

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016308.D
 Acq On : 29 May 2020 04:44
 Operator : SY/MD
 Sample : L2662-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B16

Quant Time: May 29 08:28:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 04:21:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	119133	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112812	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	55007	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27254	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	1.58	69	20892	3.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.20%#
11) 1,1-Dichloroethene-d2	2.12	63	38114	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	3.96	46	80331	42.33	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.66%
24) Chloroform-d	4.38	84	57124	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
26) 1,2-Dichloroethane-d4	5.06	65	32013	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
32) Benzene-d6	5.07	84	118804	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.10	67	35583	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.34	98	111123	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
45) trans-1,3-Dichloropropene-	7.64	79	11259	3.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.80%
48) 2-Hexanone-d5	8.12	63	69214	46.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.66%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25617	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	41531	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

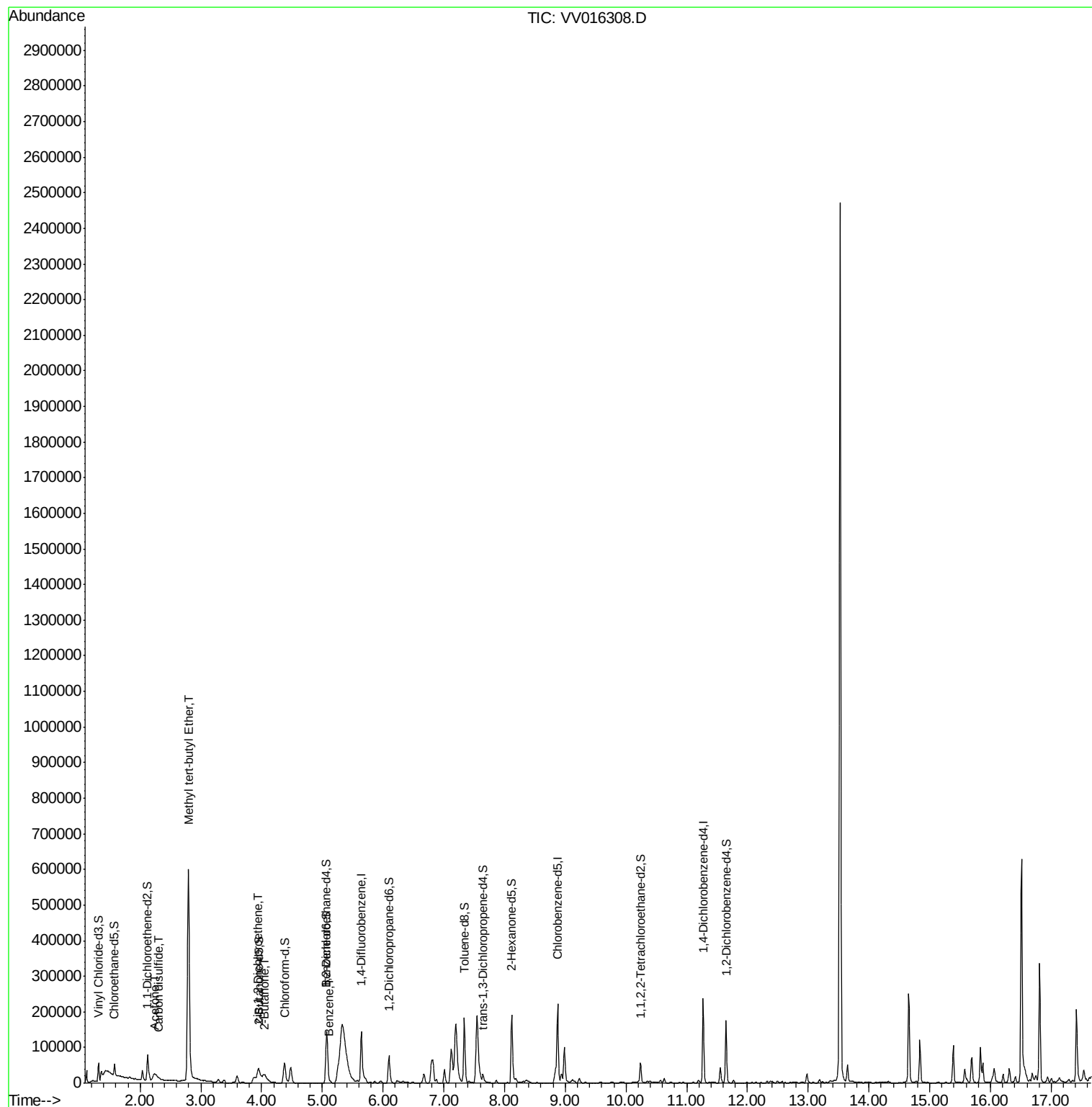
					Ovalue
13) Acetone	2.24	43	65914	56.106	ug/L 69
14) Carbon disulfide	2.31	76	2543	0.117	ug/L # 90
17) Methyl tert-butyl Ether	2.79	73	624772	36.111	ug/L 97
21) 2-Butanone	4.05	43	55788	26.695	ug/L 81
22) cis-1,2-Dichloroethene	3.94	96	12439	1.368	ug/L 96
33) Benzene	5.13	78	2558	0.079	ug/L 100

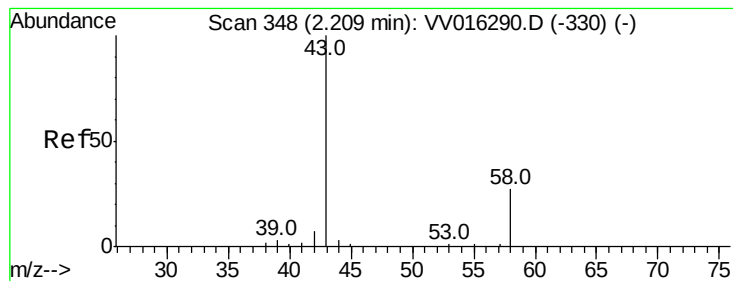
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 56.106 ug/L

RT: 2.24 min Scan# 359

Delta R.T. 0.04 min

Lab File: VV016308.D

Acq: 29 May 2020 04:44

Instrument :

MSVOA_V

ClientSampled :

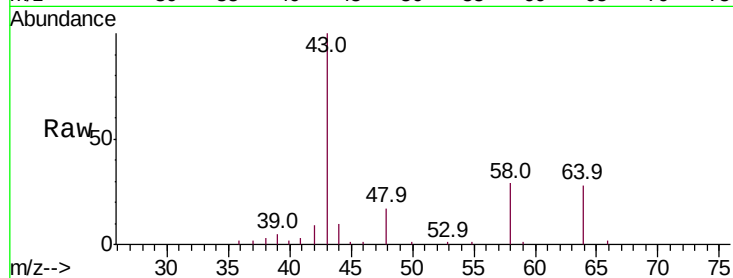
F9B16

Tot Ion: 43 Resp: 65914

Ion Ratio Lower Upper

43 100

58 9.0 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

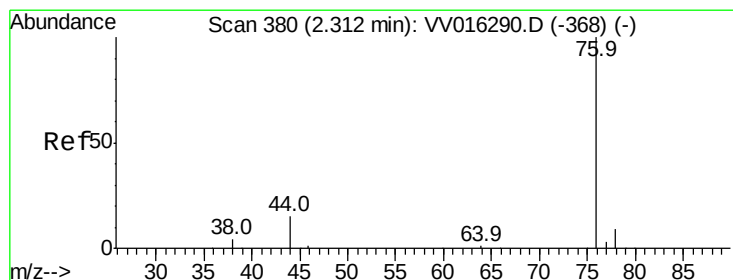
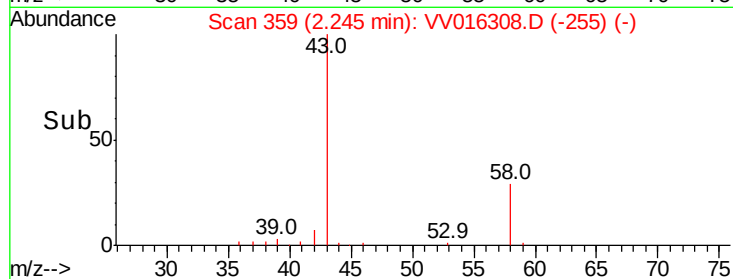
2.24

10000

5000

0

Time-->



#14

Carbon disulfide

Concen: 0.117 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV016308.D

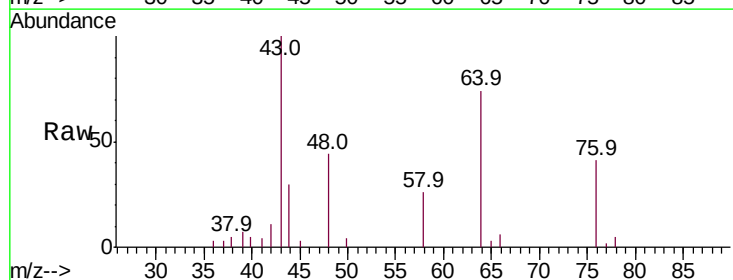
Acq: 29 May 2020 04:44

Tgt Ion: 76 Resp: 2543

Ion Ratio Lower Upper

76 100

78 12.8 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2000

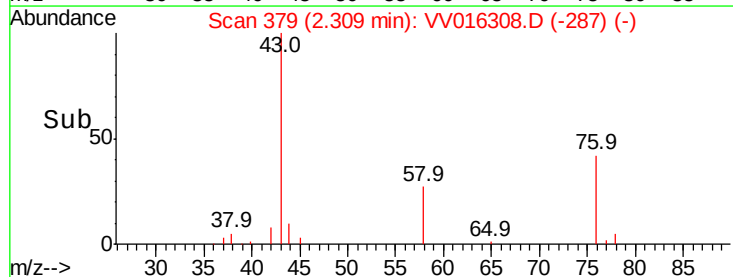
1500

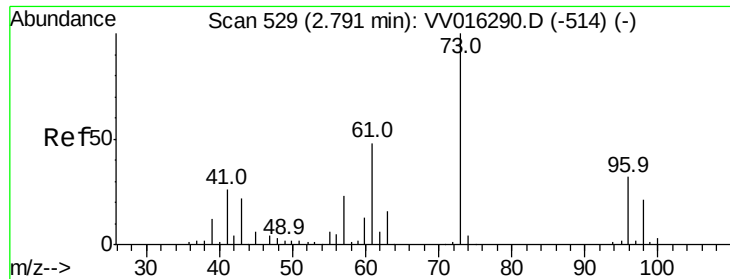
1000

500

0

Time-->

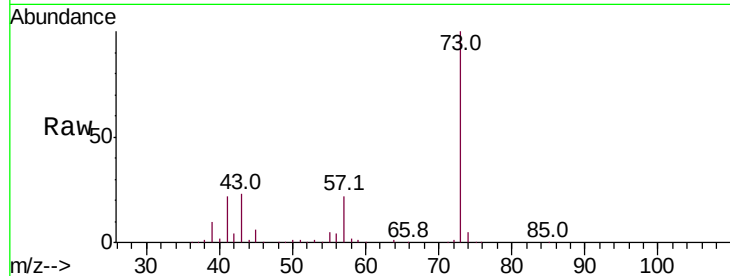




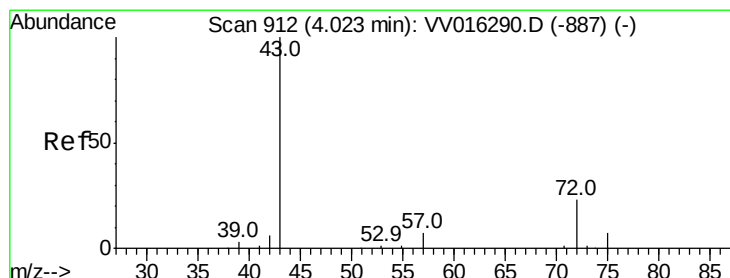
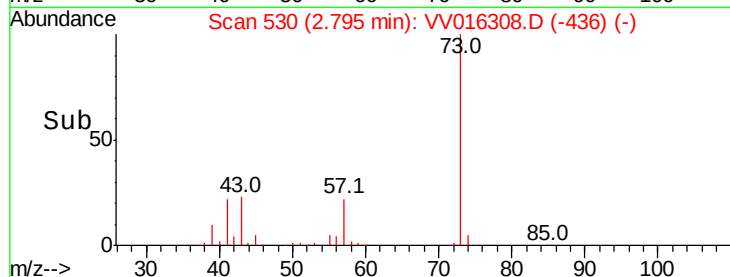
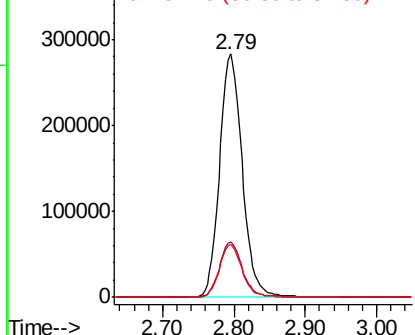
#17
Methyl tert-butyl Ether
Concen: 36.111 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV016308.D
Acq: 29 May 2020 04:44

Instrument :
MSVOA_V
ClientSampleId :
F9B16

Tot Ion: 73 Resp: 624772
Ion Ratio Lower Upper
73 100
43 23.1 17.8 26.8
57 21.9 18.9 28.3

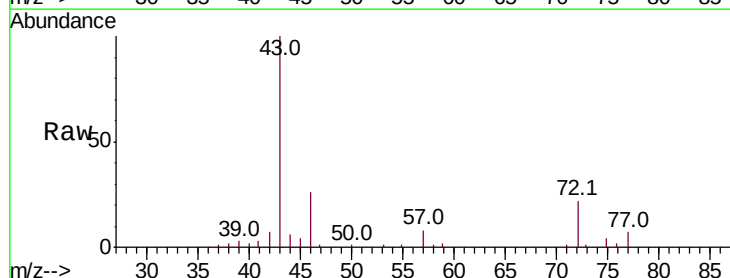


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

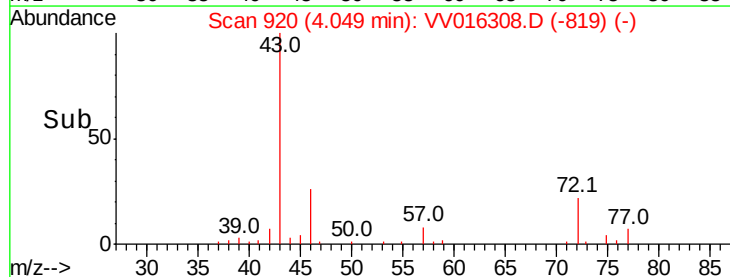
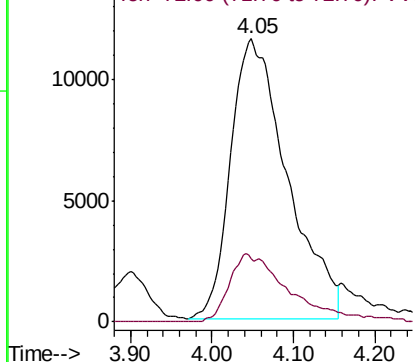


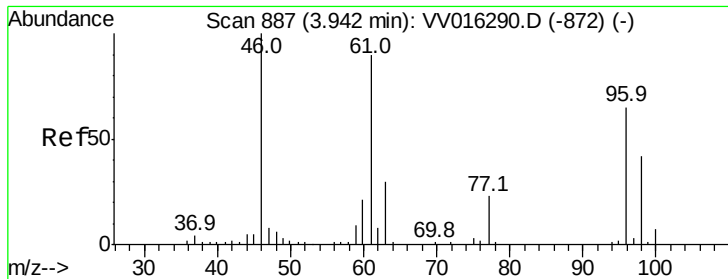
#21
2-Butanone
Concen: 26.695 ug/L
RT: 4.05 min Scan# 920
Delta R.T. 0.03 min
Lab File: VV016308.D
Acq: 29 May 2020 04:44

Tgt Ion: 43 Resp: 55788
Ion Ratio Lower Upper
43 100
72 10.5 9.7 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 72.00 (71.70 to 72.70): VV0



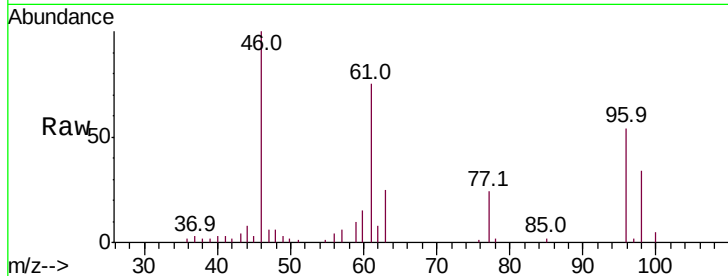


#22

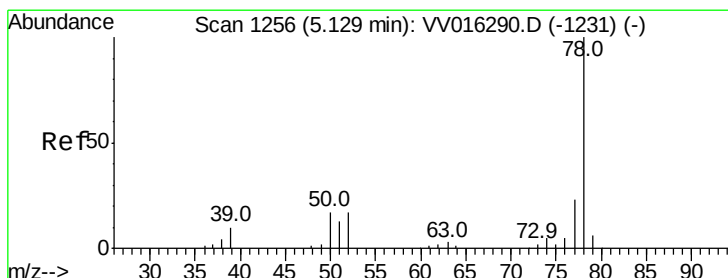
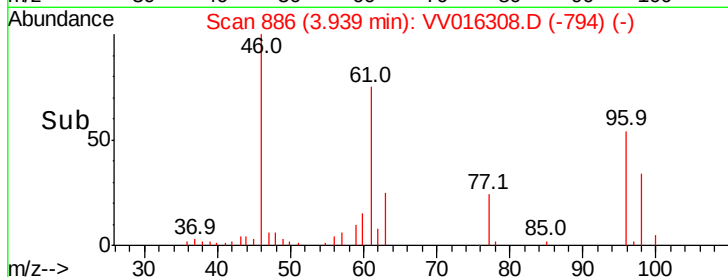
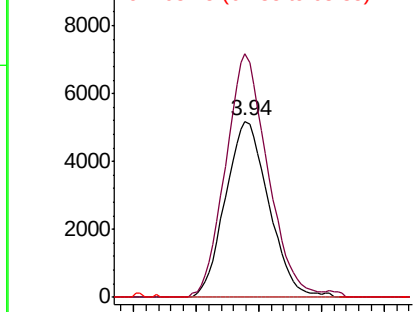
cis-1,2-Dichloroethene
Concen: 1.368 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016308.D
Acq: 29 May 2020 04:44

Instrument :
MSVOA_V
ClientSampleId :
F9B16

Tot Ion: 96 Resp: 12439
Ion Ratio Lower Upper
96 100
61 138.0 99.7 185.1
68 0.0 0.0 0.0



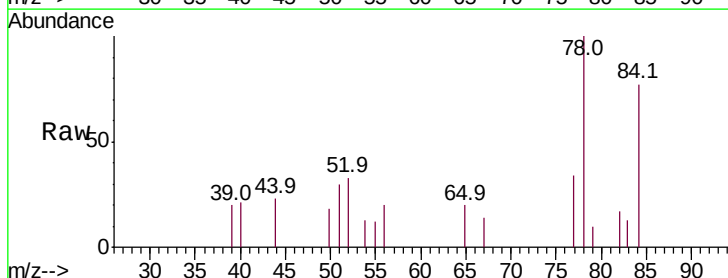
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



#33

Benzene
Concen: 0.079 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV016308.D
Acq: 29 May 2020 04:44

Tgt Ion: 78 Resp: 2558



Abundance Ion 78.10 (77.80 to 78.80): VV0

