

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016351.D
 Acq On : 30 May 2020 08:06
 Operator : SY/MD
 Sample : L2662-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 00:54:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 00:52:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	77460	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	71616	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	25225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23975	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	18815	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.12	63	34712	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.98	46	50841	41.20	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.40%
24) Chloroform-d	4.38	84	47577	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.06	65	26570	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.07	84	92306	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.10	67	28108	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.34	98	78748	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
45) trans-1,3-Dichloropropene-	7.65	79	8280	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
48) 2-Hexanone-d5	8.12	63	43717	46.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.18%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	17182	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	20440	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

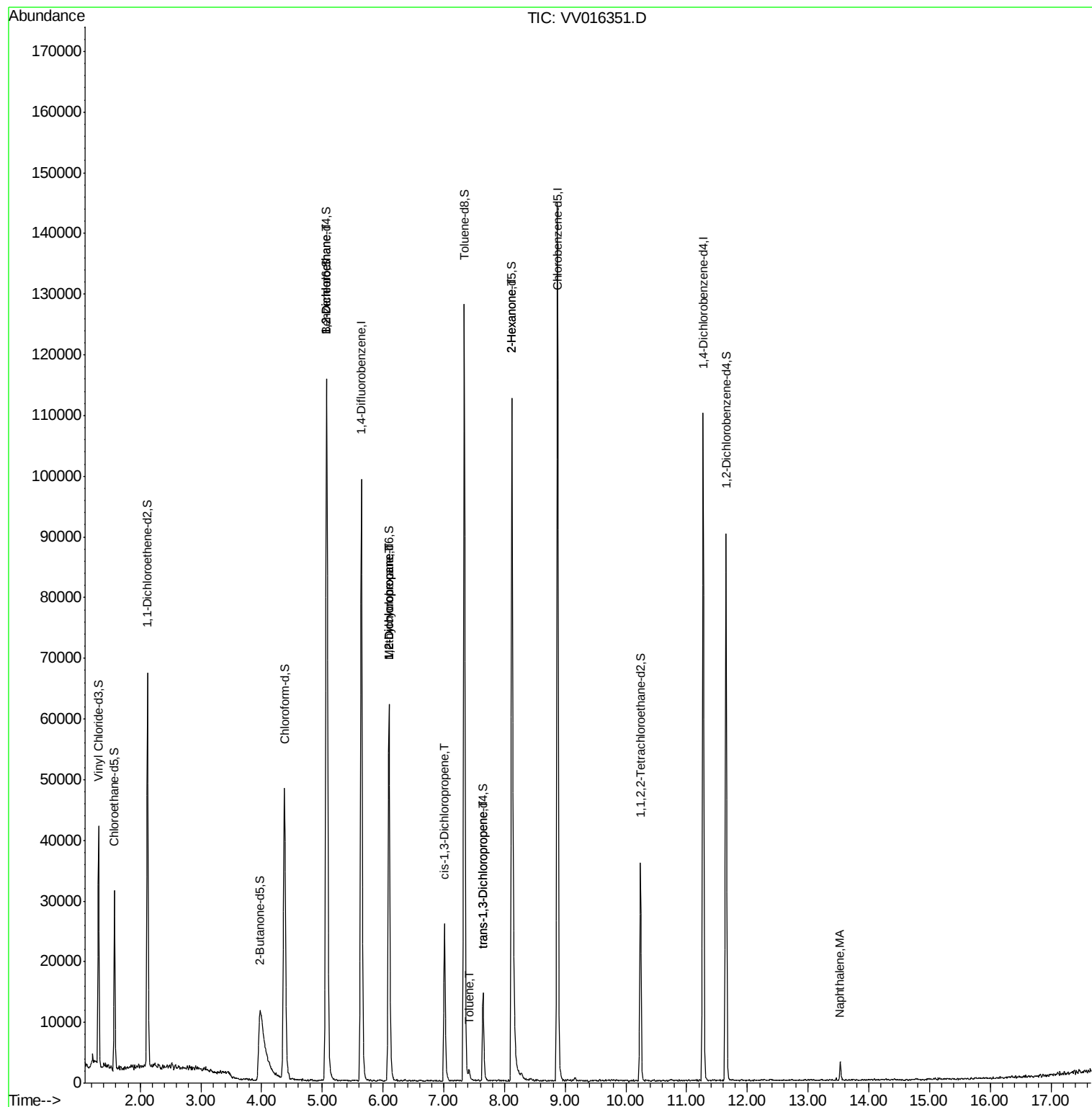
					Ovalue
27) 1,2-Dichloroethane	5.08	62	552	0.084 ug/L #	79
35) Methylcyclohexane	6.10	83	7203	0.795 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3376	0.668 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	700	0.098 ug/L #	50
42) Toluene	7.41	91	1430	0.064 ug/L	97
46) trans-1,3-Dichloropropene	7.64	75	363	0.061 ug/L #	27
50) 2-Hexanone	8.12	43	6170	2.813 ug/L #	71
70) Naphthalene	13.54	128	2819	0.270 ug/L #	93

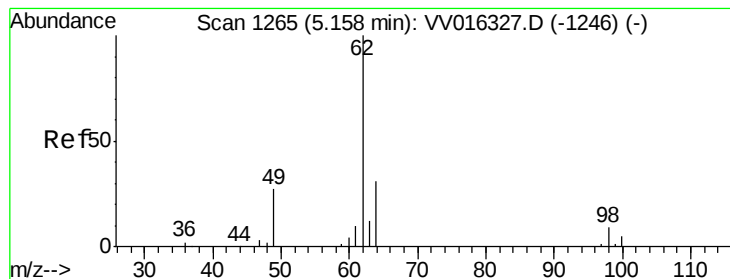
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 00:52:43 2020
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.084 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV016351.D

Acq: 30 May 2020 08:06

Instrument :

MSVOA_V

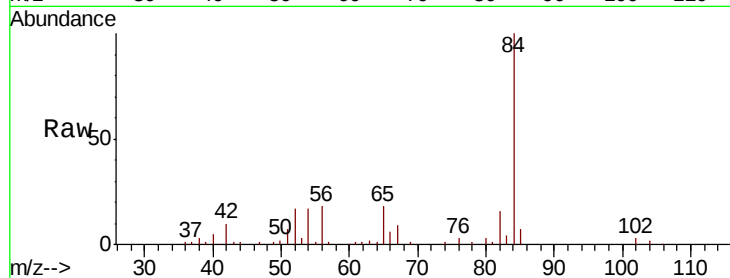
ClientSampleId :

Tot Ion: 62 Resp: 552

Ion Ratio Lower Upper

62 100

98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

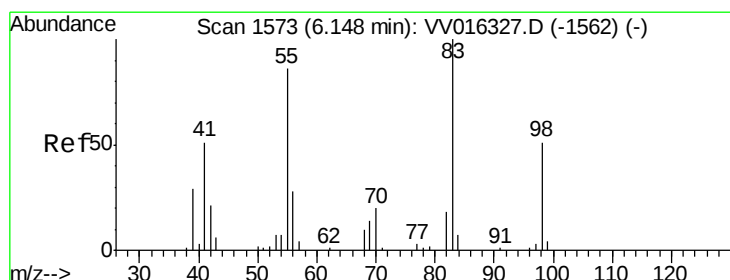
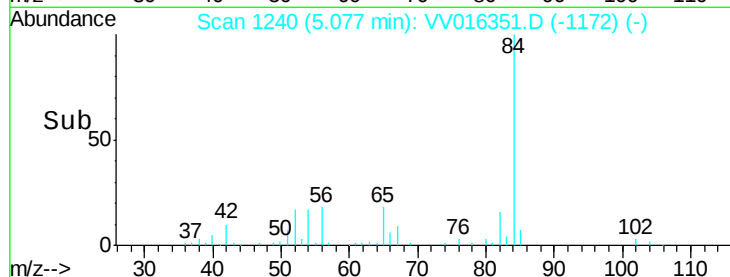
300

200

100

0

Time--> 5.02 5.04 5.06 5.08 5.10



#35

Methylcyclohexane

Concen: 0.795 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016351.D

Acq: 30 May 2020 08:06

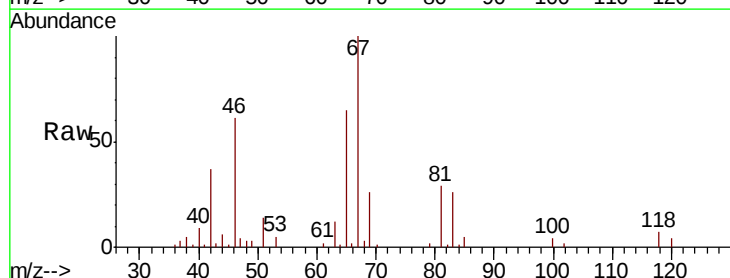
Tgt Ion: 83 Resp: 7203

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

98 0.0 39.3 58.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

5000

4000

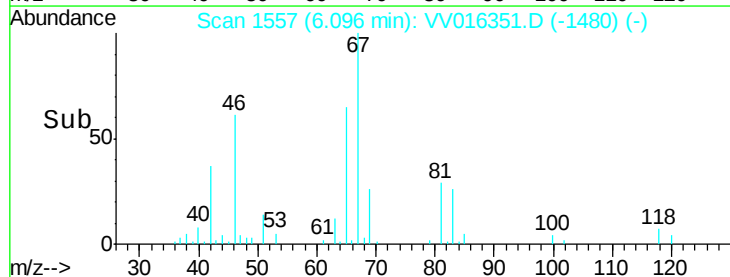
3000

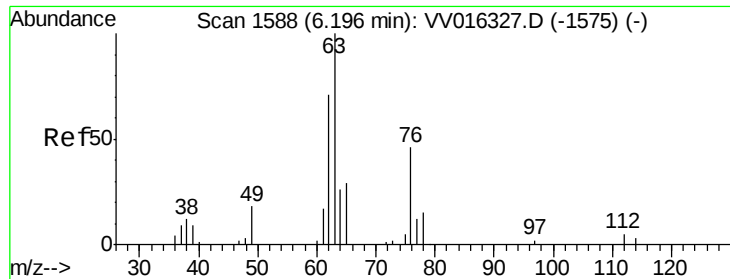
2000

1000

0

Time--> 6.05 6.10 6.15





#37

1,2-Dichloropropane

Concen: 0.668 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016351.D

Acq: 30 May 2020 08:06

Instrument :

MSVOA_V

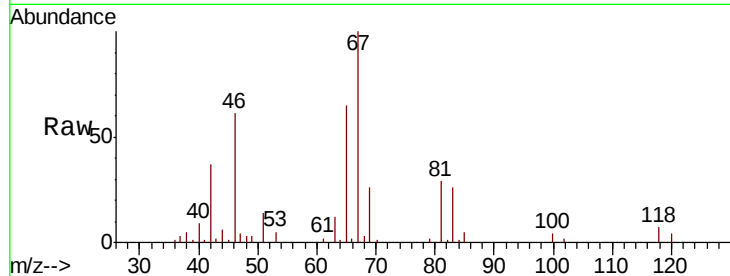
ClientSampleId :

Tot Ion: 63 Resp: 3376

Ion Ratio Lower Upper

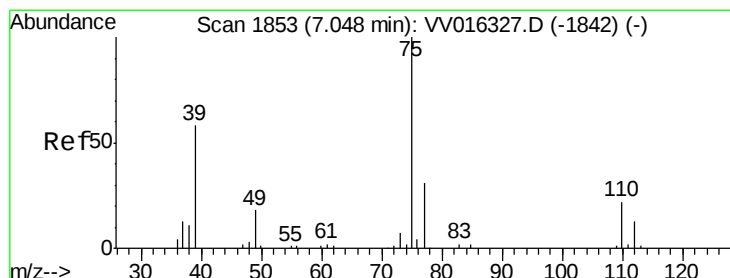
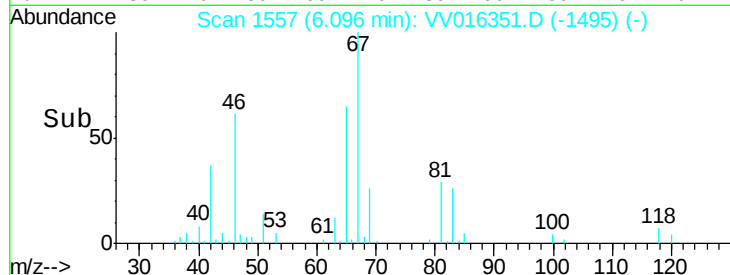
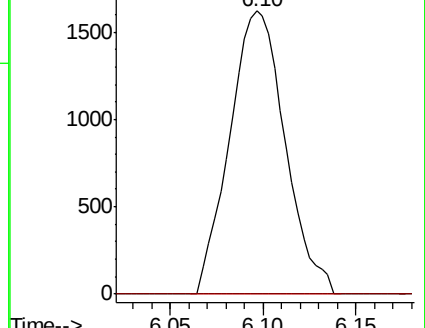
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV016327.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV016327.D (-1575) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV016351.D

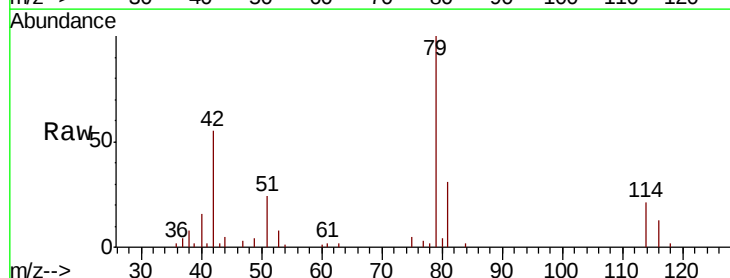
Acq: 30 May 2020 08:06

Tgt Ion: 75 Resp: 700

Ion Ratio Lower Upper

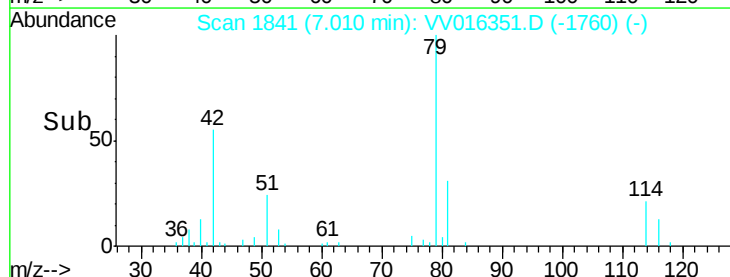
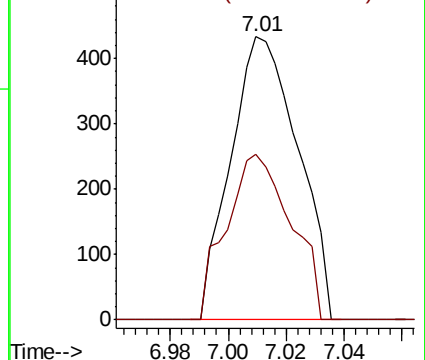
75 100

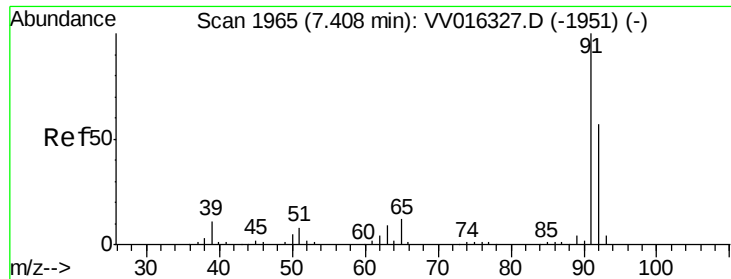
77 58.4 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV016327.D (-1842) (-)

Ion 77.05 (76.75 to 77.75): VV016327.D (-1842) (-)





#42

Toluene

Concen: 0.064 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016351.D

Acq: 30 May 2020 08:06

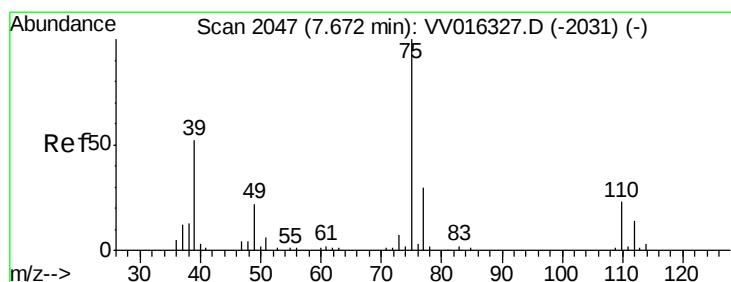
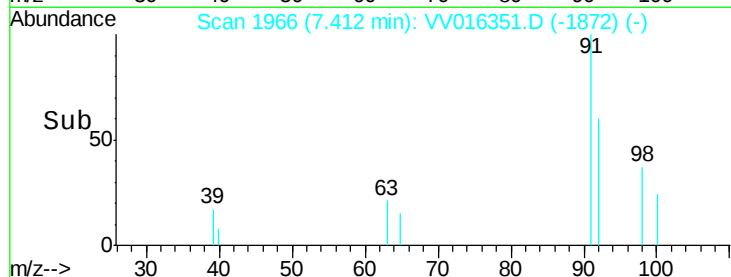
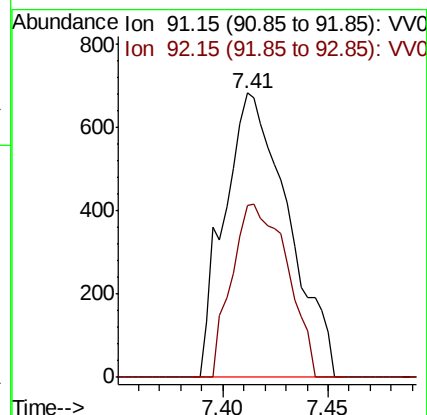
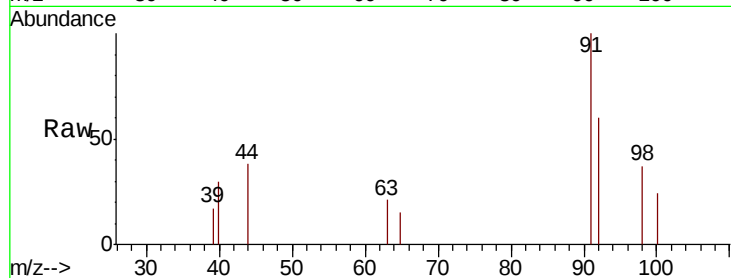
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 1430

Ion Ratio Lower Upper

91 100

92 60.5 40.9 76.0



#46

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016351.D

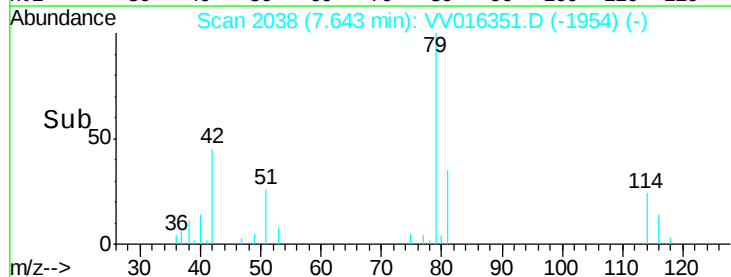
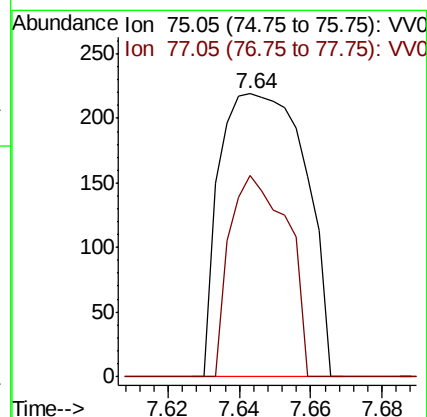
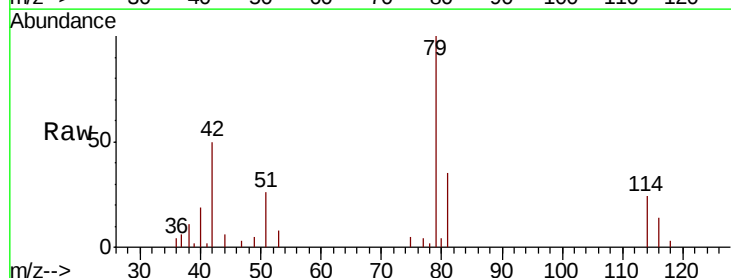
Acq: 30 May 2020 08:06

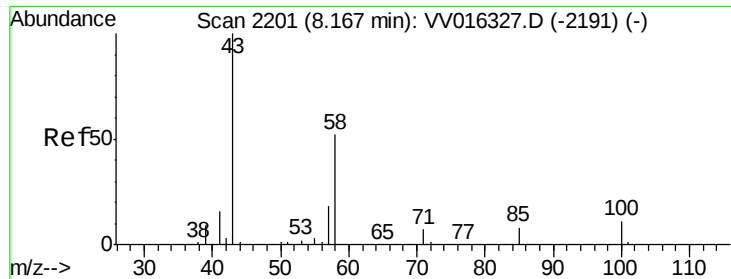
Tgt Ion: 75 Resp: 363

Ion Ratio Lower Upper

75 100

77 71.2 21.7 40.3#

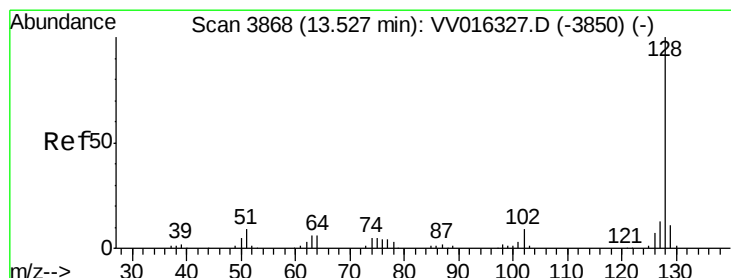
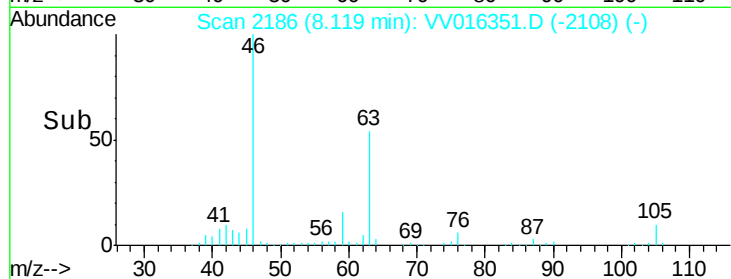
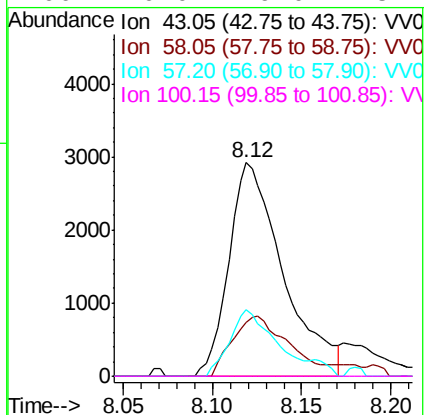
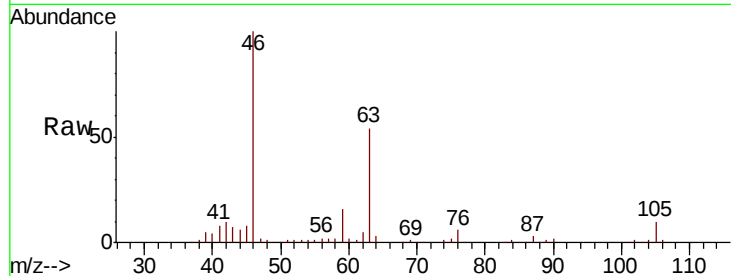




#50
2-Hexanone
Concen: 2.813 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016351.D
Acq: 30 May 2020 08:06

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6170
Ion Ratio Lower Upper
43 100
58 29.5 41.4 62.0#
57 28.6 15.0 22.4#
100 0.0 9.0 13.4#



#70
Naphthalene
Concen: 0.270 ug/L
RT: 13.54 min Scan# 3871
Delta R.T. 0.01 min
Lab File: VV016351.D
Acq: 30 May 2020 08:06

Tgt Ion: 128 Resp: 2819
Ion Ratio Lower Upper
128 100
129 8.3 8.6 13.0#
127 10.4 10.6 15.8#

