

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041620\
 Data File : VV015527.D
 Acq On : 16 Apr 2020 11:10
 Operator : SY/MD
 Sample : VV0416WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 00:48:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 00:46:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	113756	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	105173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	51518	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29356	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	26514	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	42430	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.94	46	78255	47.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.44%
24) Chloroform-d	4.38	84	59327	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.06	65	33110	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.07	84	117703	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.10	67	36922	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.34	98	106694	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.64	79	15118	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.11	63	62677	41.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	24471	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	38690	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

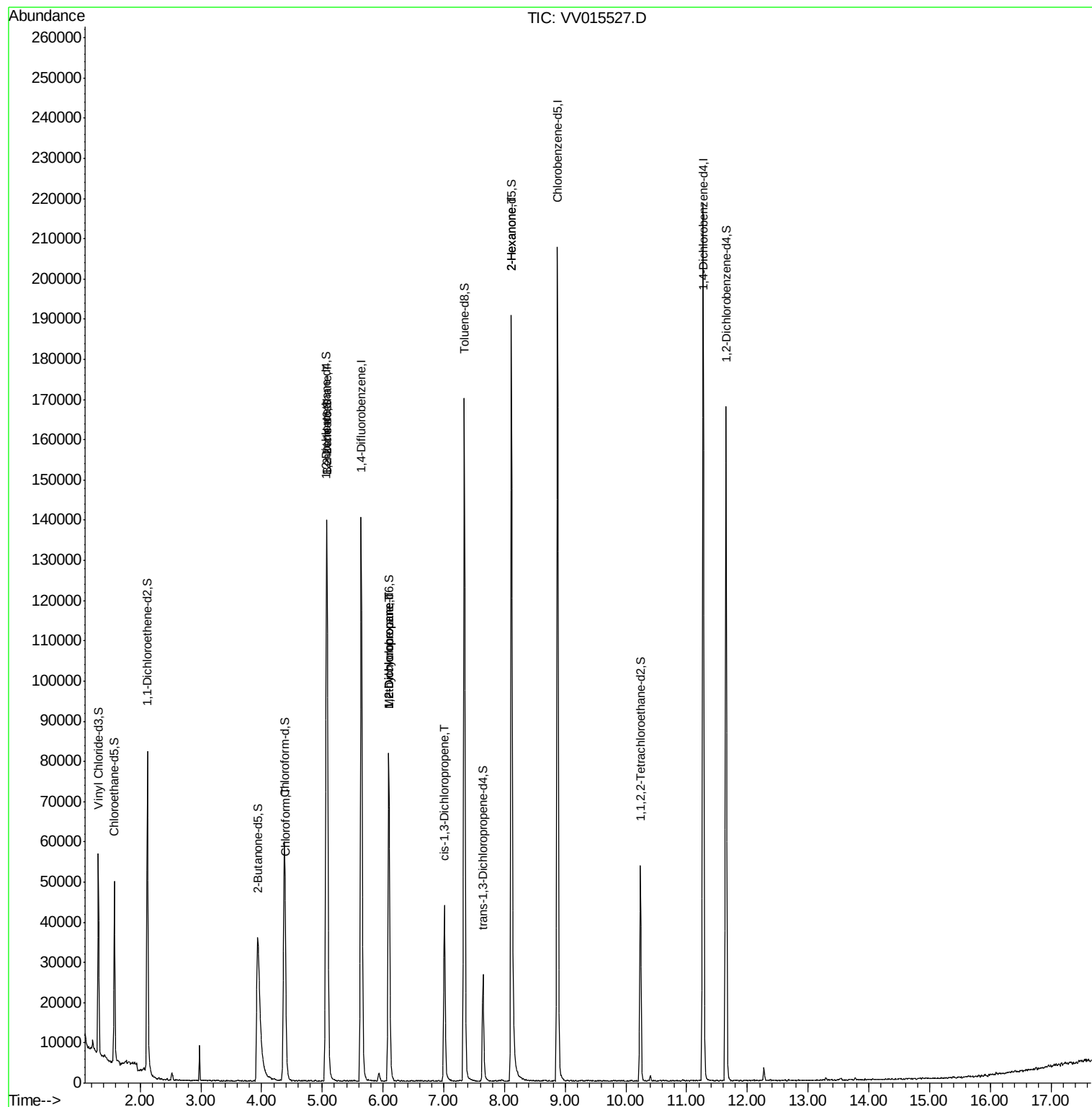
					Ovalue
25) Chloroform	4.40	83	2163	0.139 ug/L	95
27) 1,2-Dichloroethane	5.08	62	742	0.074 ug/L #	77
35) Methylcyclohexane	6.09	83	9070	0.635 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4695	0.601 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1194	0.100 ug/L	88
48) 2-Hexanone	8.11	43	9143	2.553 ug/L #	76

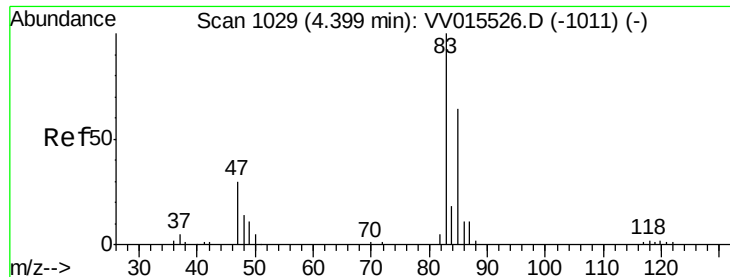
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 17 00:46:36 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 0.139 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV015527.D

Acq: 16 Apr 2020 11:10

Instrument :

MSVOA_V

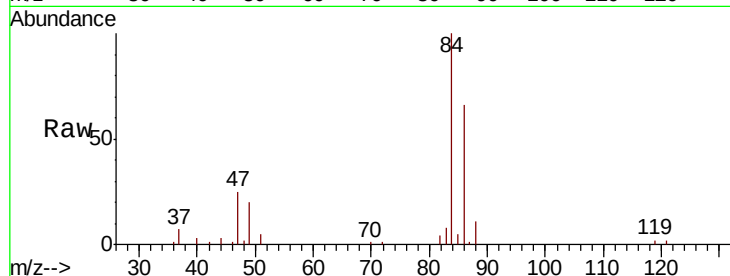
ClientSampleId :

Tot Ion: 83 Resp: 2163

Ion Ratio Lower Upper

83 100

85 69.6 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.40

800

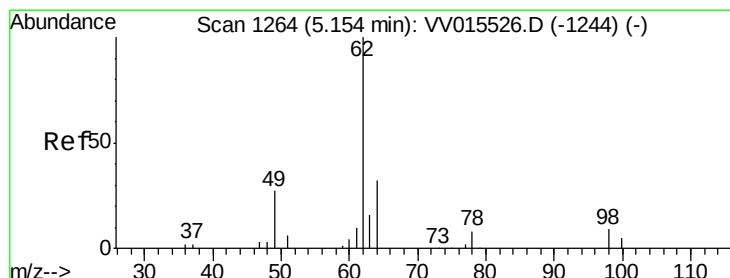
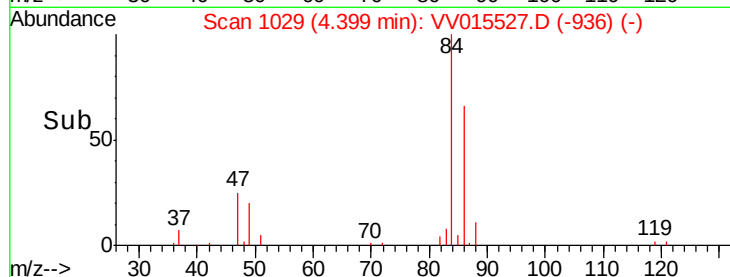
600

400

200

0

Time-->



#27

1,2-Dichloroethane

Concen: 0.074 ug/L

RT: 5.08 min Scan# 1241

Delta R.T. -0.07 min

Lab File: VV015527.D

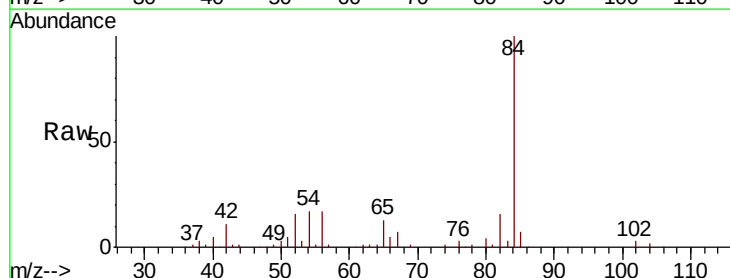
Acq: 16 Apr 2020 11:10

Tgt Ion: 62 Resp: 742

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

5.08

400

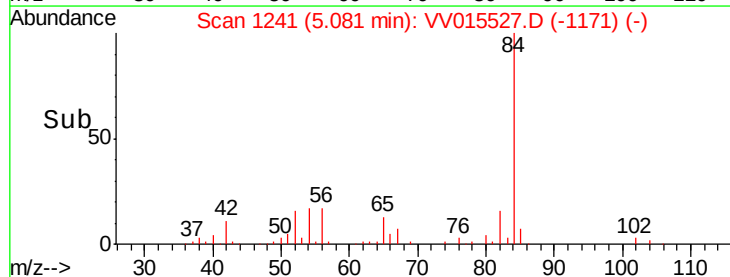
300

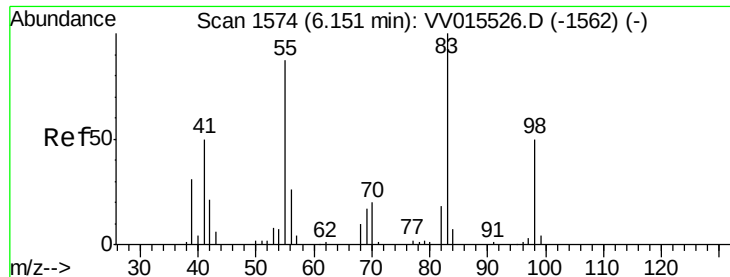
200

100

0

Time-->

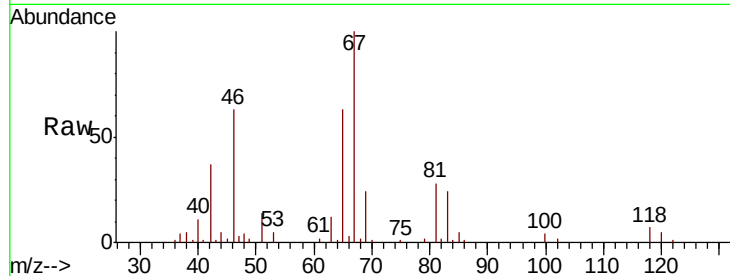




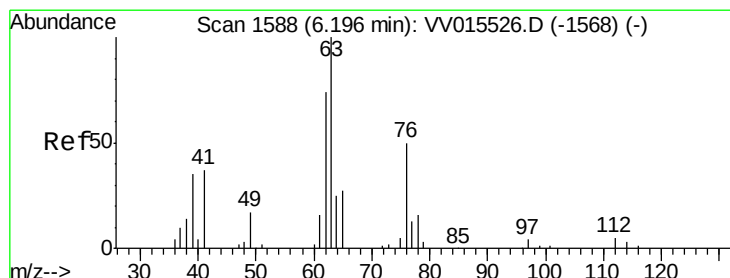
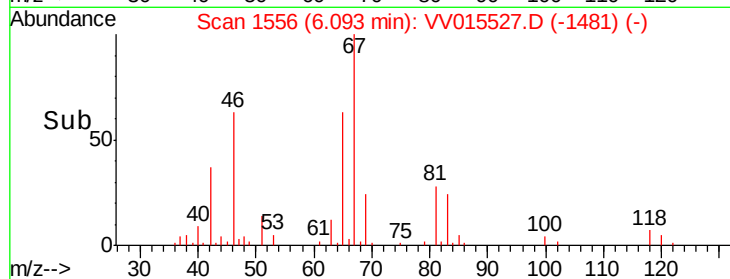
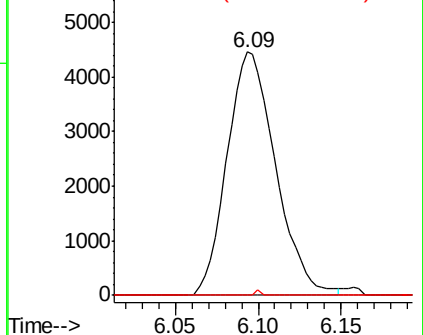
#35
Methylvlcyclohexane
Concen: 0.635 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015527.D
Acq: 16 Apr 2020 11:10

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 9070
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.2 38.7 58.1#

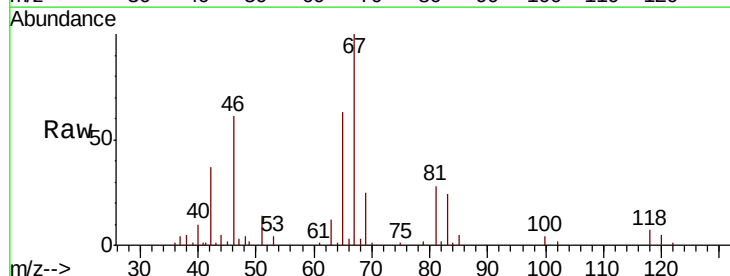


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

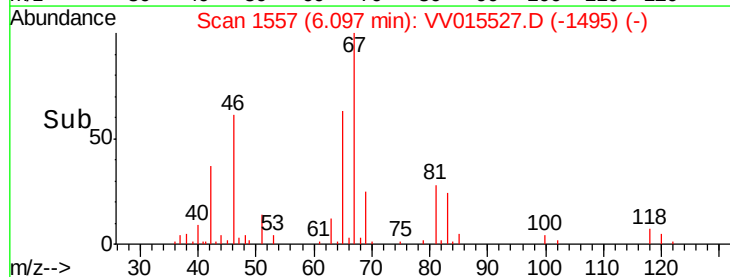
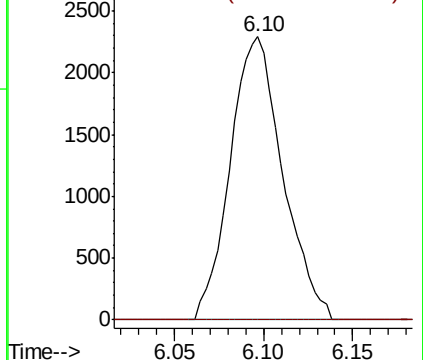


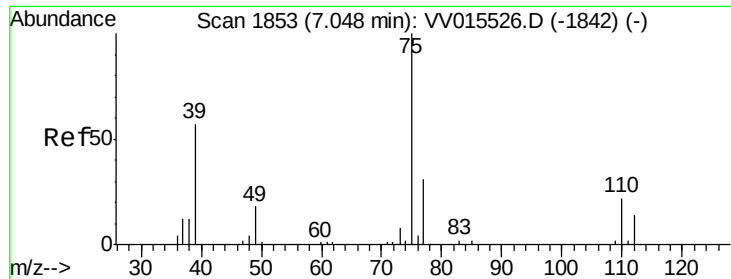
#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015527.D
Acq: 16 Apr 2020 11:10

Tgt Ion: 63 Resp: 4695
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

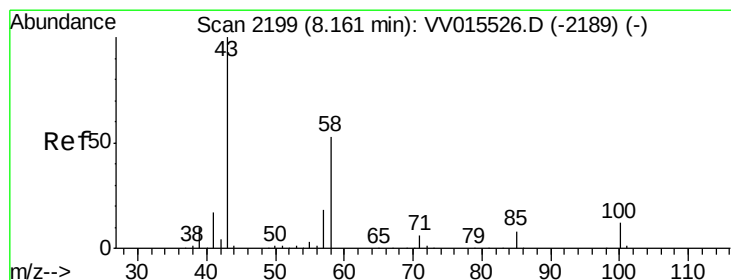
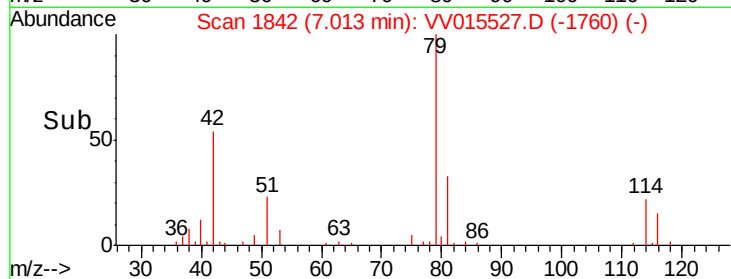
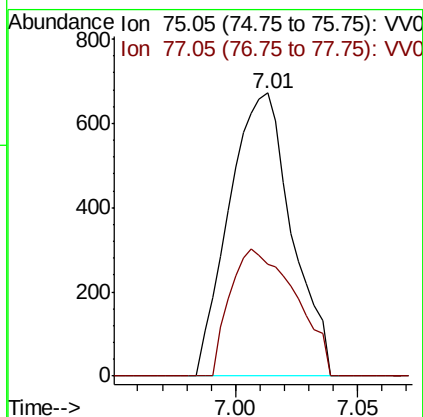
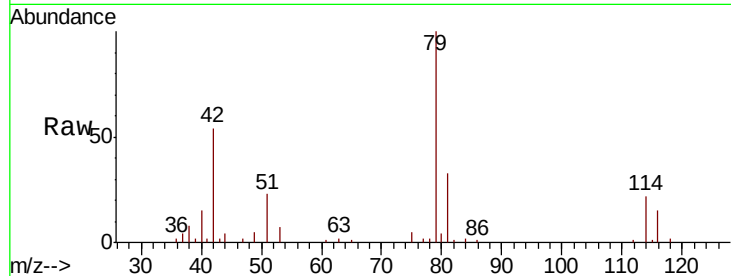




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015527.D
 Acq: 16 Apr 2020 11:10

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 1194
 Ion Ratio Lower Upper
 75 100
 77 39.7 23.0 42.6



#48
 2-Hexanone
 Concen: 2.553 ug/L
 RT: 8.11 min Scan# 2184
 Delta R.T. -0.05 min
 Lab File: VV015527.D
 Acq: 16 Apr 2020 11:10

Tgt Ion: 43 Resp: 9143
 Ion Ratio Lower Upper
 43 100
 58 32.7 41.4 62.0#
 57 23.3 15.0 22.4#
 100 0.0 9.4 14.2#

