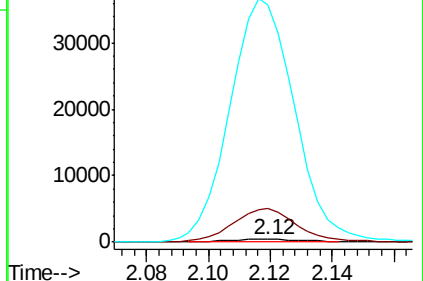
63 8094.1 91.4 169.8#

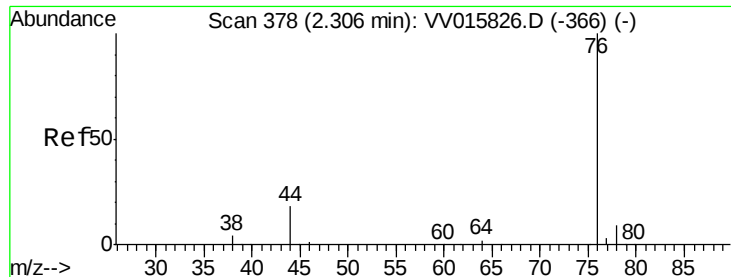


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.040 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV015827.D

Acq: 30 Apr 2020 11:15

Instrument :

MSVOA_V

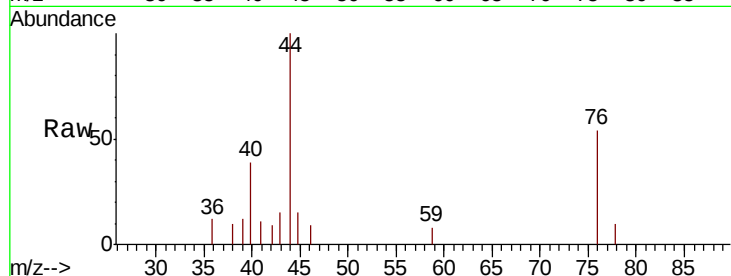
ClientSampleId :

Tot Ion: 76 Resp: 863

Ion Ratio Lower Upper

76 100

78 18.4 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

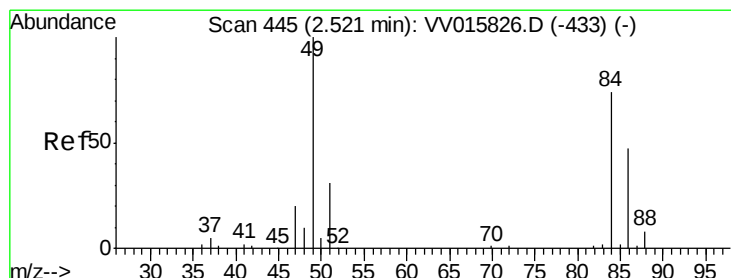
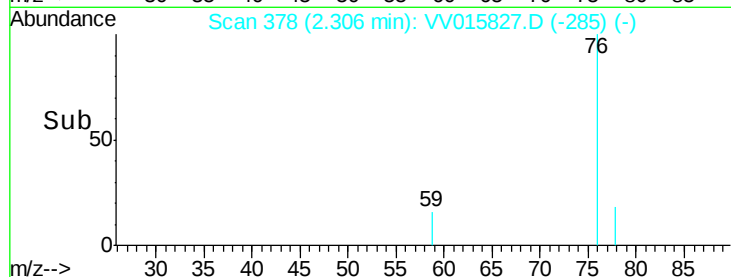
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 0.110 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV015827.D

Acq: 30 Apr 2020 11:15

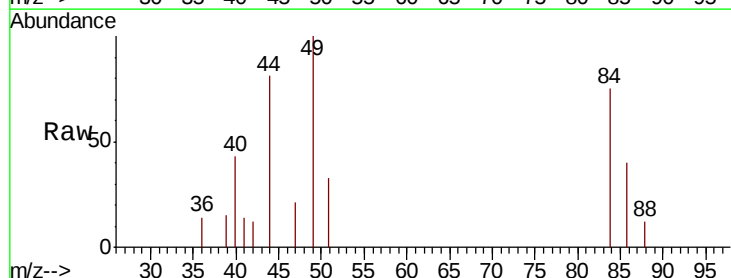
Tgt Ion: 84 Resp: 1027

Ion Ratio Lower Upper

84 100

86 53.4 45.1 83.7

49 133.5 94.4 175.4



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

1200

1000

800

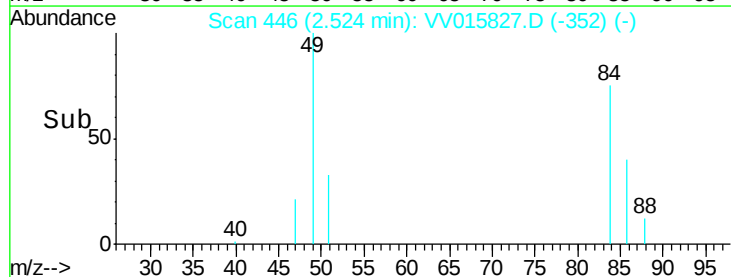
600

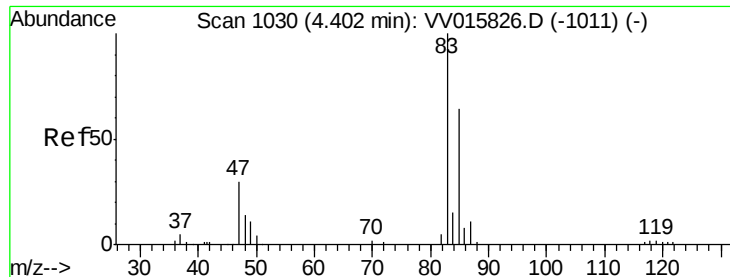
400

200

0

Time-->

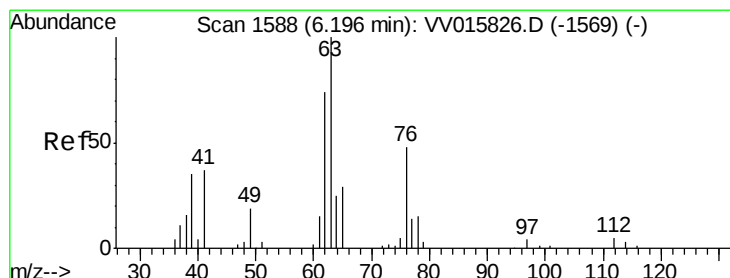
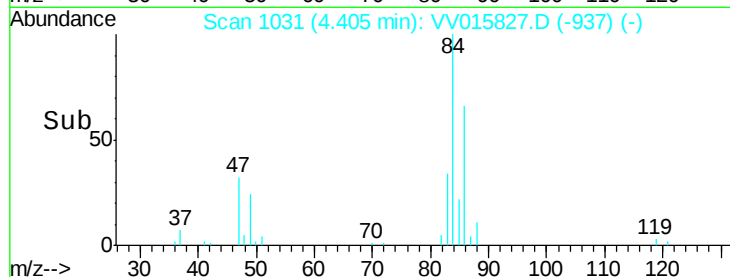
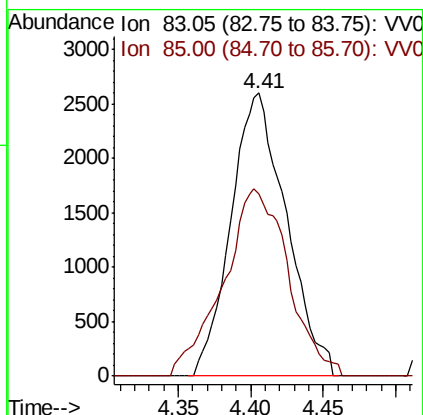
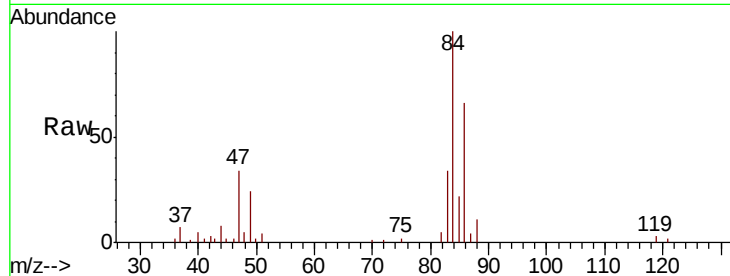




#25
Chloroform
Concen: 0.390 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015827.D
Acq: 30 Apr 2020 11:15

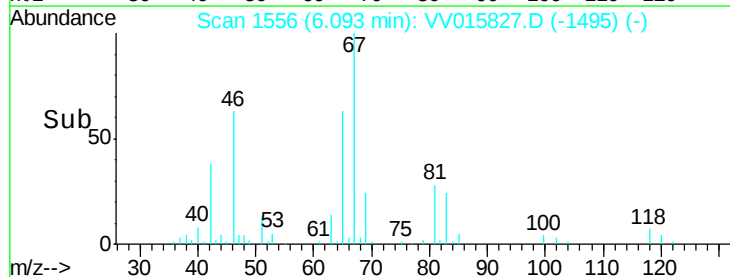
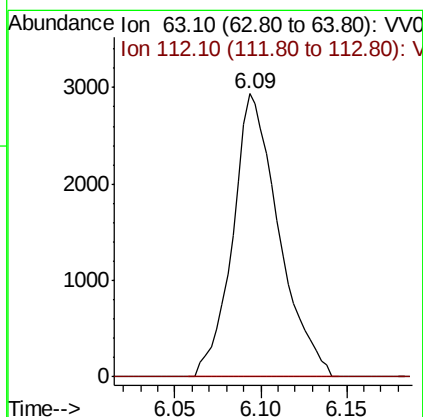
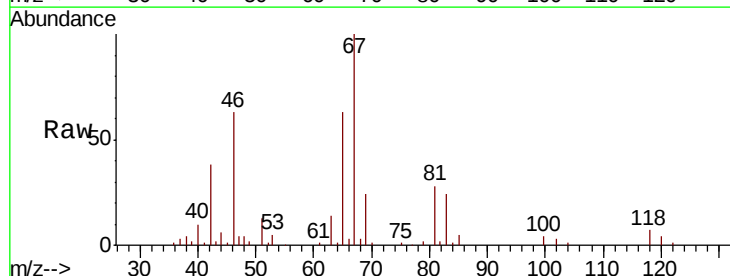
Instrument :
MSVOA_V
ClientSampled :

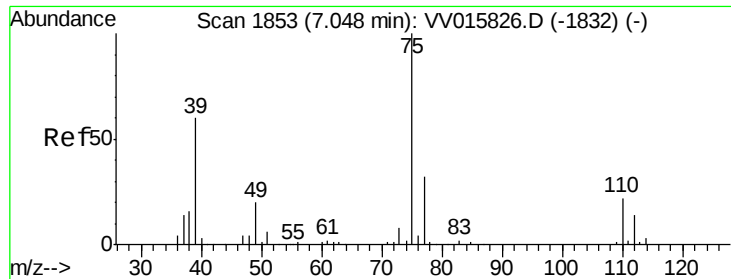
Tot Ion: 83 Resp: 6885
Ion Ratio Lower Upper
83 100
85 64.5 46.1 85.5



#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015827.D
Acq: 30 Apr 2020 11:15

Tgt Ion: 63 Resp: 5480
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

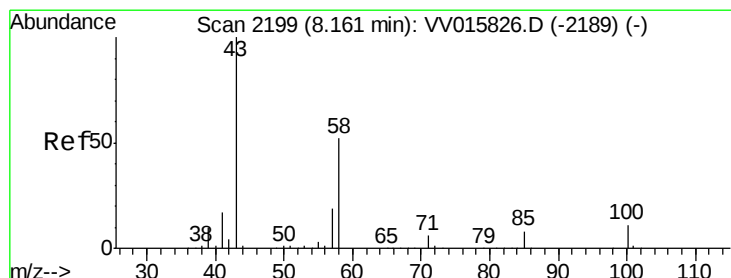
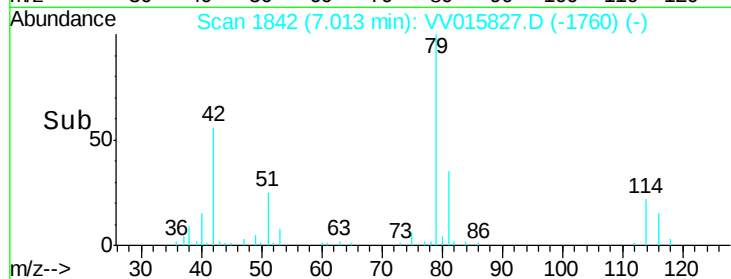
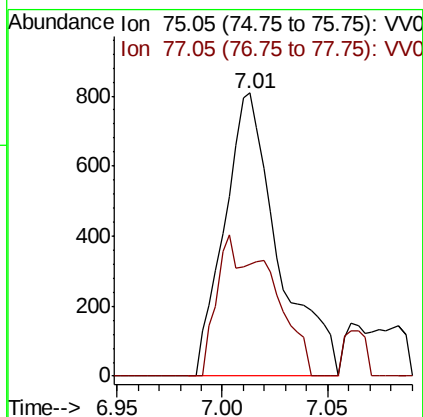
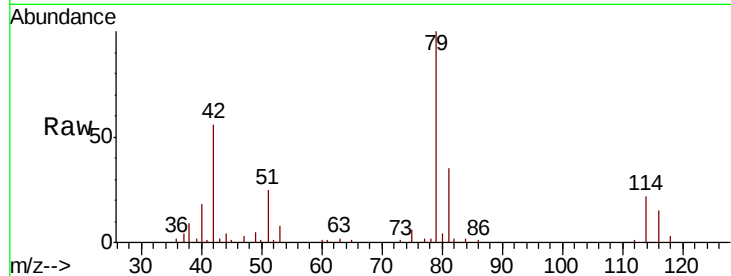




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015827.D
 Acq: 30 Apr 2020 11:15

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 1430
 Ion Ratio Lower Upper
 75 100
 77 39.4 22.3 41.5



#48
 2-Hexanone
 Concen: 1.161 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV015827.D
 Acq: 30 Apr 2020 11:15

Tgt Ion: 43 Resp: 4912
 Ion Ratio Lower Upper
 43 100
 58 57.5 41.1 61.7
 57 29.8 15.0 22.4#
 100 10.5 9.0 13.4

