

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072920\
 Data File : VV017722.D
 Acq On : 29 Jul 2020 11:52
 Operator : SY/MD
 Sample : L3470-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 04:30:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 30 04:28:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	105071	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	103261	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	52297	5.00	ug/L	0.00

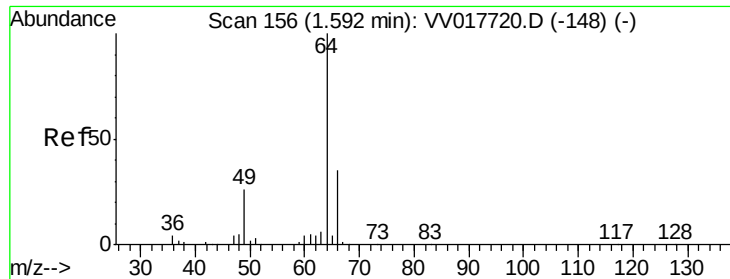
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21424	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.58	69	18649	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	41066	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.93	46	72736	60.60	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.20%
24) Chloroform-d	4.38	84	59309	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	36113	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.08	84	101964	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.10	67	27923	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.34	98	92424	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
45) trans-1,3-Dichloropropene-	7.65	79	13072	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	8.11	63	45226	50.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24063	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	42292	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.82	64	396	0.091	ug/L	87
13) Acetone	2.20	43	4687	4.988	ug/L #	52
15) Methyl Acetate	2.48	43	425	0.232	ug/L #	69
16) Methylene chloride	2.52	84	1811	0.288	ug/L	88
22) cis-1,2-Dichloroethene	3.94	96	2426	0.312	ug/L	95
25) Chloroform	4.41	83	6356	0.437	ug/L	94
34) Trichloroethene	5.94	95	26720	3.273	ug/L	95
35) Methylcyclohexane	6.09	83	8862	0.718	ug/L #	19
42) Toluene	7.42	91	4598	0.144	ug/L	98
50) 2-Hexanone	8.17	43	3248	1.219	ug/L #	90

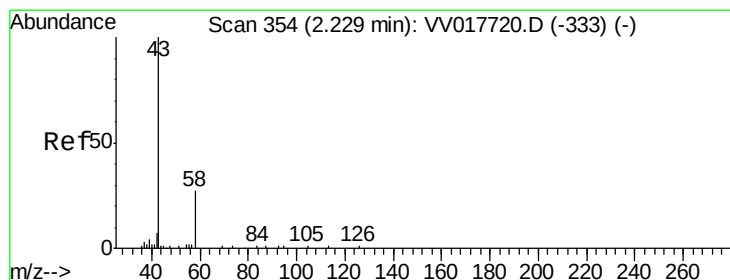
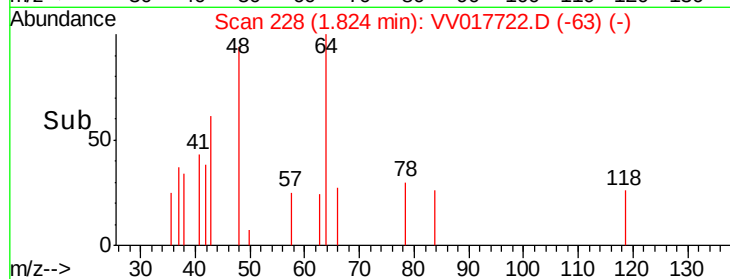
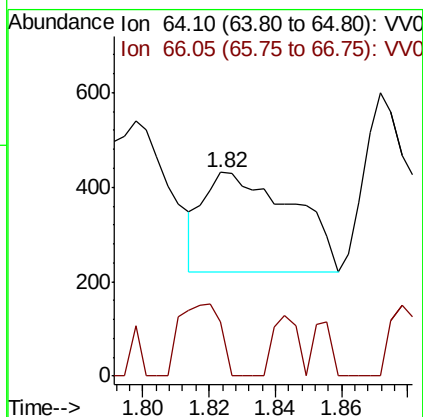
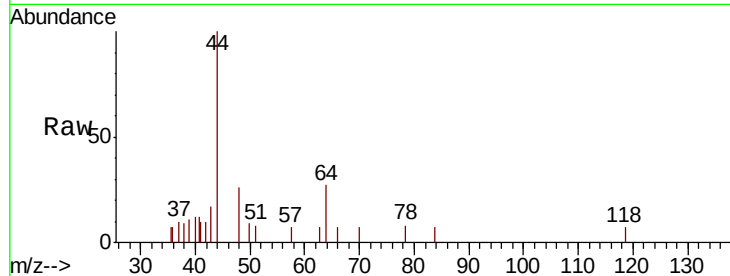
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 0.091 ug/L
RT: 1.82 min Scan# 228
Delta R.T. 0.23 min
Lab File: VV017722.D
Acq: 29 Jul 2020 11:52

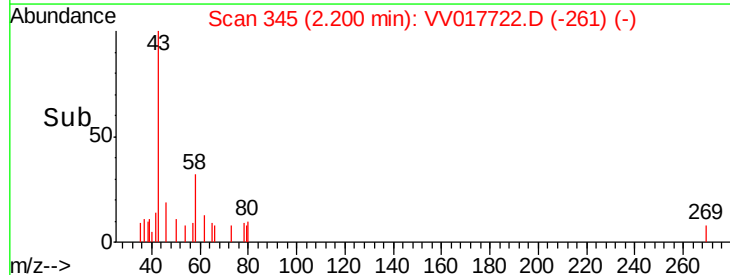
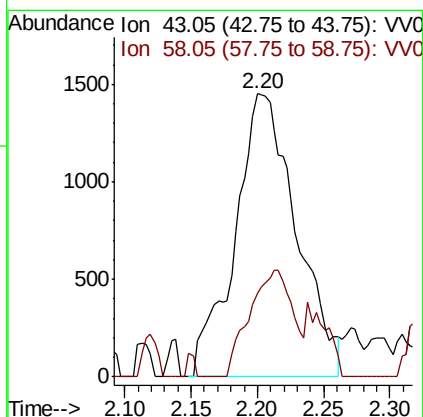
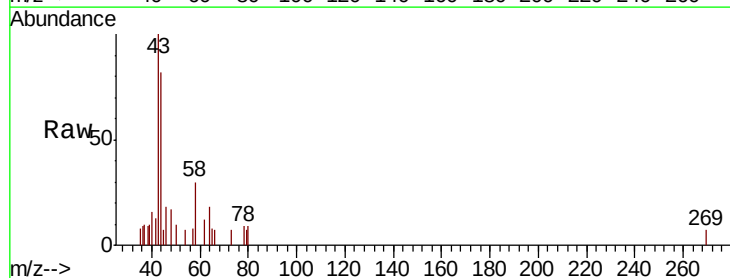
Instrument :
MSVOA_V
ClientSampled :

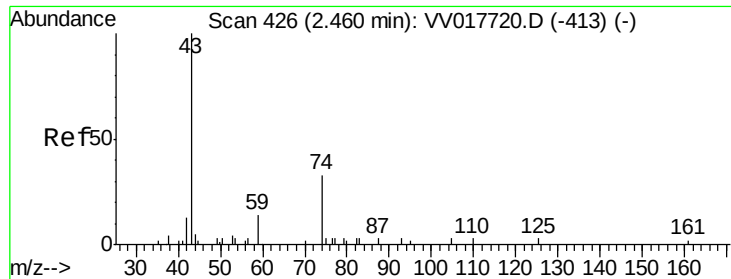
Tot Ion: 64 Resp: 396
Ion Ratio Lower Upper
64 100
66 26.9 24.0 44.6



#13
Acetone
Concen: 4.988 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.03 min
Lab File: VV017722.D
Acq: 29 Jul 2020 11:52

Tgt Ion: 43 Resp: 4687
Ion Ratio Lower Upper
43 100
58 26.6 0.0 18.6#

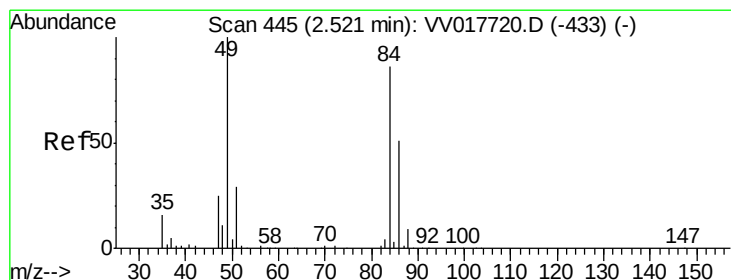
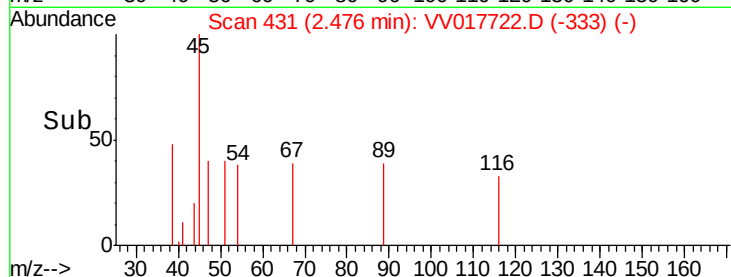
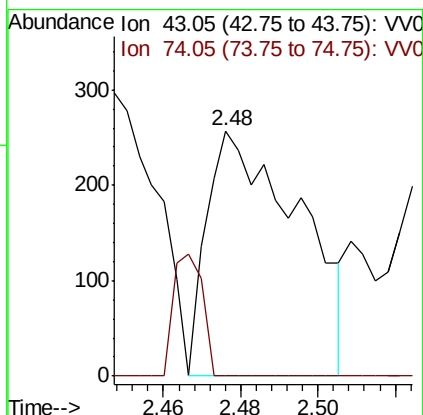
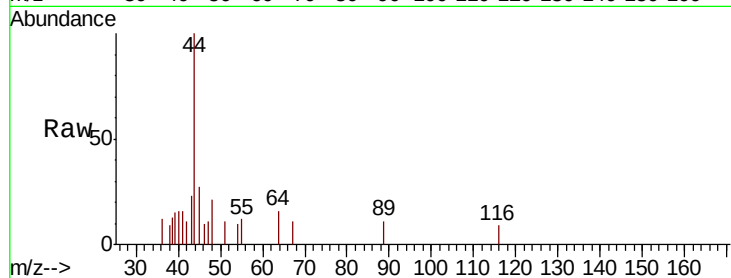




#15
Methyl Acetate
Concen: 0.232 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.02 min
Lab File: VV017722.D
Acq: 29 Jul 2020 11:52

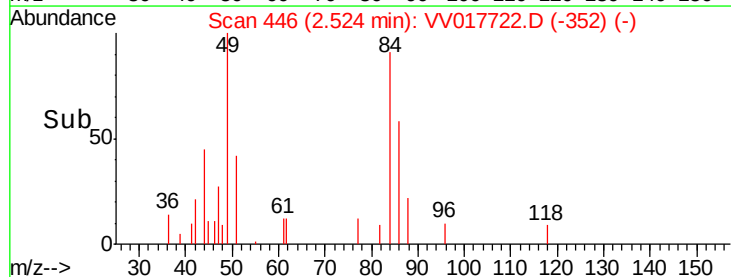
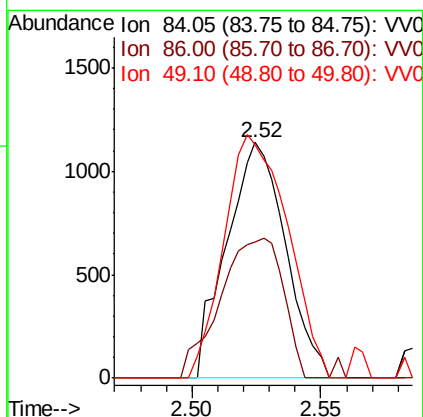
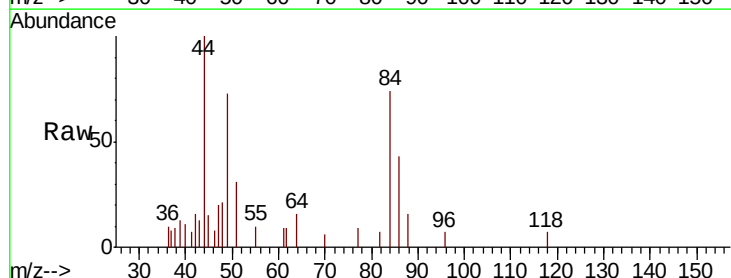
Instrument :
MSVOA_V
ClientSampleId :

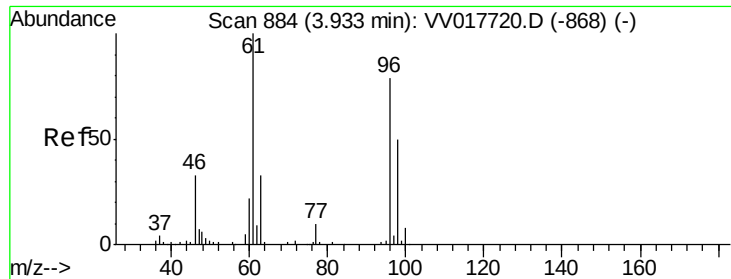
Tot Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
74 15.8 26.6 40.0#



#16
Methylene chloride
Concen: 0.288 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017722.D
Acq: 29 Jul 2020 11:52

Tgt Ion: 84 Resp: 1811
Ion Ratio Lower Upper
84 100
86 57.6 46.5 86.3
49 98.9 79.2 147.2



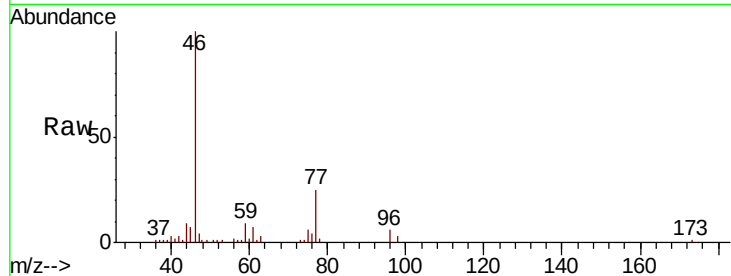


#22

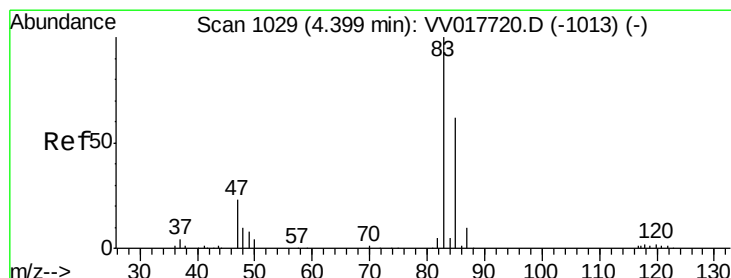
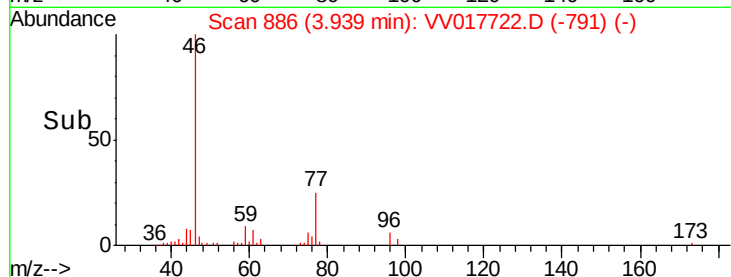
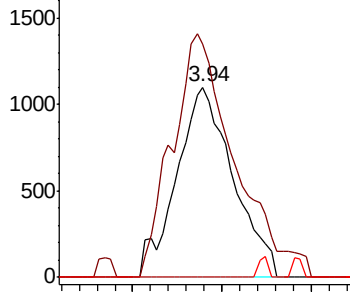
cis-1,2-Dichloroethene
 Concen: 0.312 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017722.D
 Acq: 29 Jul 2020 11:52

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.6	89.6	166.4
68	0.0	0.0	0.0



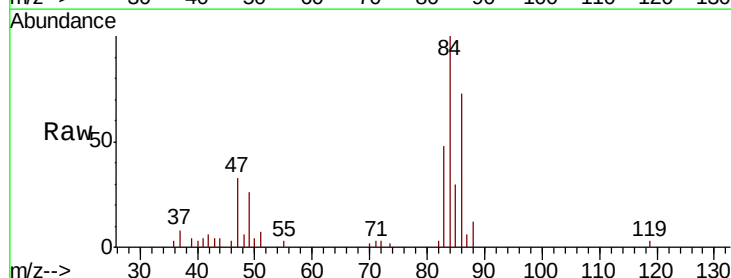
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



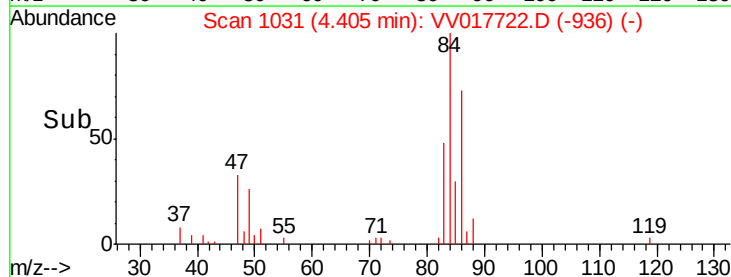
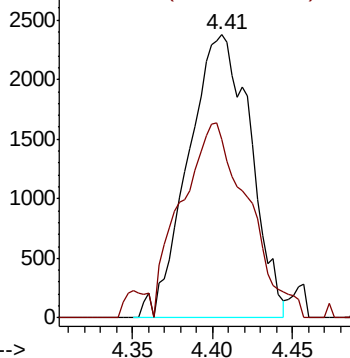
#25

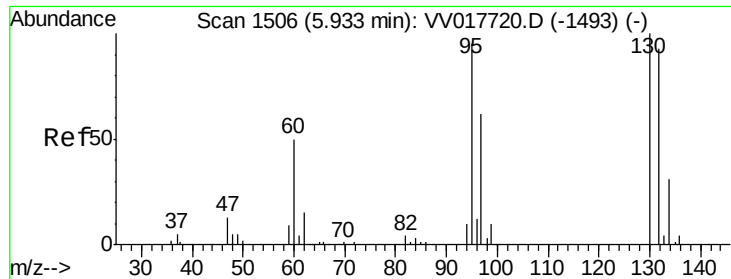
Chloroform
 Concen: 0.437 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV017722.D
 Acq: 29 Jul 2020 11:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	47.3	87.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 3.273 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV017722.D

Acq: 29 Jul 2020 11:52

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 26720

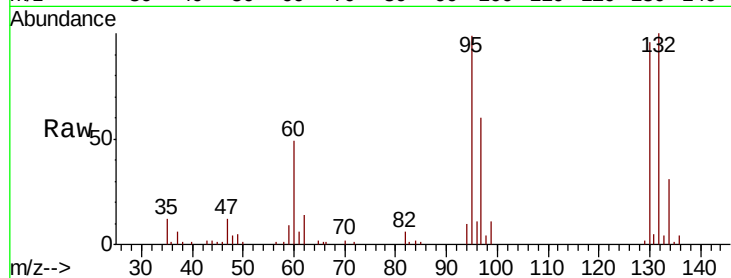
Ion Ratio Lower Upper

95 100

97 60.9 46.1 85.5

132 100.8 71.7 133.1

130 97.1 74.3 137.9

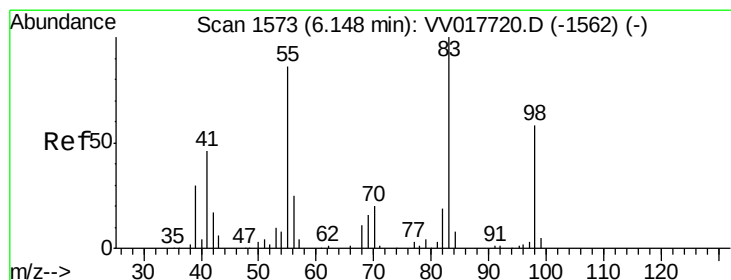
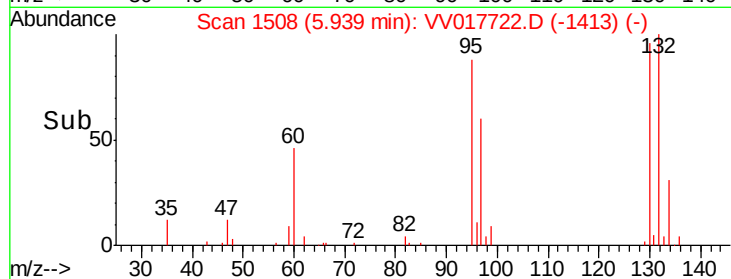
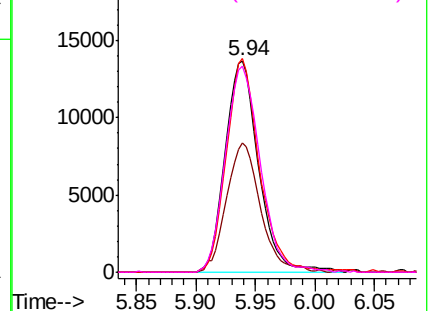


Abundance Ion 95.00 (94.70 to 95.70): VV017722.D (-1493) (-)

Ion 96.95 (96.65 to 97.65): VV017722.D (-1493) (-)

Ion 131.95 (131.65 to 132.65): VV017722.D (-1493) (-)

Ion 129.95 (129.65 to 130.65): VV017722.D (-1493) (-)



#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV017722.D

Acq: 29 Jul 2020 11:52

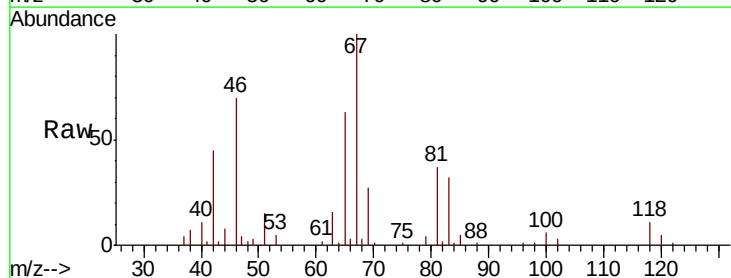
Tgt Ion: 83 Resp: 8862

Ion Ratio Lower Upper

83 100

55 0.3 61.8 92.8#

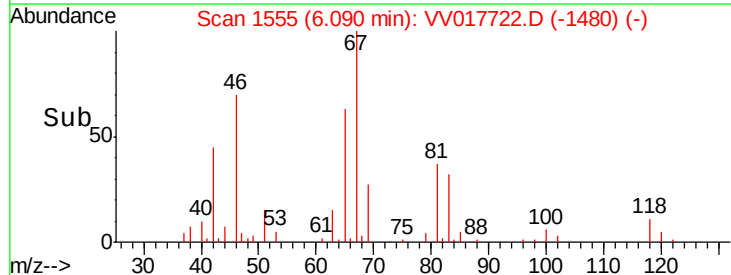
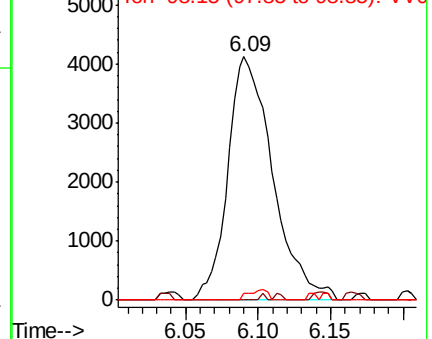
98 1.8 39.0 58.6#

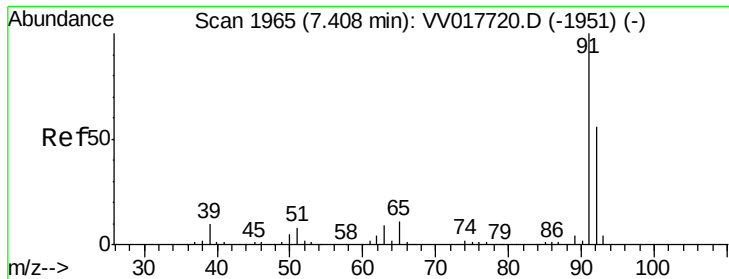


Abundance Ion 83.15 (82.85 to 83.85): VV017722.D (-1480) (-)

Ion 55.10 (54.80 to 55.80): VV017722.D (-1480) (-)

Ion 98.15 (97.85 to 98.85): VV017722.D (-1480) (-)





#42

Toluene

Concen: 0.144 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV017722.D

Acq: 29 Jul 2020 11:52

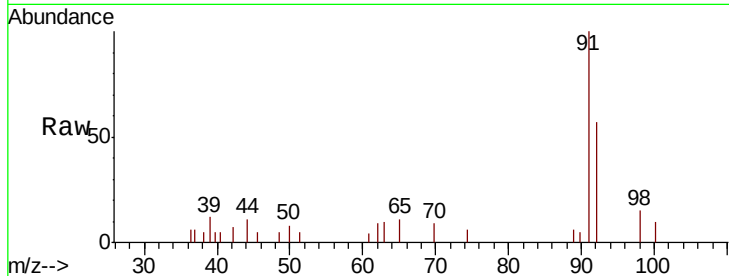
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 4598

Ion Ratio Lower Upper

91 100

92 57.1 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV017722.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV017722.D (-1951) (-)

7.42

2500

2000

1500

1000

500

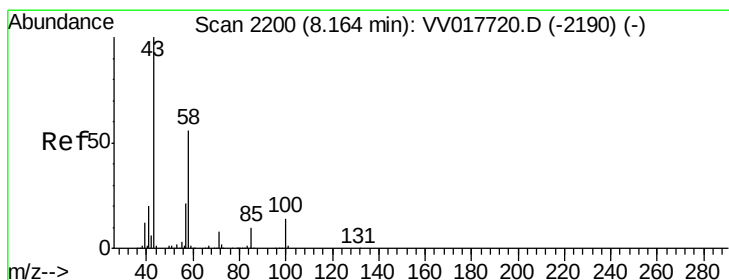
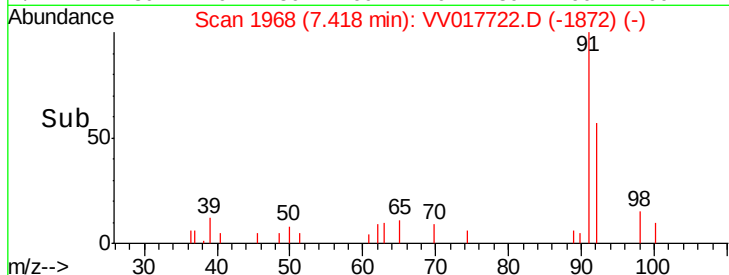
0

7.35

7.40

7.45

Time-->



#50

2-Hexanone

Concen: 1.219 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017722.D

Acq: 29 Jul 2020 11:52

Tgt Ion: 43 Resp: 3248

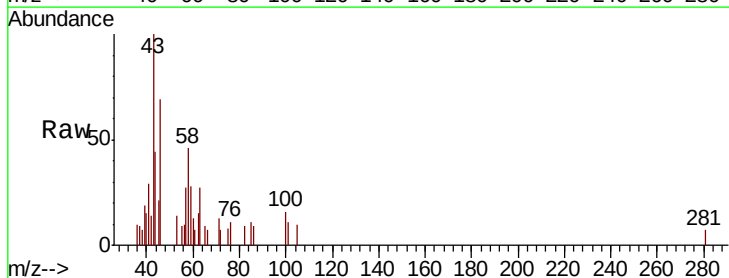
Ion Ratio Lower Upper

43 100

58 58.0 41.6 62.4

57 27.2 15.4 23.0#

100 16.2 11.2 16.8



Abundance Ion 43.05 (42.75 to 43.75): VV017722.D (-2190) (-)

Ion 58.05 (57.75 to 58.75): VV017722.D (-2190) (-)

Ion 57.20 (56.90 to 57.90): VV017722.D (-2190) (-)

Ion 100.15 (99.85 to 100.85): VV017722.D (-2190) (-)

6000

5000

4000

3000

2000

1000

0

8.15

8.20

Time-->

