

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017350.D
 Acq On : 06 Jul 2020 14:29
 Operator : SY/MD
 Sample : L3154-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4273

Quant Time: Jul 07 02:30:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160255	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157208	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39448	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.58	69	34696	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.13	63	60089	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.93	46	116354	47.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.94%
24) Chloroform-d	4.38	84	100714	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	57163	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.08	84	172798	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.10	67	52349	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.34	98	158564	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
45) trans-1,3-Dichloropropene-	7.65	79	19553	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
48) 2-Hexanone-d5	8.11	63	83421	43.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.10%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41026	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	67267	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

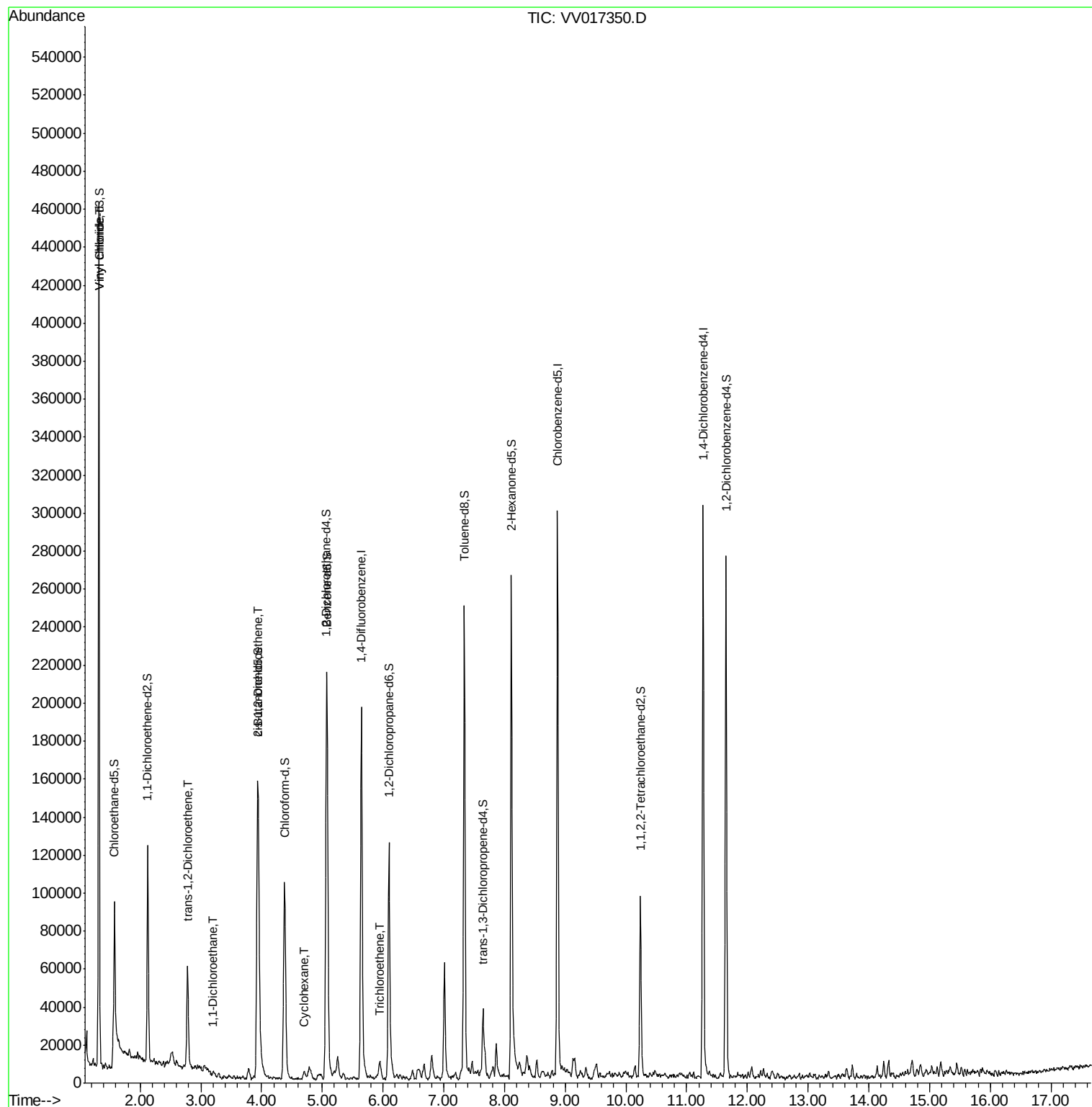
					Ovalue
5) Vinyl chloride	1.32	62	238092	22.641	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	16984	2.084	ug/L 94
19) 1,1-Dichloroethane	3.21	63	2540	0.139	ug/L 91
22) cis-1,2-Dichloroethene	3.94	96	58135	5.216	ug/L 97
30) Cyclohexane	4.71	56	1885	0.105	ug/L # 20
34) Trichloroethene	5.95	95	2456	0.204	ug/L 90

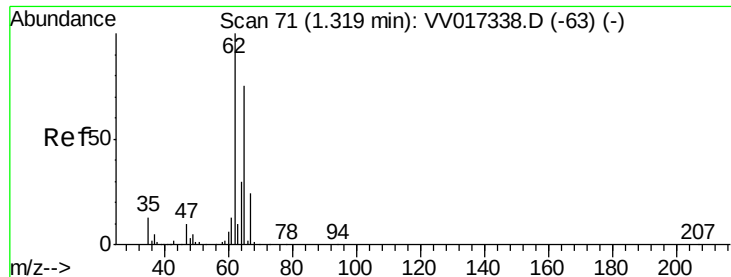
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 22.641 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017350.D

Acq: 06 Jul 2020 14:29

Instrument :

MSVOA_V

ClientSampled :

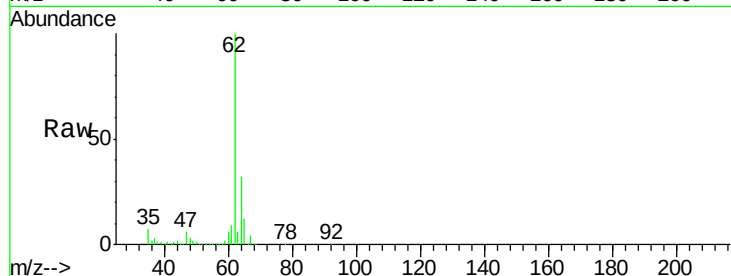
H4273

Tot Ion: 62 Resp: 238092

Ion Ratio Lower Upper

62 100

64 32.4 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

250000

200000

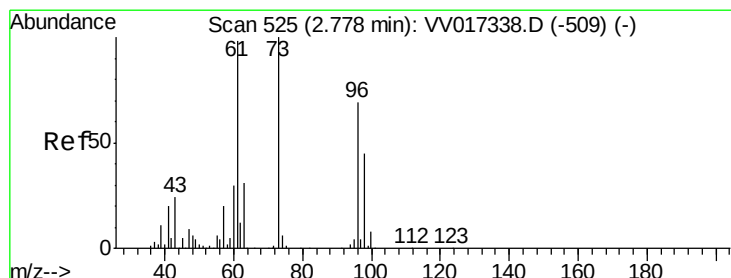
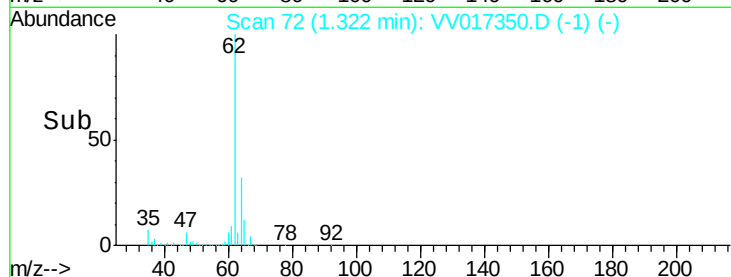
150000

100000

50000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 2.084 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017350.D

Acq: 06 Jul 2020 14:29

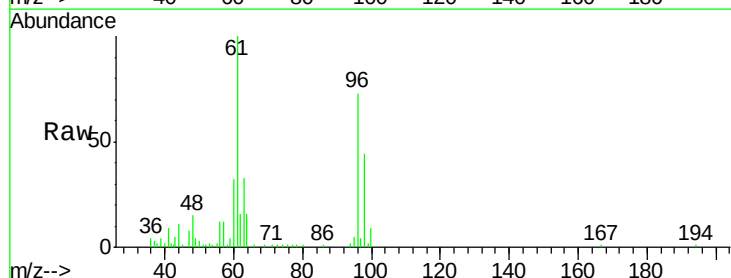
Tgt Ion: 96 Resp: 16984

Ion Ratio Lower Upper

96 100

61 137.8 102.3 189.9

98 61.1 44.7 82.9



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

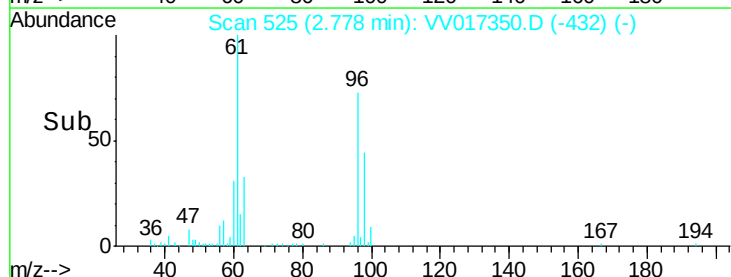
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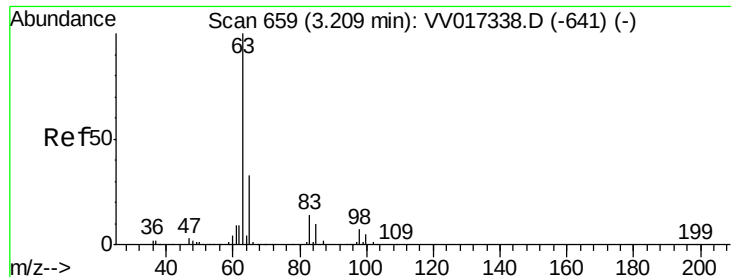
10000

5000

0

Time-->

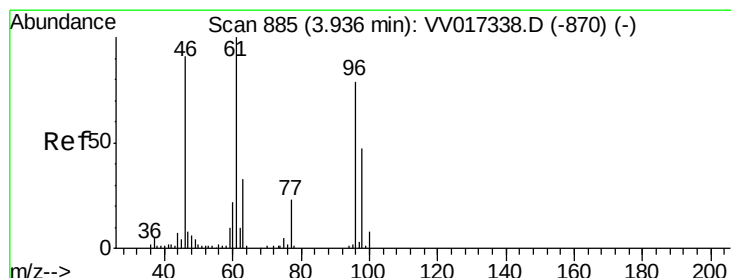
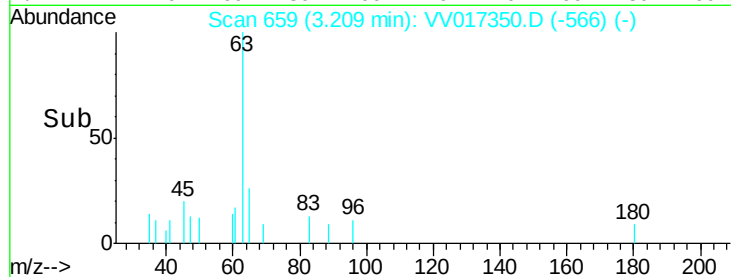
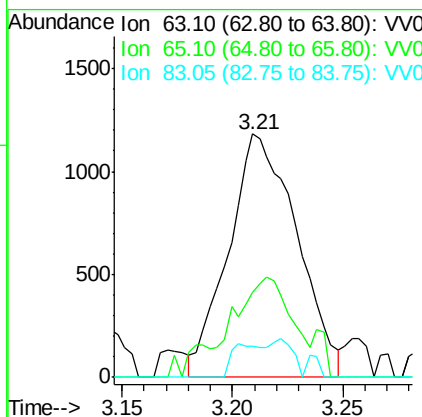
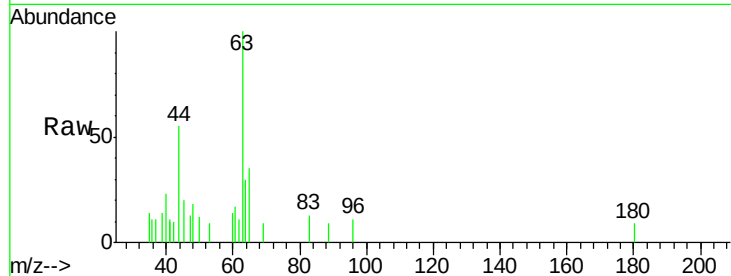




#19
 1,1-Dichloroethane
 Concen: 0.139 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017350.D
 Acq: 06 Jul 2020 14:29

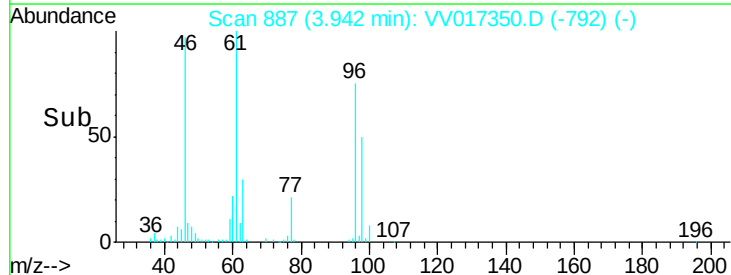
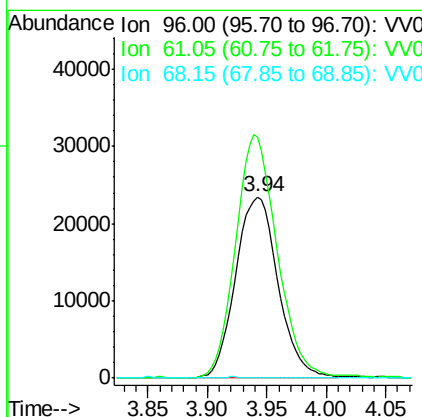
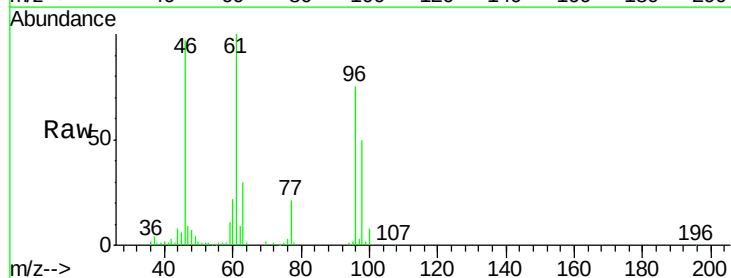
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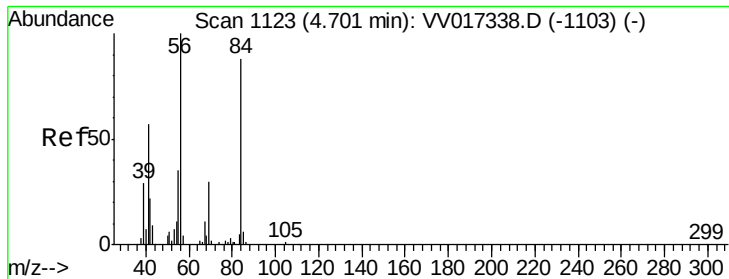
Tot Ion: 63 Resp: 2540
 Ion Ratio Lower Upper
 63 100
 65 26.7 21.8 40.4
 83 9.7 9.7 17.9



#22
 cis-1,2-Dichloroethene
 Concen: 5.216 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017350.D
 Acq: 06 Jul 2020 14:29

Tgt Ion: 96 Resp: 58135
 Ion Ratio Lower Upper
 96 100
 61 133.4 91.0 169.0
 68 0.0 0.0 0.0

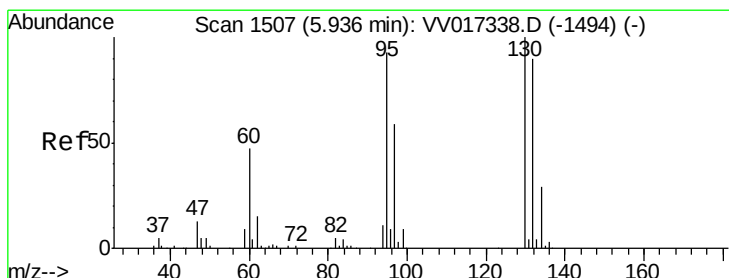
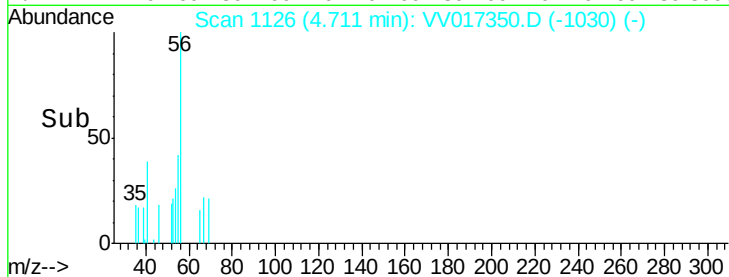
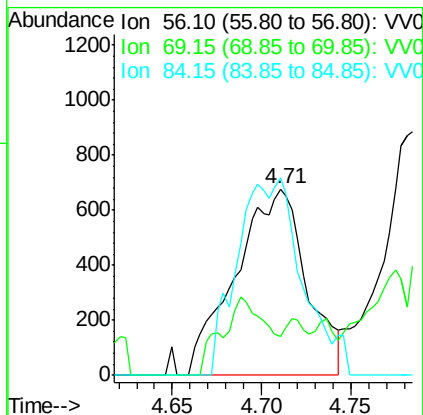
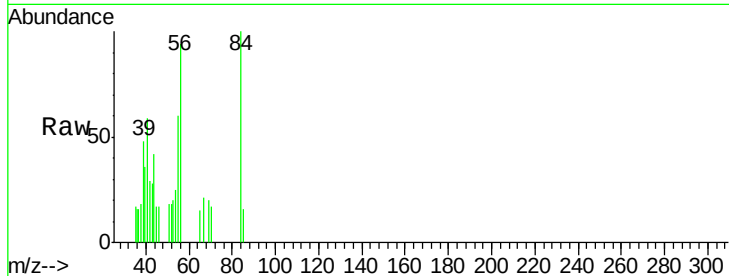




#30
Cyclohexane
Concen: 0.105 ug/L
RT: 4.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Instrument :
MSVOA_V
ClientSampleId :
H4273

Tot Ion: 56 Resp: 1885
Ion Ratio Lower Upper
56 100
69 9.1 24.4 36.6#
84 0.0 69.9 104.9#



#34
Trichloroethene
Concen: 0.204 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Tgt Ion: 95 Resp: 2456
Ion Ratio Lower Upper
95 100
97 65.7 45.3 84.1
132 101.9 68.8 127.8
130 79.4 70.2 130.4

