

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015744.D
 Acq On : 28 Apr 2020 14:02
 Operator : SY/MD
 Sample : VV0428WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 00:43:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 00:40:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	133201	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38936	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	1.57	69	34211	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.12	63	56036	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.94	46	90778	40.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.22%
24) Chloroform-d	4.37	84	64657	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
26) 1,2-Dichloroethane-d4	5.06	65	40100	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.07	84	136867	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.09	67	42953	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.33	98	121365	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.64	79	14158	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.11	63	67690	36.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28589	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	44211	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

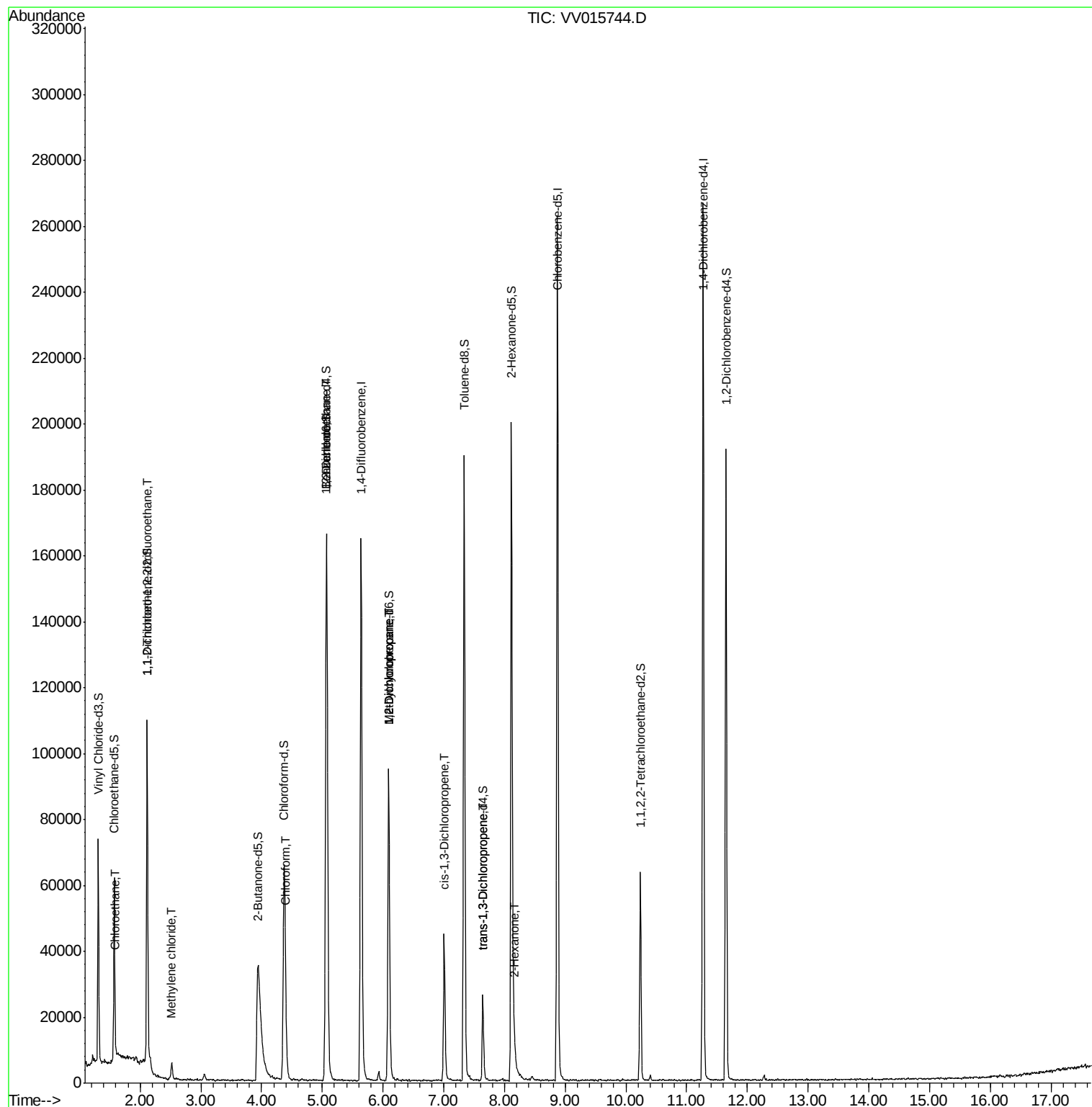
					Ovalue
8) Chloroethane	1.60	64	2470	0.357 ug/L #	58
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	609	0.073 ug/L #	22
16) Methylene chloride	2.52	84	1830	0.191 ug/L	89
25) Chloroform	4.40	83	7884	0.436 ug/L	100
27) 1,2-Dichloroethane	5.07	62	983	0.083 ug/L #	78
35) Methylcyclohexane	6.09	83	10863	0.688 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5495	0.580 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1256	0.095 ug/L #	81
44) trans-1,3-Dichloropropene	7.64	75	773	0.070 ug/L #	80
48) 2-Hexanone	8.17	43	4608	1.051 ug/L #	54

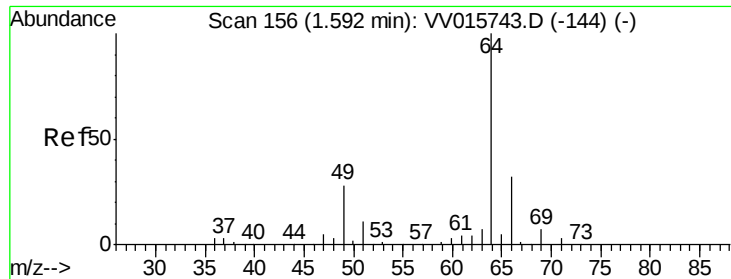
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 29 00:40:59 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.357 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV015744.D

Acq: 28 Apr 2020 14:02

Instrument :

MSVOA_V

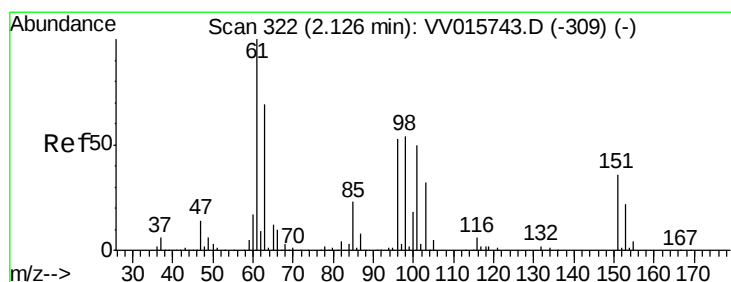
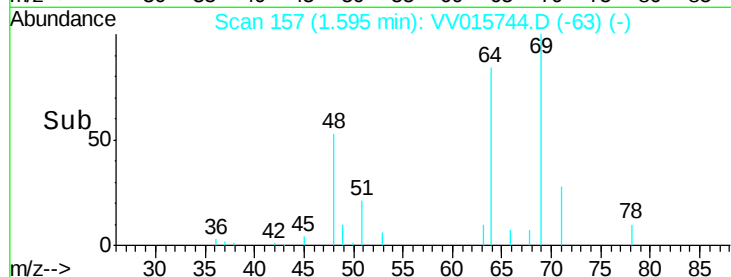
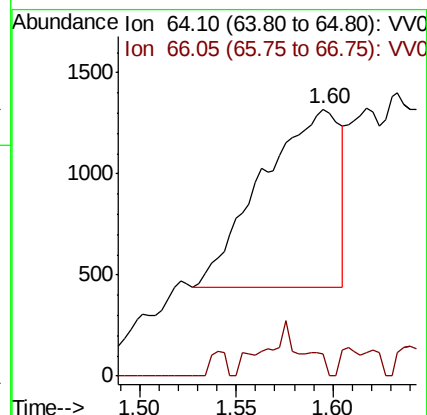
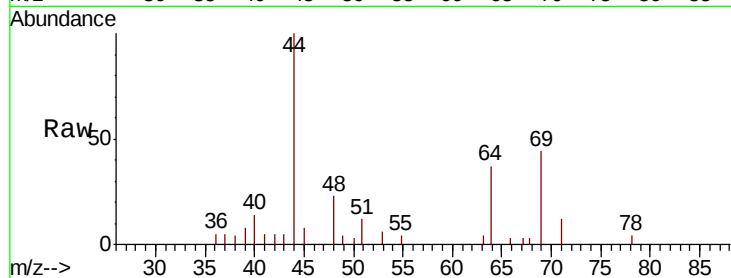
ClientSampleId :

Tot Ion: 64 Resp: 2470

Ion Ratio Lower Upper

64 100

66 8.3 22.3 41.5#



#10

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

Concen: 0.073 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015744.D

Acq: 28 Apr 2020 14:02

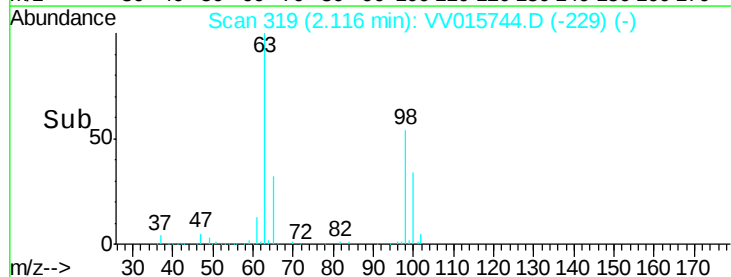
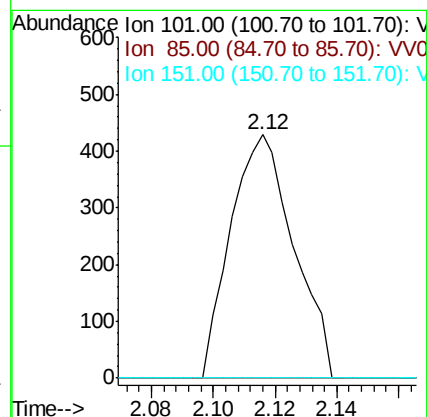
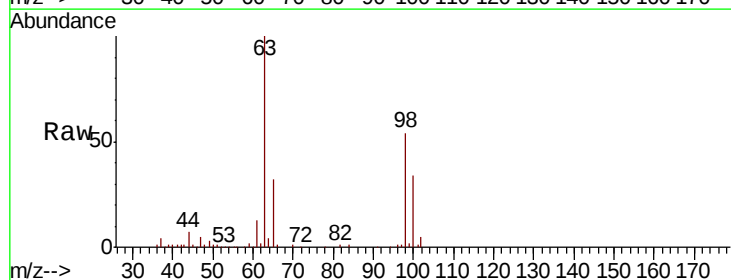
Tgt Ion: 101 Resp: 609

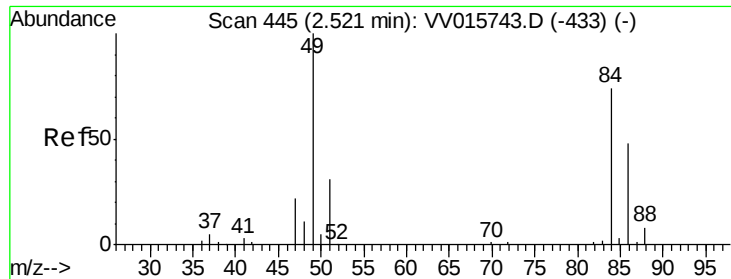
Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 55.2 82.8#

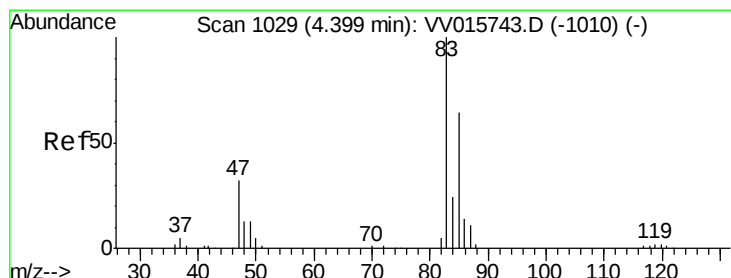
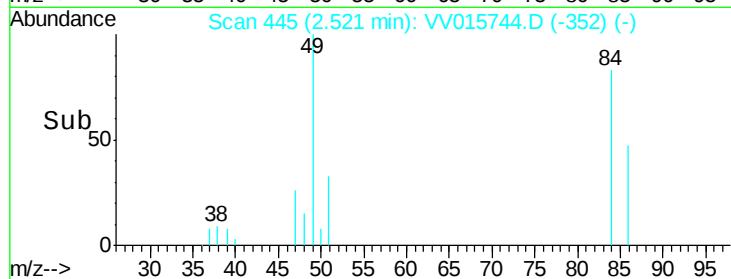
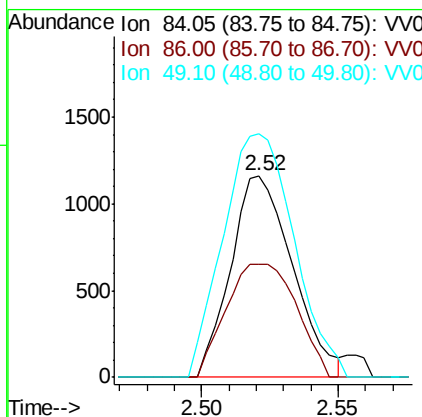
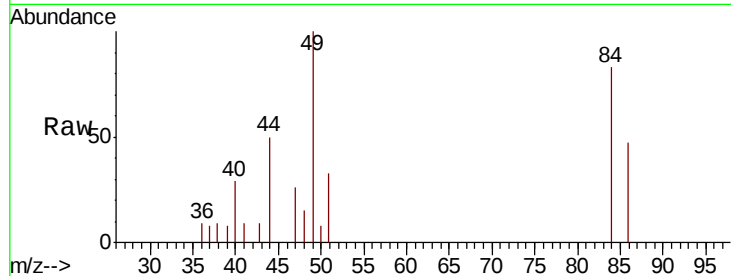




#16
Methvlene chloride
Concen: 0.191 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV015744.D
Acq: 28 Apr 2020 14:02

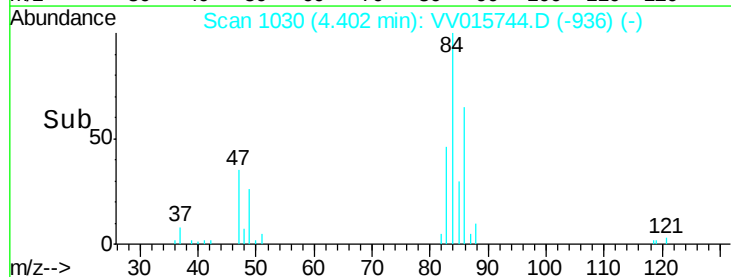
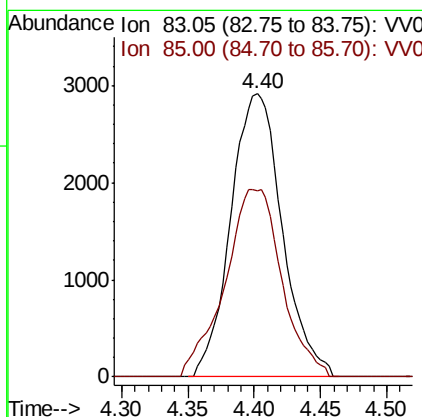
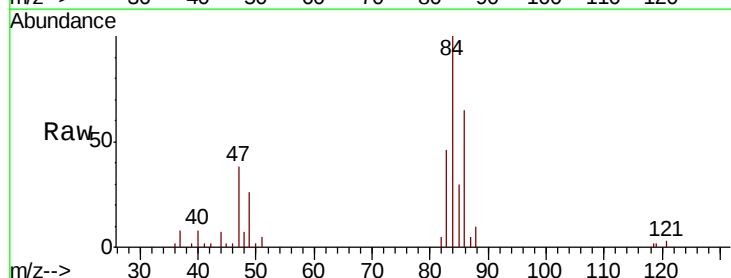
Instrument :
MSVOA_V
ClientSampled :

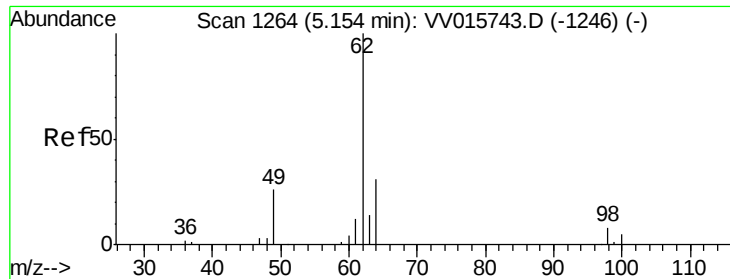
Tot Ion: 84 Resp: 1830
Ion Ratio Lower Upper
84 100
86 56.4 45.1 83.7
49 120.7 94.4 175.4



#25
Chloroform
Concen: 0.436 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015744.D
Acq: 28 Apr 2020 14:02

Tgt Ion: 83 Resp: 7884
Ion Ratio Lower Upper
83 100
85 65.7 46.1 85.5

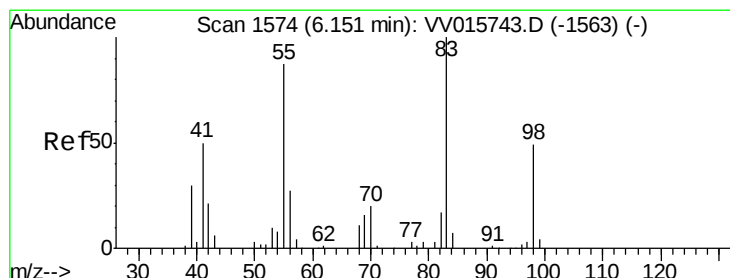
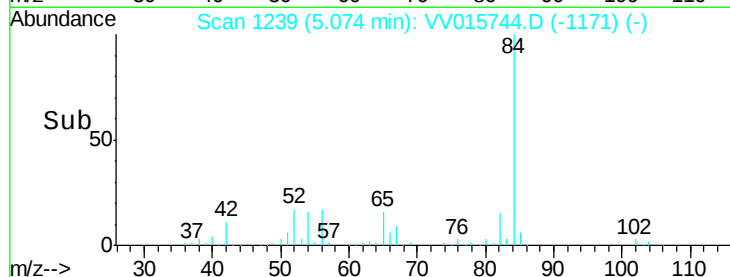
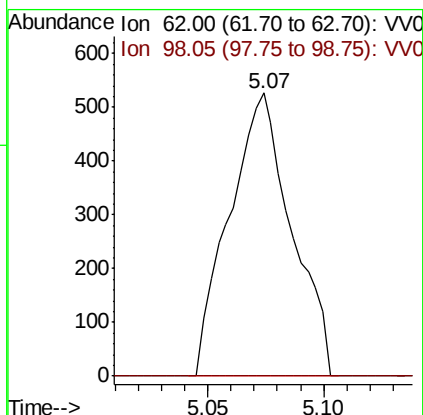
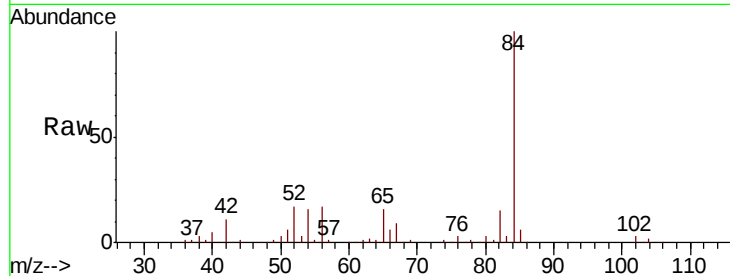




#27
 1,2-Dichloroethane
 Concen: 0.083 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015744.D
 Acq: 28 Apr 2020 14:02

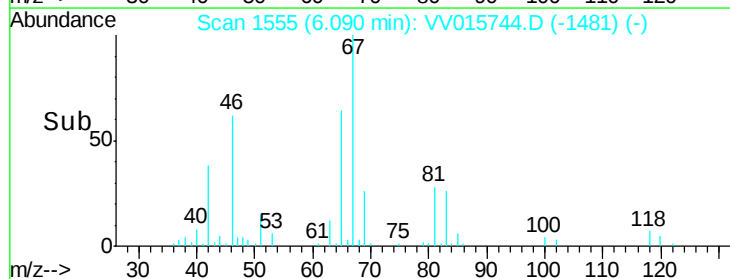
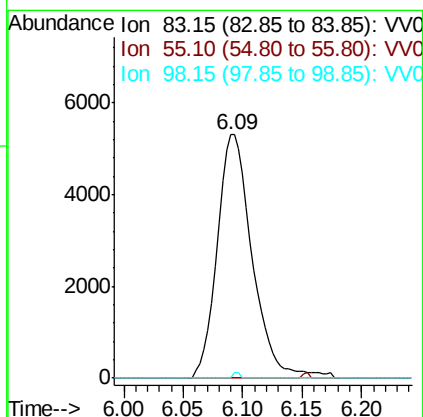
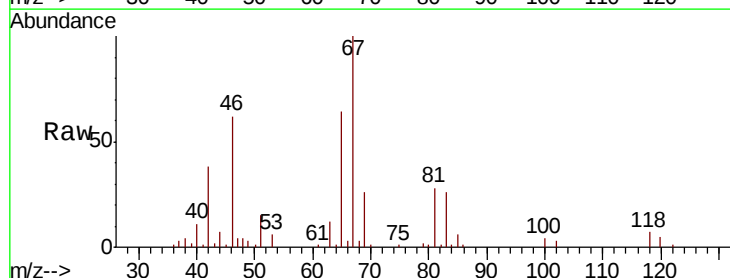
Instrument :
 MSVOA_V
 ClientSampleId :

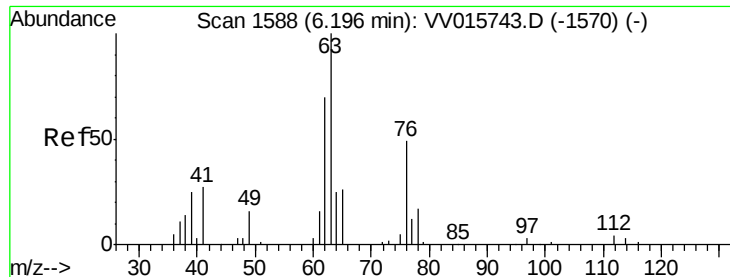
Tot Ion: 62 Resp: 983
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.688 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.06 min
 Lab File: VV015744.D
 Acq: 28 Apr 2020 14:02

Tgt Ion: 83 Resp: 10863
 Ion Ratio Lower Upper
 83 100
 55 0.4 66.6 99.8#
 98 0.4 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015744.D

Acq: 28 Apr 2020 14:02

Instrument :

MSVOA_V

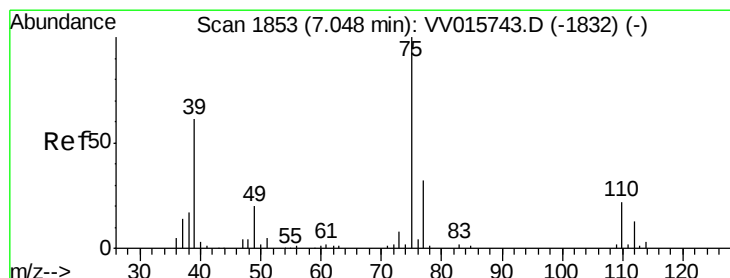
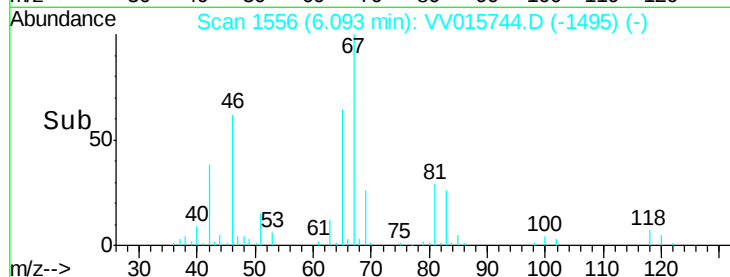
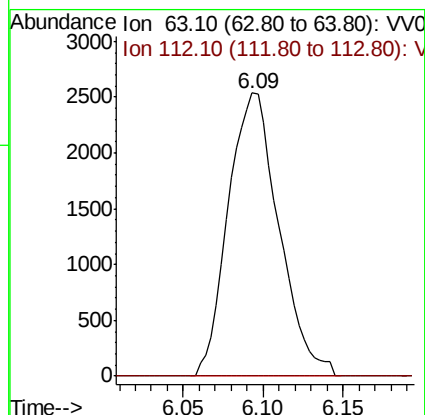
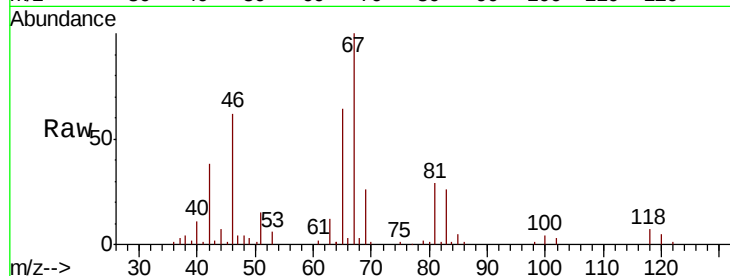
ClientSampleId :

Tot Ion: 63 Resp: 5495

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV015744.D

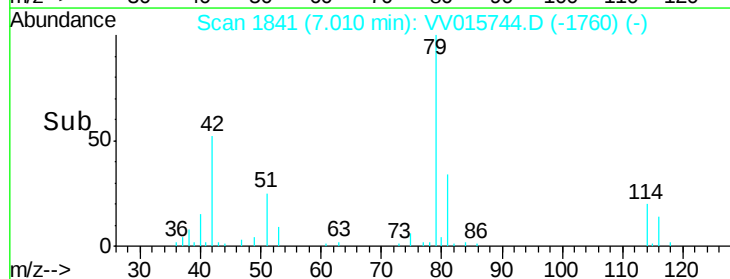
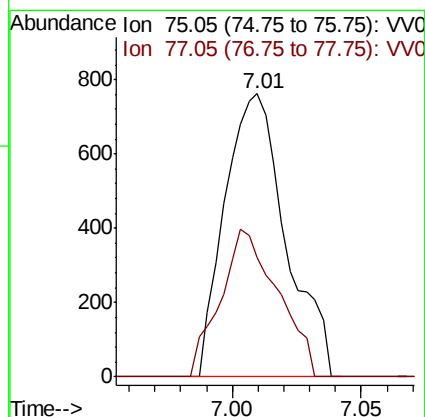
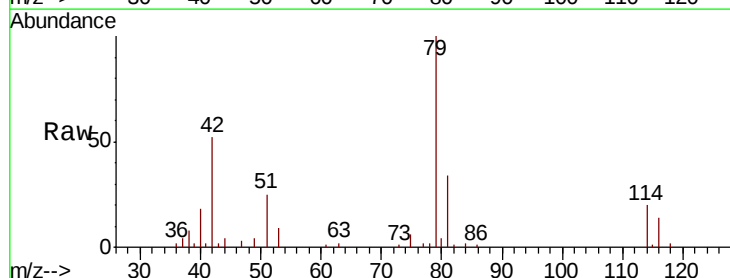
Acq: 28 Apr 2020 14:02

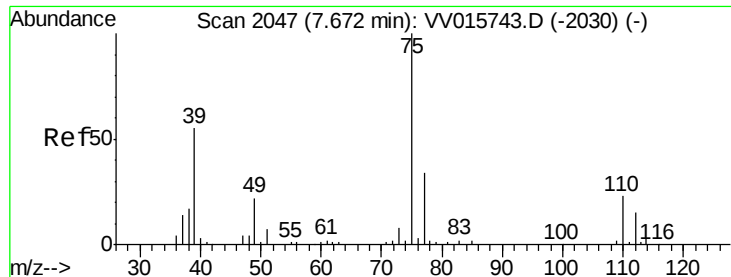
Tgt Ion: 75 Resp: 1256

Ion Ratio Lower Upper

75 100

77 42.3 22.3 41.5#

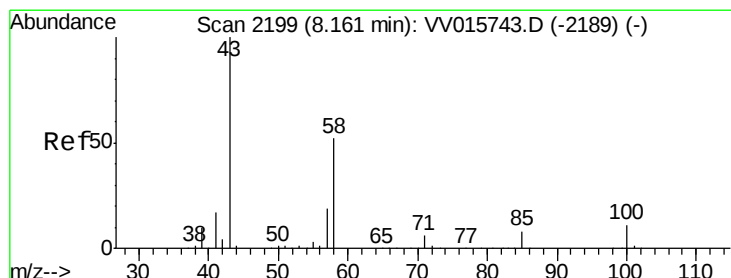
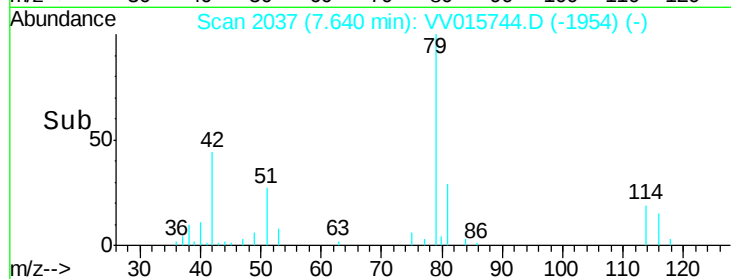
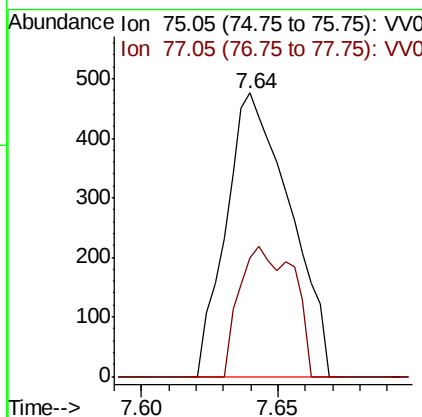
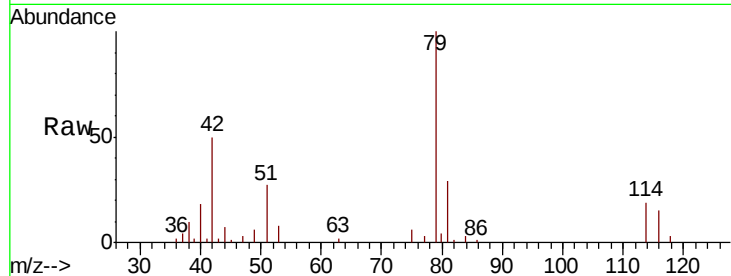




#44
trans-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV015744.D
Acq: 28 Apr 2020 14:02

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 773
Ion Ratio Lower Upper
75 100
77 42.0 21.8 40.6#



#48
2-Hexanone
Concen: 1.051 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV015744.D
Acq: 28 Apr 2020 14:02

Tgt Ion: 43 Resp: 4608
Ion Ratio Lower Upper
43 100
58 4.5 41.1 61.7#
57 13.9 15.0 22.4#
100 6.9 9.0 13.4#

