

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050420\
 Data File : VV015887.D
 Acq On : 04 May 2020 16:07
 Operator : SY/MD
 Sample : L2432-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 05 01:32:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 05 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	126895	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121178	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33441	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.58	69	31704	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.12	63	50346	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.94	46	108710	51.05	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.10%
24) Chloroform-d	4.38	84	72617	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	43540	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.08	84	147620	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.10	67	46449	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.34	98	130471	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.64	79	15912	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.11	63	79696	45.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32387	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	50471	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

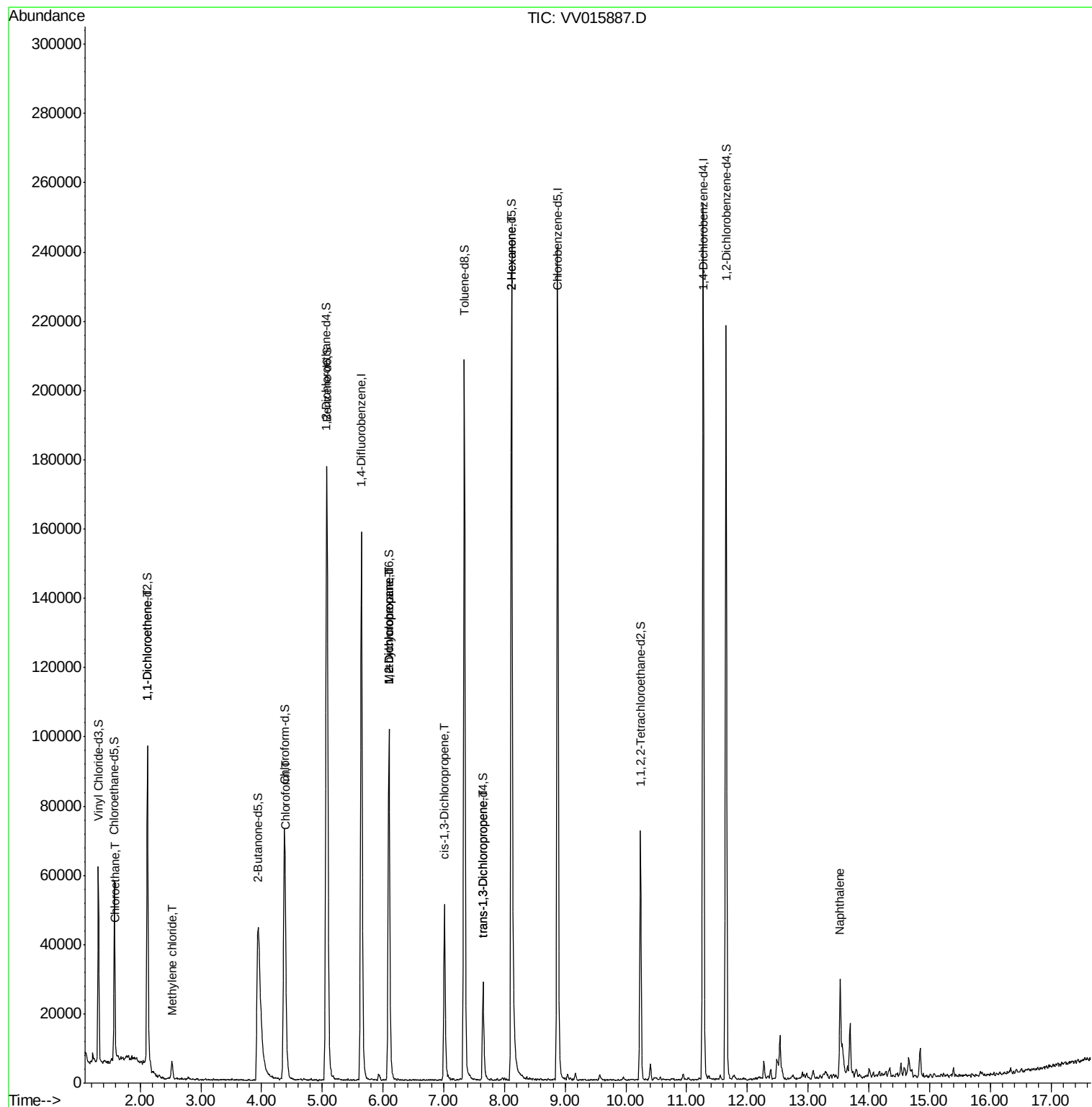
					Ovalue
8) Chloroethane	1.60	64	3252	0.493 ug/L #	43
12) 1,1-Dichloroethene	2.12	96	560	0.076 ug/L #	1
16) Methylene chloride	2.52	84	1948	0.214 ug/L	98
25) Chloroform	4.40	83	5829	0.338 ug/L	94
35) Methylcyclohexane	6.10	83	11569	0.788 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5627	0.639 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1447	0.118 ug/L #	52
44) trans-1,3-Dichloropropene	7.65	75	857	0.083 ug/L	91
48) 2-Hexanone	8.11	43	11599	2.848 ug/L #	80
69) Naphthalene	13.53	128	18765	0.821 ug/L	98

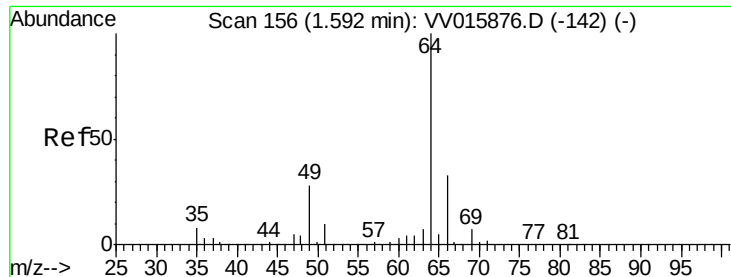
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 05 01:28:45 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.493 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV015887.D

Acq: 04 May 2020 16:07

Instrument :

MSVOA_V

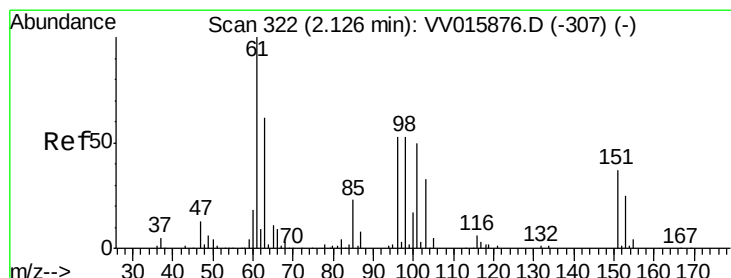
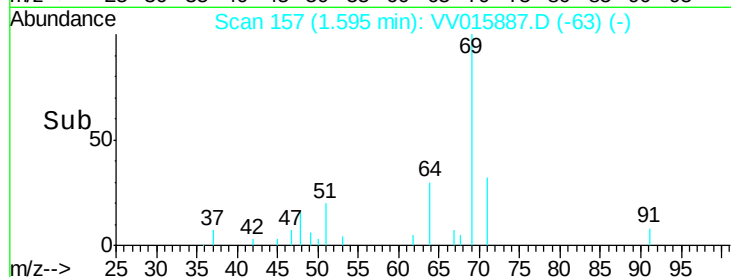
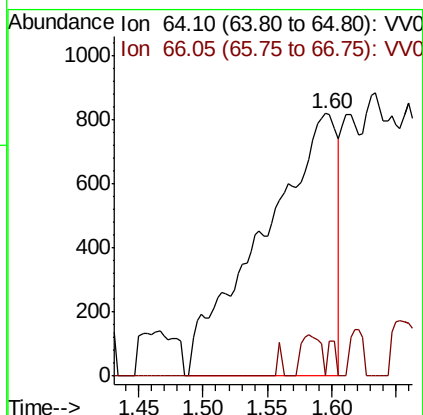
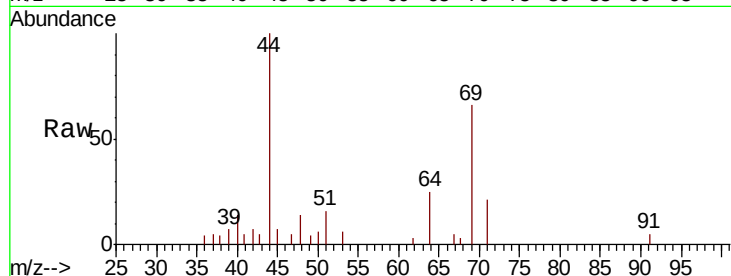
ClientSampleId :

Tot Ion: 64 Resp: 3252

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 0.076 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015887.D

Acq: 04 May 2020 16:07

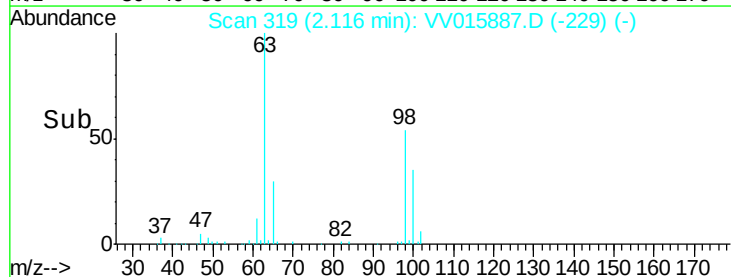
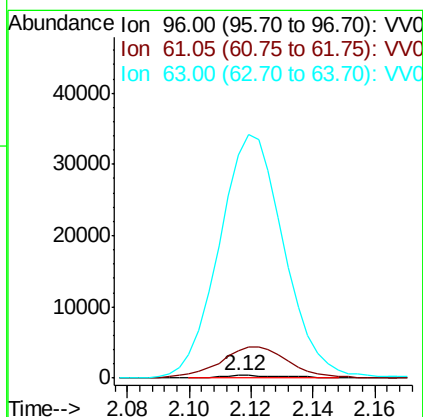
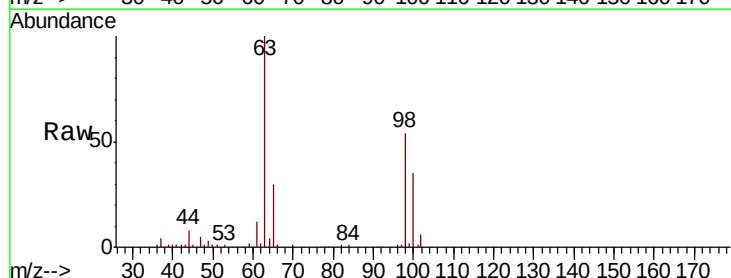
Tgt Ion: 96 Resp: 560

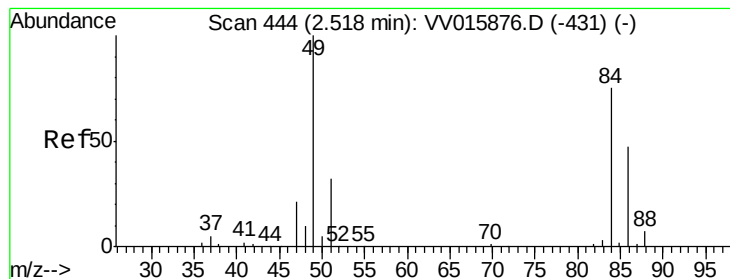
Ion Ratio Lower Upper

96 100

61 1065.7 130.1 241.7#

63 8529.7 91.4 169.8#





#16

Methylene chloride

Concen: 0.214 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.01 min

Lab File: VV015887.D

Acq: 04 May 2020 16:07

Instrument :

MSVOA_V

ClientSampleId :

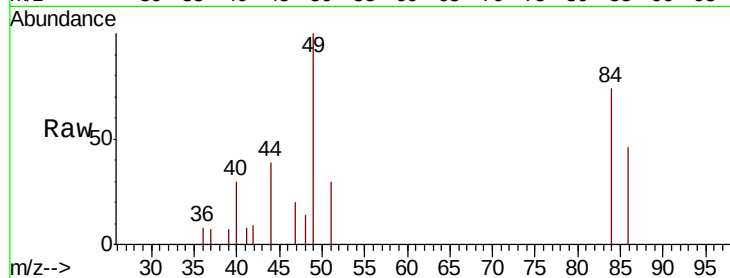
Tot Ion: 84 Resp: 1948

Ion Ratio Lower Upper

84 100

86 61.4 45.1 83.7

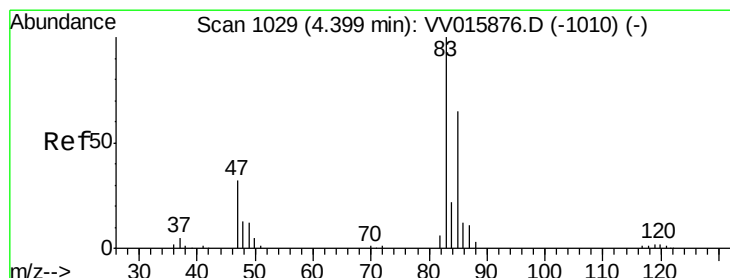
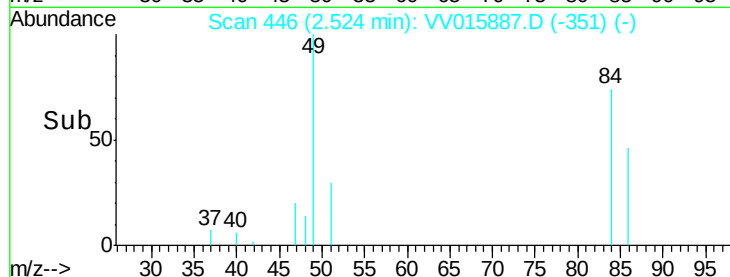
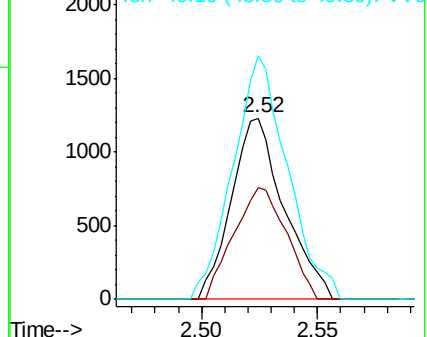
49 134.3 94.4 175.4



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: 0.338 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV015887.D

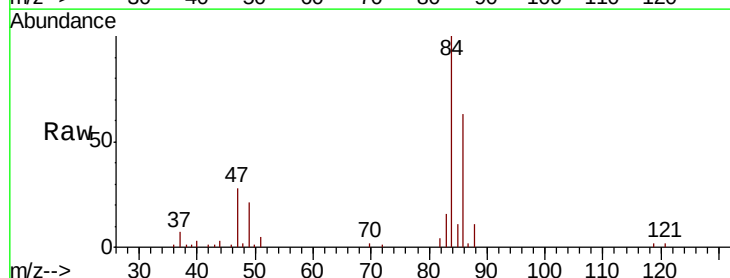
Acq: 04 May 2020 16:07

Tgt Ion: 83 Resp: 5829

Ion Ratio Lower Upper

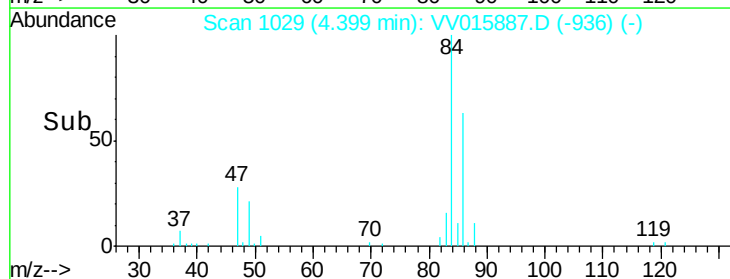
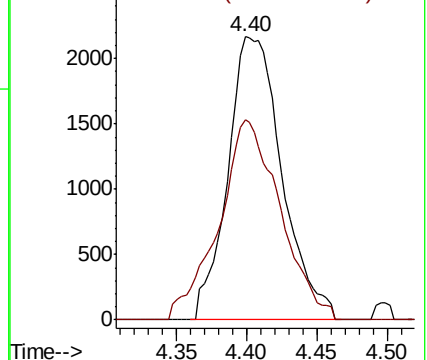
83 100

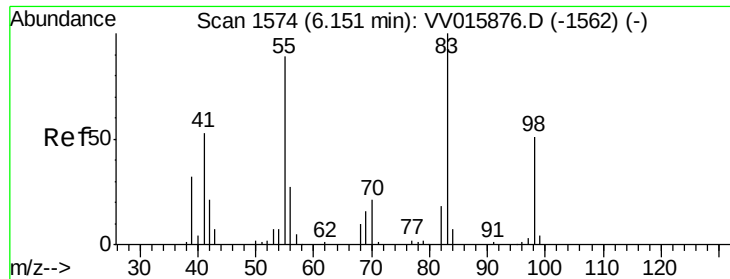
85 70.9 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

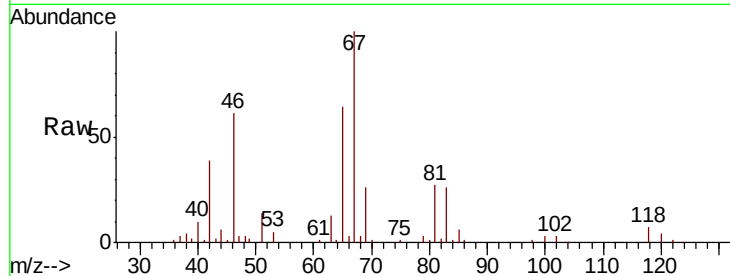




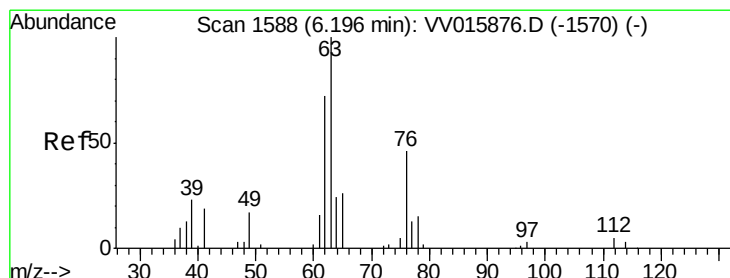
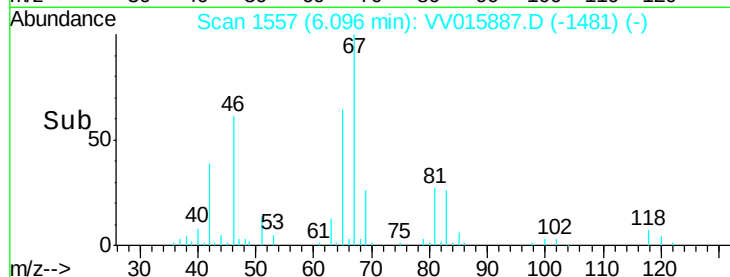
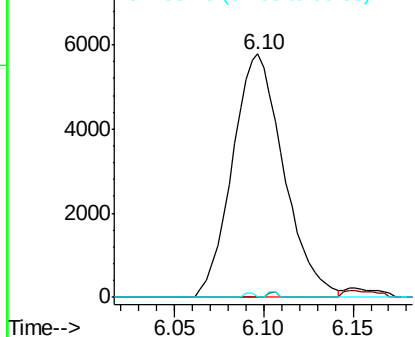
#35
Methvlcvclohexane
Concen: 0.788 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015887.D
Acq: 04 May 2020 16:07

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11569
Ion Ratio Lower Upper
83 100
55 0.4 66.6 99.8#
98 0.4 39.5 59.3#

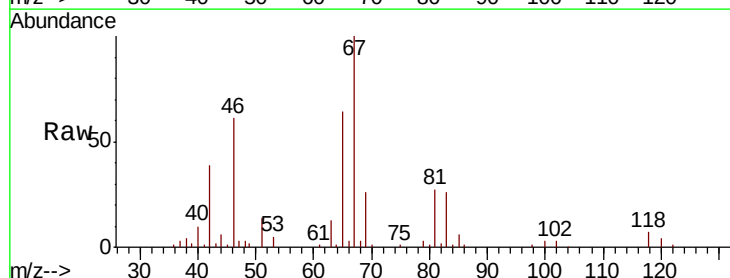


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

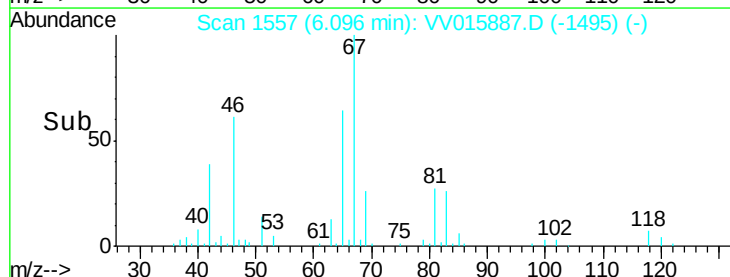
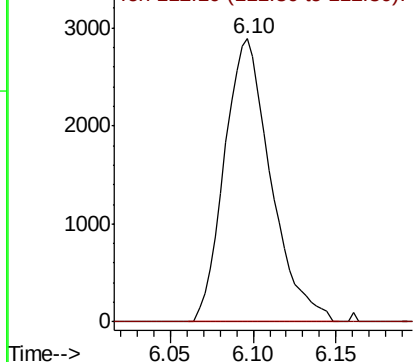


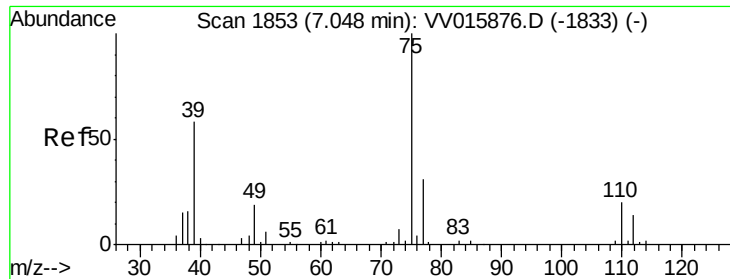
#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015887.D
Acq: 04 May 2020 16:07

Tgt Ion: 63 Resp: 5627
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

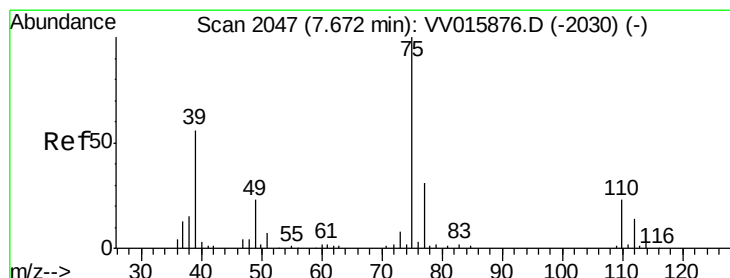
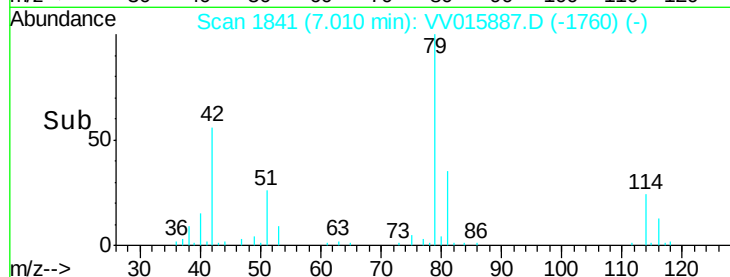
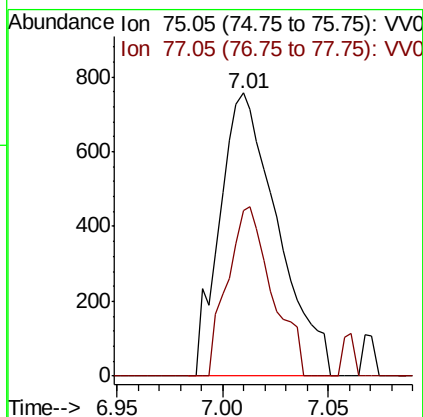
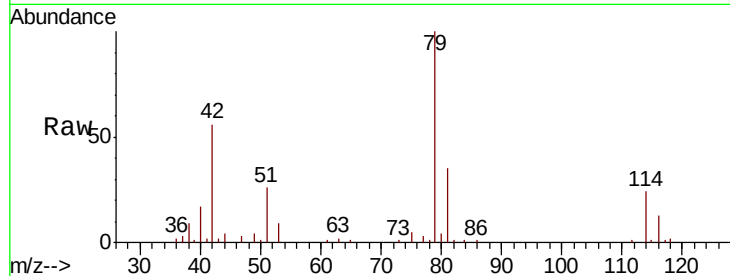




#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015887.D
 Acq: 04 May 2020 16:07

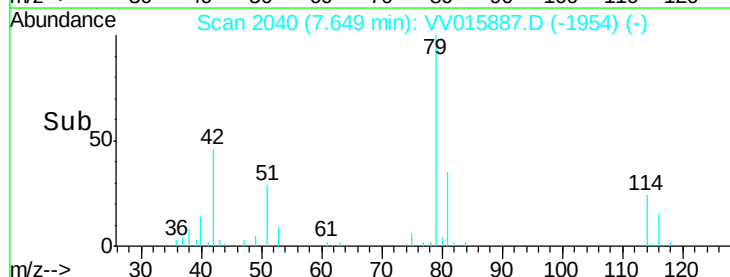
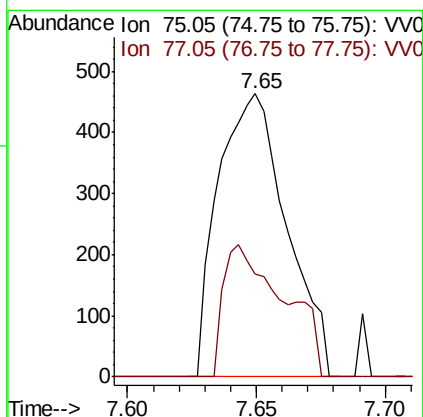
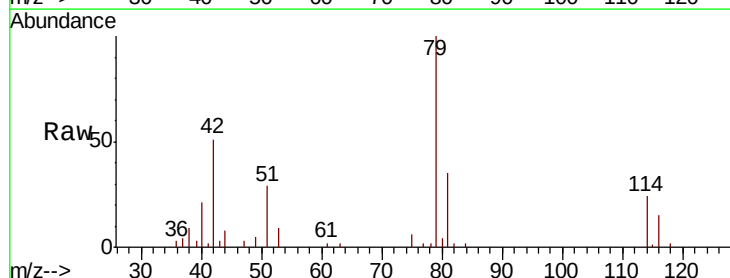
Instrument :
 MSVOA_V
 ClientSampleId :

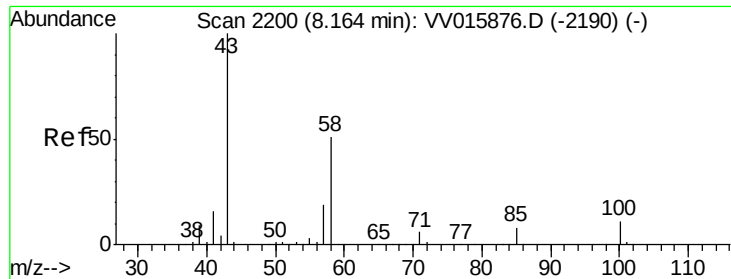
Tot Ion: 75 Resp: 1447
 Ion Ratio Lower Upper
 75 100
 77 58.5 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV015887.D
 Acq: 04 May 2020 16:07

Tgt Ion: 75 Resp: 857
 Ion Ratio Lower Upper
 75 100
 77 36.3 21.8 40.6

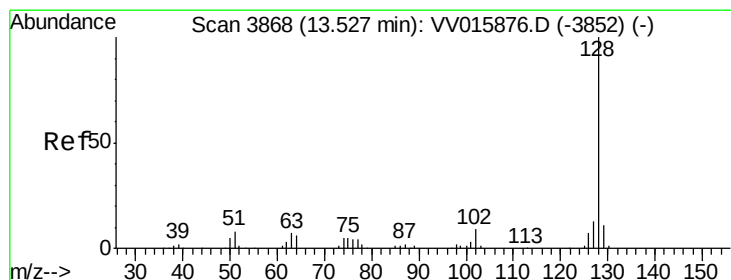
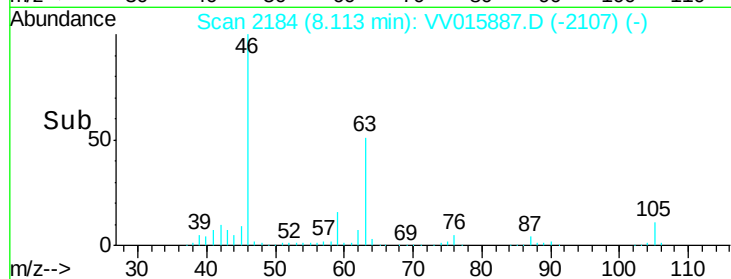
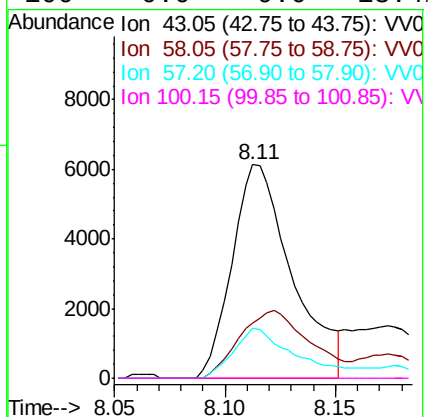
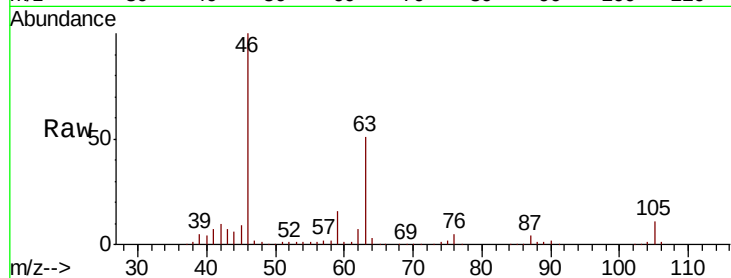




#48
2-Hexanone
Concen: 2.848 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015887.D
Acq: 04 May 2020 16:07

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 11599
Ion Ratio Lower Upper
43 100
58 36.8 41.1 61.7#
57 24.1 15.0 22.4#
100 0.0 9.0 13.4#



#69
Naphthalene
Concen: 0.821 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV015887.D
Acq: 04 May 2020 16:07

Tgt Ion: 128 Resp: 18765
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 14.2 10.2 15.4

