

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016164.D
 Acq On : 21 May 2020 19:18
 Operator : SY/MD
 Sample : L2731-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:58:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:50:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	116552	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	114147	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	49173	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28021	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	32767	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.13	63	52709	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.94	46	102447	56.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.60%
24) Chloroform-d	4.38	84	81334	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.60%
26) 1,2-Dichloroethane-d4	5.06	65	44881	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.08	84	152477	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
36) 1,2-Dichloropropane-d6	6.10	67	50015	6.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.60%
41) Toluene-d8	7.34	98	132362	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
45) trans-1,3-Dichloropropene-	7.65	79	14041	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
48) 2-Hexanone-d5	8.12	63	79024	55.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33318	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	49968	6.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.20%#

Target Compounds

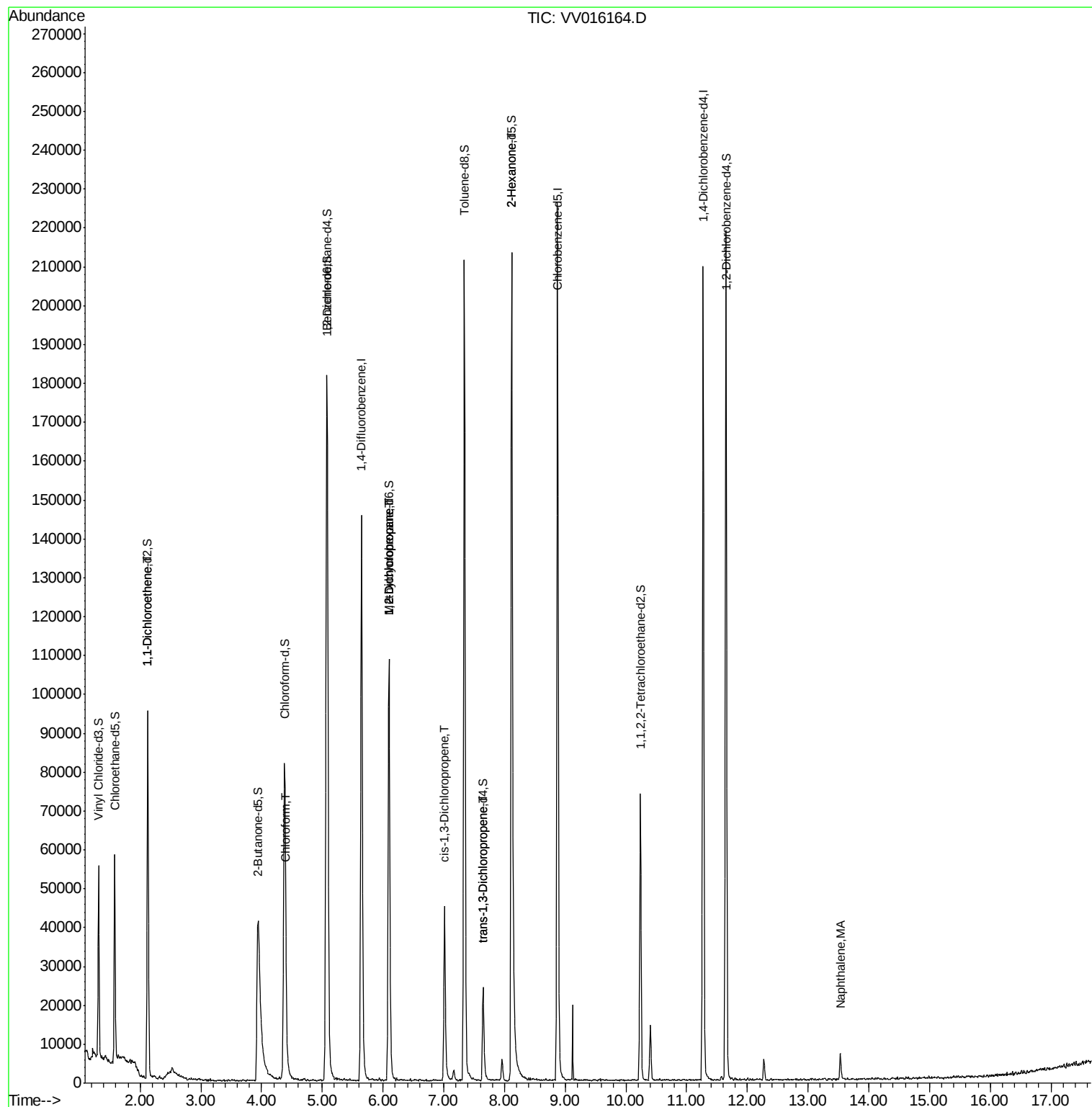
					Ovalue
12) 1,1-Dichloroethene	2.12	96	504	0.079 ug/L #	1
25) Chloroform	4.41	83	2896	0.193 ug/L	95
35) Methylcyclohexane	6.10	83	11969	0.965 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6158	0.844 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1201	0.116 ug/L #	70
46) trans-1,3-Dichloropropene	7.65	75	789	0.091 ug/L	99
50) 2-Hexanone	8.12	43	12793	3.978 ug/L #	73
70) Naphthalene	13.53	128	5351	0.404 ug/L	96

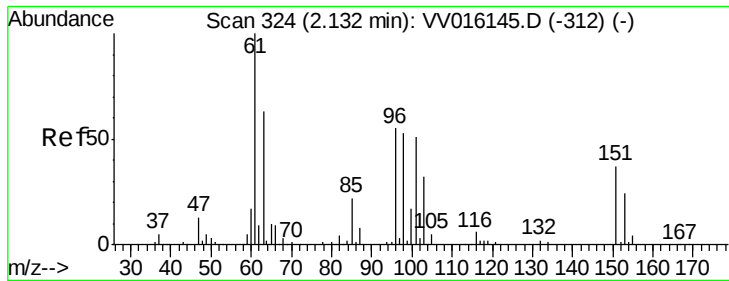
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:50:48 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016164.D

Acq: 21 May 2020 19:18

Instrument :

MSVOA_V

ClientSampleId :

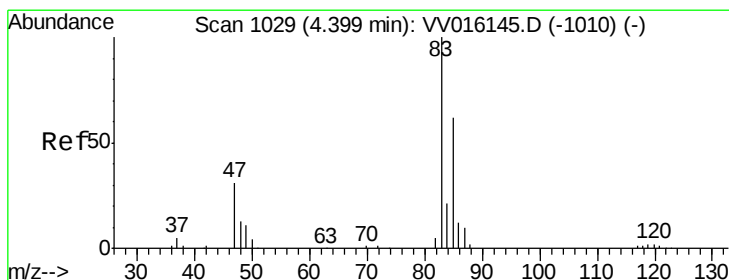
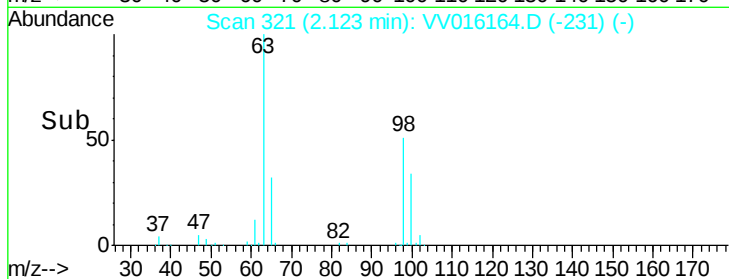
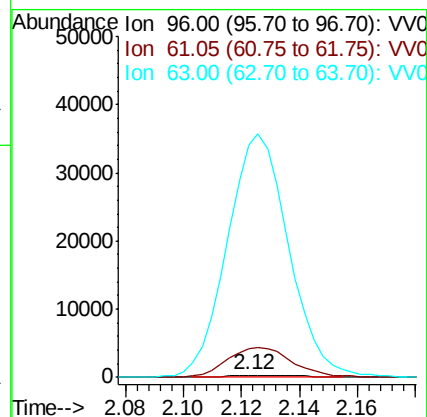
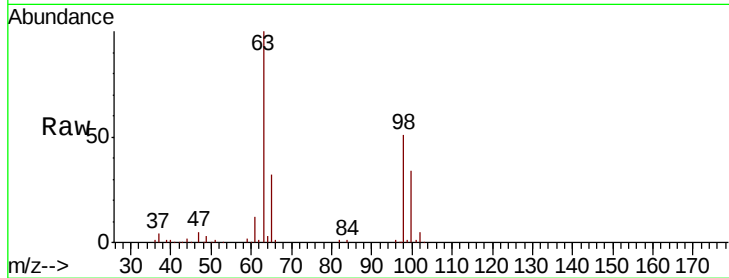
Tot Ion: 96 Resp: 504

Ion Ratio Lower Upper

96 100

61 1284.0 139.9 259.7#

63 10461.3 106.4 197.6#



#25

Chloroform

Concen: 0.193 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV016164.D

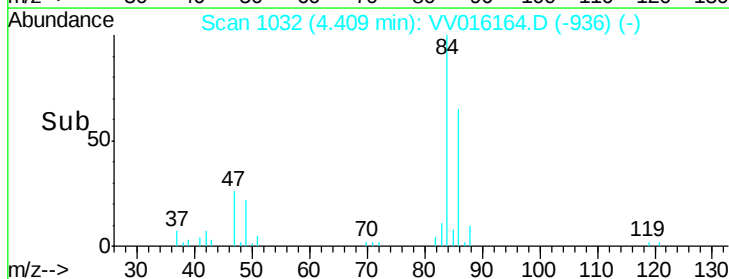
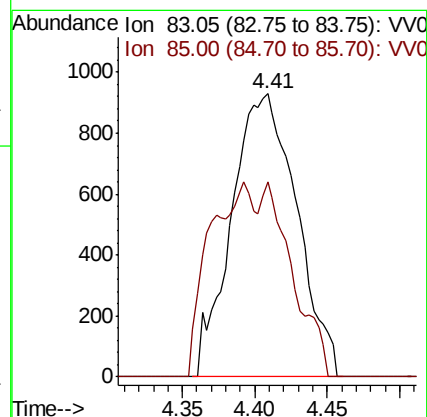
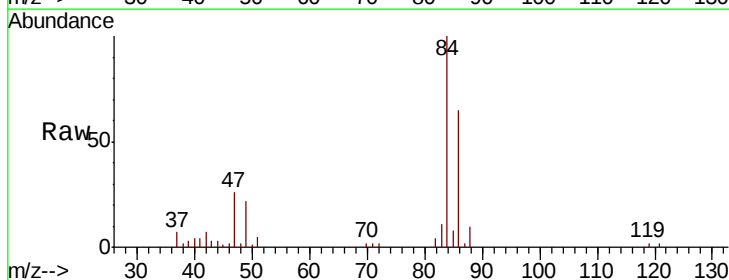
Acq: 21 May 2020 19:18

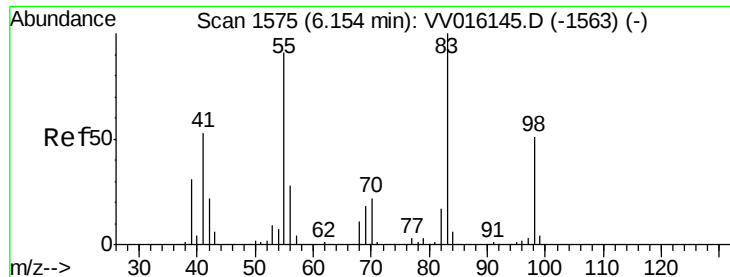
Tgt Ion: 83 Resp: 2896

Ion Ratio Lower Upper

83 100

85 68.9 45.7 84.9

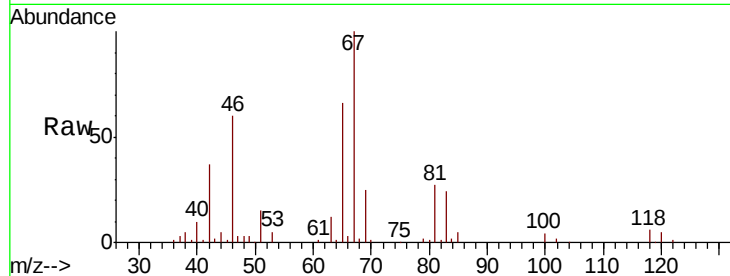




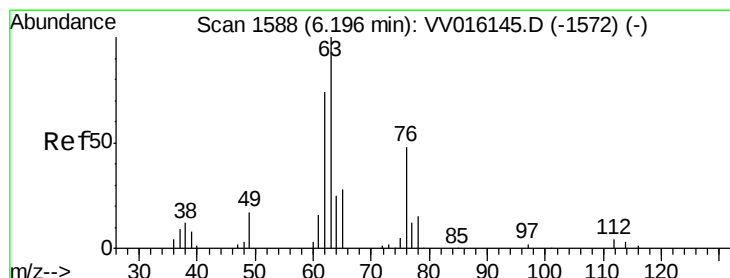
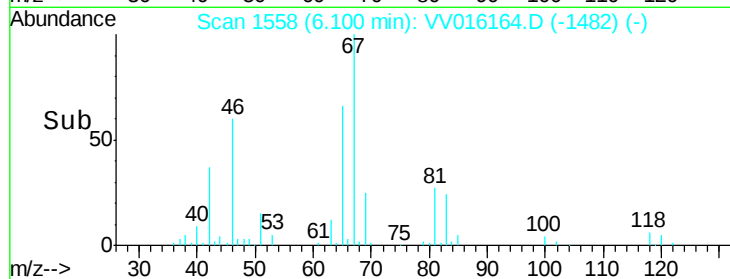
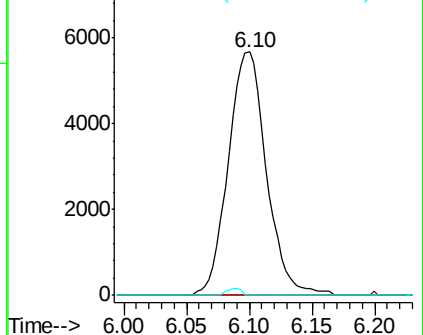
#35
Methvlcvclohexane
Concen: 0.965 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV016164.D
Acq: 21 May 2020 19:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11969
Ion Ratio Lower Upper
83 100
55 0.2 66.2 99.2#
98 1.1 37.9 56.9#

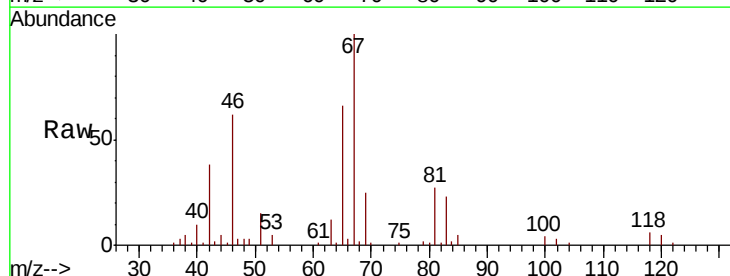


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

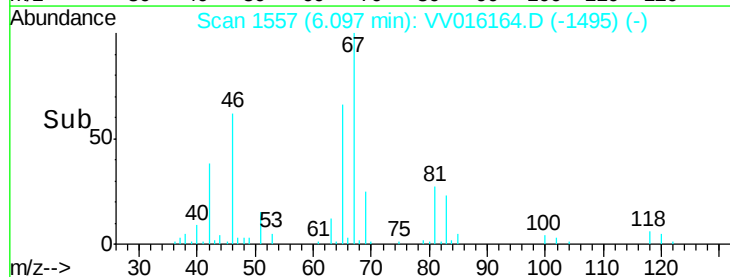
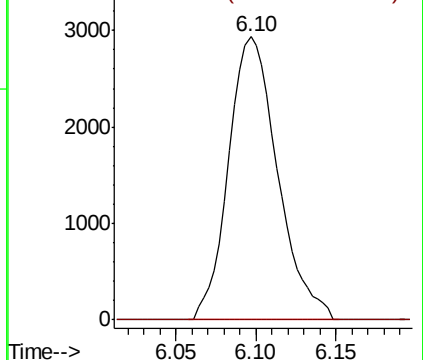


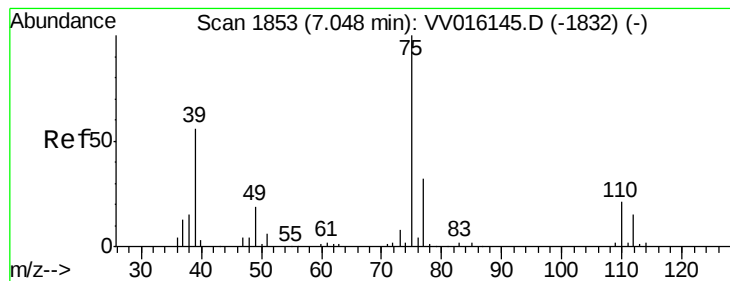
#37
1,2-Dichloropropane
Concen: 0.844 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016164.D
Acq: 21 May 2020 19:18

Tgt Ion: 63 Resp: 6158
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



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



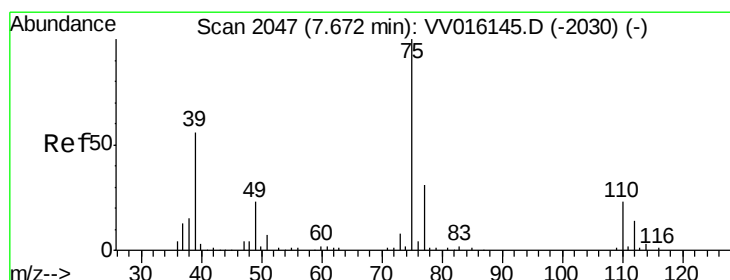
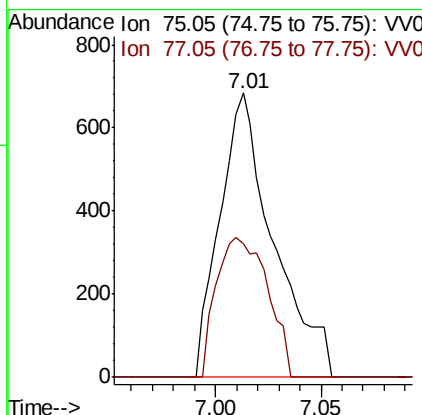
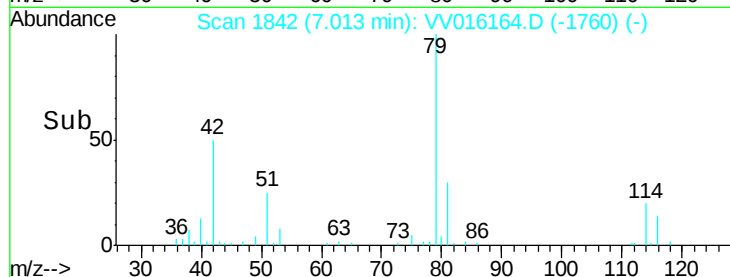
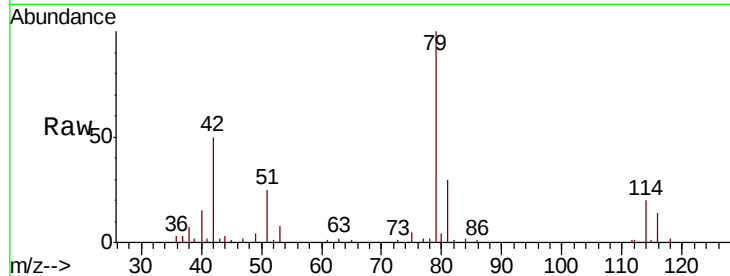


#39

cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016164.D
 Acq: 21 May 2020 19:18

Instrument :
 MSVOA_V
 ClientSampleId :

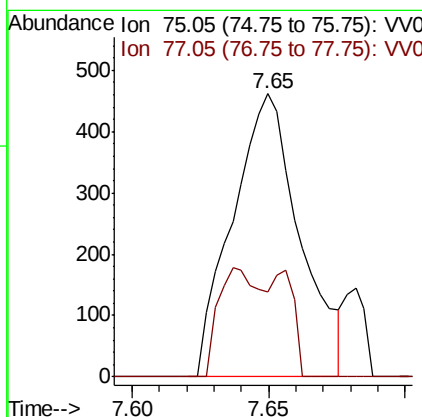
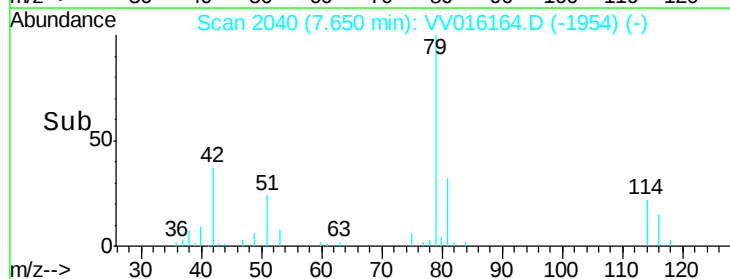
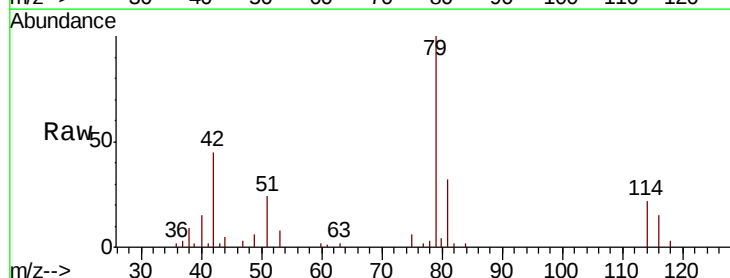
Tot Ion: 75 Resp: 1201
 Ion Ratio Lower Upper
 75 100
 77 47.0 21.3 39.5#

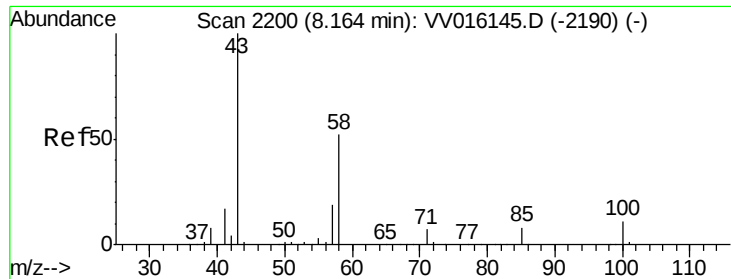


#46

trans-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV016164.D
 Acq: 21 May 2020 19:18

Tgt Ion: 75 Resp: 789
 Ion Ratio Lower Upper
 75 100
 77 29.9 21.3 39.6

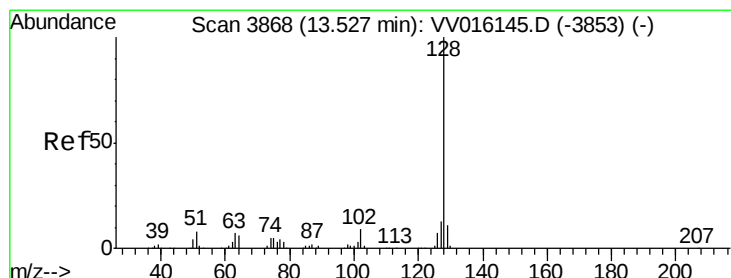
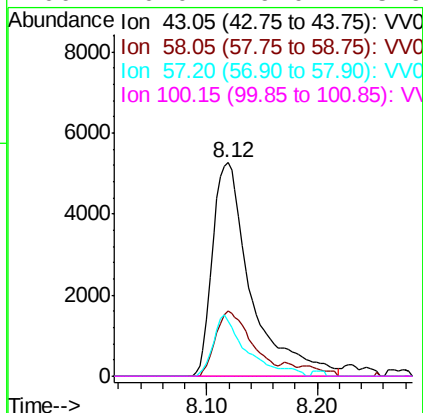
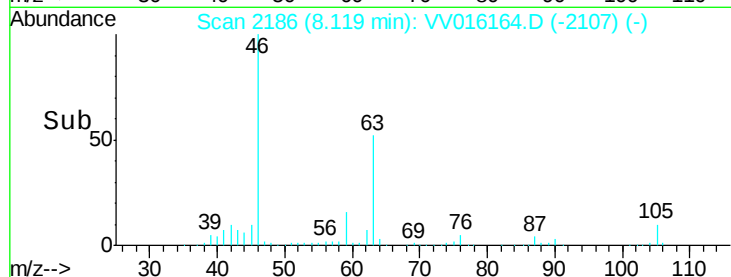
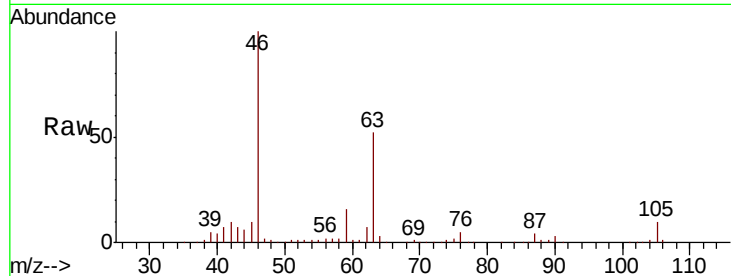




#50
2-Hexanone
Concen: 3.978 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.04 min
Lab File: VV016164.D
Acq: 21 May 2020 19:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 12793
Ion Ratio Lower Upper
43 100
58 28.4 40.8 61.2#
57 23.2 14.7 22.1#
100 0.0 9.0 13.6#



#70
Naphthalene
Concen: 0.404 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016164.D
Acq: 21 May 2020 19:18

Tgt Ion: 128 Resp: 5351
Ion Ratio Lower Upper
128 100
129 12.5 8.5 12.7
127 11.5 10.2 15.2

