

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017659.D
 Acq On : 24 Jul 2020 21:00
 Operator : SY/MD
 Sample : L3446-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:12:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	151420	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148566	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	70835	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31416	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.58	69	26913	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	56566	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.96	46	72910	42.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.30%
24) Chloroform-d	4.37	84	84961	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.06	65	44946	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.07	84	152138	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.09	67	40717	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.34	98	138140	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
45) trans-1,3-Dichloropropene-	7.65	79	16844	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	8.12	63	48534	37.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.92%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27832	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	54815	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

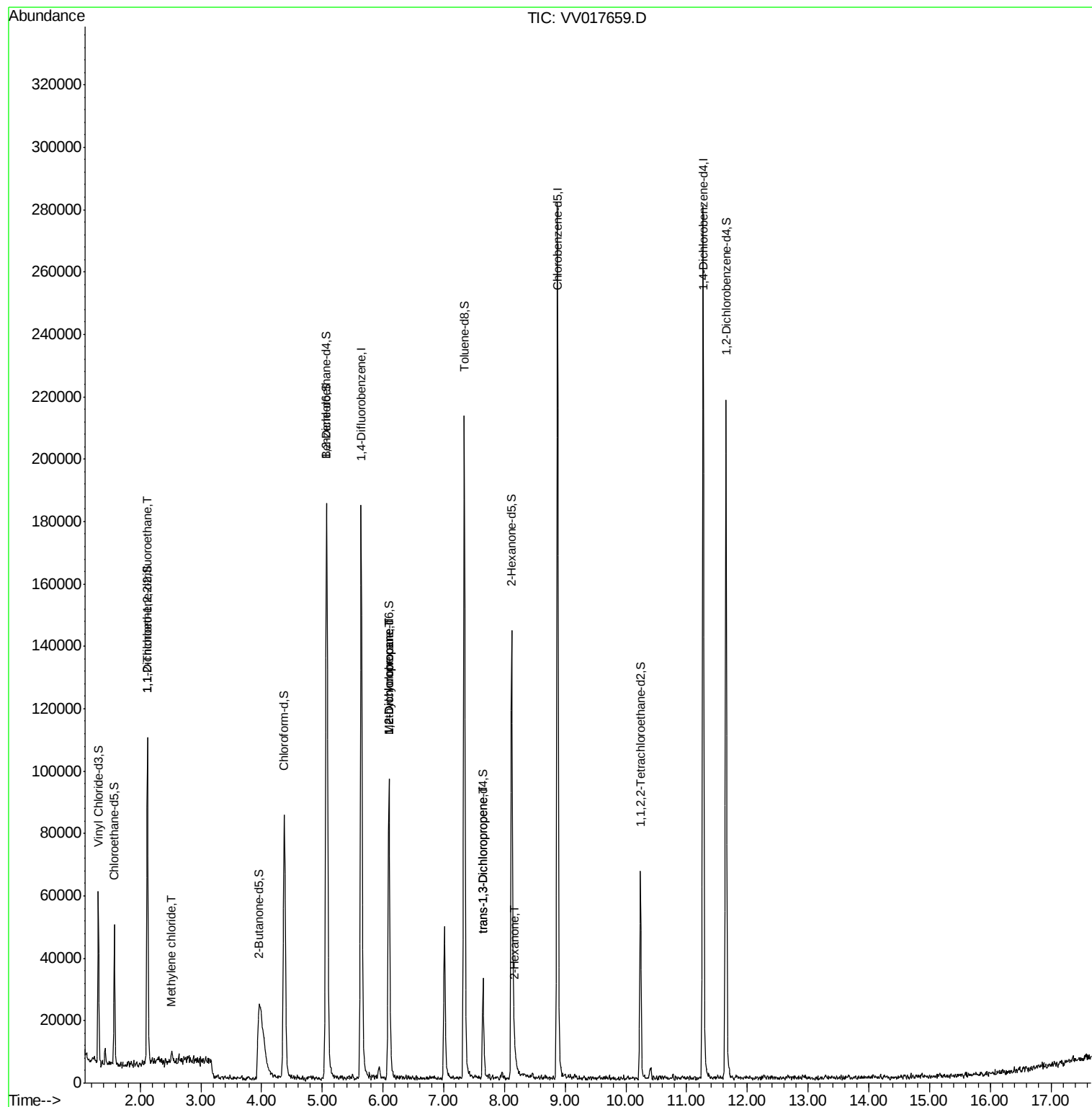
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	728	0.081	ug/L # 24
16) Methylene chloride	2.52	84	950	0.105	ug/L # 85
35) Methylcyclohexane	6.10	83	11872	0.668	ug/L # 19
37) 1,2-Dichloropropane	6.09	63	5749	0.582	ug/L # 84
46) trans-1,3-Dichloropropene	7.65	75	1042	0.078	ug/L # 95
50) 2-Hexanone	8.17	43	3236	0.844	ug/L # 92

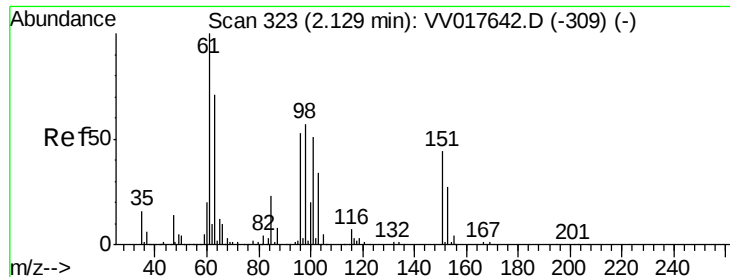
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.081 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017659.D

Acq: 24 Jul 2020 21:00

Instrument :

MSVOA_V

ClientSampleId :

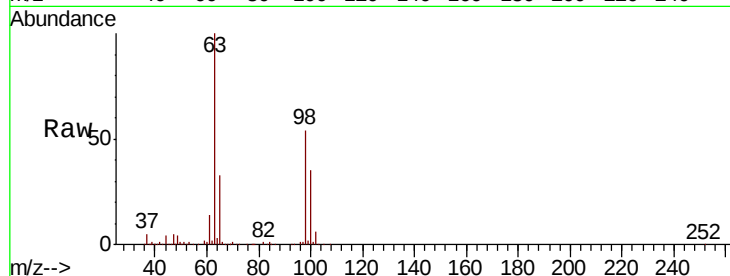
Tot Ion:101 Resp: 728

Ion Ratio Lower Upper

101 100

85 2.7 34.6 51.8#

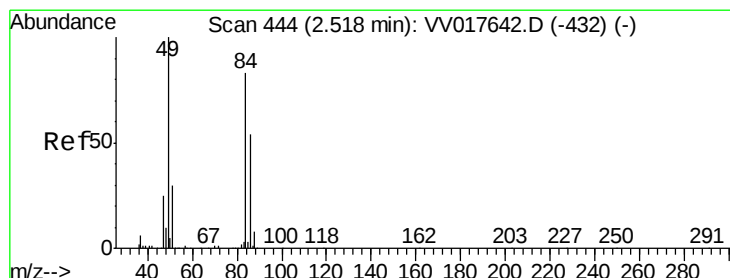
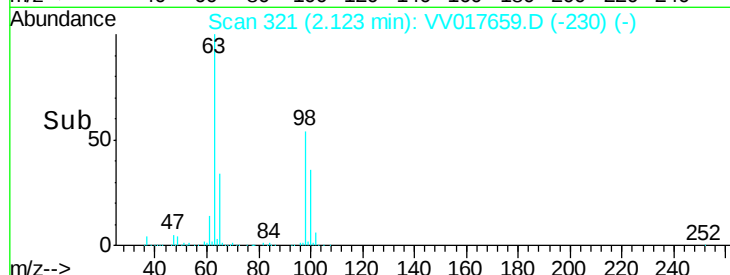
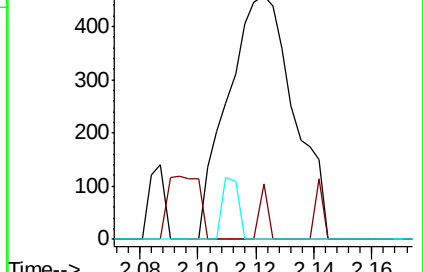
151 5.9 63.5 95.3#



Abundance Ion 101.00 (100.70 to 101.70): VV017642.D (-309) (-)

Ion 85.00 (84.70 to 85.70): VV017642.D (-309) (-)

Ion 151.00 (150.70 to 151.70): VV017642.D (-309) (-)



#16

Methylene chloride

Concen: 0.105 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017659.D

Acq: 24 Jul 2020 21:00

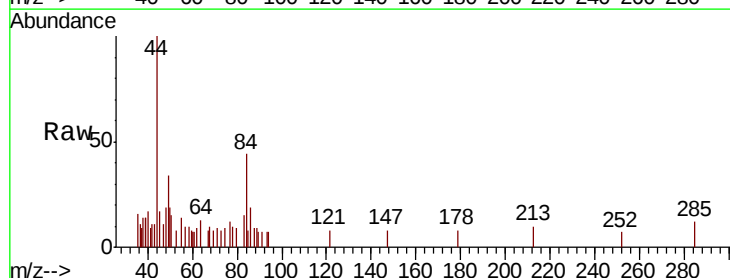
Tgt Ion: 84 Resp: 950

Ion Ratio Lower Upper

84 100

86 42.8 46.5 86.3#

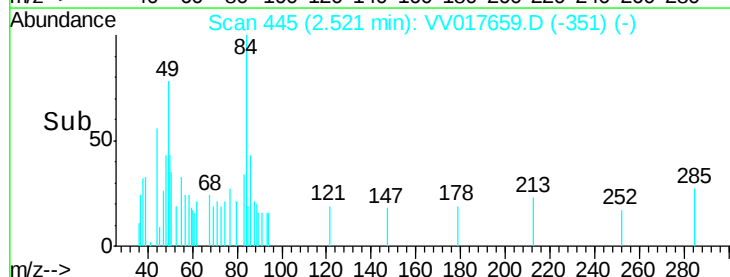
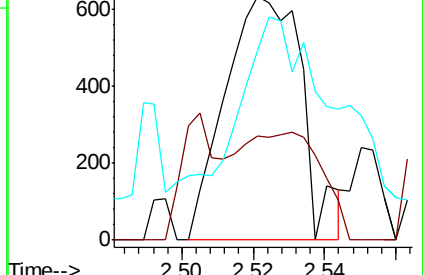
49 120.7 79.2 147.2

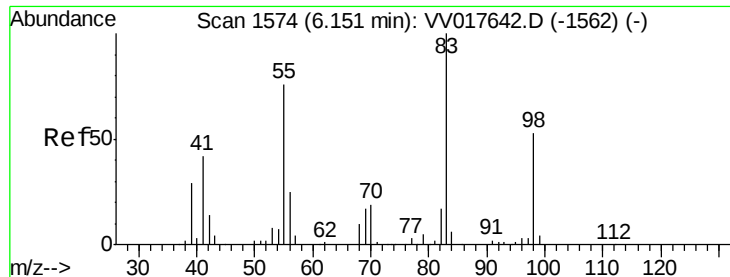


Abundance Ion 84.05 (83.75 to 84.75): VV017642.D (-432) (-)

Ion 86.00 (85.70 to 86.70): VV017642.D (-432) (-)

Ion 49.10 (48.80 to 49.80): VV017642.D (-432) (-)

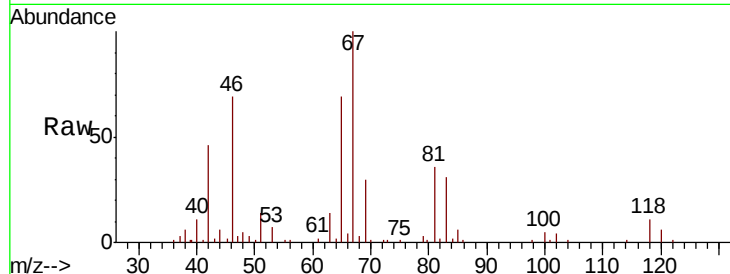




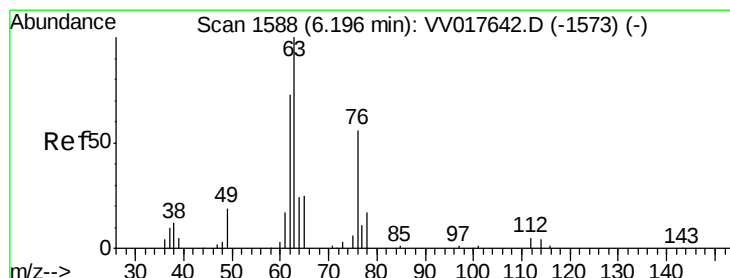
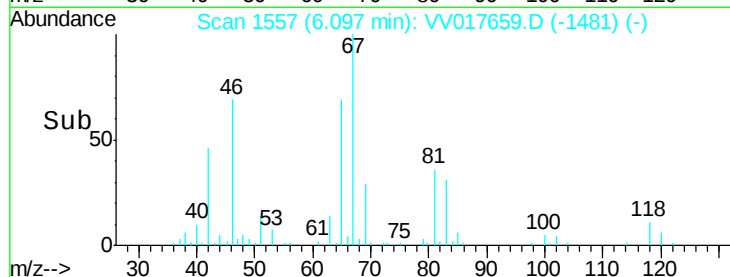
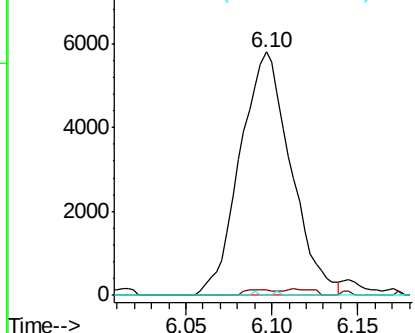
#35
Methvlcvclohexane
Concen: 0.668 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017659.D
Acq: 24 Jul 2020 21:00

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11872
Ion Ratio Lower Upper
83 100
55 1.5 61.8 92.8#
98 0.2 39.0 58.6#

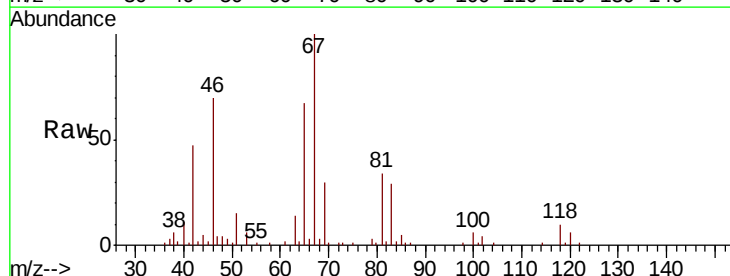


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

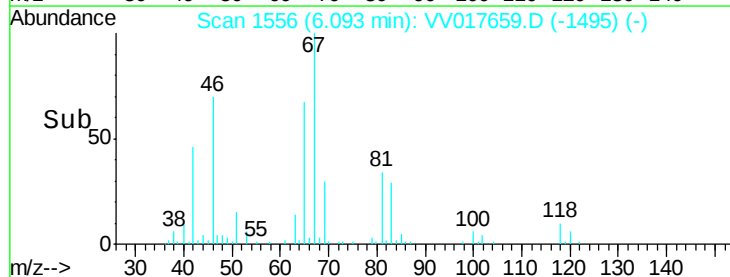
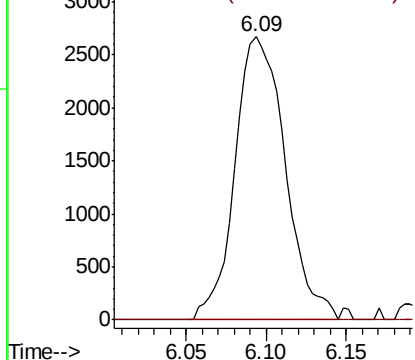


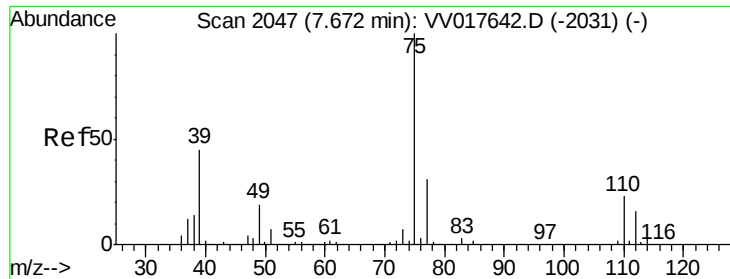
#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017659.D
Acq: 24 Jul 2020 21:00

Tgt Ion: 63 Resp: 5749
Ion Ratio Lower Upper
63 100
112 0.3 4.5 6.7#



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





#46

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV017659.D

Acq: 24 Jul 2020 21:00

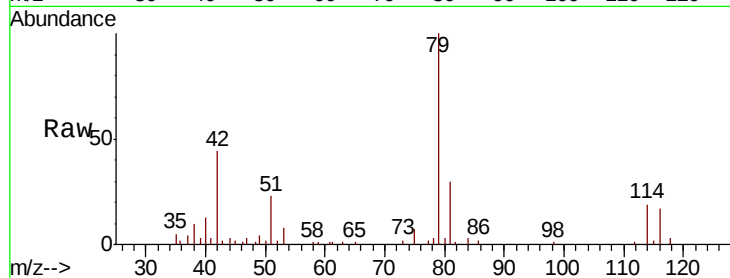
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 1042

Ion Ratio Lower Upper

75 100

77 29.3 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

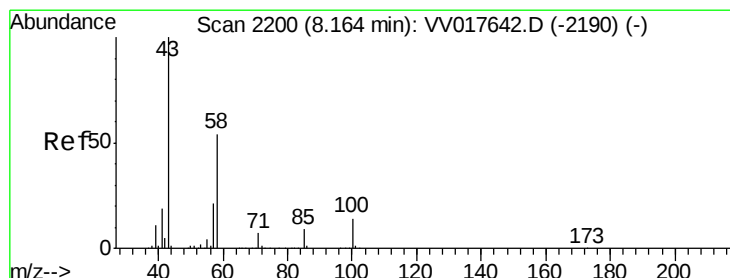
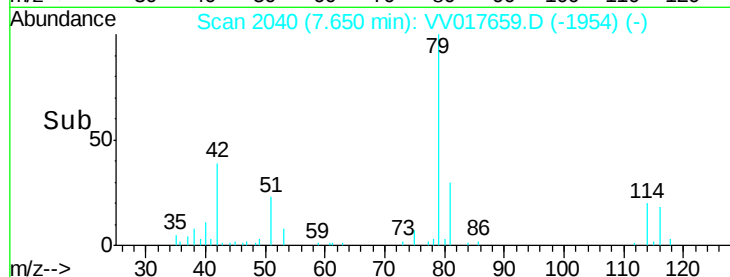
600

400

200

0

Time-->



#50

2-Hexanone

Concen: 0.844 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017659.D

Acq: 24 Jul 2020 21:00

Tgt Ion: 43 Resp: 3236

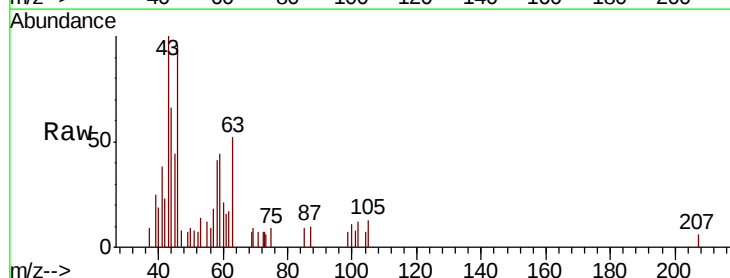
Ion Ratio Lower Upper

43 100

58 53.7 41.6 62.4

57 15.0 15.4 23.0#

100 4.0 11.2 16.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

8.17

5000

4000

3000

2000

1000

0

Time-->

