

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017654.D
 Acq On : 24 Jul 2020 19:00
 Operator : SY/MD
 Sample : L3443-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:11:51 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	160964	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156443	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74502	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32954	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	26555	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.12	63	58077	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.96	46	28989	15.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	31.54%#
24) Chloroform-d	4.37	84	88979	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.06	65	47319	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.07	84	158270	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	43003	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.34	98	143242	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
45) trans-1,3-Dichloropropene-	7.65	79	17695	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
48) 2-Hexanone-d5	8.12	63	48041	35.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27724	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	57754	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

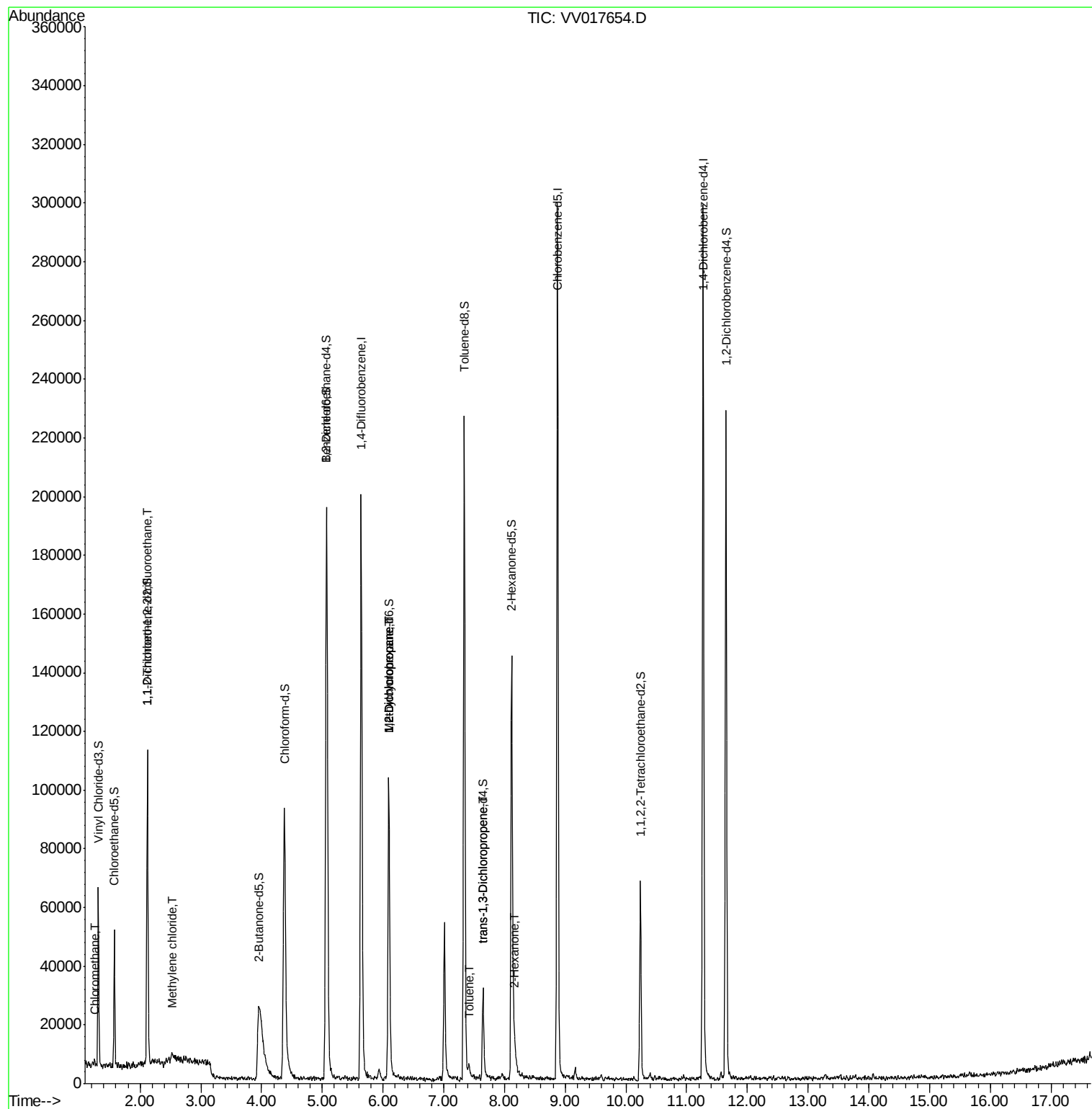
					Ovalue
3) Chloromethane	1.24	50	934	0.081 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	778	0.081 ug/L #	25
16) Methylene chloride	2.52	84	1109	0.115 ug/L	90
35) Methylcyclohexane	6.09	83	12437	0.665 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	5816	0.559 ug/L #	86
42) Toluene	7.42	91	3057	0.063 ug/L	89
46) trans-1,3-Dichloropropene	7.64	75	1054	0.075 ug/L	84
50) 2-Hexanone	8.17	43	4905	1.215 ug/L #	95

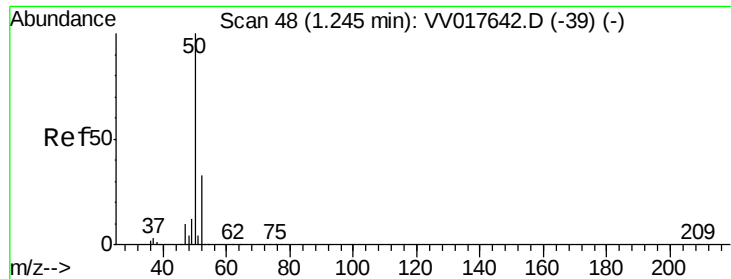
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV017654.D

Acq: 24 Jul 2020 19:00

Instrument :

MSVOA_V

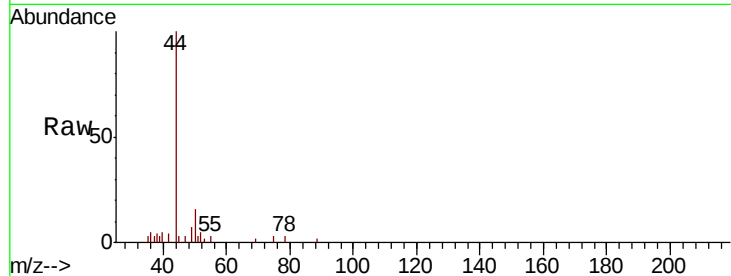
ClientSampleId :

Tot Ion: 50 Resp: 934

Ion Ratio Lower Upper

50 100

52 32.2 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV017642.D (-39) (-)

Ion 52.05 (51.75 to 52.75): VV017642.D (-39) (-)

1.24

600

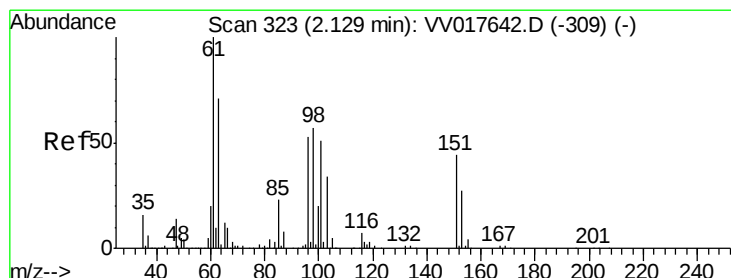
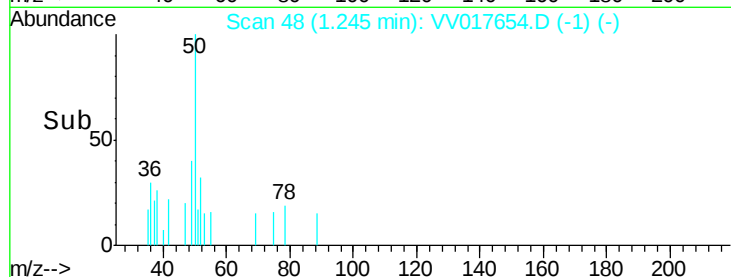
400

200

0

1.20 1.22 1.24 1.26 1.28

Time-->



#10

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

Concen: 0.081 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017654.D

Acq: 24 Jul 2020 19:00

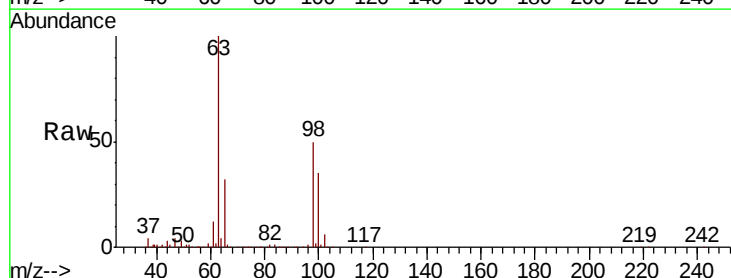
Tgt Ion: 101 Resp: 778

Ion Ratio Lower Upper

101 100

85 9.1 34.6 51.8#

151 2.6 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) (-)

2.12

600

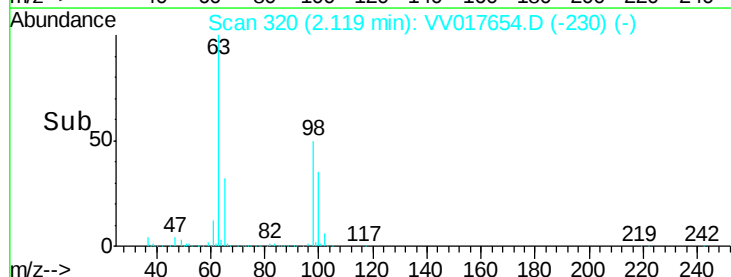
400

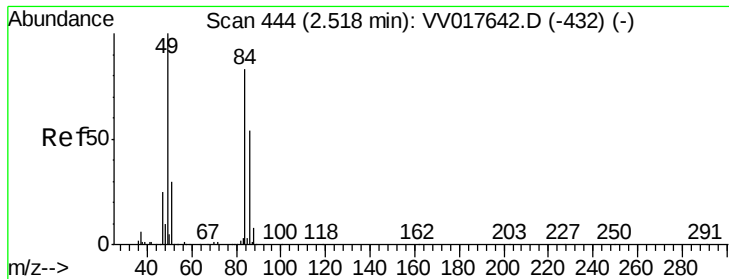
200

0

2.08 2.10 2.12 2.14 2.16

Time-->

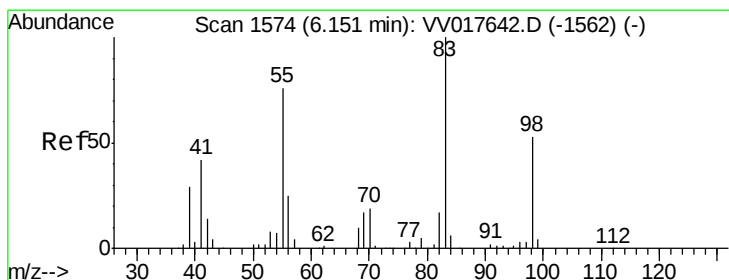
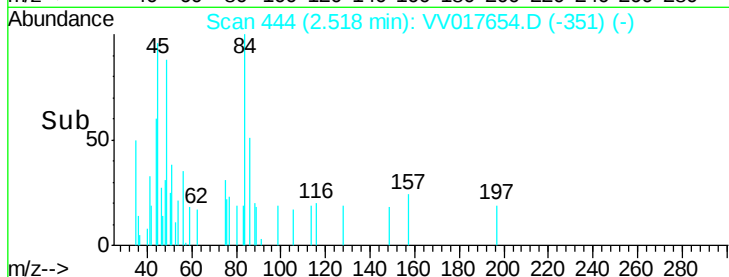
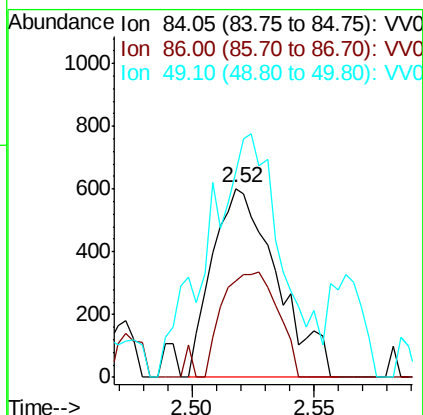
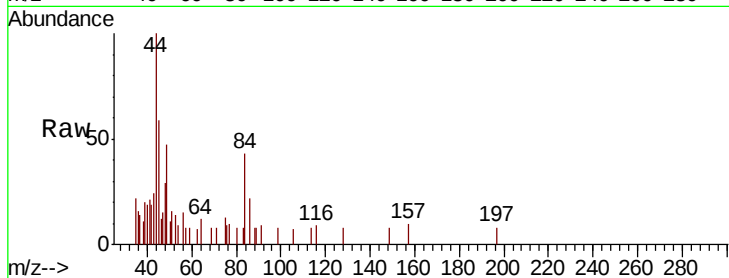




#16
Methylene chloride
Concen: 0.115 ug/L
RT: 2.52 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV017654.D
Acq: 24 Jul 2020 19:00

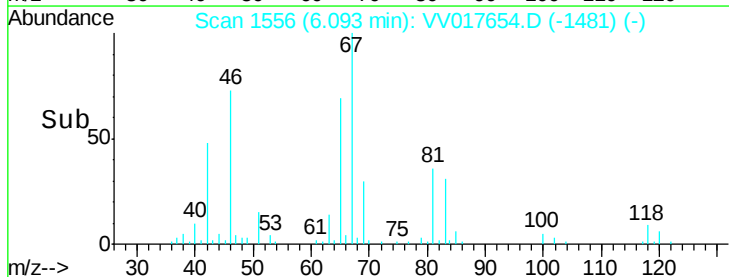
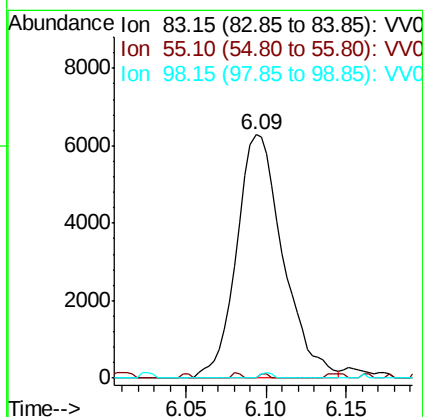
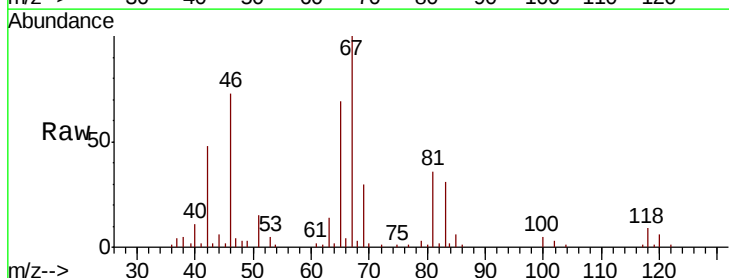
Instrument :
MSVOA_V
ClientSampled :

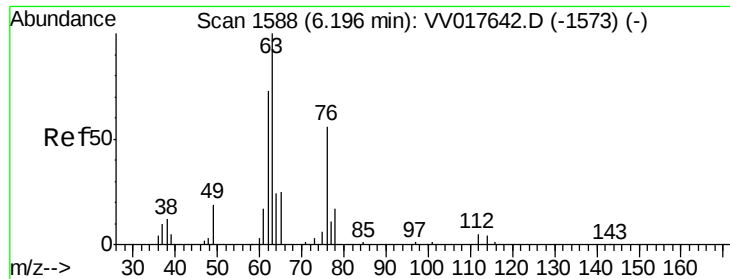
Tot Ion: 84 Resp: 1109
Ion Ratio Lower Upper
84 100
86 51.3 46.5 86.3
49 108.6 79.2 147.2



#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017654.D
Acq: 24 Jul 2020 19:00

Tgt Ion: 83 Resp: 12437
Ion Ratio Lower Upper
83 100
55 0.3 61.8 92.8#
98 0.5 39.0 58.6#

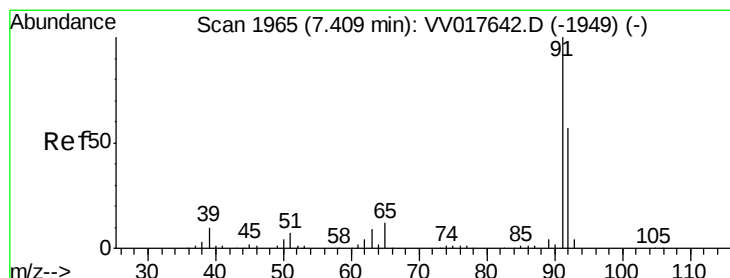
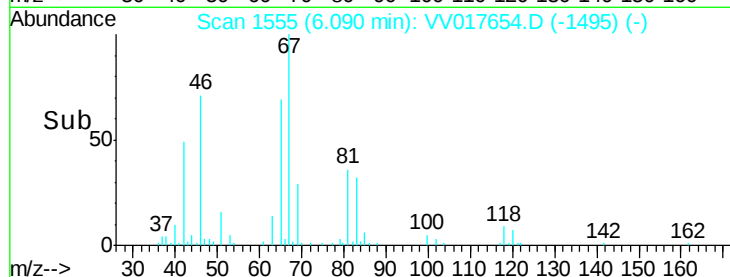
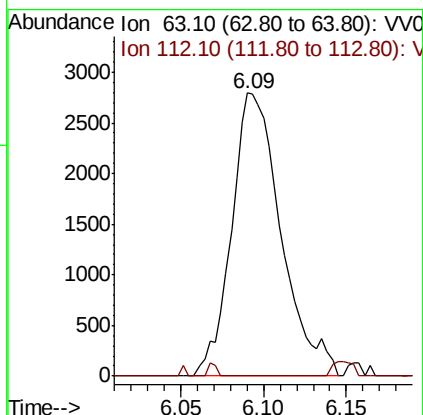
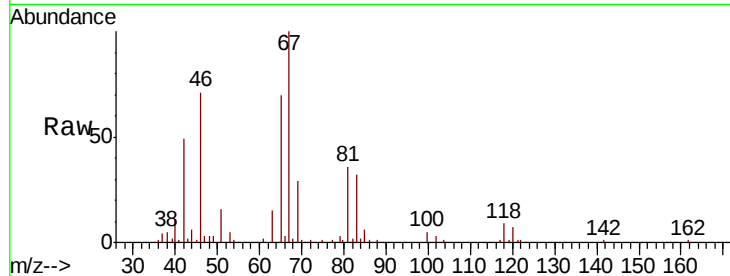




#37
 1,2-Dichloropropane
 Concen: 0.559 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV017654.D
 Acq: 24 Jul 2020 19:00

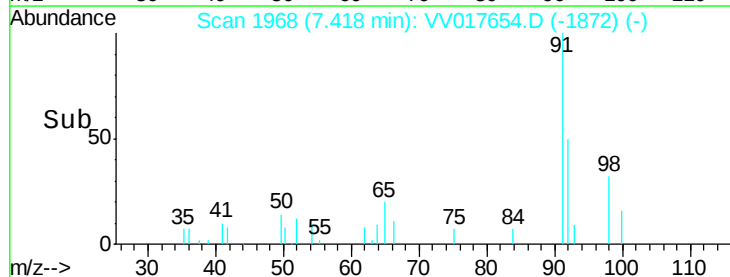
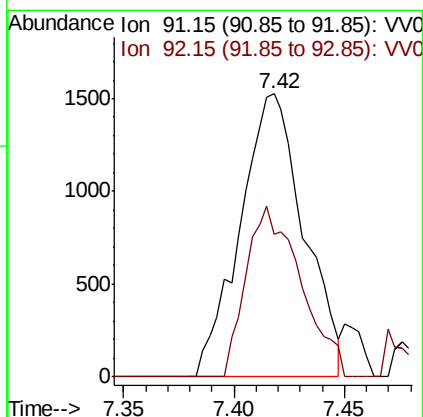
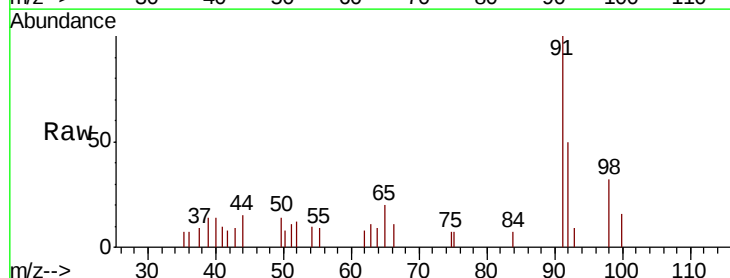
Instrument :
 MSVOA_V
 ClientSampleId :

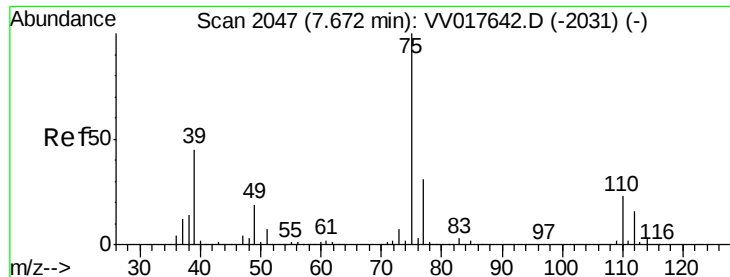
Tot Ion: 63 Resp: 5816
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.5 6.7#



#42
 Toluene
 Concen: 0.063 ug/L
 RT: 7.42 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: VV017654.D
 Acq: 24 Jul 2020 19:00

Tgt Ion: 91 Resp: 3057
 Ion Ratio Lower Upper
 91 100
 92 50.5 40.8 75.8





#46

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017654.D

Acq: 24 Jul 2020 19:00

Instrument :

MSVOA_V

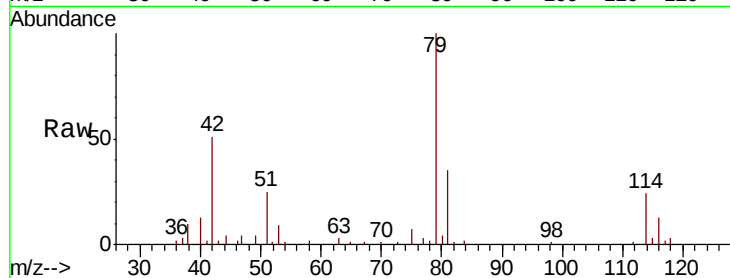
ClientSampleId :

Tot Ion: 75 Resp: 1054

Ion Ratio Lower Upper

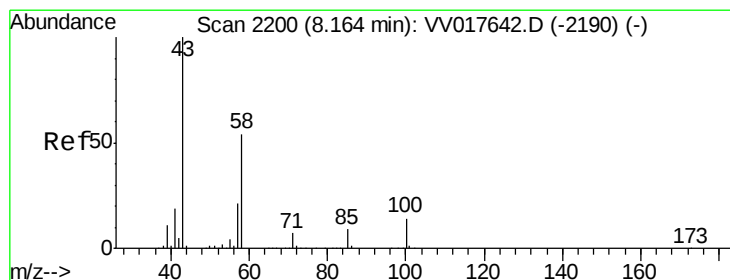
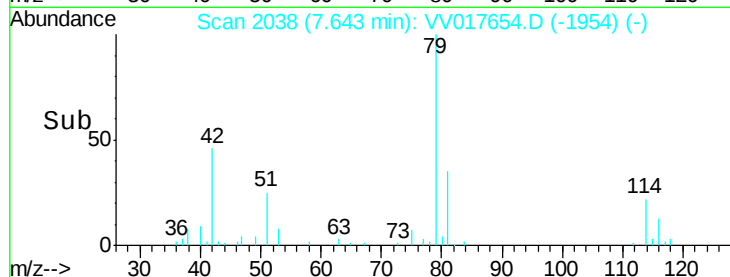
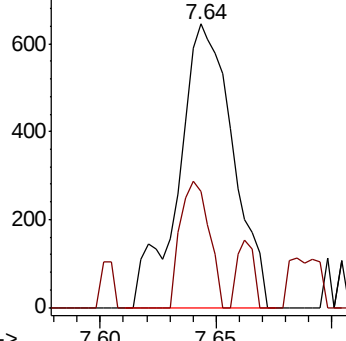
75 100

77 40.9 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 1.215 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV017654.D

Acq: 24 Jul 2020 19:00

Tgt Ion: 43 Resp: 4905

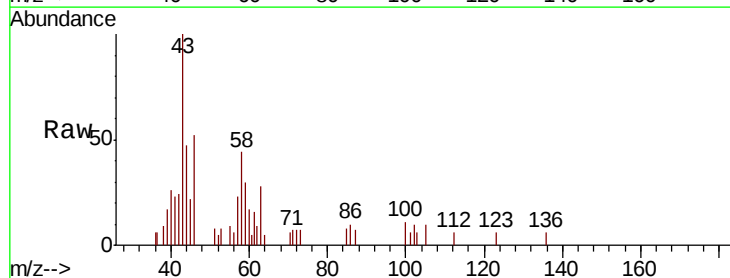
Ion Ratio Lower Upper

43 100

58 48.3 41.6 62.4

57 18.8 15.4 23.0

100 9.4 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

