

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015633.D
 Acq On : 22 Apr 2020 19:59
 Operator : SY/MD
 Sample : L2366-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:10:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	129350	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	123434	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33226	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	31900	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.12	63	51411	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.94	46	112355	51.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.38	84	76596	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.06	65	45395	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.07	84	147582	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.09	67	46677	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.34	98	136067	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.65	79	15527	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.11	63	85574	48.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34581	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	52754	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

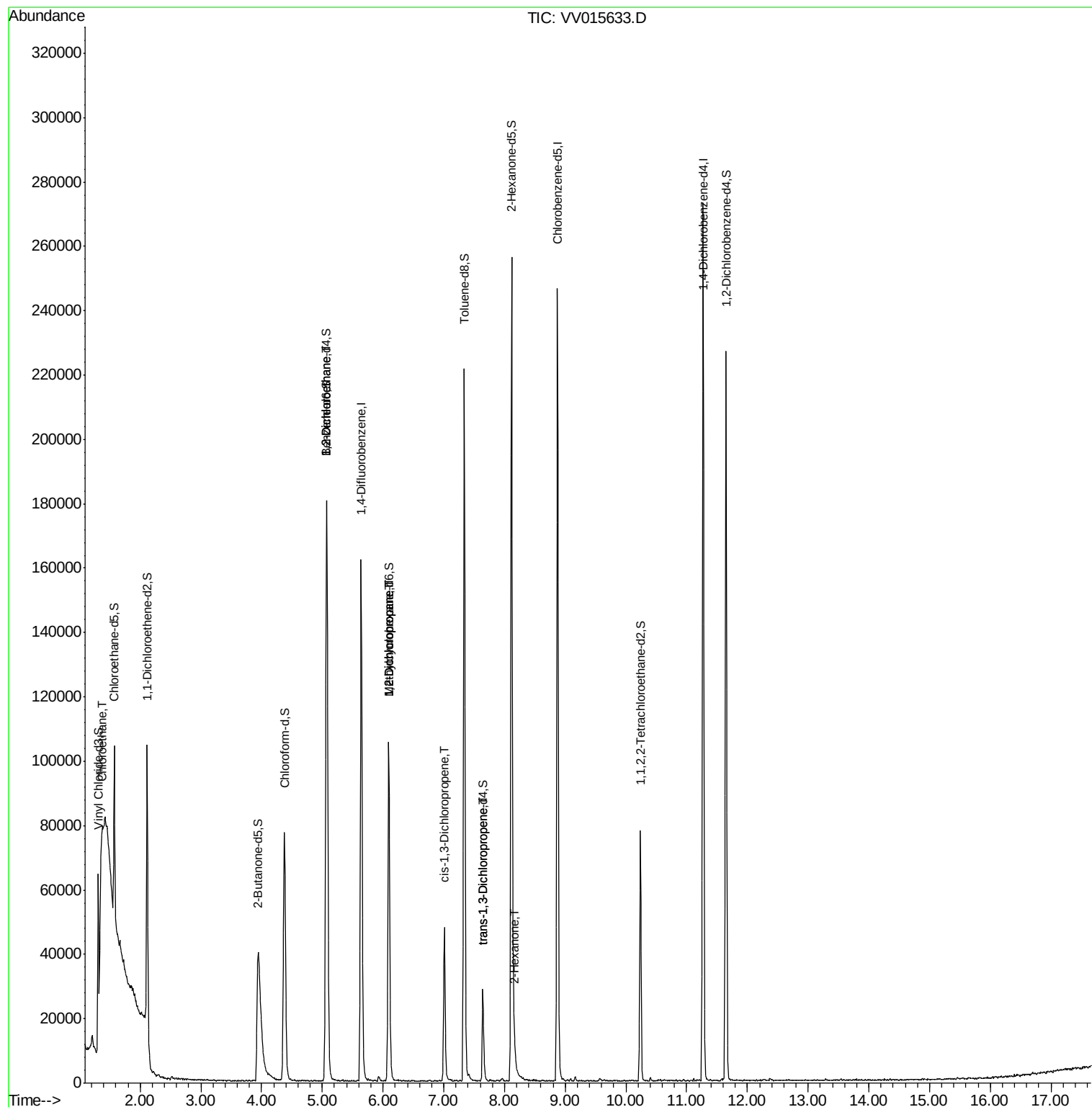
					Ovalue
8) Chloroethane	1.38	64	114917	17.092 ug/L #	52
27) 1,2-Dichloroethane	5.07	62	1190	0.103 ug/L #	78
35) Methylcyclohexane	6.09	83	11728	0.785 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5993	0.669 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1433	0.115 ug/L #	74
44) trans-1,3-Dichloropropene	7.64	75	862	0.082 ug/L	87
48) 2-Hexanone	8.17	43	2860	0.689 ug/L #	41

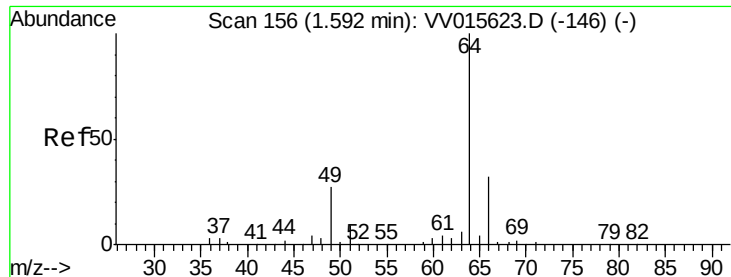
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 23 03:05:46 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 17.092 ug/L

RT: 1.38 min Scan# 89

Delta R.T. -0.22 min

Lab File: VV015633.D

Acq: 22 Apr 2020 19:59

Instrument :

MSVOA_V

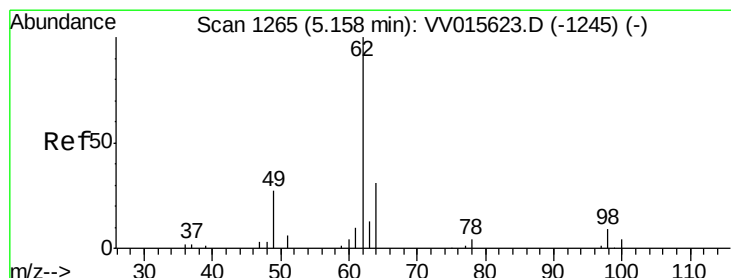
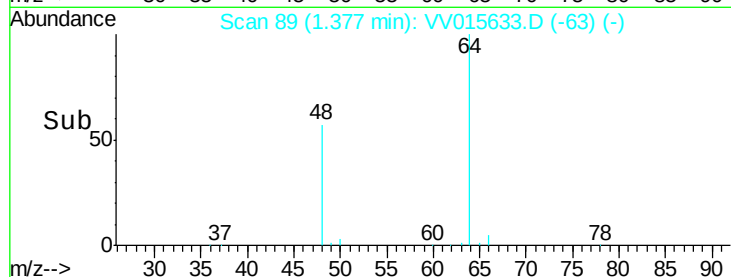
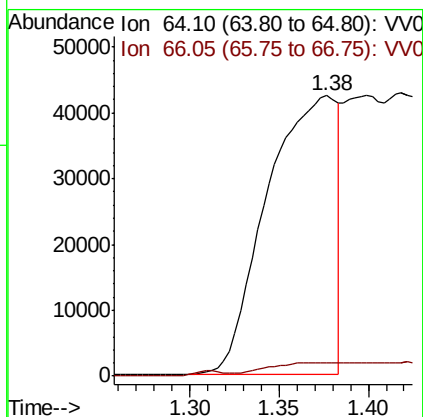
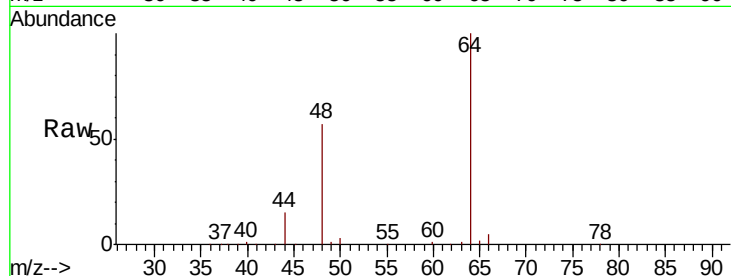
ClientSampleId :

Tot Ion: 64 Resp: 114917

Ion Ratio Lower Upper

64 100

66 4.9 22.3 41.5#



#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV015633.D

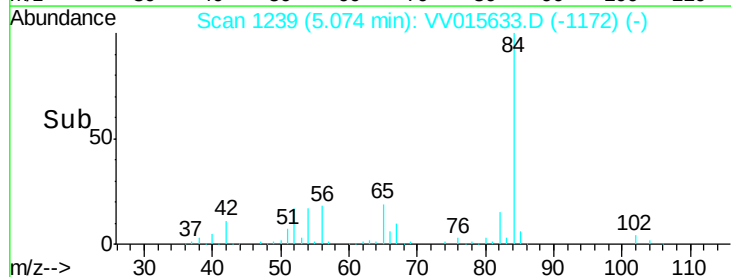
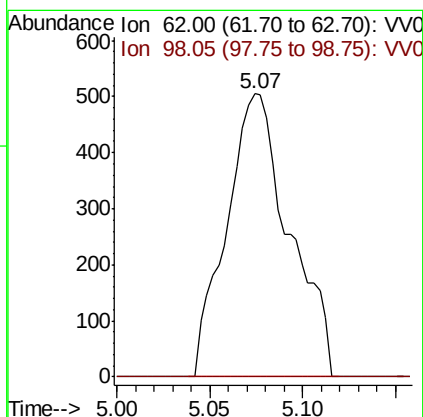
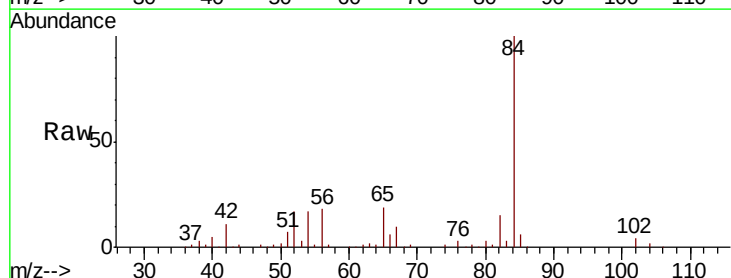
Acq: 22 Apr 2020 19:59

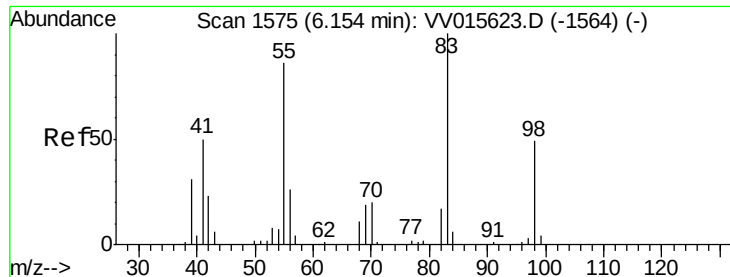
Tgt Ion: 62 Resp: 1190

Ion Ratio Lower Upper

62 100

98 0.0 6.3 9.5#

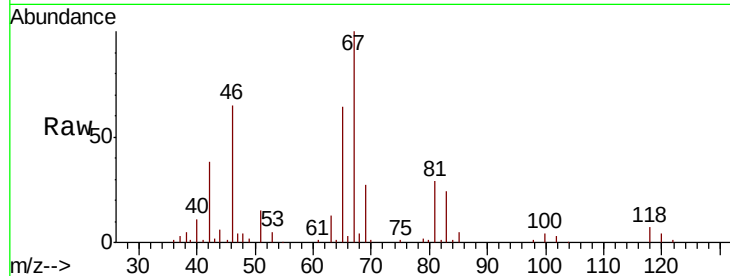




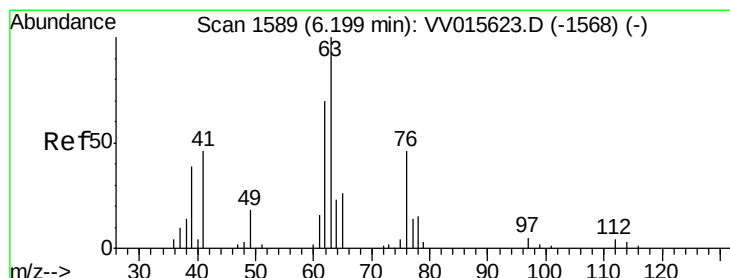
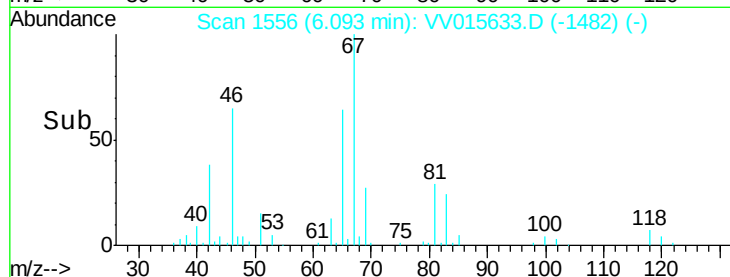
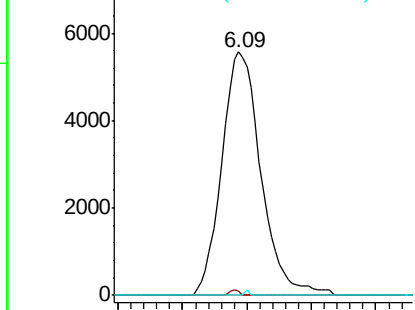
#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015633.D
Acq: 22 Apr 2020 19:59

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11728
Ion Ratio Lower Upper
83 100
55 0.5 66.6 99.8#
98 0.2 39.5 59.3#

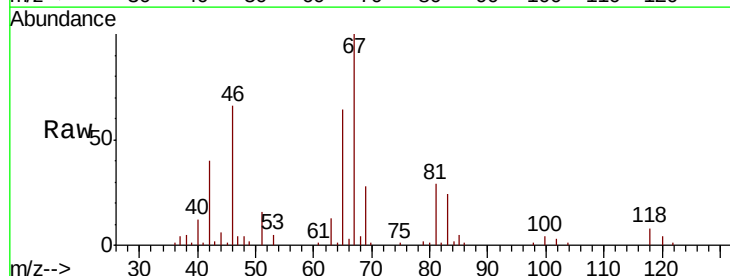


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

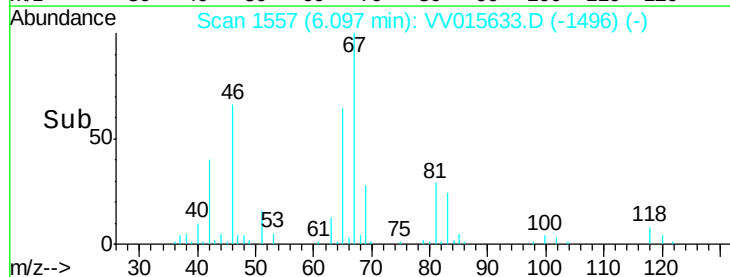
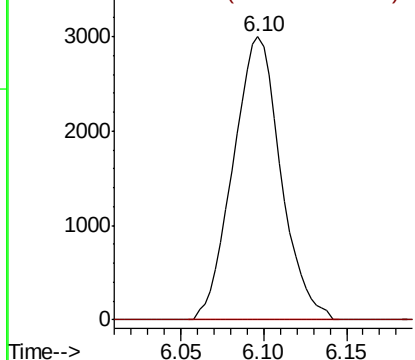


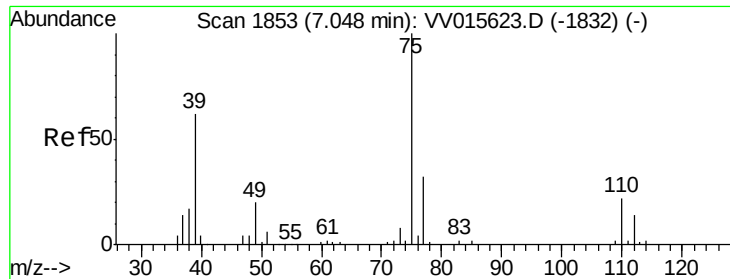
#37
1,2-Dichloropropane
Concen: 0.669 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015633.D
Acq: 22 Apr 2020 19:59

Tgt Ion: 63 Resp: 5993
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



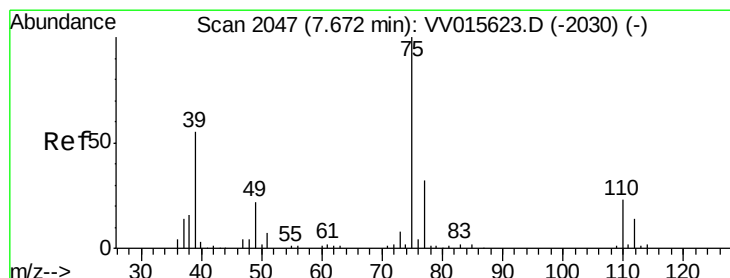
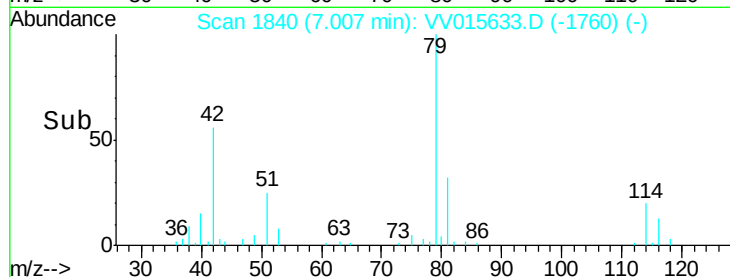
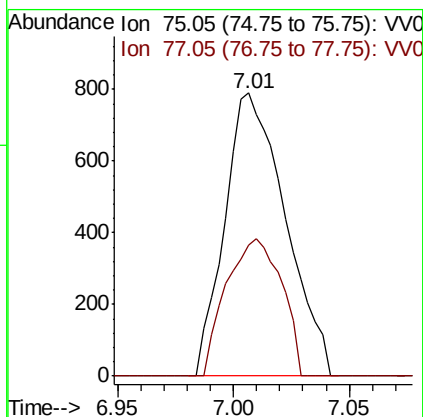
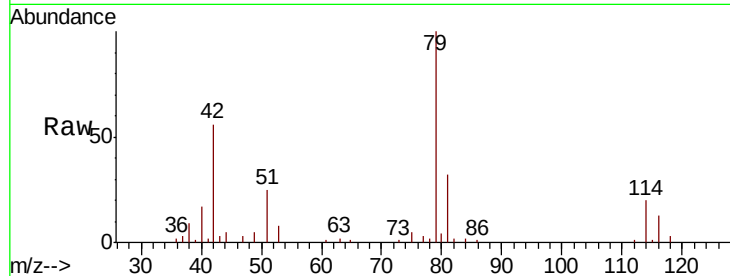


#39

cis-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV015633.D
Acq: 22 Apr 2020 19:59

Instrument :
MSVOA_V
ClientSampleId :

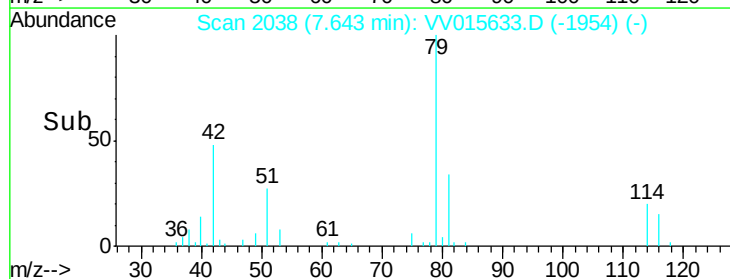
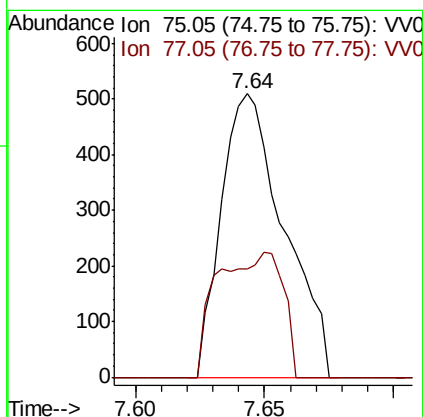
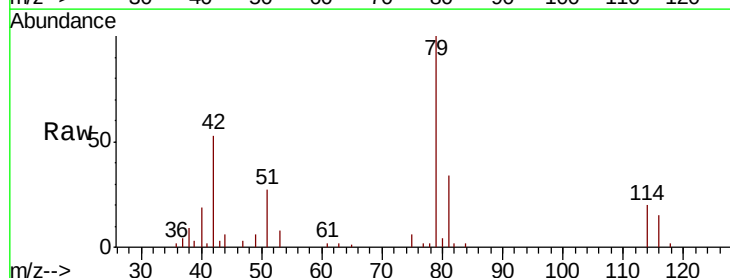
Tot Ion: 75 Resp: 1433
Ion Ratio Lower Upper
75 100
77 46.5 22.3 41.5#

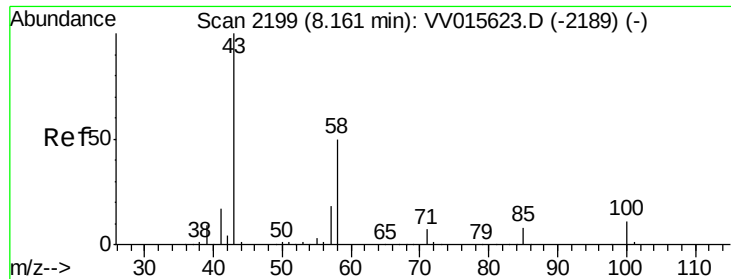


#44

trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015633.D
Acq: 22 Apr 2020 19:59

Tgt Ion: 75 Resp: 862
Ion Ratio Lower Upper
75 100
77 38.1 21.8 40.6





#48

2-Hexanone

Concen: 0.689 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015633.D

Acq: 22 Apr 2020 19:59

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2860

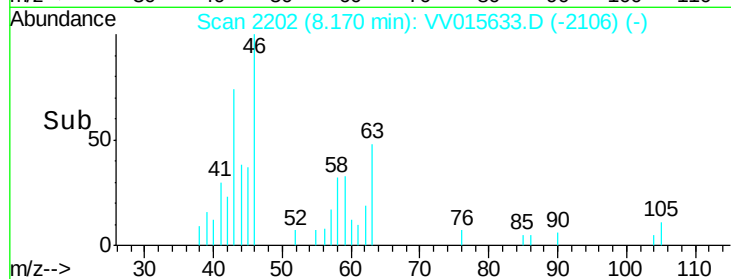
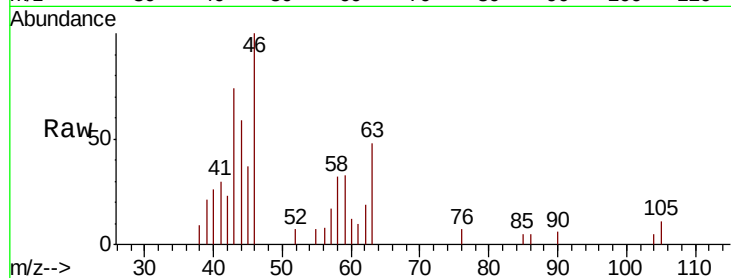
Ion Ratio Lower Upper

43 100

58 0.0 41.1 61.7#

57 0.0 15.0 22.4#

100 2.3 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

