

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017492.D
 Acq On : 14 Jul 2020 18:51
 Operator : SY/MD
 Sample : L3281-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXW6

Quant Time: Jul 15 03:08:14 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	135168	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131899	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37739	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	30734	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	60318	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.93	46	85667	53.10	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.20%
24) Chloroform-d	4.38	84	81498	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	47450	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	143811	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.10	67	39497	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	132639	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
45) trans-1,3-Dichloropropene-	7.65	79	17986	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
48) 2-Hexanone-d5	8.11	63	59070	48.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28196	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	58146	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

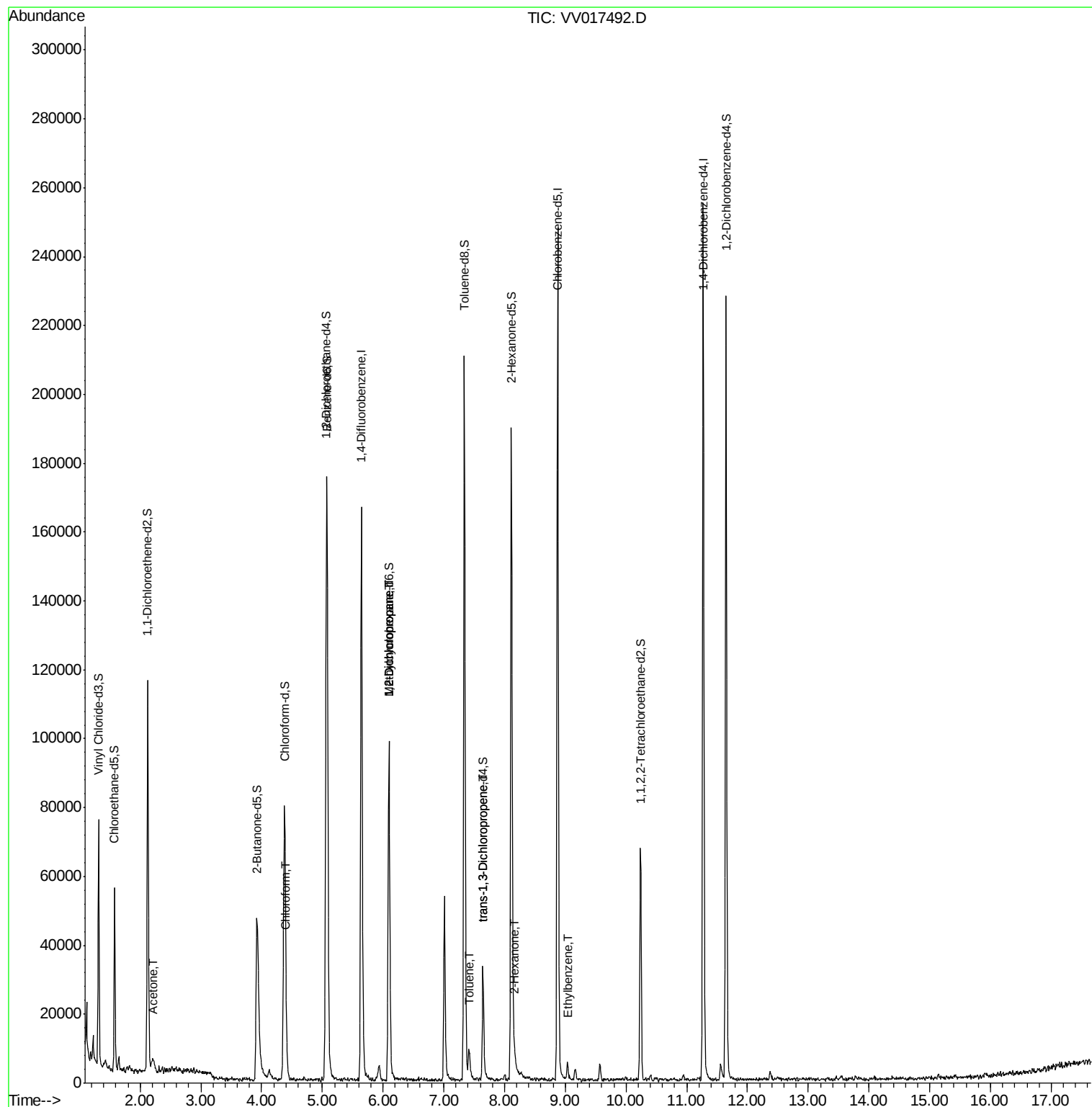
					Ovalue
13) Acetone	2.21	43	7025	5.998 ug/L	89
25) Chloroform	4.41	83	3061	0.168 ug/L	99
35) Methylcyclohexane	6.10	83	10961	0.695 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	5942	0.731 ug/L #	84
42) Toluene	7.41	91	5913	0.153 ug/L	97
46) trans-1,3-Dichloropropene	7.64	75	970	0.084 ug/L #	79
50) 2-Hexanone	8.17	43	2555	0.810 ug/L #	88
54) Ethylbenzene	9.04	91	3225	0.073 ug/L	94

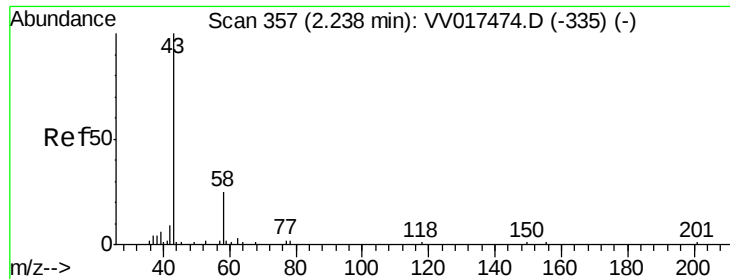
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.998 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.03 min

Lab File: VV017492.D

Acq: 14 Jul 2020 18:51

Instrument :

MSVOA_V

ClientSampleId :

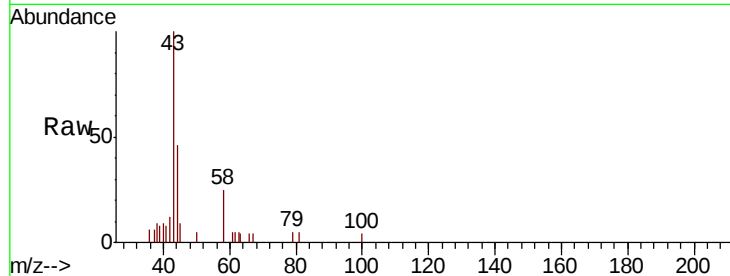
GAXW6

Tot Ion: 43 Resp: 7025

Ion Ratio Lower Upper

43 100

58 12.0 0.0 33.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

2500

2000

1500

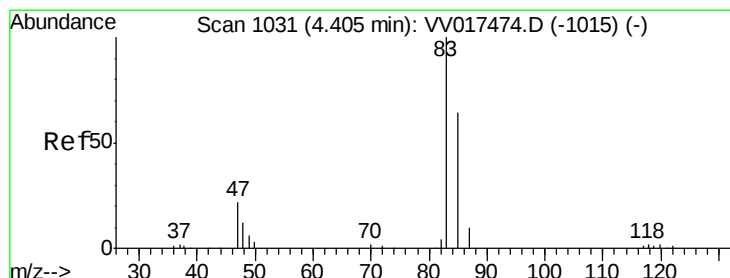
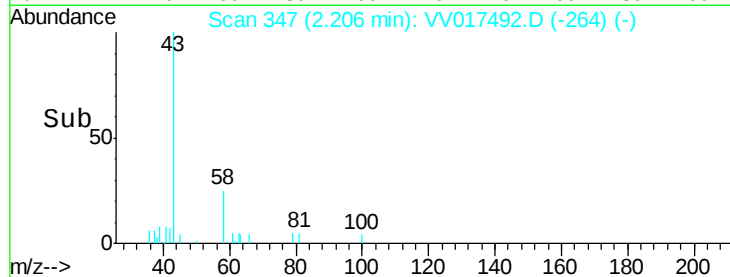
1000

500

0

2.15 2.20 2.25 2.30

Time-->



#25

Chloroform

Concen: 0.168 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VV017492.D

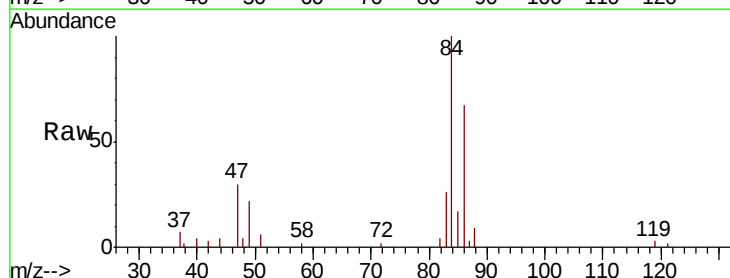
Acq: 14 Jul 2020 18:51

Tgt Ion: 83 Resp: 3061

Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.41

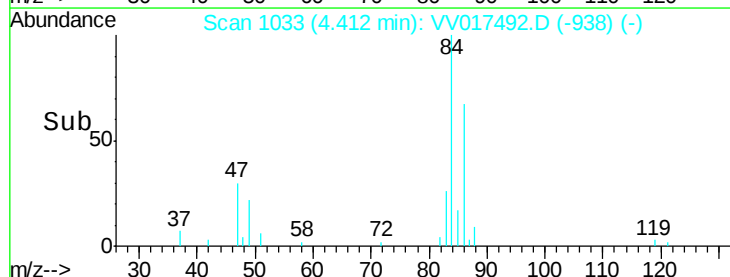
1000

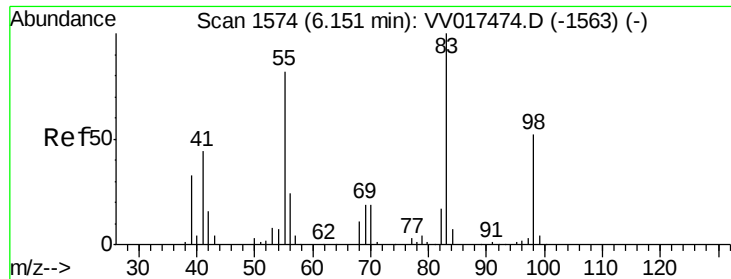
500

0

4.35 4.40 4.45

Time-->

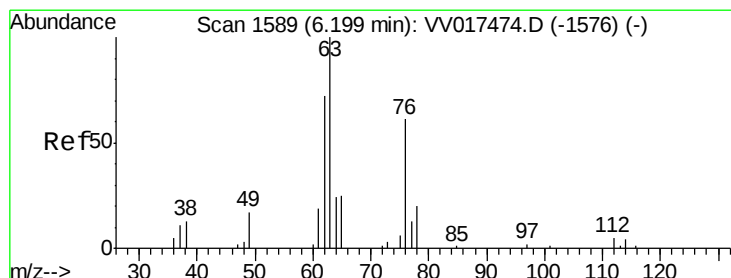
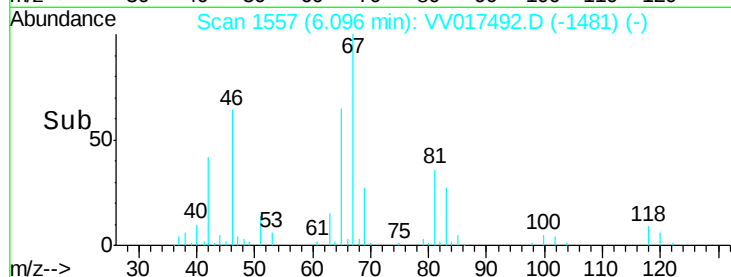
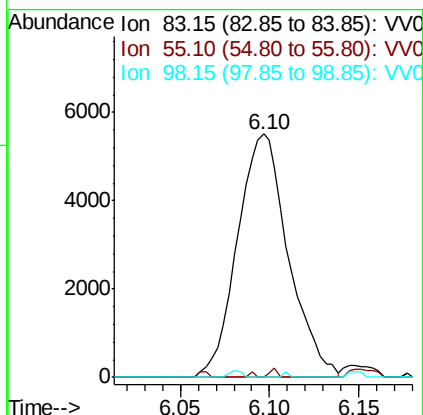
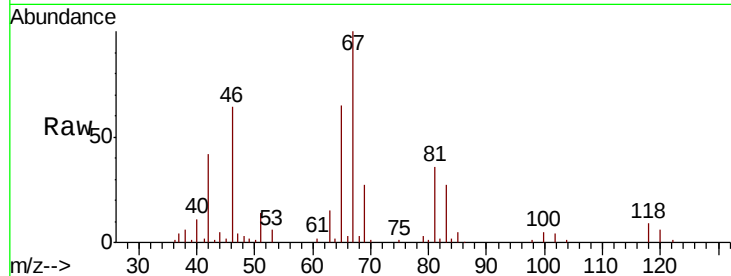




#35
Methvlcvclohexane
Concen: 0.695 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017492.D
Acq: 14 Jul 2020 18:51

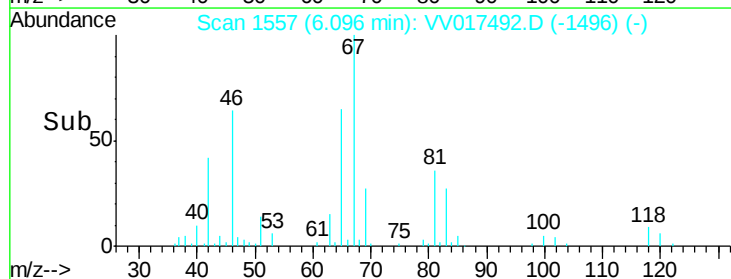
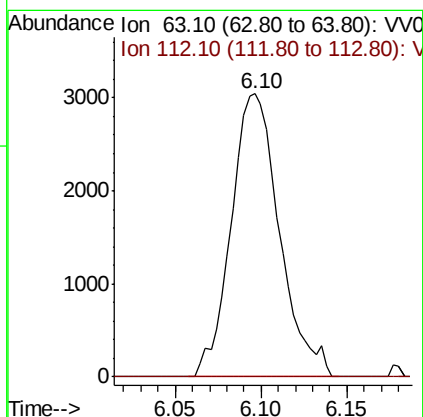
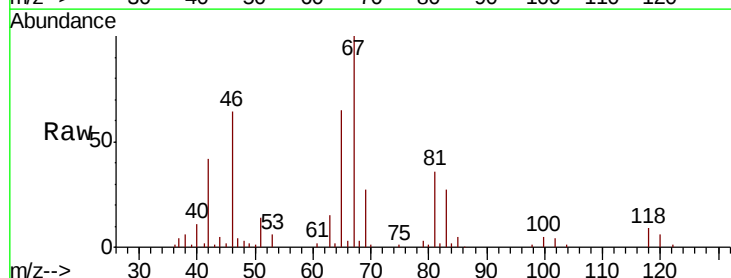
Instrument :
MSVOA_V
ClientSampleId :
GAXW6

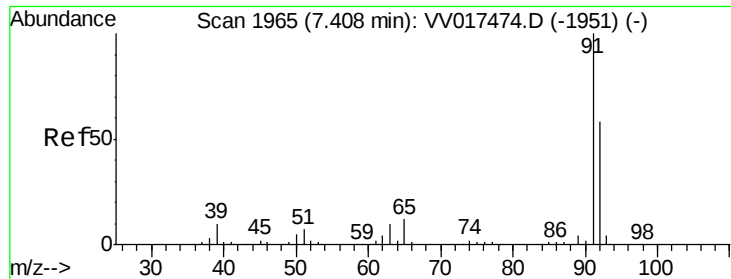
Tot Ion: 83 Resp: 10961
Ion Ratio Lower Upper
83 100
55 0.6 62.0 93.0#
98 0.2 41.4 62.2#



#37
1,2-Dichloropropane
Concen: 0.731 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017492.D
Acq: 14 Jul 2020 18:51

Tgt Ion: 63 Resp: 5942
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#





#42

Toluene

Concen: 0.153 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017492.D

Acq: 14 Jul 2020 18:51

Instrument :

MSVOA_V

ClientSampleId :

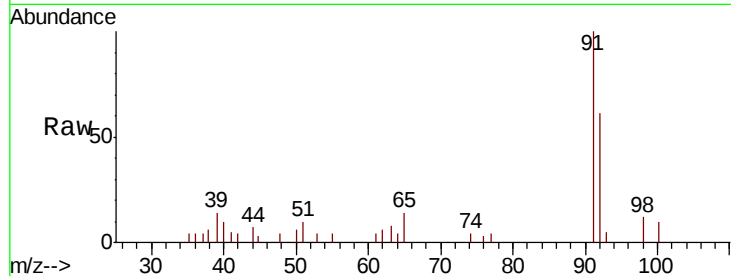
GAXW6

Tot Ion: 91 Resp: 5913

Ion Ratio Lower Upper

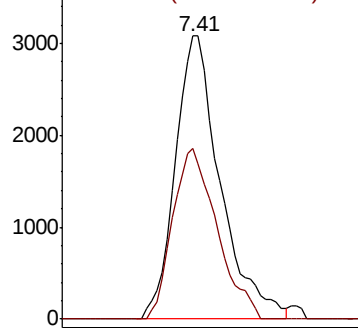
91 100

92 60.5 40.7 75.5

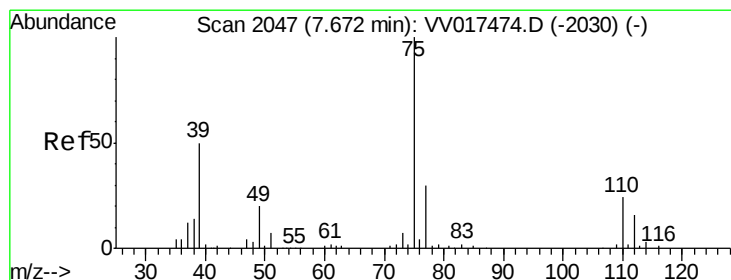
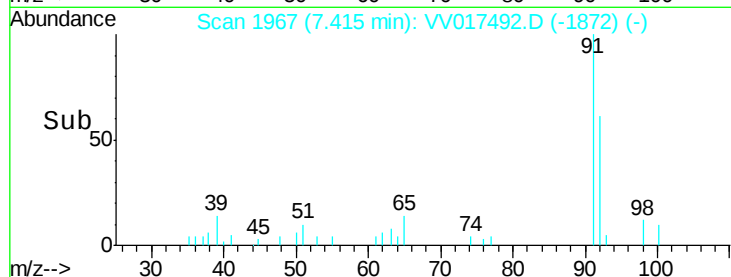


Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



Time-->



#46

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017492.D

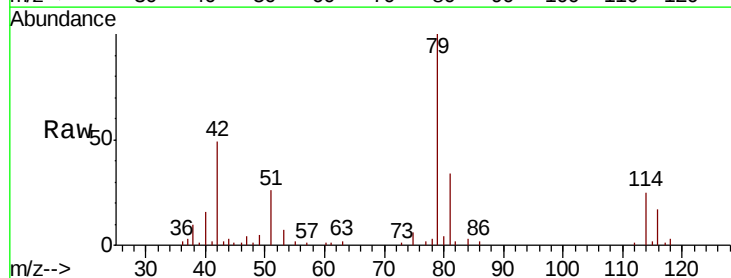
Acq: 14 Jul 2020 18:51

Tgt Ion: 75 Resp: 970

Ion Ratio Lower Upper

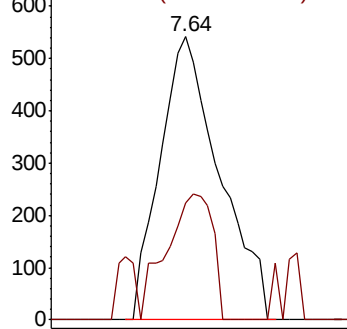
75 100

77 41.5 21.2 39.4#

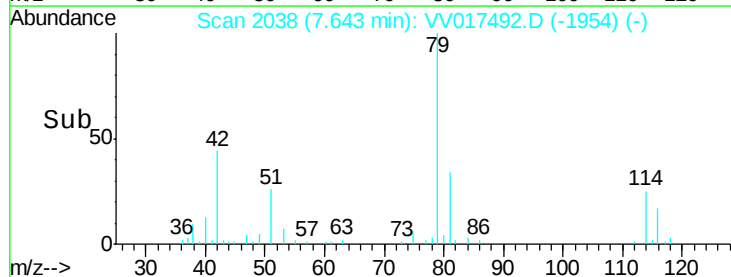


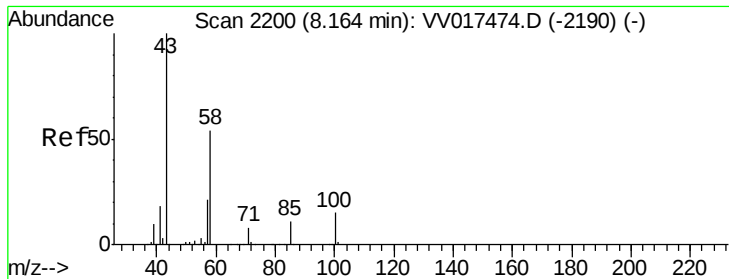
Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



Time-->

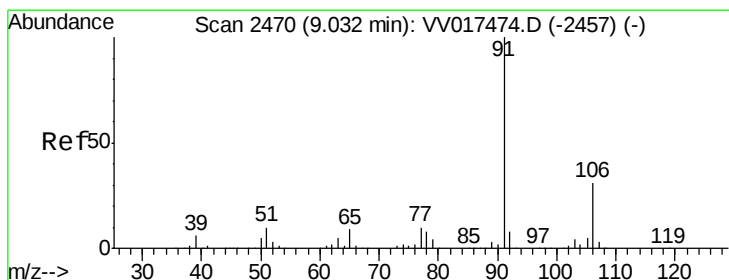
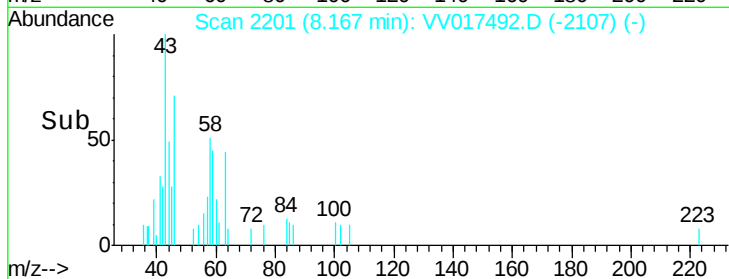
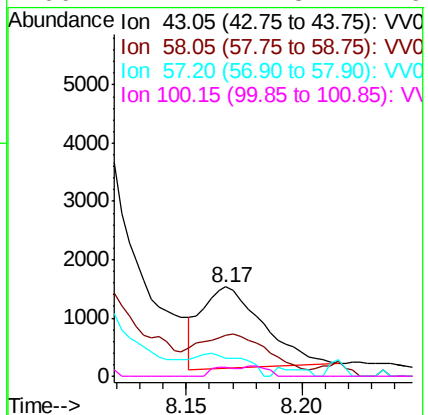
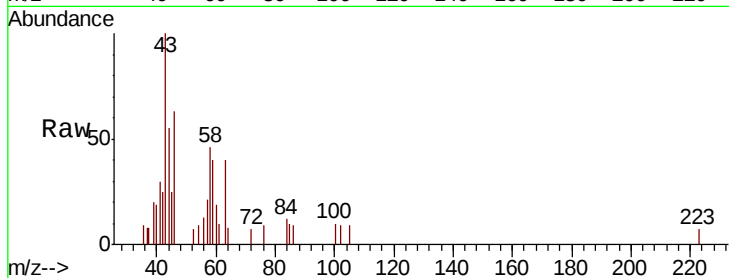




#50
2-Hexanone
Concen: 0.810 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV017492.D
Acq: 14 Jul 2020 18:51

Instrument :
MSVOA_V
ClientSampleId :
GAXW6

Tot Ion: 43 Resp: 2555
Ion Ratio Lower Upper
43 100
58 61.6 43.0 64.4
57 23.6 16.8 25.2
100 4.4 11.8 17.6#



#54
Ethylbenzene
Concen: 0.073 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV017492.D
Acq: 14 Jul 2020 18:51

Tgt Ion: 91 Resp: 3225
Ion Ratio Lower Upper
91 100
106 27.9 21.9 40.7

