

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015839.D
 Acq On : 30 Apr 2020 17:23
 Operator : SY/MD
 Sample : L2413-22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 01:47:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	123322	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55248	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36021	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	1.57	69	32859	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.12	63	53346	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.97	46	96513	46.64	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.28%
24) Chloroform-d	4.38	84	67168	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.06	65	42031	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.07	84	139114	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.10	67	43093	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.34	98	122309	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.65	79	14961	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.12	63	67462	39.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29253	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	44546	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

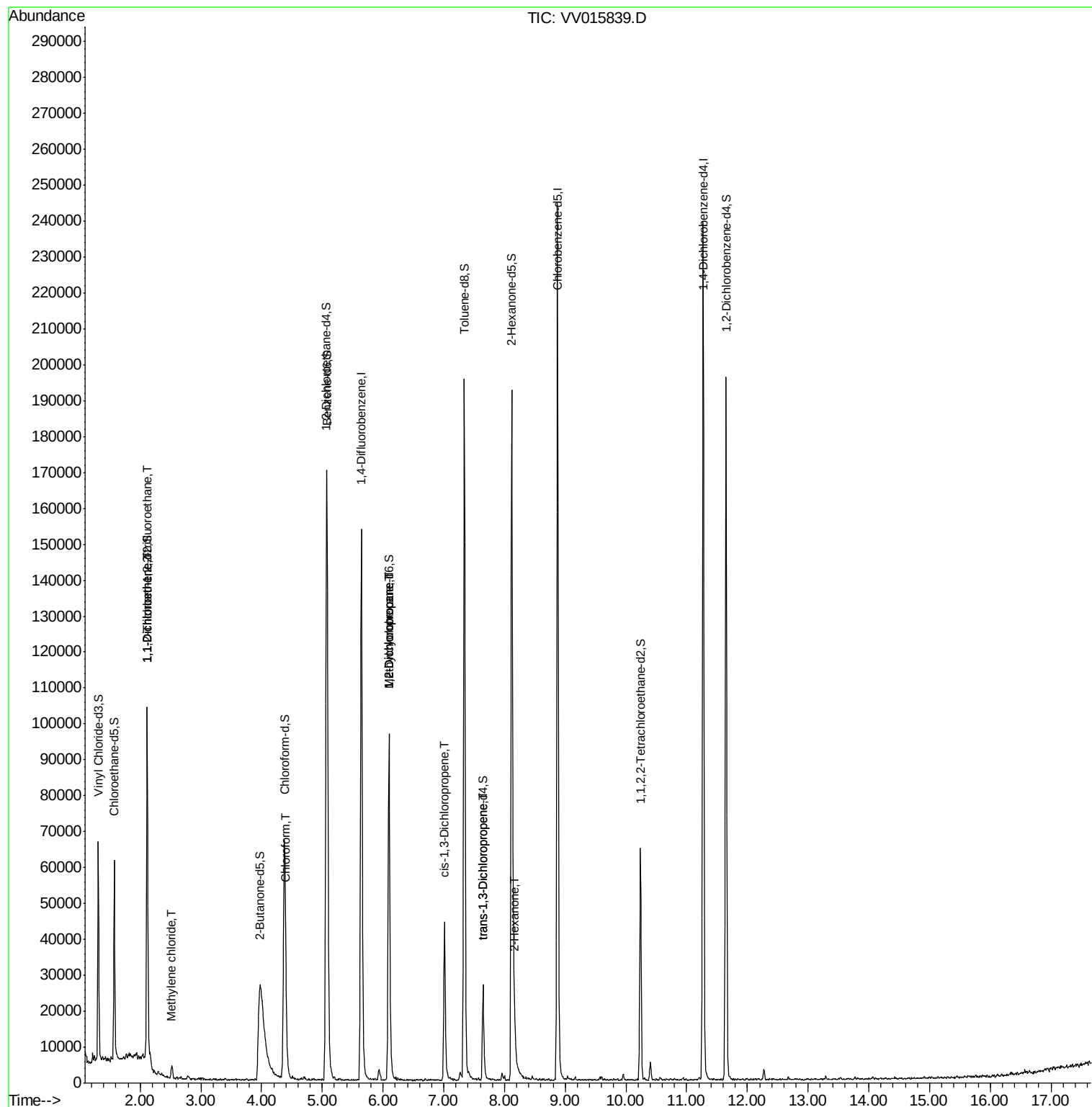
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	590	0.076	ug/L #	35
12) 1,1-Dichloroethene	2.12	96	757	0.105	ug/L #	1
16) Methylene chloride	2.52	84	1330	0.150	ug/L	94
25) Chloroform	4.41	83	6426	0.384	ug/L	83
35) Methylcyclohexane	6.10	83	11162	0.771	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5670	0.653	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1396	0.115	ug/L #	76
44) trans-1,3-Dichloropropene	7.64	75	978	0.096	ug/L #	65
48) 2-Hexanone	8.17	43	5198	1.293	ug/L #	71

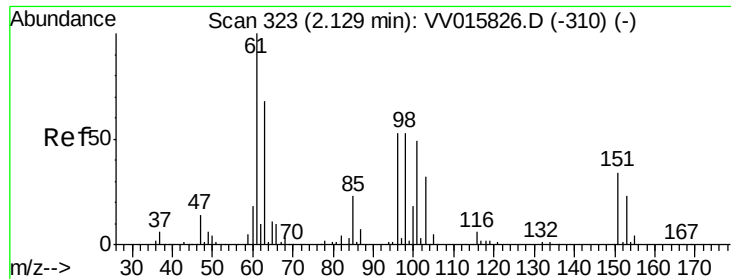
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 01 01:42:43 2020
Response via : Initial Calibration





#10

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

Concen: 0.076 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015839.D

Acq: 30 Apr 2020 17:23

Instrument :

MSVOA_V

ClientSampleId :

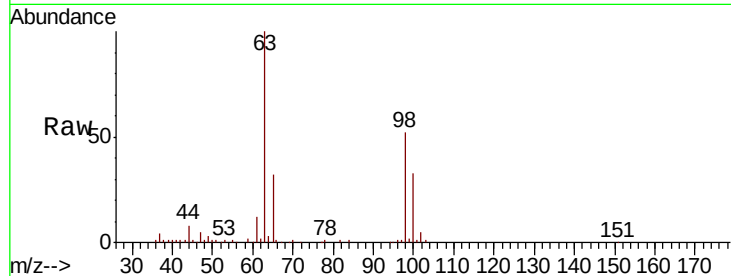
Tot Ion:101 Resp: 590

Ion Ratio Lower Upper

101 100

85 7.8 36.1 54.1#

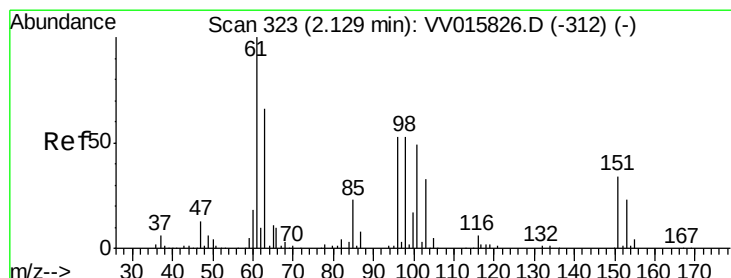
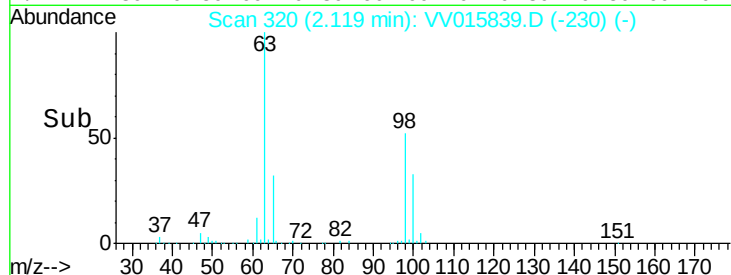
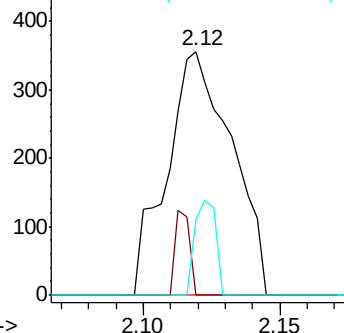
151 12.4 55.2 82.8#



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: 0.105 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015839.D

Acq: 30 Apr 2020 17:23

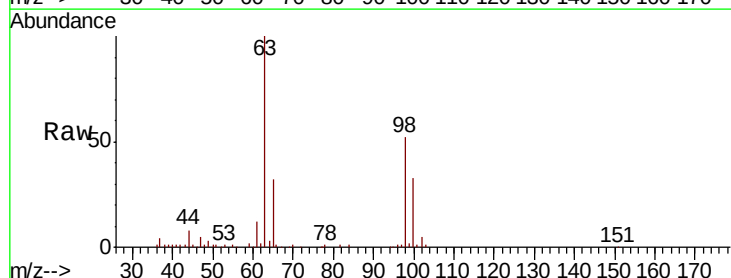
Tgt Ion: 96 Resp: 757

Ion Ratio Lower Upper

96 100

61 1014.1 130.1 241.7#

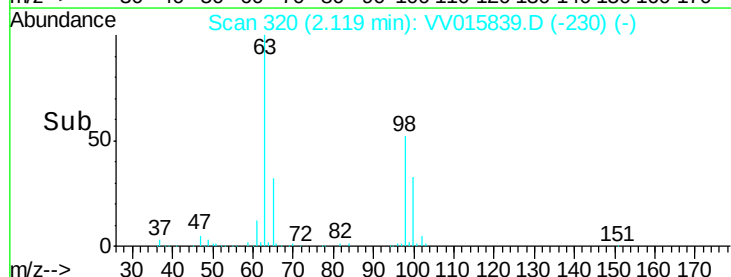
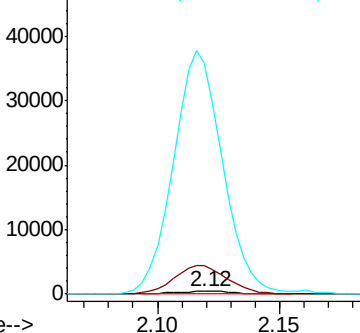
63 8164.0 91.4 169.8#

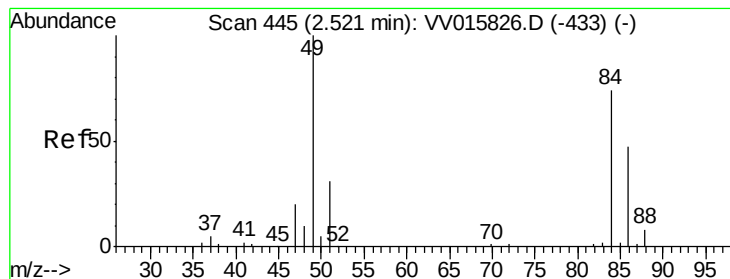


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methylene chloride

Concen: 0.150 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV015839.D

Acq: 30 Apr 2020 17:23

Instrument :

MSVOA_V

ClientSampled :

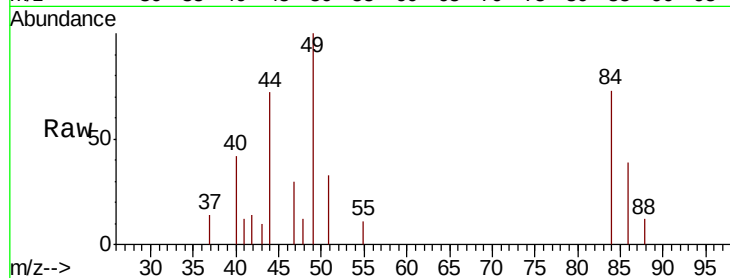
Tot Ion: 84 Resp: 1330

Ion Ratio Lower Upper

84 100

86 53.0 45.1 83.7

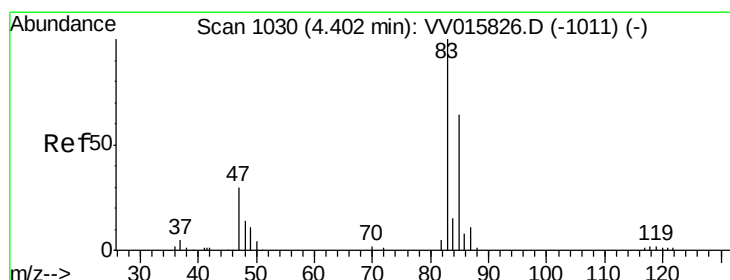
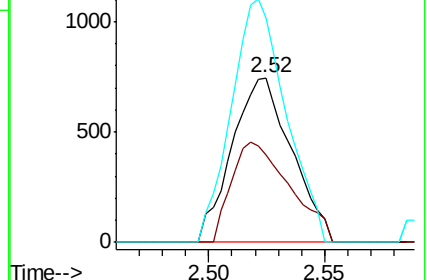
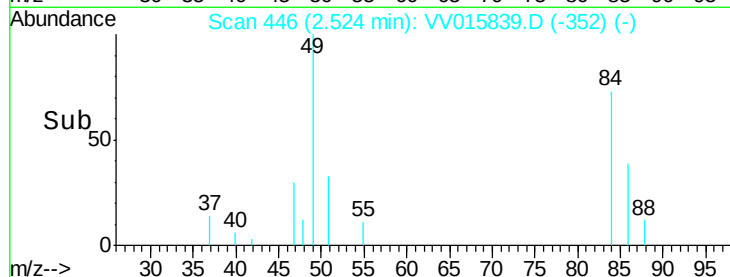
49 136.8 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV015839.D (-352) (-)

Ion 86.00 (85.70 to 86.70): VV015839.D (-352) (-)

Ion 49.10 (48.80 to 49.80): VV015839.D (-352) (-)



#25

Chloroform

Concen: 0.384 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015839.D

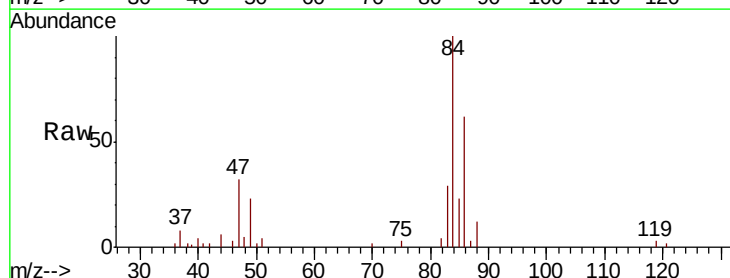
Acq: 30 Apr 2020 17:23

Tgt Ion: 83 Resp: 6426

Ion Ratio Lower Upper

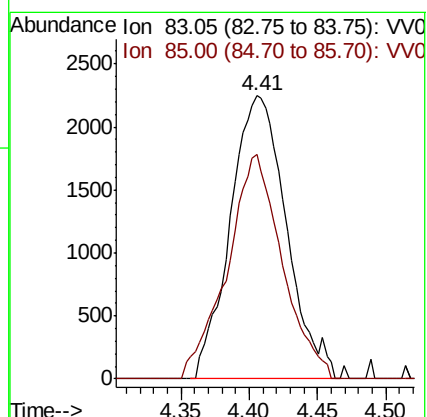
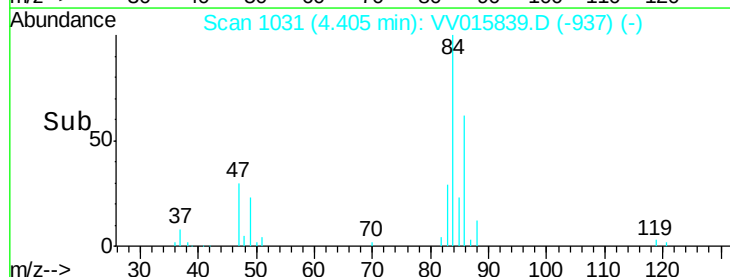
83 100

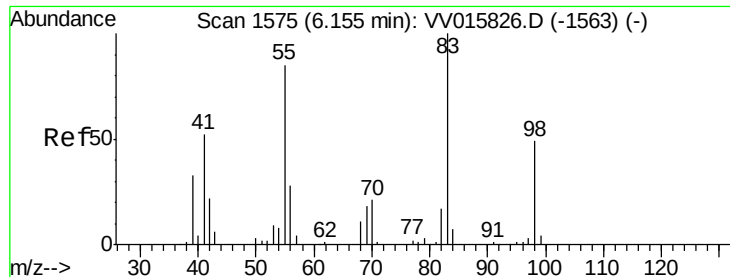
85 79.1 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015839.D (-937) (-)

Ion 85.00 (84.70 to 85.70): VV015839.D (-937) (-)

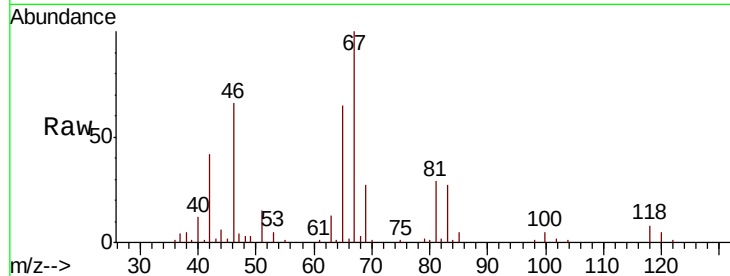




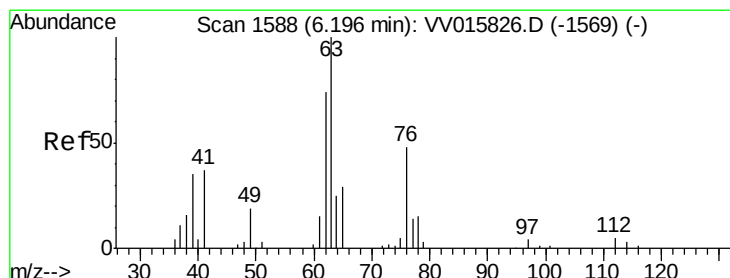
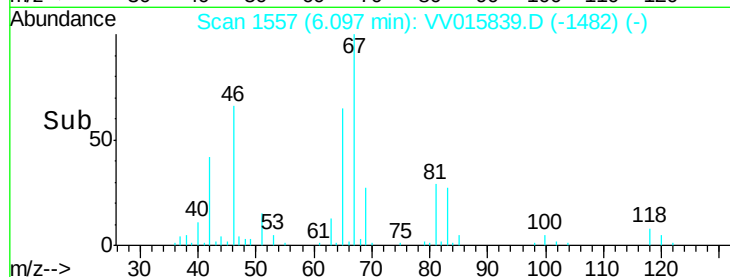
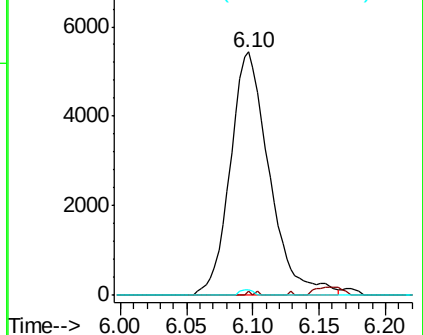
#35
Methylvlcyclohexane
Concen: 0.771 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015839.D
Acq: 30 Apr 2020 17:23

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11162
Ion Ratio Lower Upper
83 100
55 0.3 66.6 99.8#
98 0.8 39.5 59.3#

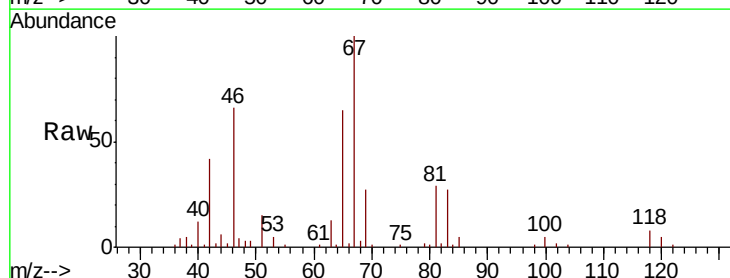


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

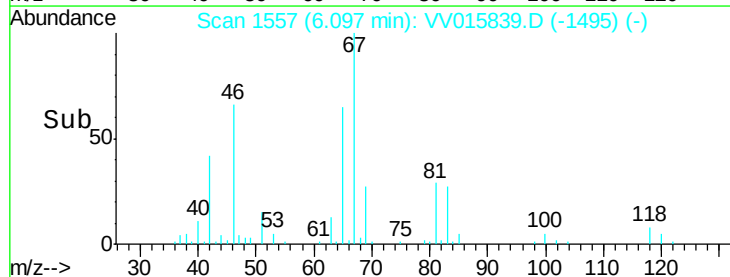
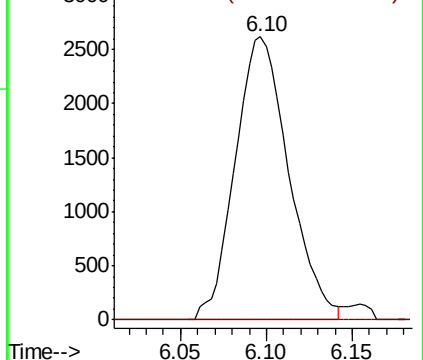


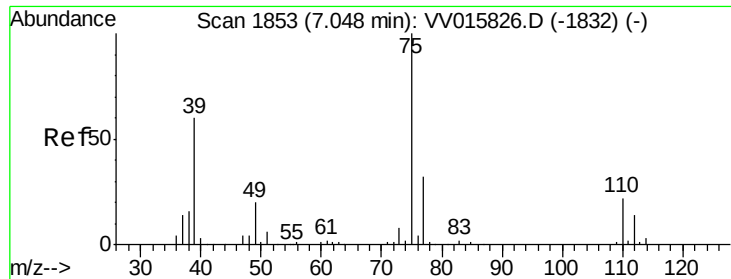
#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015839.D
Acq: 30 Apr 2020 17:23

Tgt Ion: 63 Resp: 5670
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



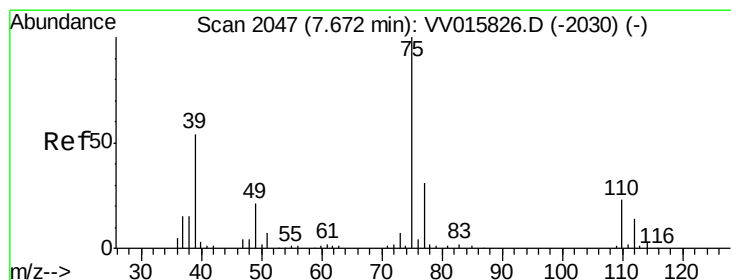
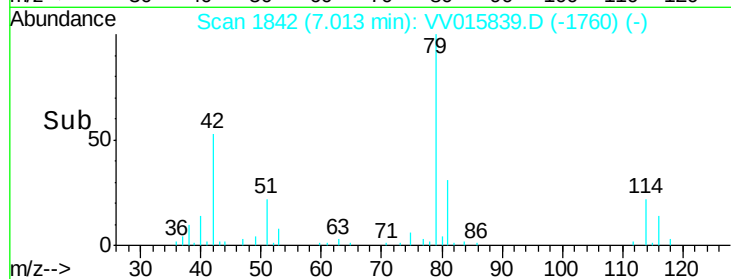
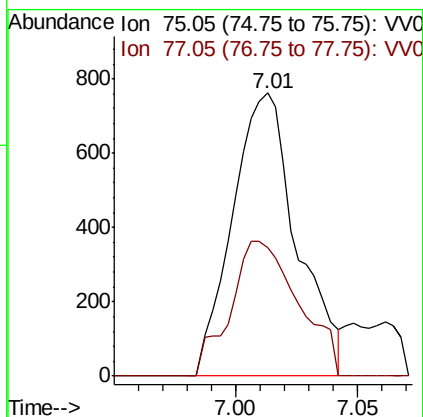
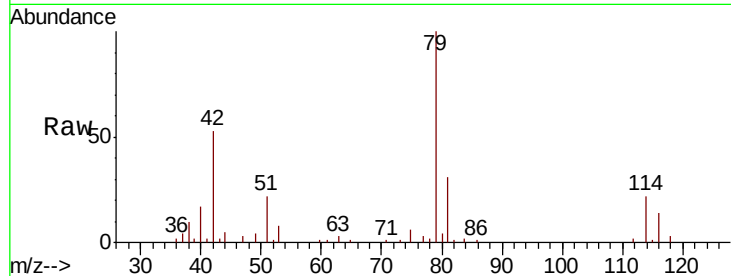


#39

cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015839.D
 Acq: 30 Apr 2020 17:23

Instrument :
 MSVOA_V
 ClientSampled :

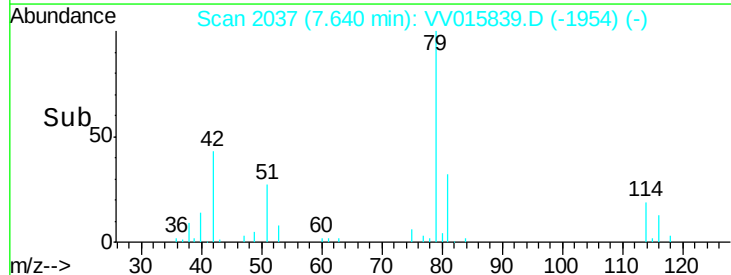
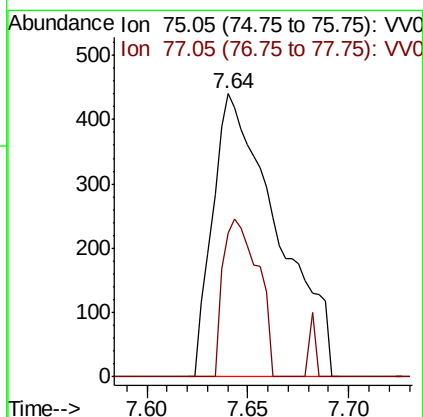
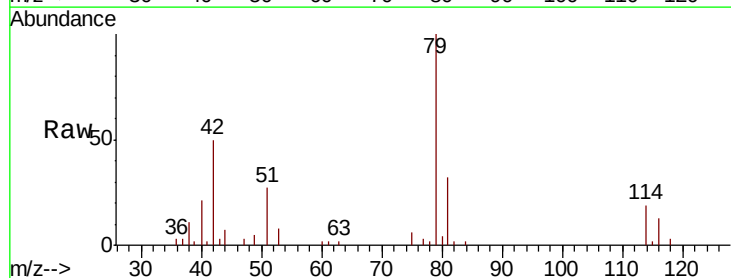
Tot Ion: 75 Resp: 1396
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.3 41.5#

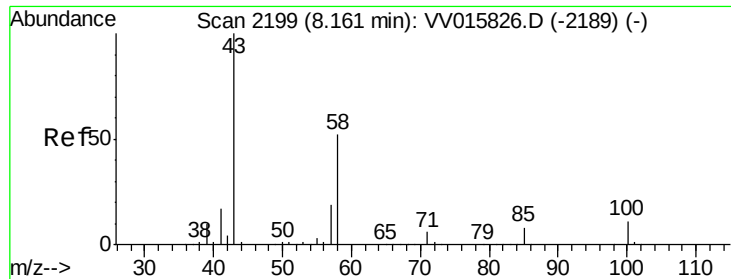


#44

trans-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV015839.D
 Acq: 30 Apr 2020 17:23

Tgt Ion: 75 Resp: 978
 Ion Ratio Lower Upper
 75 100
 77 50.7 21.8 40.6#





#48

2-Hexanone

Concen: 1.293 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015839.D

Acq: 30 Apr 2020 17:23

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5198

Ion Ratio Lower Upper

43 100

58 33.2 41.1 61.7#

57 0.0 15.0 22.4#

100 2.4 9.0 13.4#

