

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015699.D
 Acq On : 25 Apr 2020 17:04
 Operator : SY/MD
 Sample : L2413-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 01:16:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 01:12:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	122276	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120126	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26170	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.58	69	28092	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.12	63	44042	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.92	46	107645	52.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.92%
24) Chloroform-d	4.38	84	70423	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	42547	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.08	84	134447	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.10	67	43055	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	121693	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.65	79	13043	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.11	63	77011	44.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32004	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	47499	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

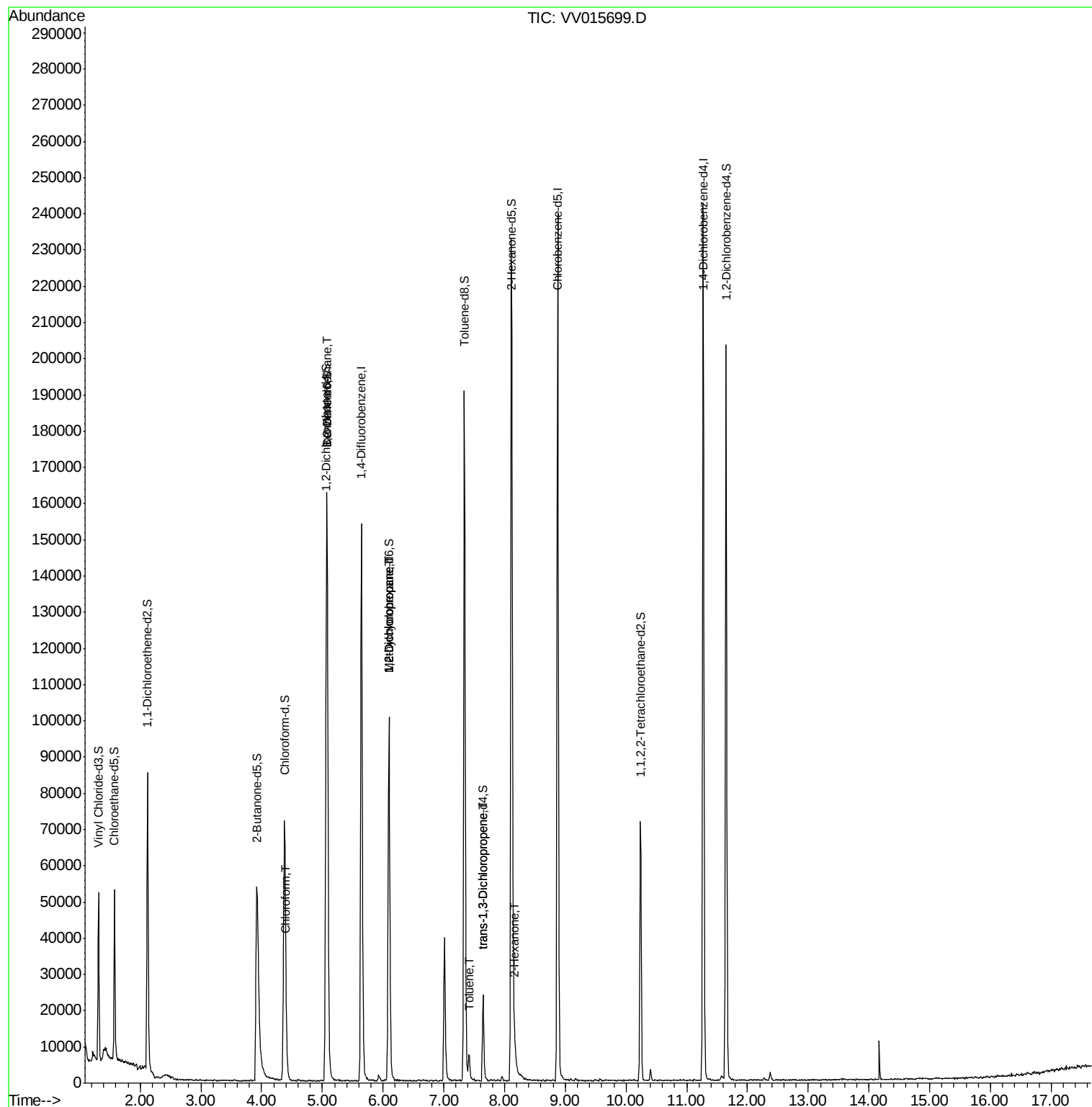
					Ovalue
25) Chloroform	4.41	83	2782	0.167 ug/L	95
27) 1,2-Dichloroethane	5.08	62	924	0.085 ug/L #	78
35) Methylcyclohexane	6.10	83	11220	0.771 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5697	0.653 ug/L #	86
42) Toluene	7.41	91	4712	0.128 ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	648	0.063 ug/L	86
48) 2-Hexanone	8.17	43	4007	0.992 ug/L #	76

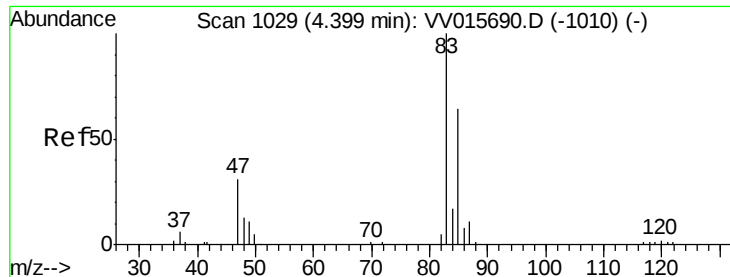
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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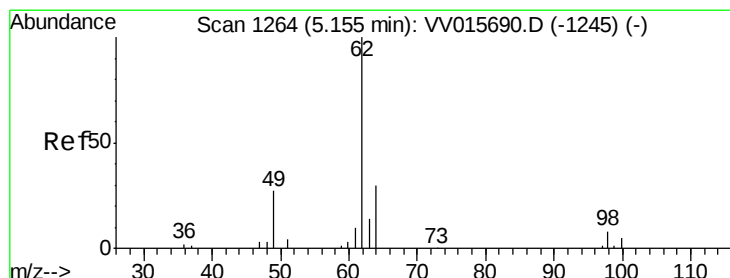
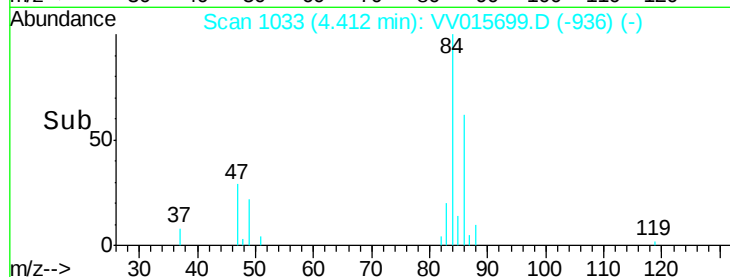
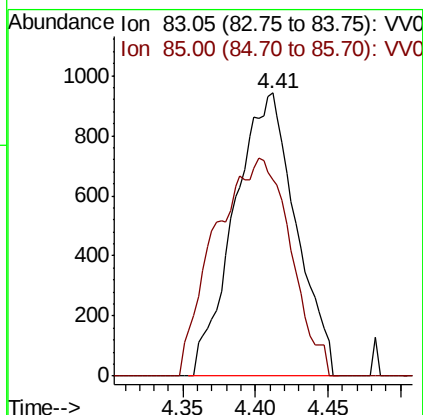
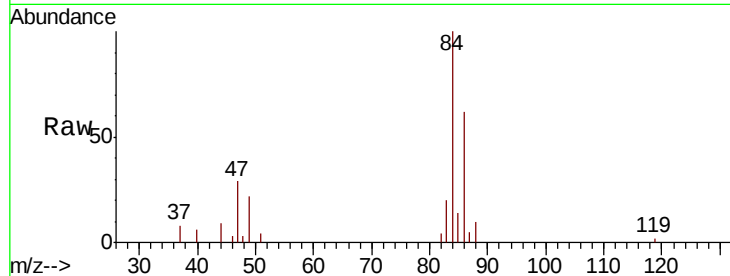




#25
Chloroform
Concen: 0.167 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV015699.D
Acq: 25 Apr 2020 17:04

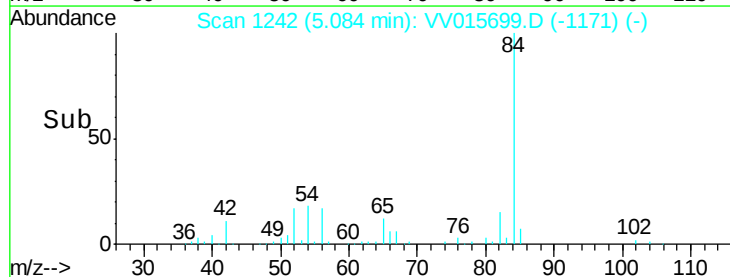
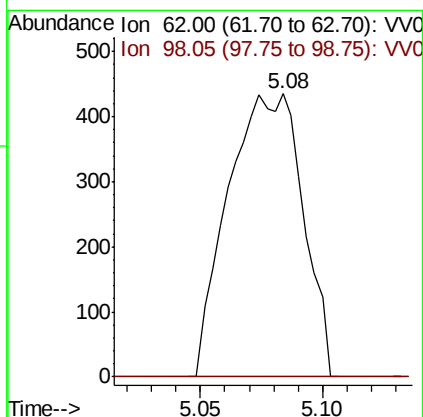
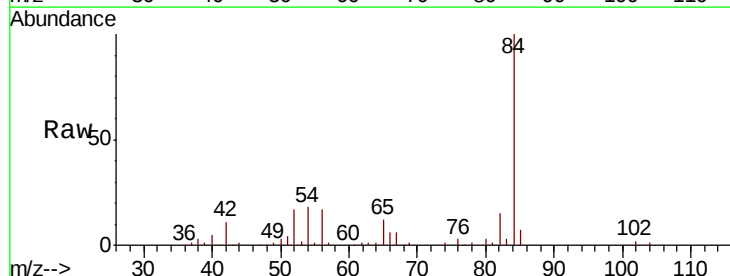
Instrument :
MSVOA_V
ClientSampled :

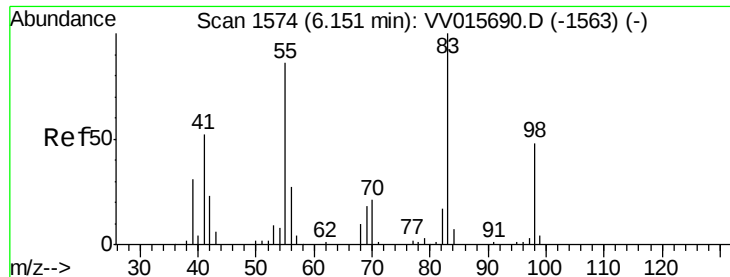
Tot Ion: 83 Resp: 2782
Ion Ratio Lower Upper
83 100
85 69.5 46.1 85.5



#27
1,2-Dichloroethane
Concen: 0.085 ug/L
RT: 5.08 min Scan# 1242
Delta R.T. -0.07 min
Lab File: VV015699.D
Acq: 25 Apr 2020 17:04

Tgt Ion: 62 Resp: 924
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#

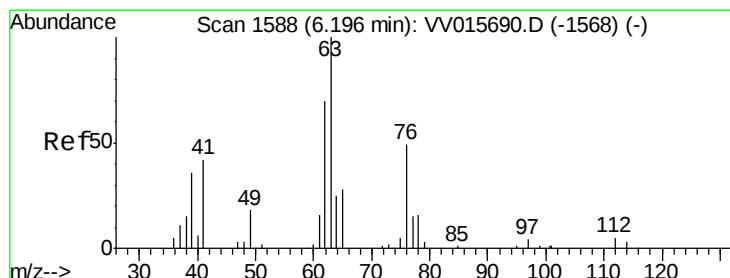
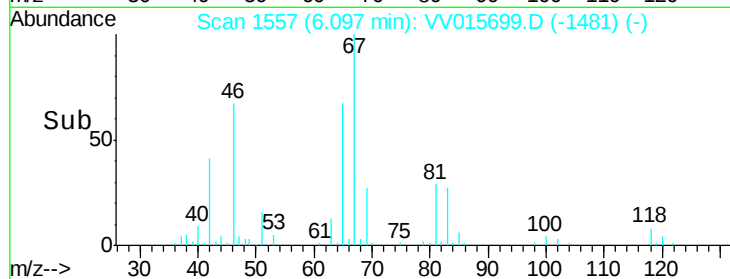
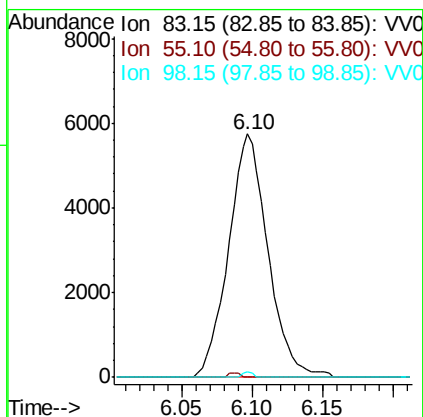
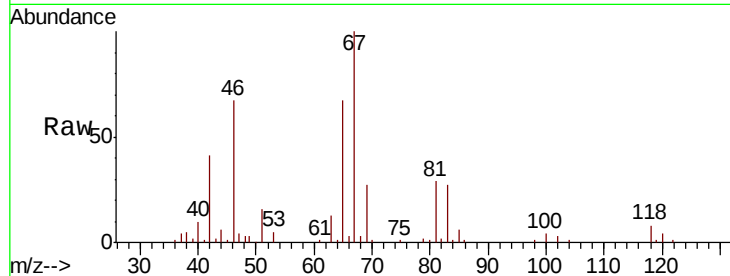




#35
Methvlcvclohexane
Concen: 0.771 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015699.D
Acq: 25 Apr 2020 17:04

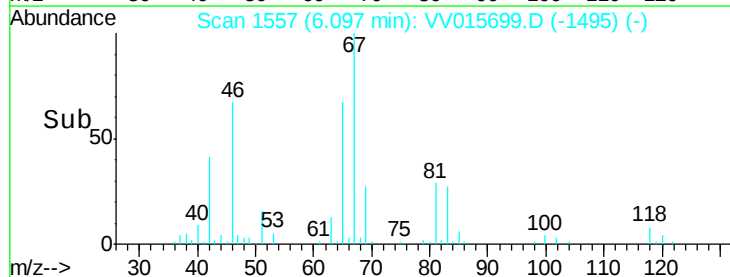
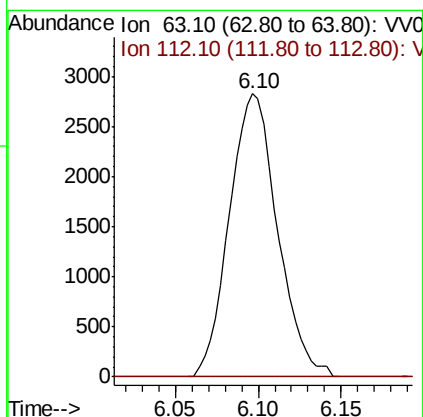
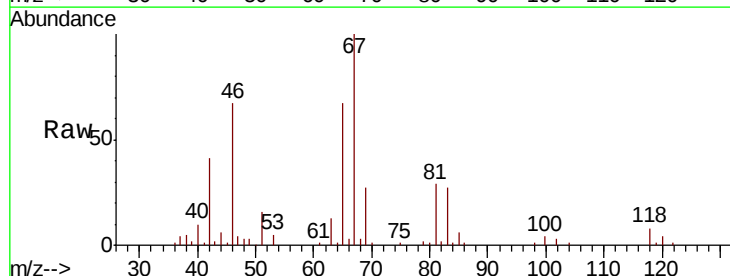
Instrument :
MSVOA_V
ClientSampleId :

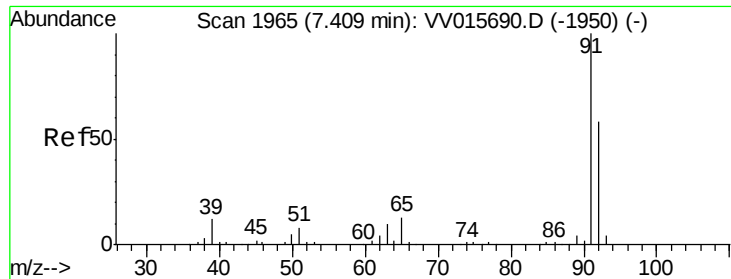
Tot Ion: 83 Resp: 11220
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 0.6 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015699.D
Acq: 25 Apr 2020 17:04

Tgt Ion: 63 Resp: 5697
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#42

Toluene

Concen: 0.128 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015699.D

Acq: 25 Apr 2020 17:04

Instrument :

MSVOA_V

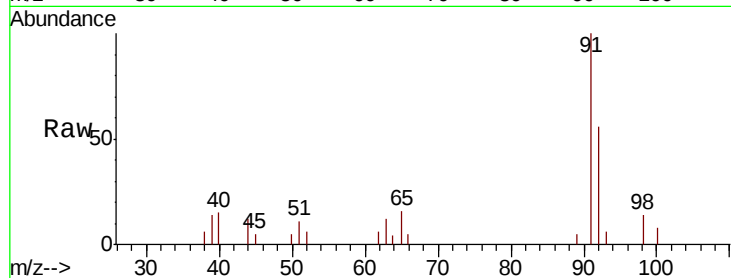
ClientSampleId :

Tot Ion: 91 Resp: 4712

Ion Ratio Lower Upper

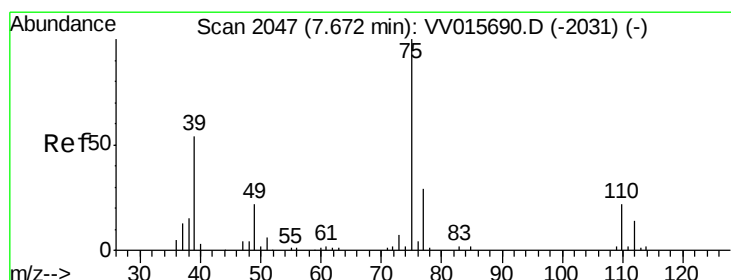
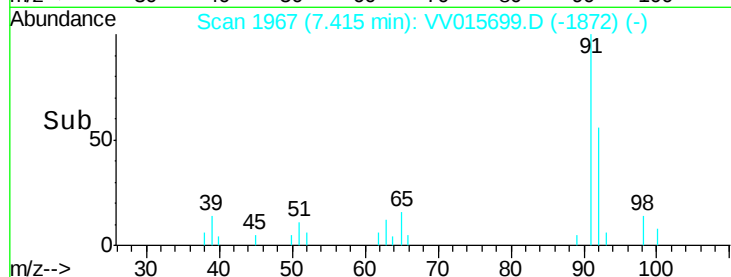
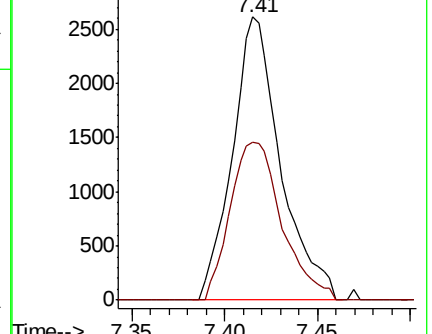
91 100

92 55.7 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV015699.D

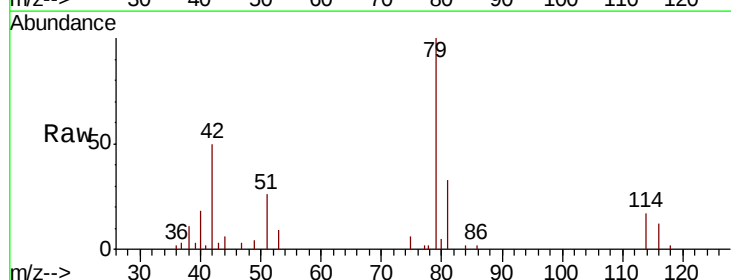
Acq: 25 Apr 2020 17:04

Tgt Ion: 75 Resp: 648

Ion Ratio Lower Upper

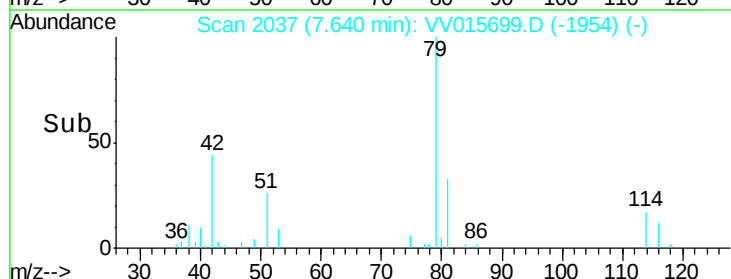
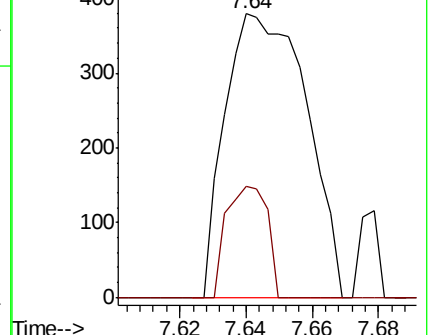
75 100

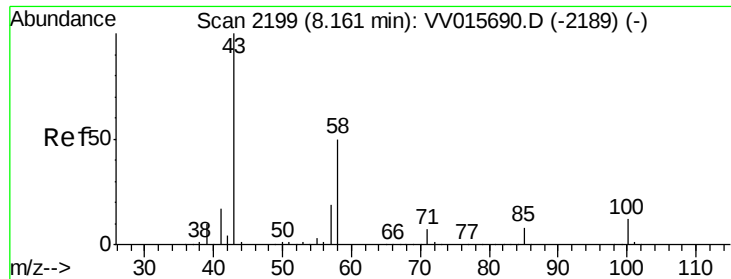
77 39.1 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 0.992 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015699.D

Acq: 25 Apr 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4007

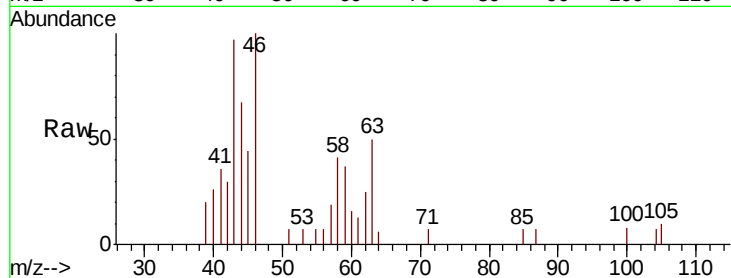
Ion Ratio Lower Upper

43 100

58 37.5 41.1 61.7#

57 0.0 15.0 22.4#

100 5.6 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

