

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
 Data File : VV071504.D
 Acq On : 15 Jul 2020 12:08
 Operator : SY/MD
 Sample : L3281-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX8

Quant Time: Jul 16 01:31:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 01:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142390	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139420	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	70751	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35331	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.58	69	30725	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	59421	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.92	46	84711	49.84	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.68%
24) Chloroform-d	4.38	84	83180	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.06	65	47461	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.08	84	142278	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.10	67	40569	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.34	98	133926	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
45) trans-1,3-Dichloropropene-	7.65	79	18496	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
48) 2-Hexanone-d5	8.11	63	58570	45.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28294	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	57367	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

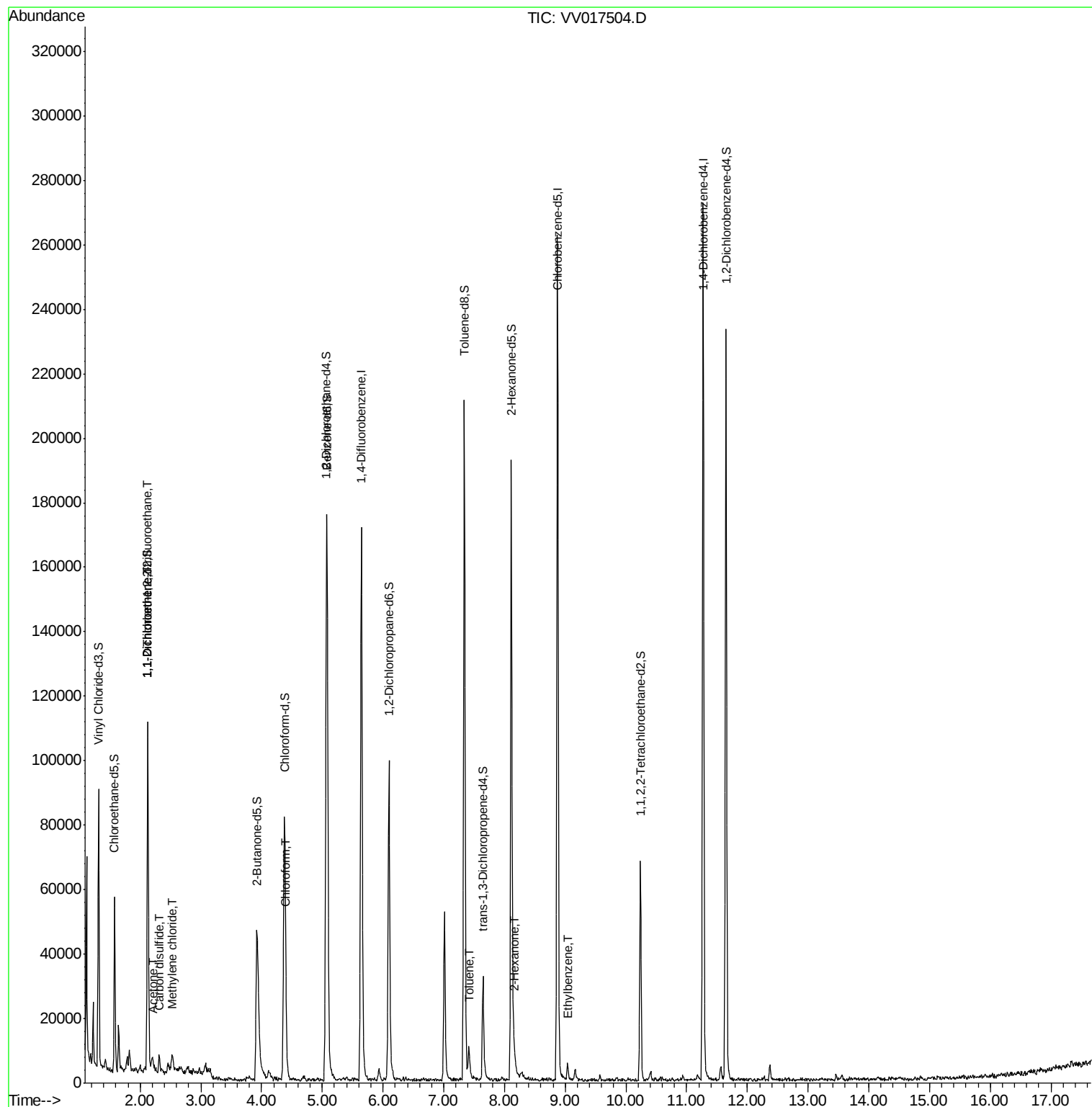
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	724	0.075 ug/L #	24
12) 1,1-Dichloroethene	2.13	96	705	0.082 ug/L #	1
13) Acetone	2.20	43	6788	5.501 ug/L	78
14) Carbon disulfide	2.32	76	5919	0.223 ug/L #	95
16) Methylene chloride	2.53	84	2231	0.216 ug/L	90
25) Chloroform	4.41	83	2705	0.141 ug/L	92
42) Toluene	7.41	91	7131	0.174 ug/L	84
50) 2-Hexanone	8.16	43	1736	0.521 ug/L #	76
54) Ethylbenzene	9.04	91	3845	0.082 ug/L	89

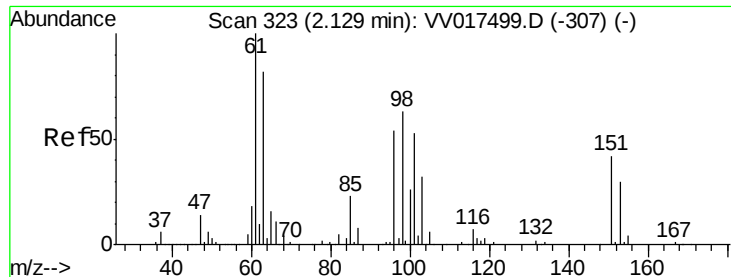
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 16 01:29:31 2020
Response via : Initial Calibration





#10

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

Concen: 0.075 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017504.D

Acq: 15 Jul 2020 12:08

Instrument :

MSVOA_V

ClientSampled :

GAXX8

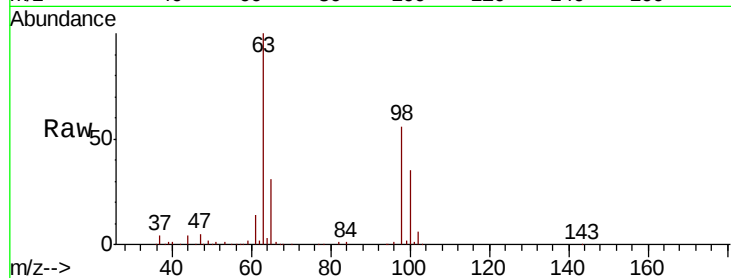
Tot Ion:101 Resp: 724

Ion Ratio Lower Upper

101 100

85 14.0 35.4 53.2#

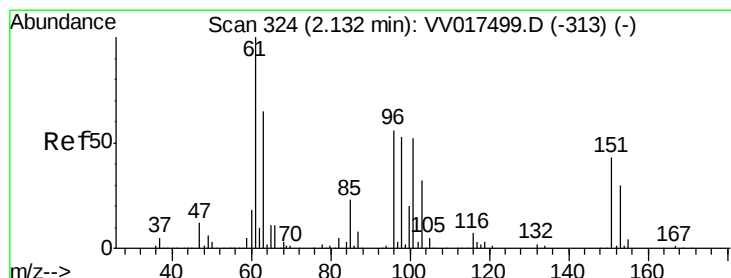
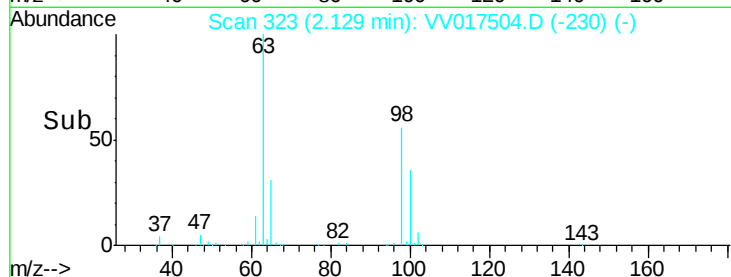
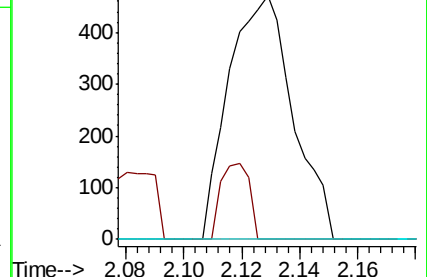
151 0.0 66.5 99.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017504.D

Acq: 15 Jul 2020 12:08

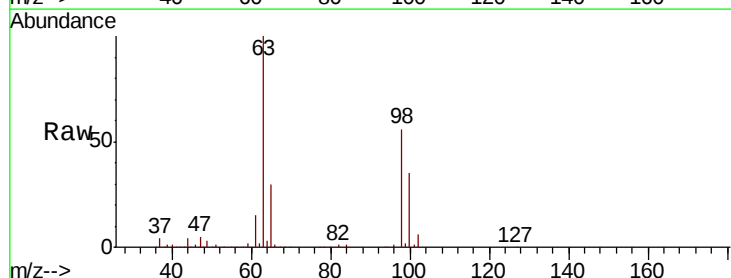
Tgt Ion: 96 Resp: 705

Ion Ratio Lower Upper

96 100

61 1278.3 137.2 254.8#

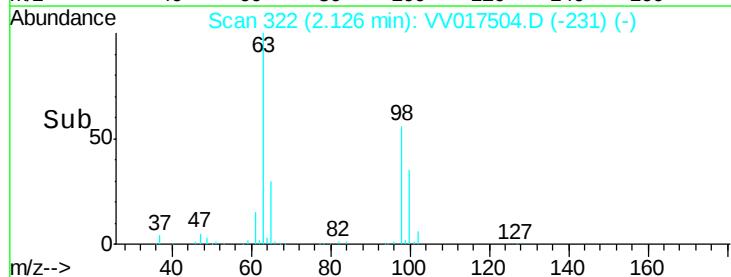
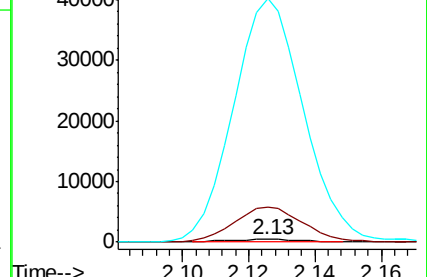
63 8789.5 103.6 192.4#

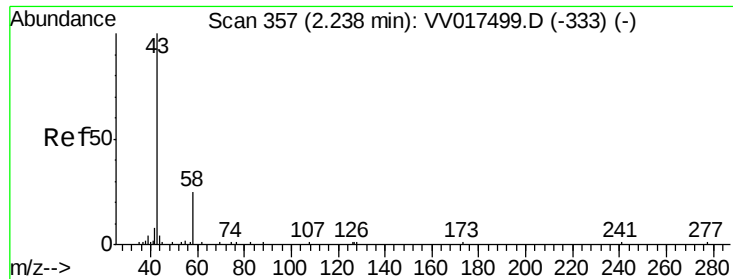


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 5.501 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.04 min

Lab File: VV017504.D

Acq: 15 Jul 2020 12:08

Instrument :

MSVOA_V

ClientSampleId :

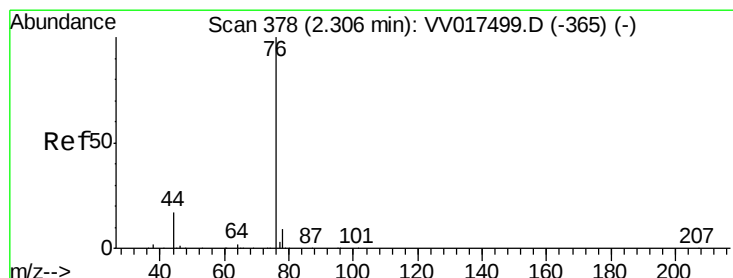
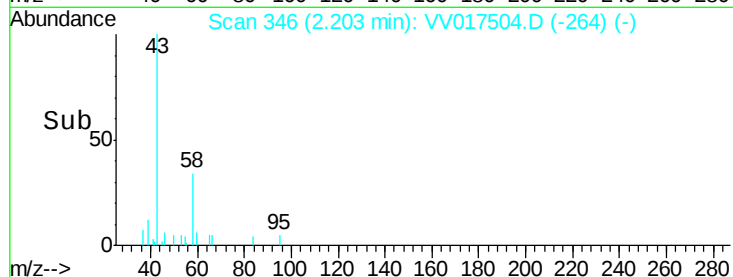
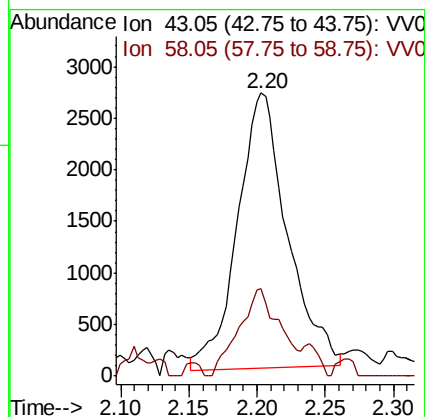
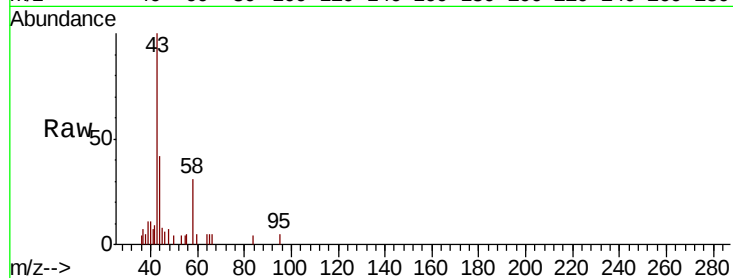
GAXX8

Tot Ion: 43 Resp: 6788

Ion Ratio Lower Upper

43 100

58 26.4 0.0 33.6



#14

Carbon disulfide

Concen: 0.223 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV017504.D

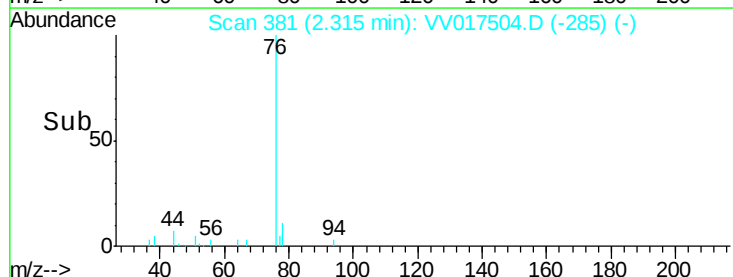
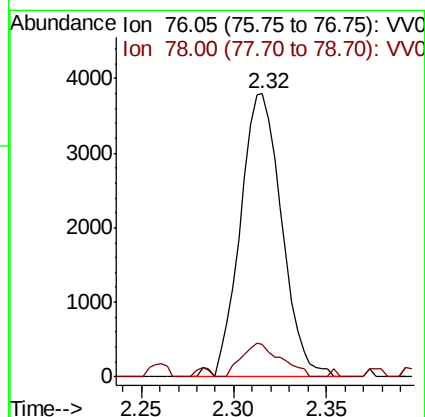
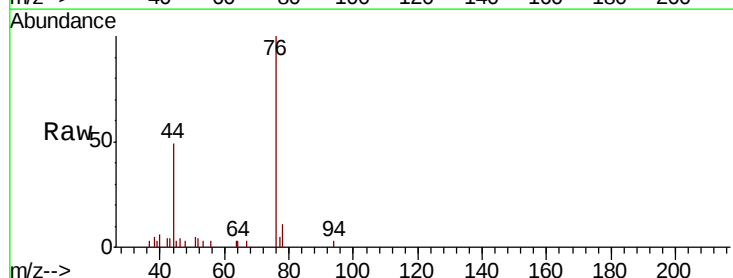
Acq: 15 Jul 2020 12:08

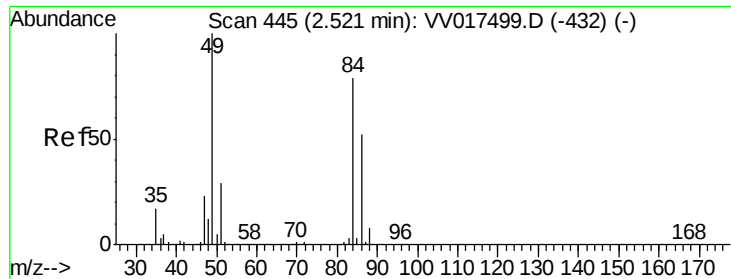
Tgt Ion: 76 Resp: 5919

Ion Ratio Lower Upper

76 100

78 11.3 7.5 11.3#

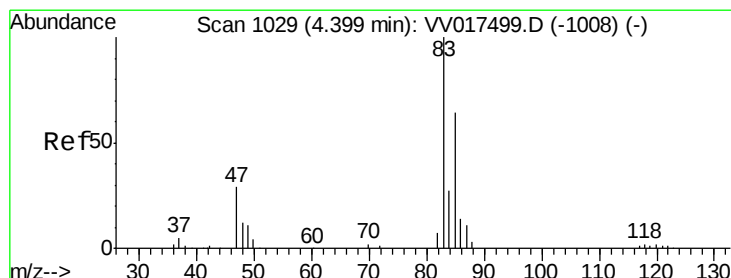
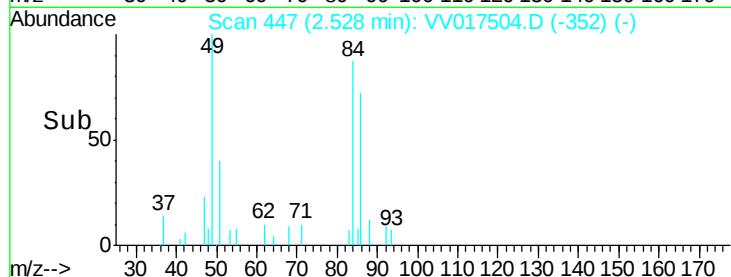
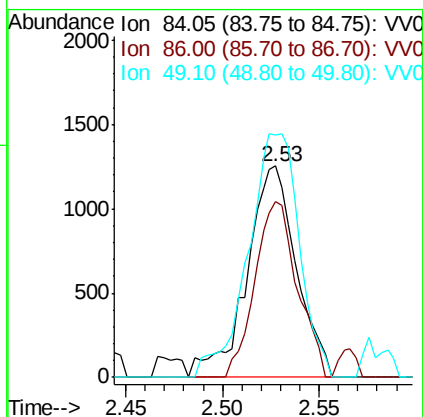
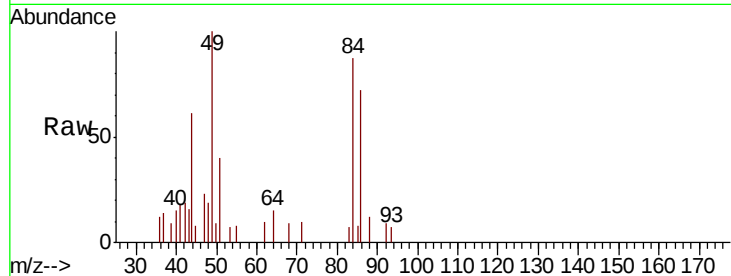




#16
Methvlene chloride
Concen: 0.216 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017504.D
Acq: 15 Jul 2020 12:08

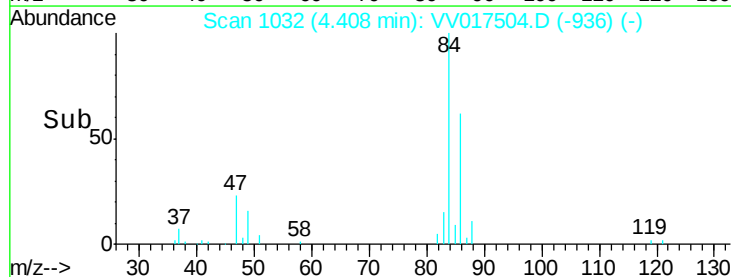
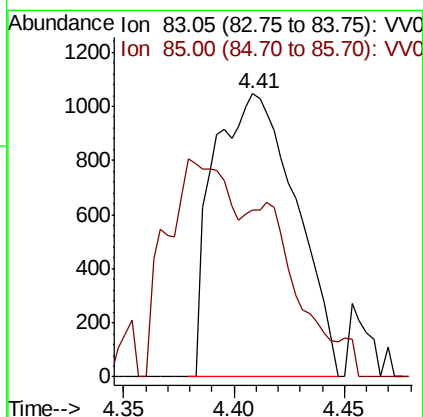
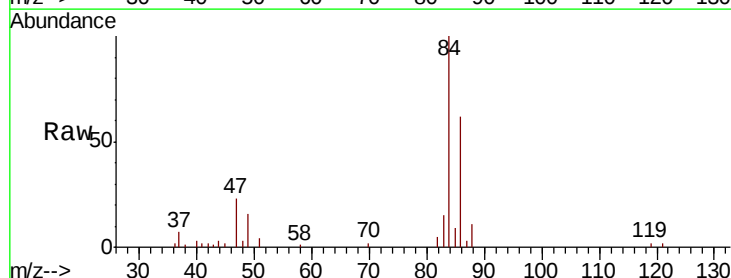
Instrument :
MSVOA_V
ClientSampled :
GAXX8

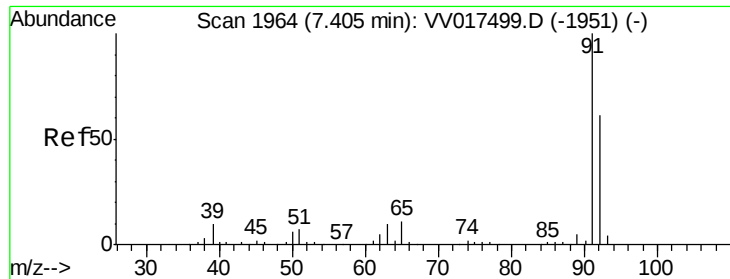
Tot Ion: 84 Resp: 2231
Ion Ratio Lower Upper
84 100
86 83.1 45.5 84.5
49 124.8 84.6 157.0



#25
Chloroform
Concen: 0.141 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017504.D
Acq: 15 Jul 2020 12:08

Tgt Ion: 83 Resp: 2705
Ion Ratio Lower Upper
83 100
85 58.8 45.4 84.4





#42

Toluene

Concen: 0.174 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017504.D

Acq: 15 Jul 2020 12:08

Instrument :

MSVOA_V

ClientSampleId :

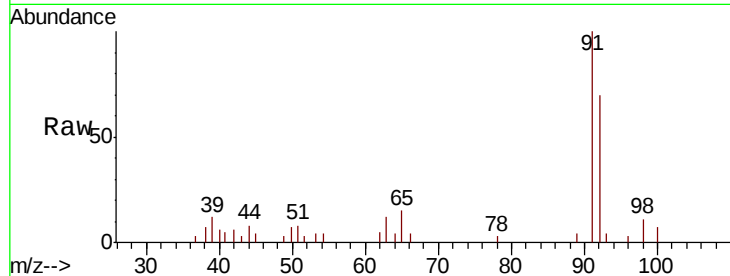
GAXX8

Tot Ion: 91 Resp: 7131

Ion Ratio Lower Upper

91 100

92 70.1 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV017499.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV017499.D (-1951) (-)

7.41

4000

3000

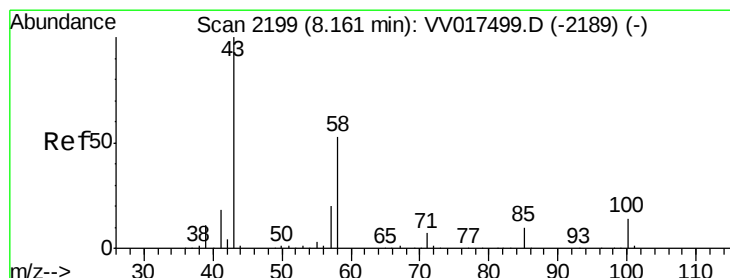
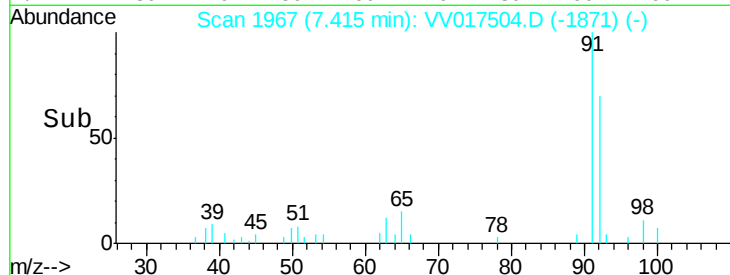
2000

1000

0

7.35 7.40 7.45 7.50

Time-->



#50

2-Hexanone

Concen: 0.521 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VV017504.D

Acq: 15 Jul 2020 12:08

Tgt Ion: 43 Resp: 1736

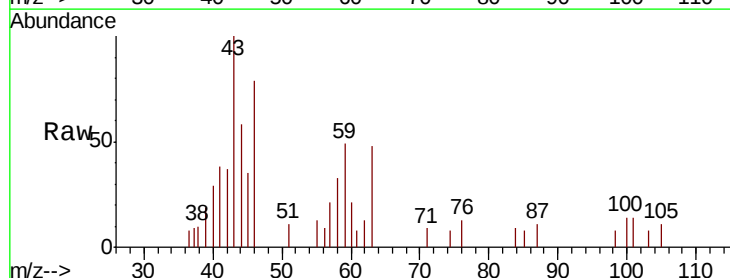
Ion Ratio Lower Upper

43 100

58 33.0 43.0 64.4#

57 8.5 16.8 25.2#

100 16.7 11.8 17.6



Abundance Ion 43.05 (42.75 to 43.75): VV017499.D (-2189) (-)

Ion 58.05 (57.75 to 58.75): VV017499.D (-2189) (-)

Ion 57.20 (56.90 to 57.90): VV017499.D (-2189) (-)

Ion 100.15 (99.85 to 100.85): VV017499.D (-2189) (-)

3000

2500

2000

1500

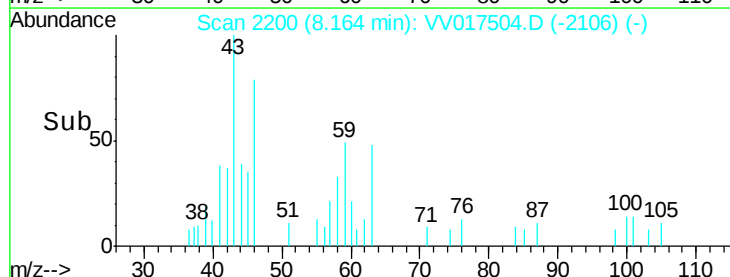
1000

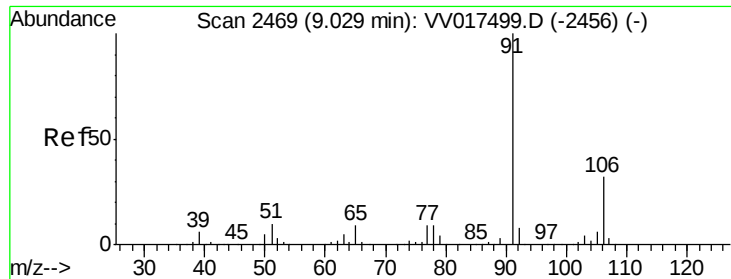
500

0

8.14 8.16 8.18 8.20

Time-->





#54
 Ethylbenzene
 Concen: 0.082 ug/L
 RT: 9.04 min Scan# 2471
 Delta R.T. 0.01 min
 Lab File: VV017504.D
 Acq: 15 Jul 2020 12:08

Instrument :
 MSVOA_V
 ClientSampleID :
 GAXX8

Tot Ion: 91 Resp: 3845
 Ion Ratio Lower Upper
 91 100
 106 25.4 21.9 40.7

