

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042320\
 Data File : VV015662.D
 Acq On : 23 Apr 2020 15:02
 Operator : SY/MD
 Sample : L2393-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:32:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 24 03:28:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	130302	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124348	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60520	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29505	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.57	69	29332	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.11	63	46935	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.95	46	104284	47.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.38%
24) Chloroform-d	4.38	84	70101	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.06	65	43284	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.07	84	138484	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.09	67	43955	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.34	98	124356	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.64	79	14607	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.11	63	81164	45.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31505	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	49701	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

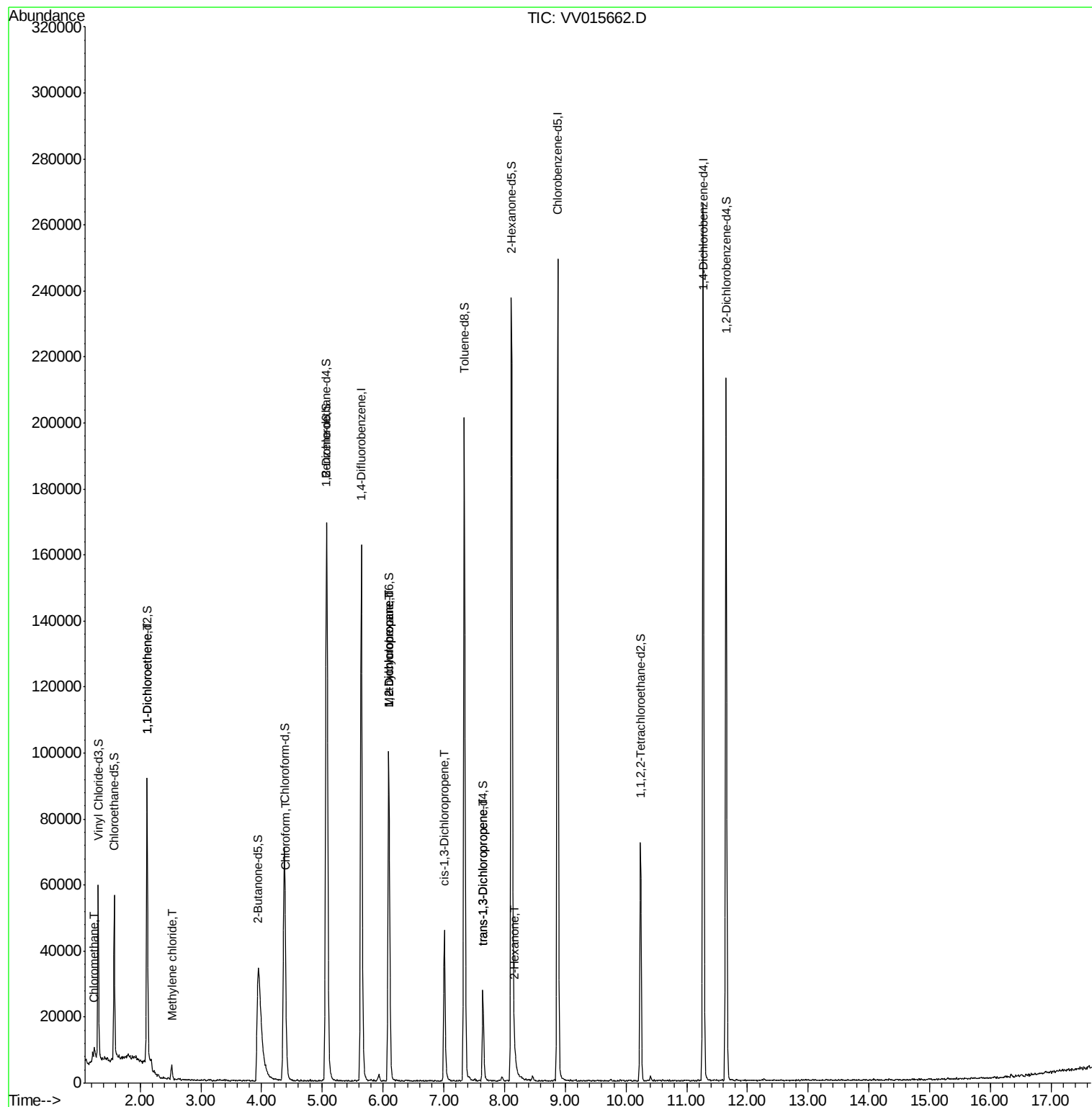
					Ovalue
3) Chloromethane	1.24	50	1526	0.158 ug/L	97
12) 1,1-Dichloroethene	2.11	96	539	0.071 ug/L #	1
16) Methylene chloride	2.52	84	1332	0.142 ug/L	97
25) Chloroform	4.40	83	4709	0.266 ug/L	96
35) Methylcyclohexane	6.09	83	10901	0.724 ug/L #	15
37) 1,2-Dichloropropane	6.09	63	5610	0.621 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1230	0.098 ug/L #	43
44) trans-1,3-Dichloropropene	7.65	75	727	0.069 ug/L	87
48) 2-Hexanone	8.17	43	2396	0.573 ug/L #	69

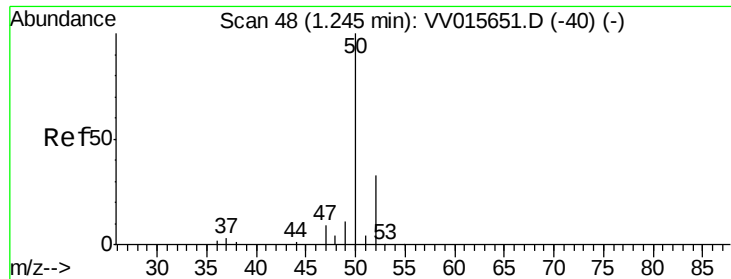
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 24 03:28:15 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.158 ug/L

RT: 1.24 min Scan# 48

Delta R.T. 0.00 min

Lab File: VV015662.D

Acq: 23 Apr 2020 15:02

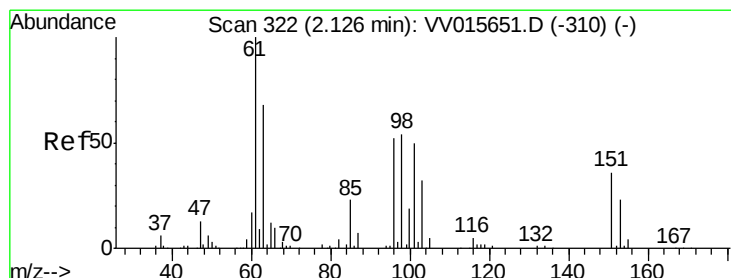
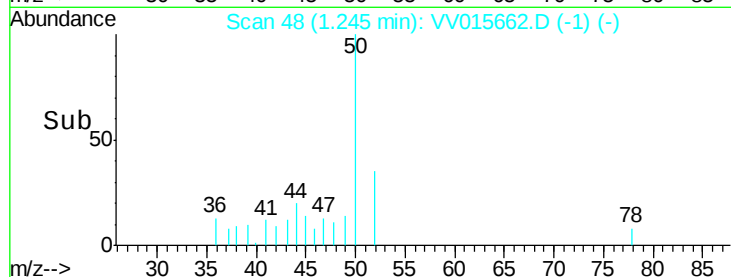
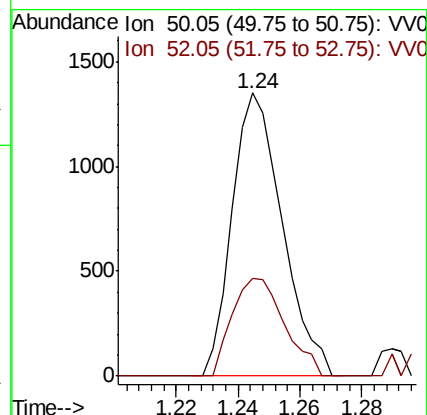
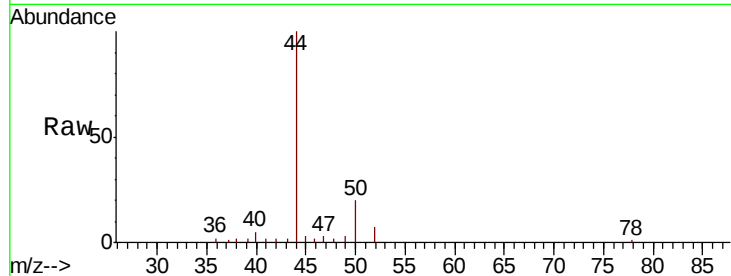
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 1526

Ion Ratio Lower Upper

50 100

52 34.6 22.9 42.5



#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV015662.D

Acq: 23 Apr 2020 15:02

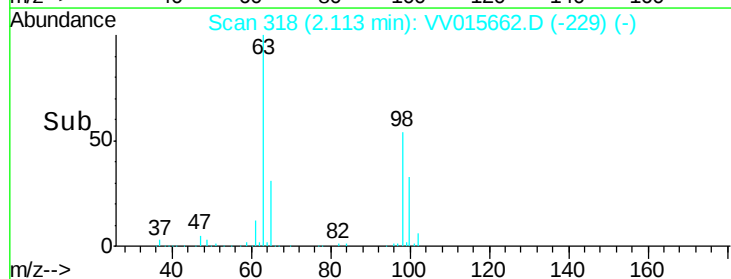
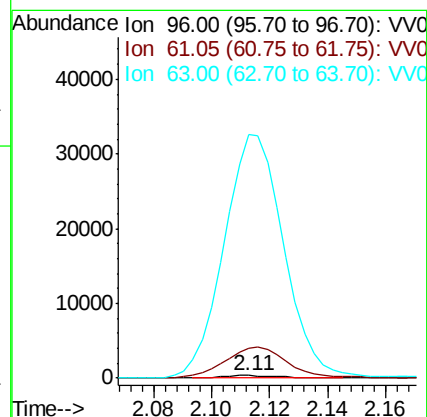
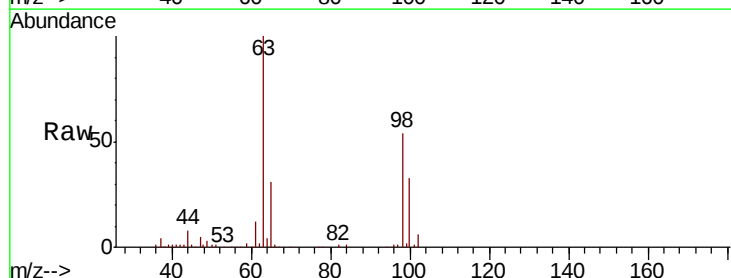
Tgt Ion: 96 Resp: 539

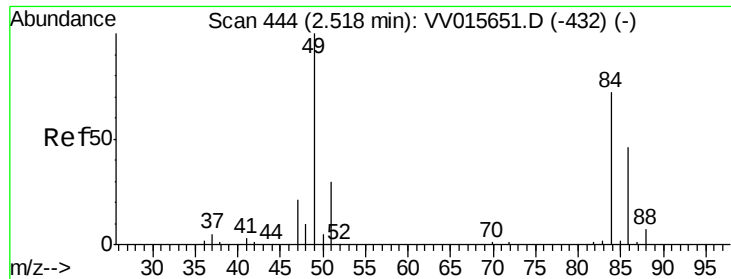
Ion Ratio Lower Upper

96 100

61 1239.1 130.1 241.7#

63 10025.8 91.4 169.8#

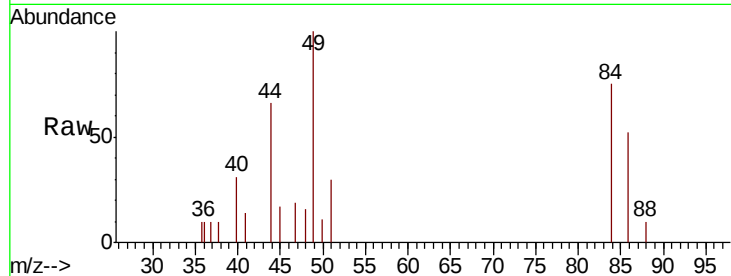




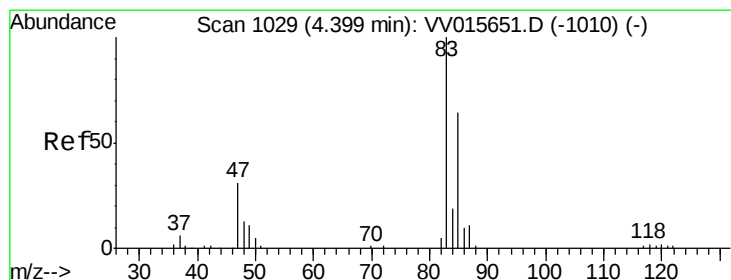
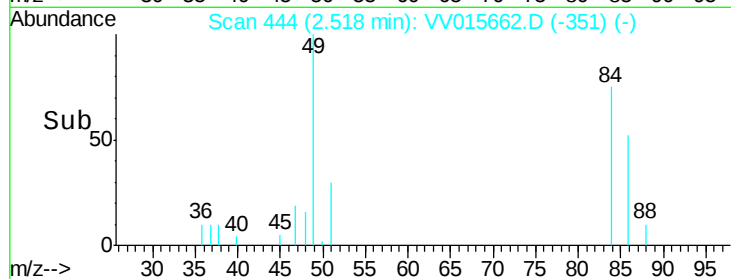
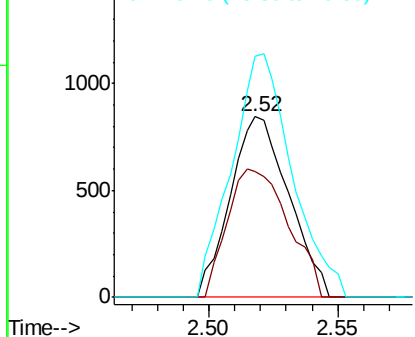
#16
Methvlene chloride
Concen: 0.142 ug/L
RT: 2.52 min Scan# 444
Delta R.T. 0.00 min
Lab File: VV015662.D
Acq: 23 Apr 2020 15:02

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 1332
Ion Ratio Lower Upper
84 100
86 69.5 45.1 83.7
49 133.5 94.4 175.4

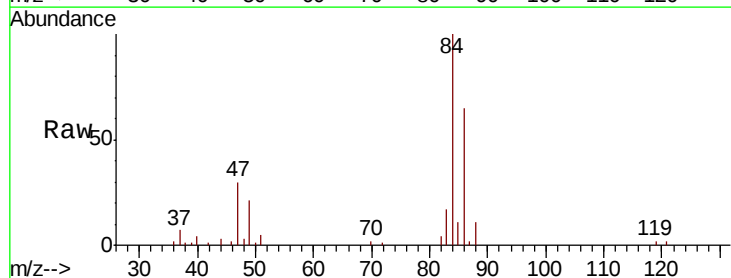


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

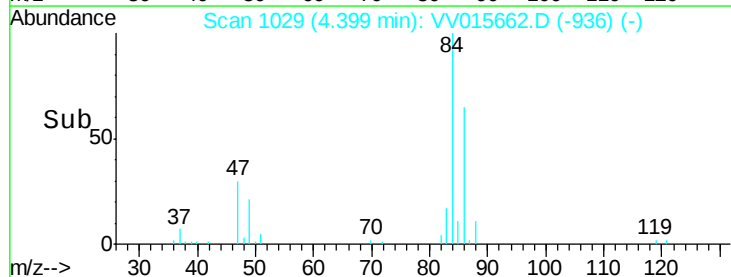
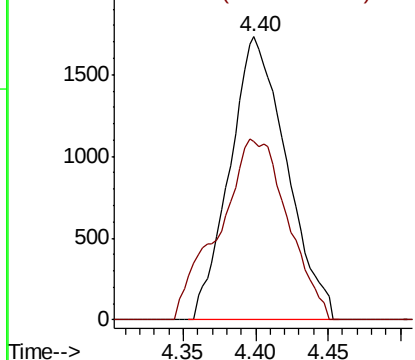


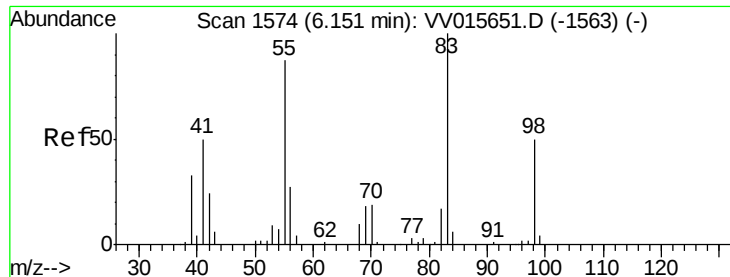
#25
Chloroform
Concen: 0.266 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV015662.D
Acq: 23 Apr 2020 15:02

Tgt Ion: 83 Resp: 4709
Ion Ratio Lower Upper
83 100
85 62.9 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

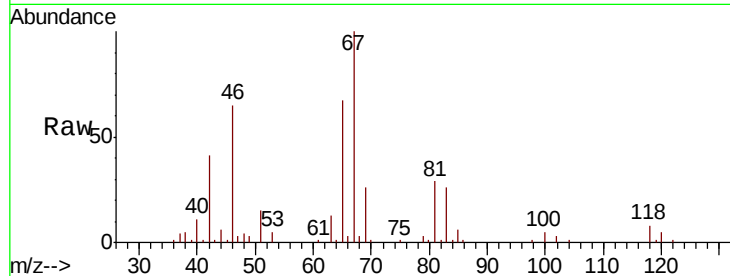




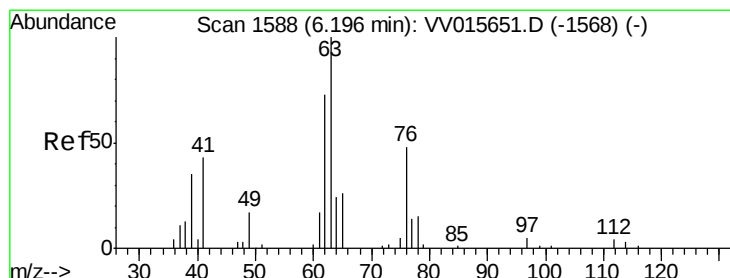
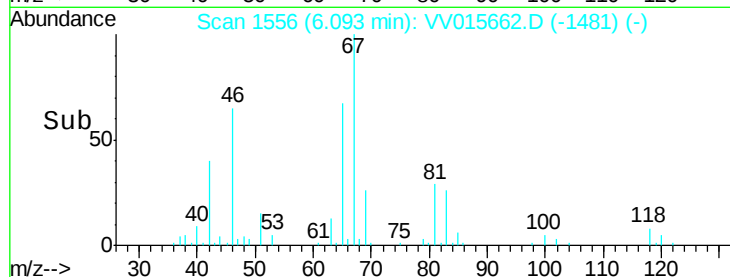
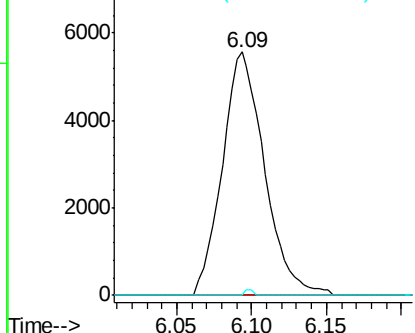
#35
Methvlcvclohexane
Concen: 0.724 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015662.D
Acq: 23 Apr 2020 15:02

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 10901
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.4 39.5 59.3#

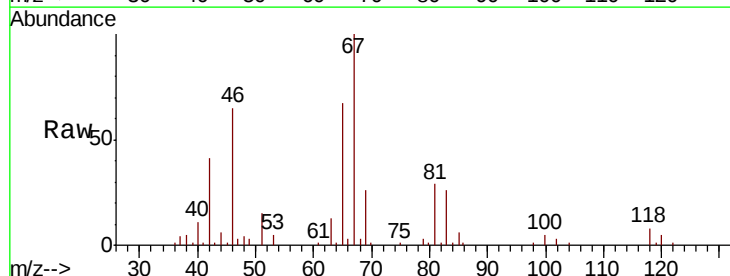


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

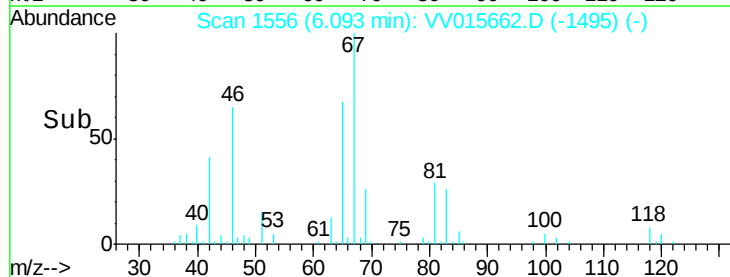
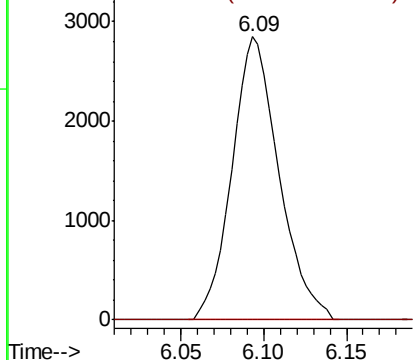


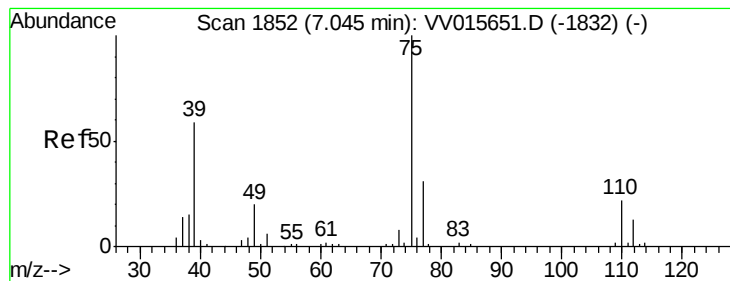
#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015662.D
Acq: 23 Apr 2020 15:02

Tgt Ion: 63 Resp: 5610
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



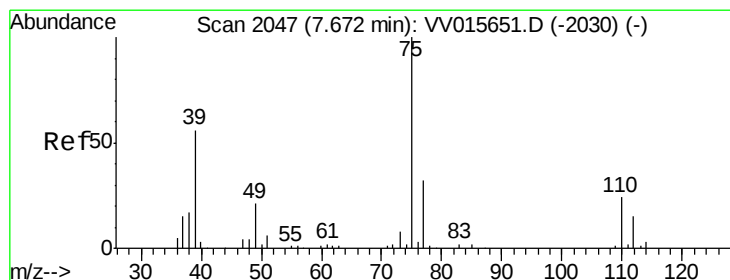
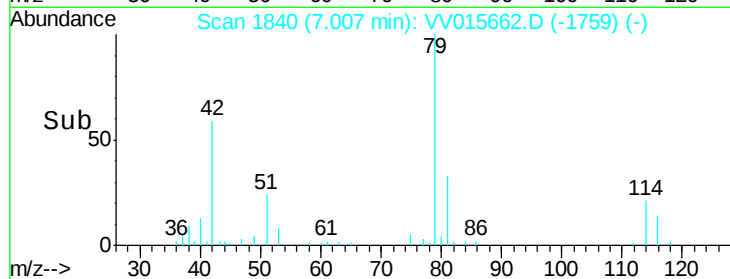
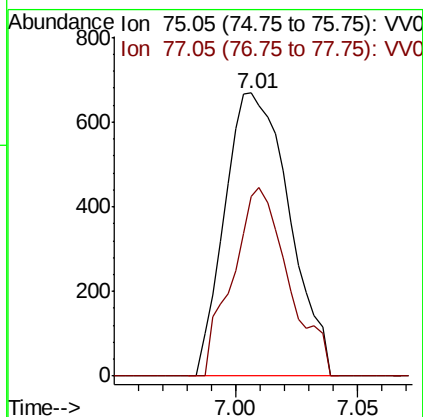
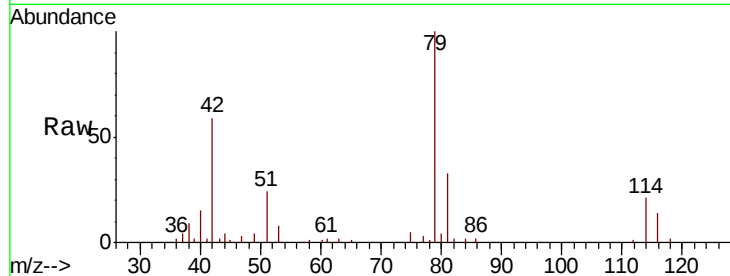


#39

cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV015662.D
Acq: 23 Apr 2020 15:02

Instrument :
MSVOA_V
ClientSampleId :

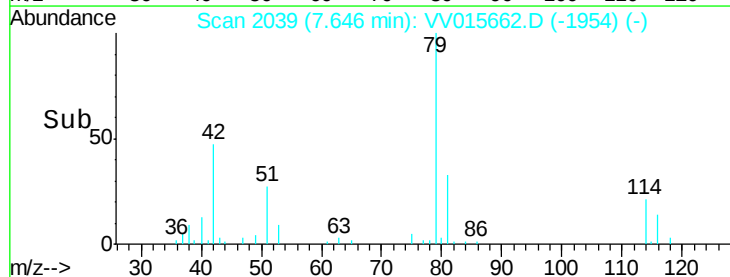
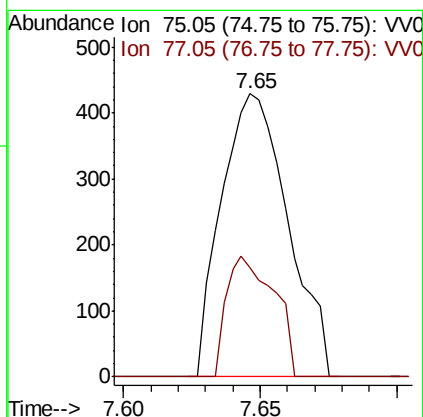
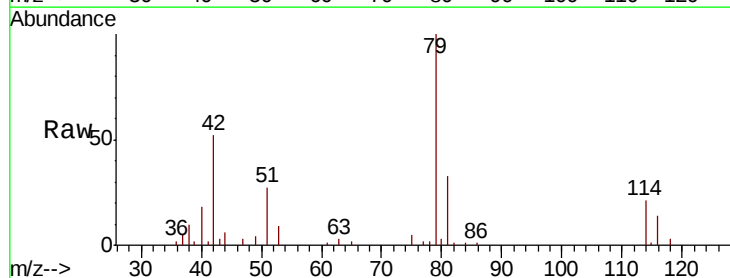
Tot Ion: 75 Resp: 1230
Ion Ratio Lower Upper
75 100
77 63.5 22.3 41.5#

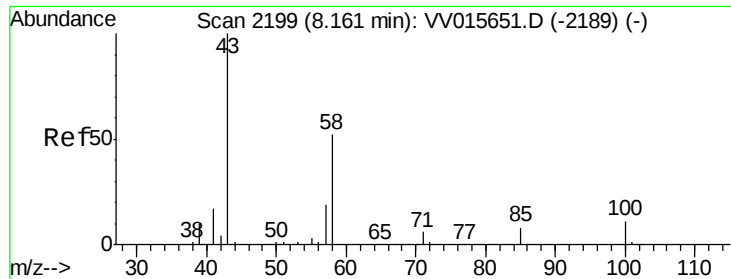


#44

trans-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015662.D
Acq: 23 Apr 2020 15:02

Tgt Ion: 75 Resp: 727
Ion Ratio Lower Upper
75 100
77 38.5 21.8 40.6

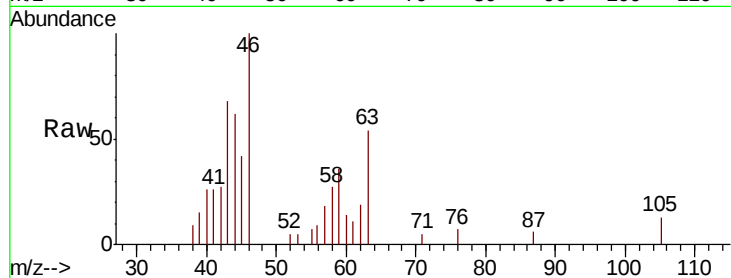




#48
 2-Hexanone
 Concen: 0.573 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV015662.D
 Acq: 23 Apr 2020 15:02

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	2396
Ion	Ratio	Lower	Upper
43	100		
58	25.3	41.1	61.7#
57	29.4	15.0	22.4#
100	4.9	9.0	13.4#



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

