

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017490.D
 Acq On : 14 Jul 2020 18:03
 Operator : SY/MD
 Sample : L3281-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXW8

Quant Time: Jul 15 03:07:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	133486	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	127120	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38794	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	31524	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	60852	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.92	46	85891	53.91	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.82%
24) Chloroform-d	4.38	84	83778	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	48444	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.08	84	148198	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.09	67	41439	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.34	98	134270	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
45) trans-1,3-Dichloropropene-	7.65	79	18985	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
48) 2-Hexanone-d5	8.11	63	60935	51.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29353	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	58818	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

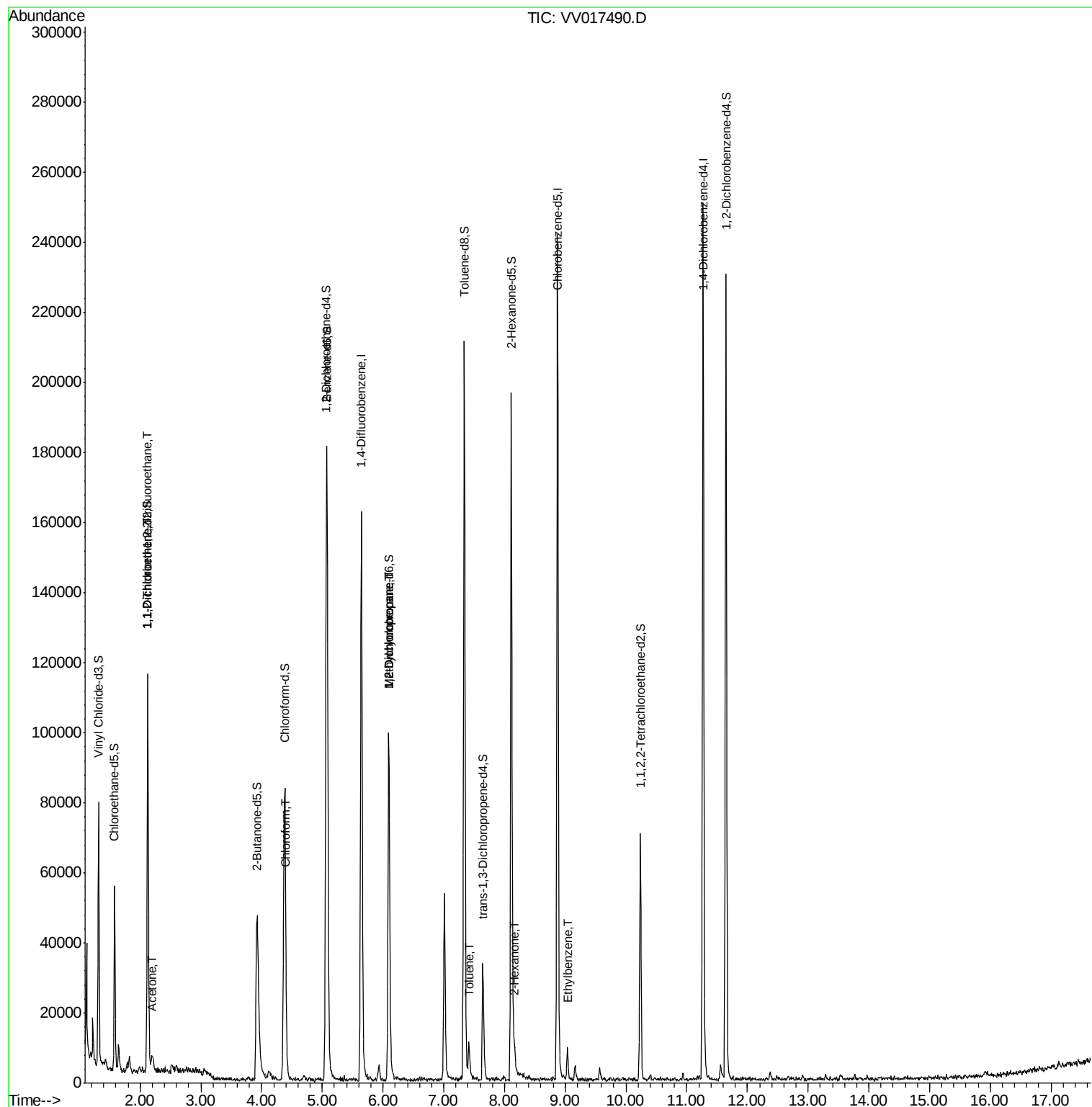
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	703	0.078 ug/L #	26
12) 1,1-Dichloroethene	2.13	96	654	0.081 ug/L #	1
13) Acetone	2.20	43	7240	6.259 ug/L	76
25) Chloroform	4.41	83	3971	0.221 ug/L	95
35) Methylcyclohexane	6.10	83	11978	0.788 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	5900	0.753 ug/L #	86
42) Toluene	7.42	91	7350	0.197 ug/L	78
50) 2-Hexanone	8.17	43	2352	0.774 ug/L #	89
54) Ethylbenzene	9.04	91	5521	0.129 ug/L	97

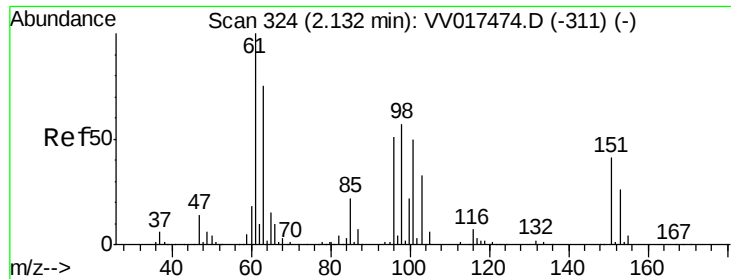
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 02:49:58 2020
Response via : Initial Calibration





#10

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

Concen: 0.078 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017490.D

Acq: 14 Jul 2020 18:03

Instrument :

MSVOA_V

ClientSampleId :

GAXW8

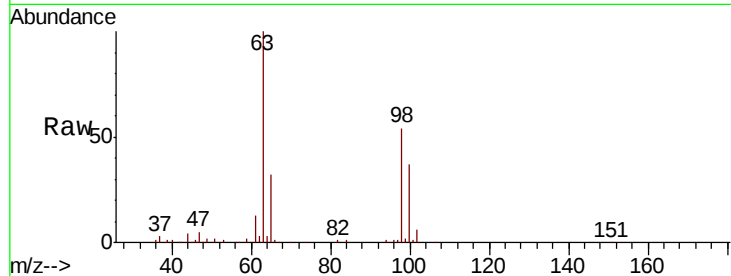
Tot Ion:101 Resp: 703

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

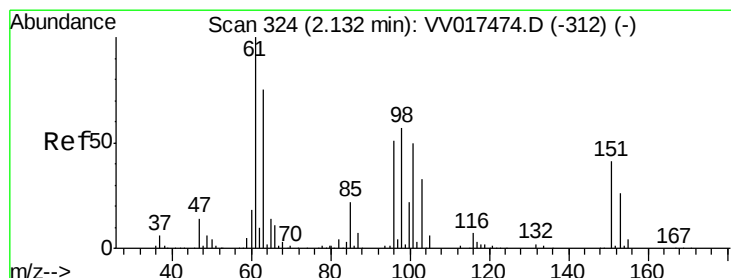
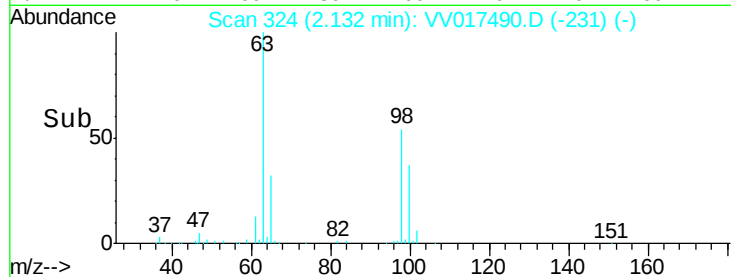
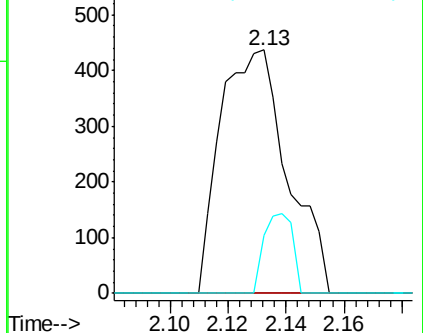
151 14.2 66.5 99.7#



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: 0.081 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017490.D

Acq: 14 Jul 2020 18:03

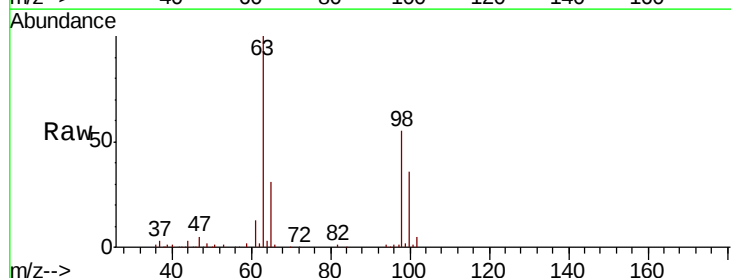
Tgt Ion: 96 Resp: 654

Ion Ratio Lower Upper

96 100

61 1851.6 137.2 254.8#

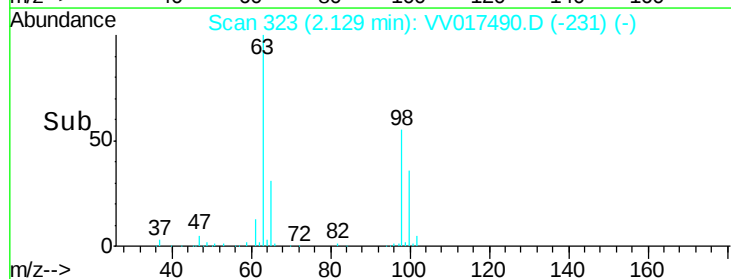
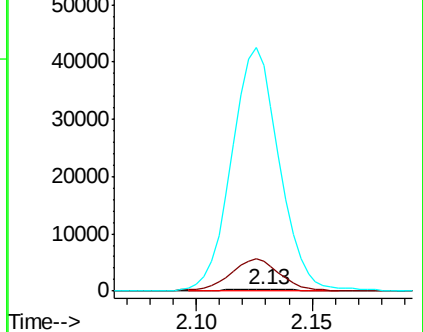
63 14061.2 103.6 192.4#

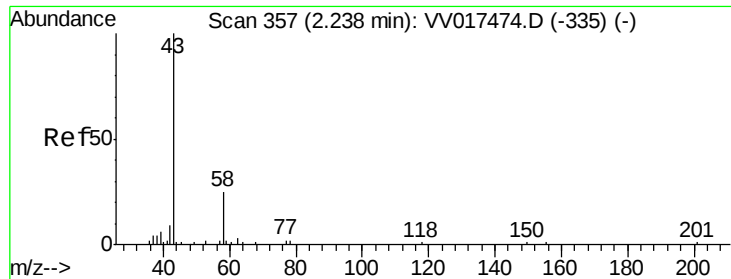


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 6.259 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.04 min

Lab File: VV017490.D

Acq: 14 Jul 2020 18:03

Instrument :

MSVOA_V

ClientSampleId :

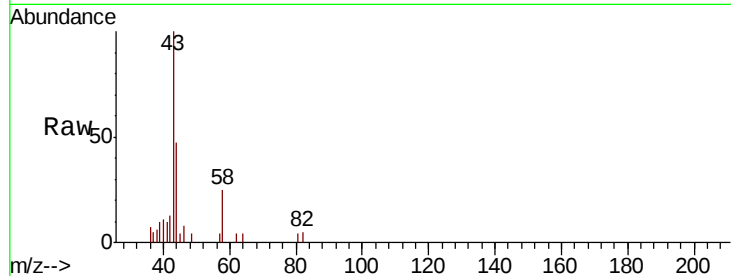
GAXW8

Tot Ion: 43 Resp: 7240

Ion Ratio Lower Upper

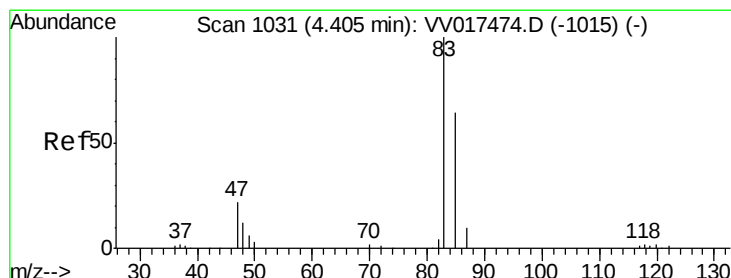
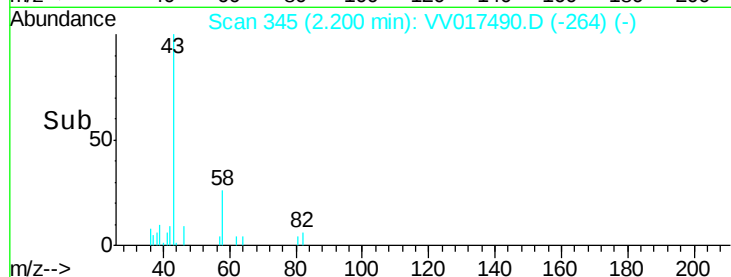
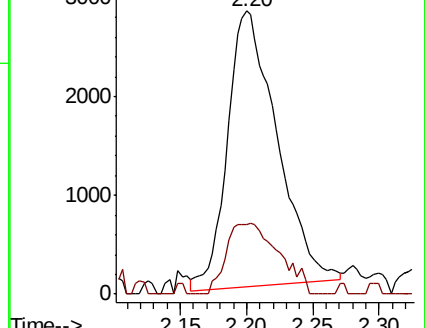
43 100

58 27.2 0.0 33.6



Abundance Ion 43.05 (42.75 to 43.75): VV017474.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV017474.D (-335) (-)



#25

Chloroform

Concen: 0.221 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV017490.D

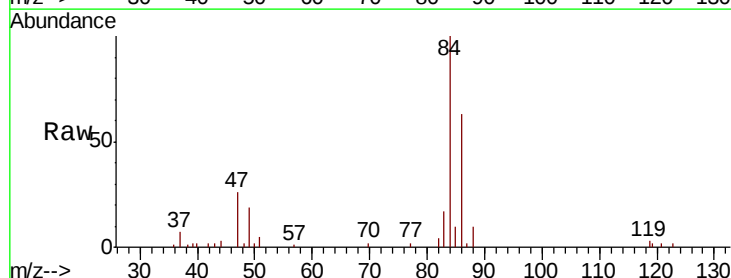
Acq: 14 Jul 2020 18:03

Tgt Ion: 83 Resp: 3971

Ion Ratio Lower Upper

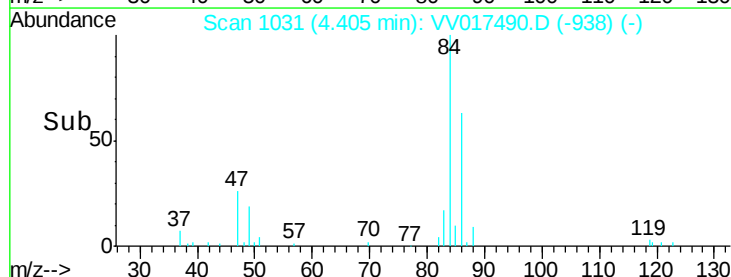
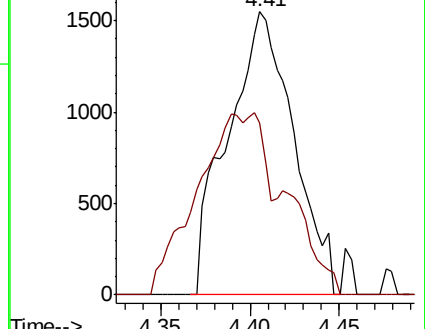
83 100

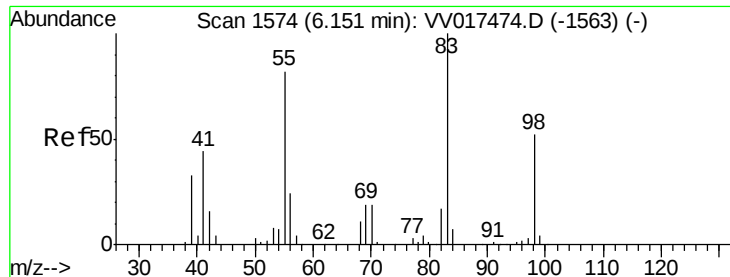
85 61.0 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VV017474.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VV017474.D (-1015) (-)

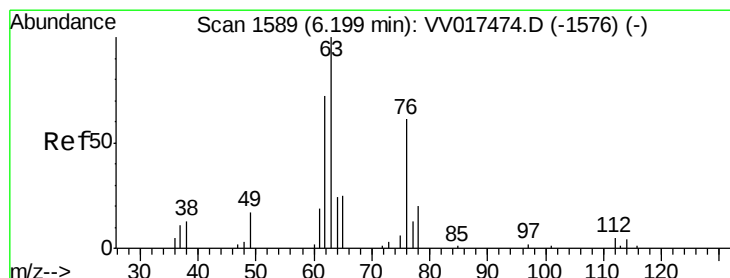
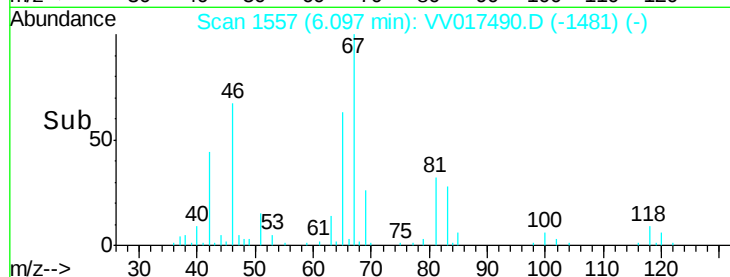
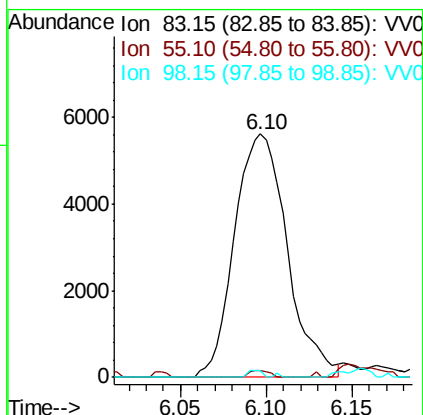
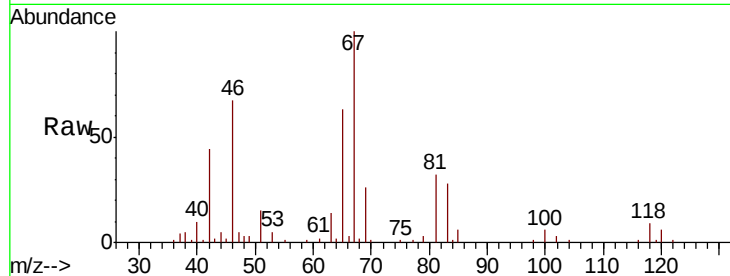




#35
Methvlcvclohexane
Concen: 0.788 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017490.D
Acq: 14 Jul 2020 18:03

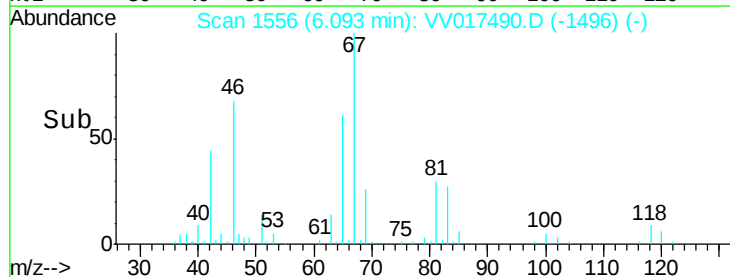
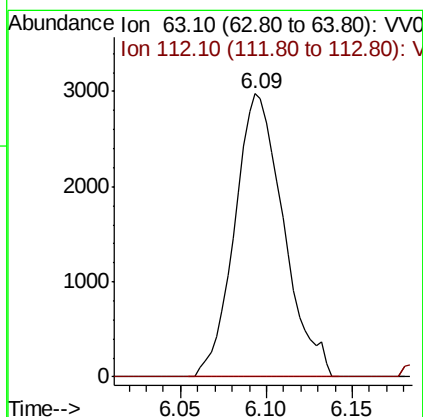
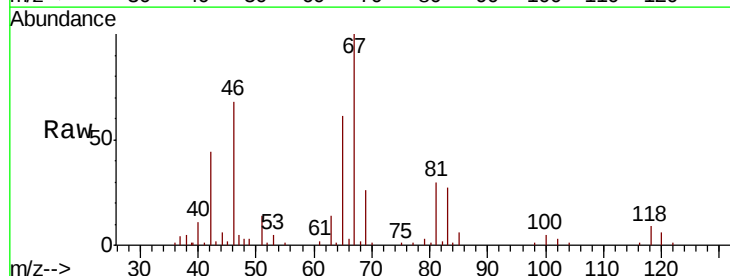
Instrument :
MSVOA_V
ClientSampleId :
GAXW8

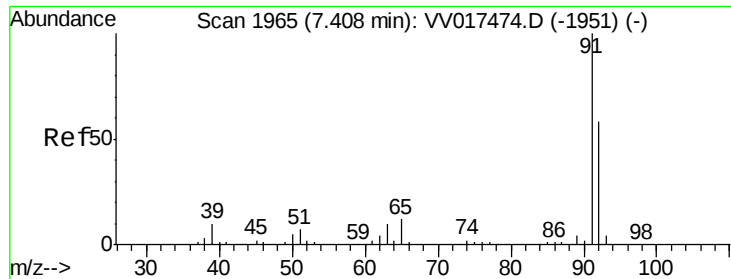
Tot Ion: 83 Resp: 11978
Ion Ratio Lower Upper
83 100
55 1.1 62.0 93.0#
98 0.7 41.4 62.2#



#37
1,2-Dichloropropane
Concen: 0.753 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV017490.D
Acq: 14 Jul 2020 18:03

Tgt Ion: 63 Resp: 5900
Ion Ratio Lower Upper
63 100
112 0.7 4.4 6.6#





#42

Toluene

Concen: 0.197 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV017490.D

Acq: 14 Jul 2020 18:03

Instrument :

MSVOA_V

ClientSampleId :

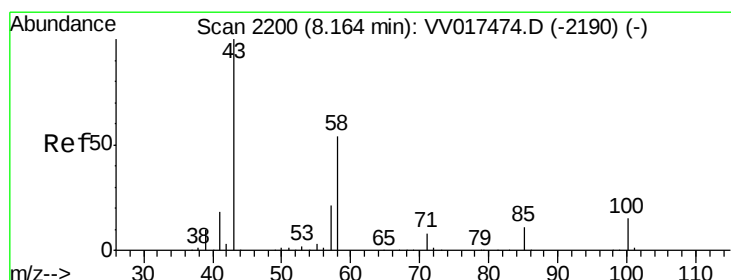
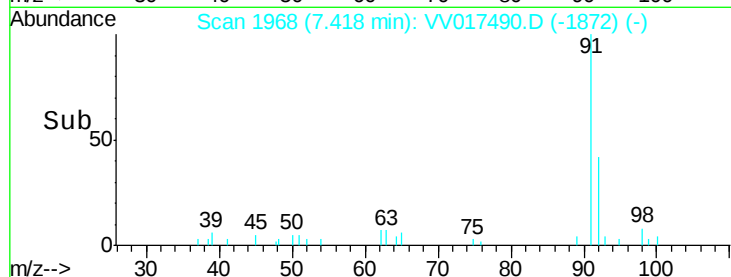
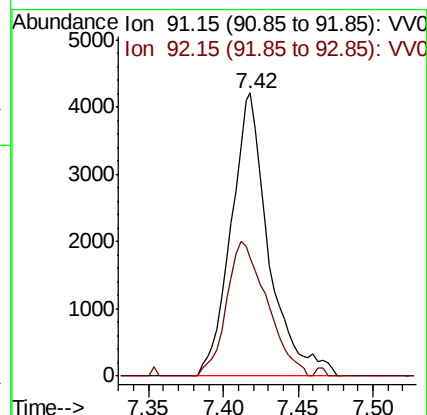
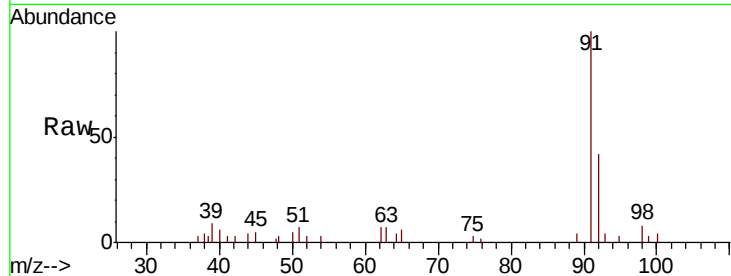
GAXW8

Tot Ion: 91 Resp: 7350

Ion Ratio Lower Upper

91 100

92 41.9 40.7 75.5



#50

2-Hexanone

Concen: 0.774 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017490.D

Acq: 14 Jul 2020 18:03

Tgt Ion: 43 Resp: 2352

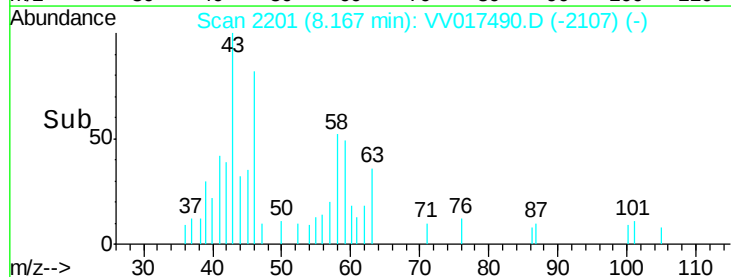
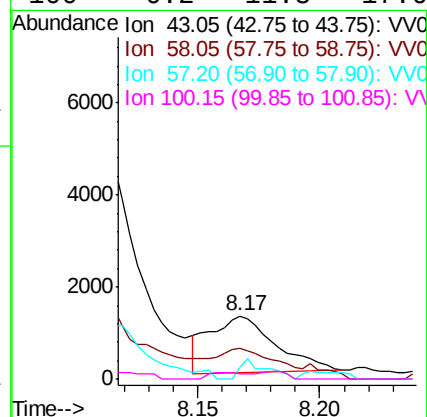
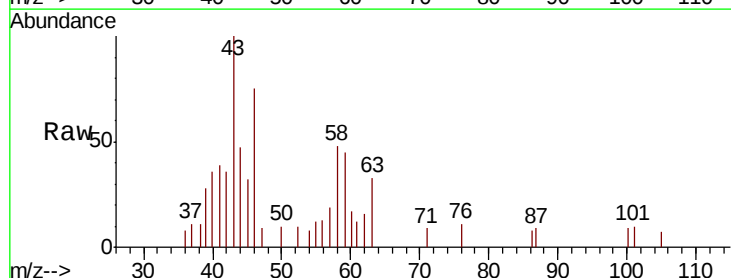
Ion Ratio Lower Upper

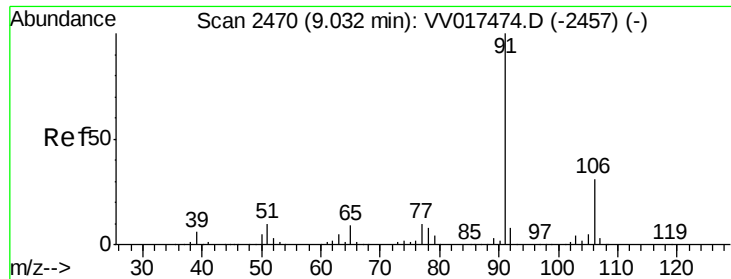
43 100

58 57.8 43.0 64.4

57 13.7 16.8 25.2#

100 6.2 11.8 17.6#





#54

Ethylbenzene

Concen: 0.129 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017490.D

Acq: 14 Jul 2020 18:03

Instrument :
MSVOA_V
ClientSampleId :
GAXW8

Tot Ion: 91 Resp: 5521

Ion Ratio Lower Upper

91 100

106 29.8 21.9 40.7

