

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015609.D
 Acq On : 21 Apr 2020 18:37
 Operator : SY/MD
 Sample : L2366-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:16:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	135273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63538	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33883	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	32599	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.12	63	54072	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.92	46	106507	54.04	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.08%
24) Chloroform-d	4.38	84	74687	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.06	65	44425	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.08	84	146136	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.09	67	46271	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.34	98	134680	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.64	79	14322	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.11	63	83104	44.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31993	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	51106	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

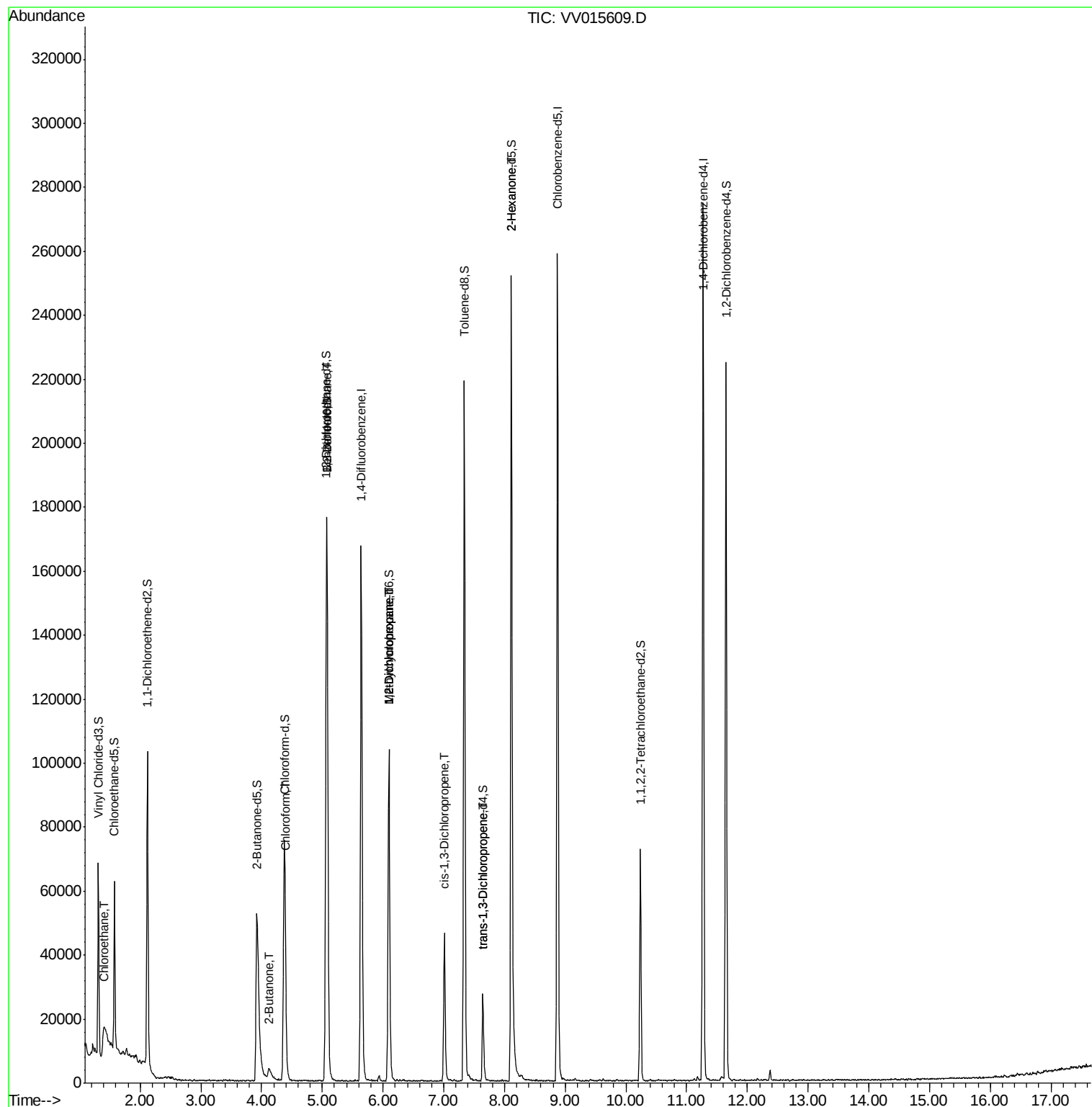
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.41	64	14683	2.062	ug/L #	52
21) 2-Butanone	4.12	43	5544	2.464	ug/L #	70
25) Chloroform	4.40	83	2489	0.135	ug/L	81
27) 1,2-Dichloroethane	5.07	62	1055	0.088	ug/L #	77
35) Methylcyclohexane	6.10	83	11863	0.678	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5802	0.606	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1356	0.092	ug/L #	64
44) trans-1,3-Dichloropropene	7.64	75	785	0.063	ug/L #	65
48) 2-Hexanone	8.11	43	11599	2.642	ug/L #	72

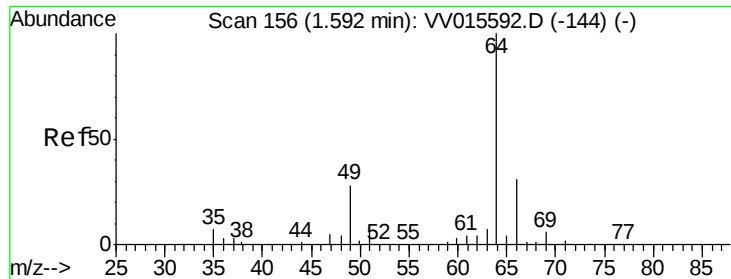
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 2.062 ug/L

RT: 1.41 min Scan# 98

Delta R.T. -0.19 min

Lab File: VV015609.D

Acq: 21 Apr 2020 18:37

Instrument :

MSVOA_V

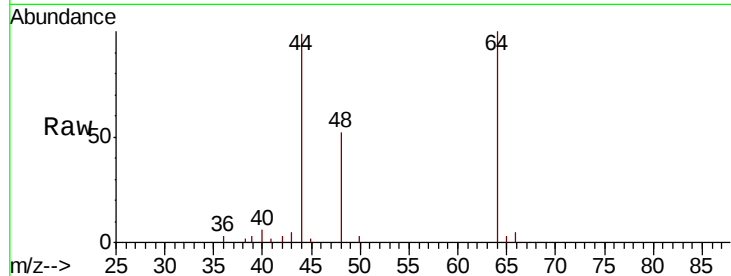
ClientSampled :

Tot Ion: 64 Resp: 14683

Ion Ratio Lower Upper

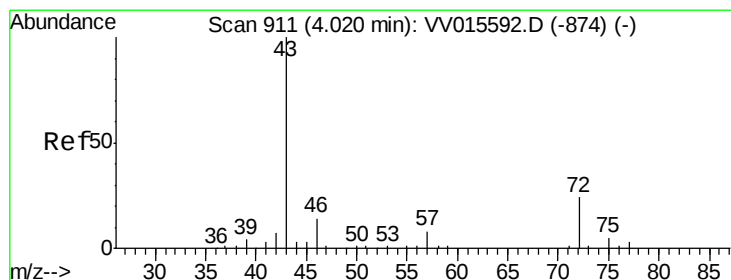
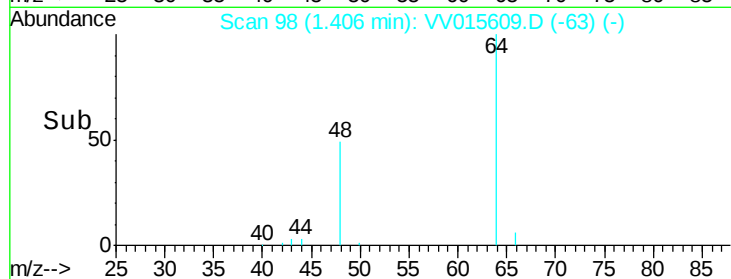
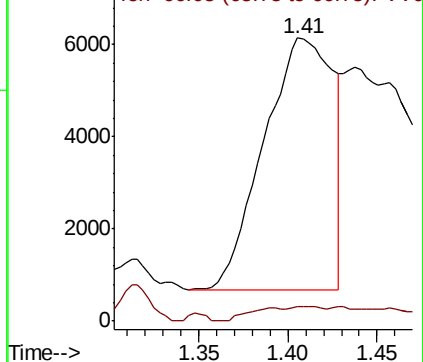
64 100

66 5.1 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#21

2-Butanone

Concen: 2.464 ug/L

RT: 4.12 min Scan# 942

Delta R.T. 0.10 min

Lab File: VV015609.D

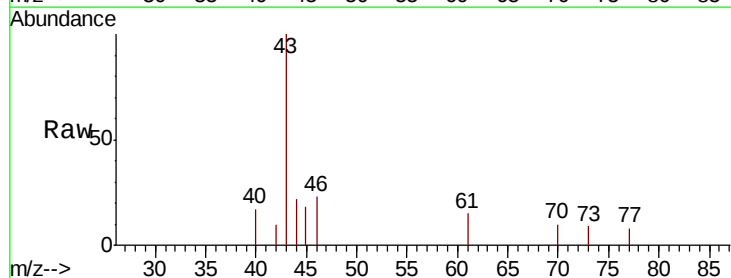
Acq: 21 Apr 2020 18:37

Tgt Ion: 43 Resp: 5544

Ion Ratio Lower Upper

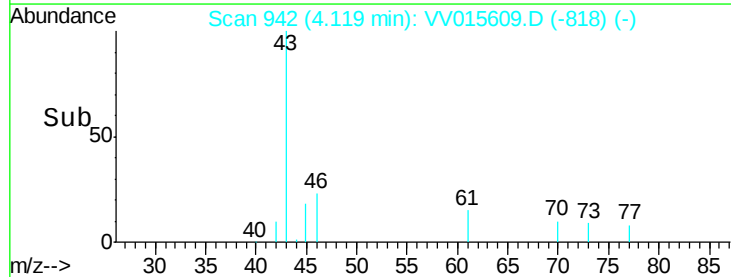
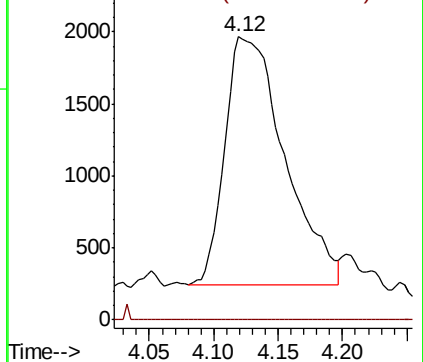
43 100

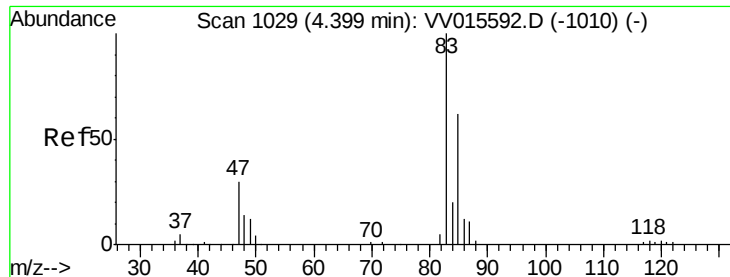
72 0.4 5.9 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

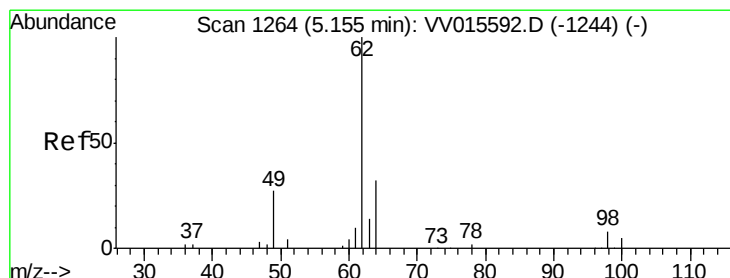
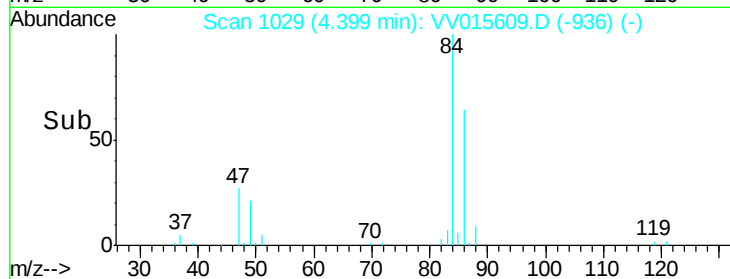
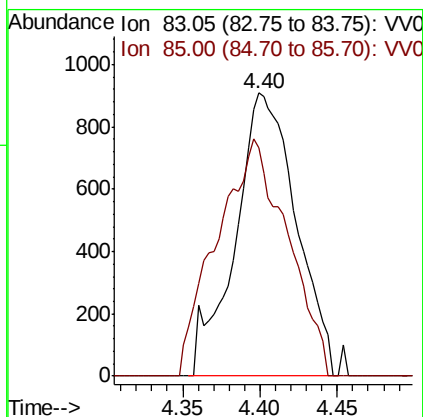
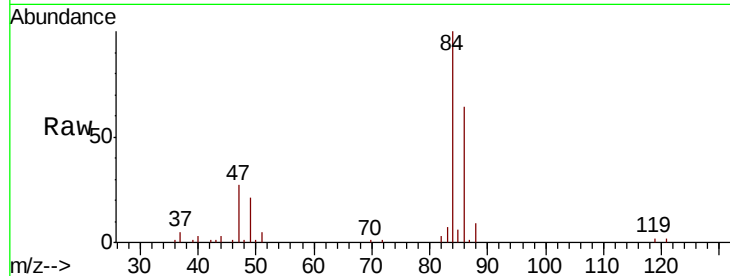




#25
Chloroform
Concen: 0.135 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV015609.D
Acq: 21 Apr 2020 18:37

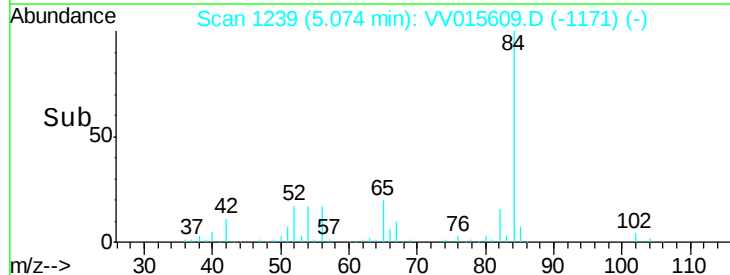
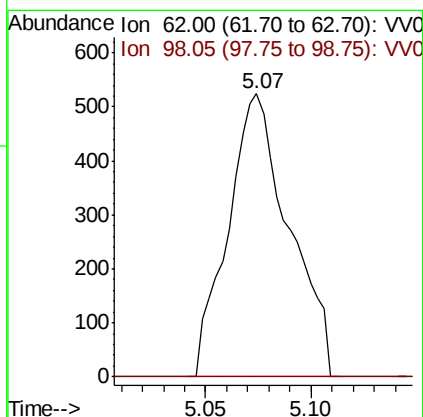
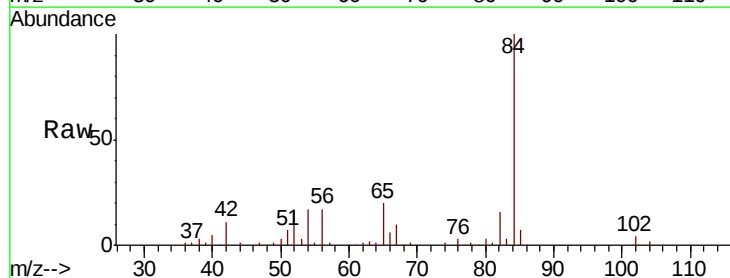
Instrument :
MSVOA_V
ClientSampled :

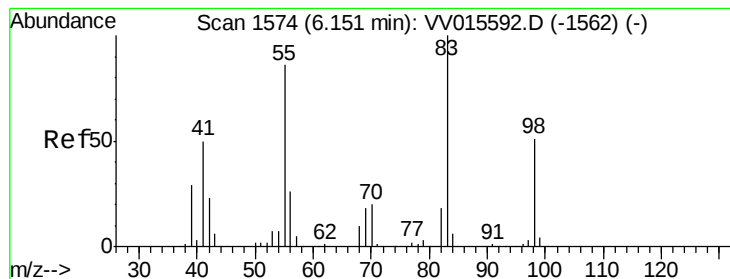
Tot Ion: 83 Resp: 2489
Ion Ratio Lower Upper
83 100
85 80.6 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.088 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV015609.D
Acq: 21 Apr 2020 18:37

Tgt Ion: 62 Resp: 1055
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#35

Methvlcvclohexane

Concen: 0.678 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV015609.D

Acq: 21 Apr 2020 18:37

Instrument :

MSVOA_V

ClientSampleId :

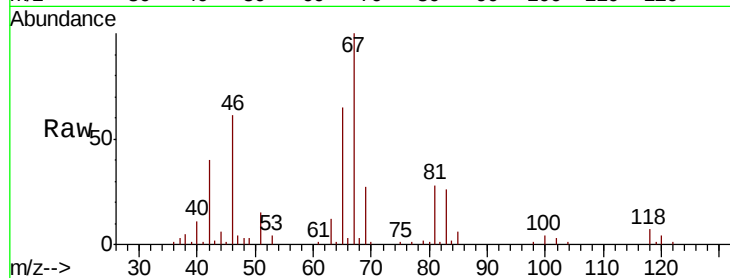
Tot Ion: 83 Resp: 11863

Ion Ratio Lower Upper

83 100

55 0.2 66.6 99.8#

98 1.1 38.7 58.1#

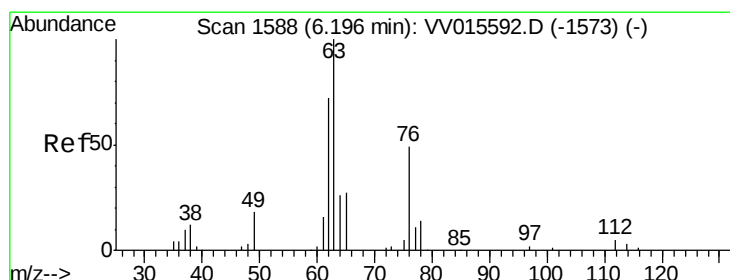
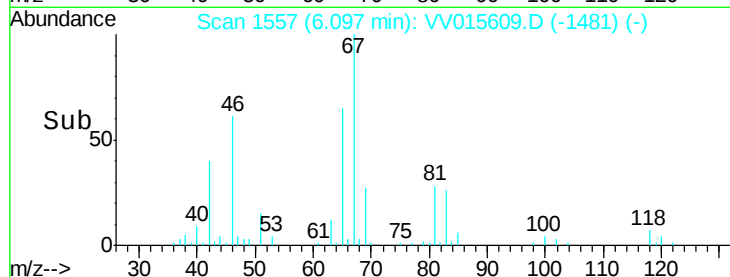


Abundance Ion 83.15 (82.85 to 83.85): VV015592.D (-1562) (-)

Ion 55.10 (54.80 to 55.80): VV015592.D (-1562) (-)

Ion 98.15 (97.85 to 98.85): VV015592.D (-1562) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015609.D

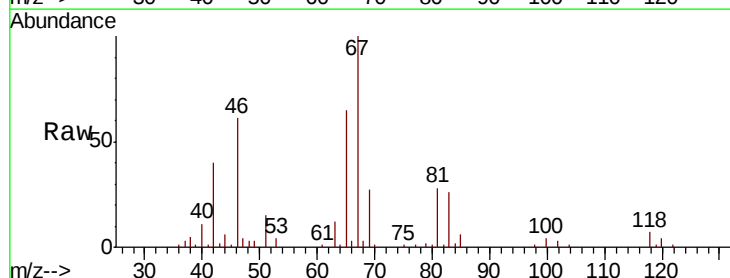
Acq: 21 Apr 2020 18:37

Tgt Ion: 63 Resp: 5802

Ion Ratio Lower Upper

63 100

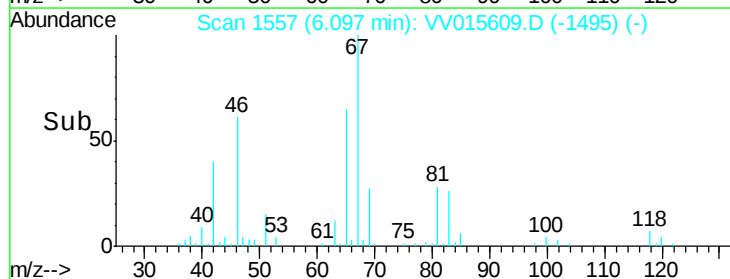
112 0.0 3.6 5.4#

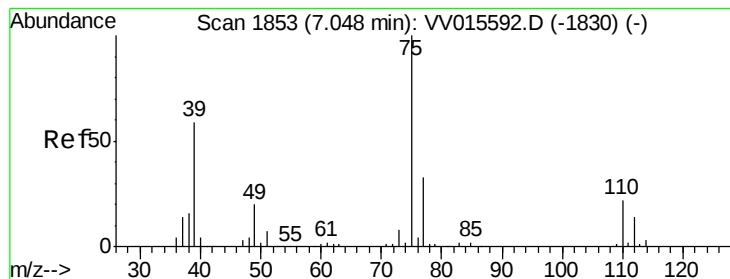


Abundance Ion 63.10 (62.80 to 63.80): VV015592.D (-1573) (-)

Ion 112.10 (111.80 to 112.80): VV015592.D (-1573) (-)

Time-->



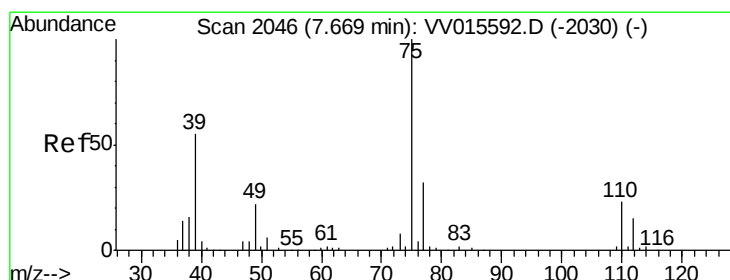
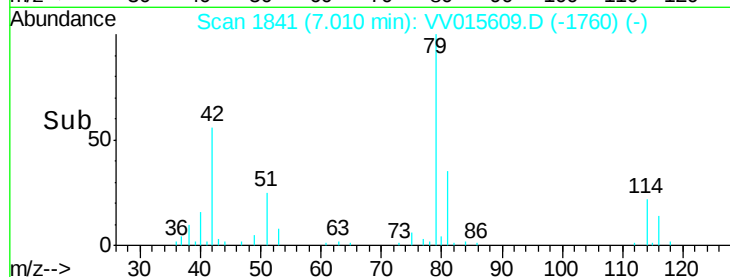
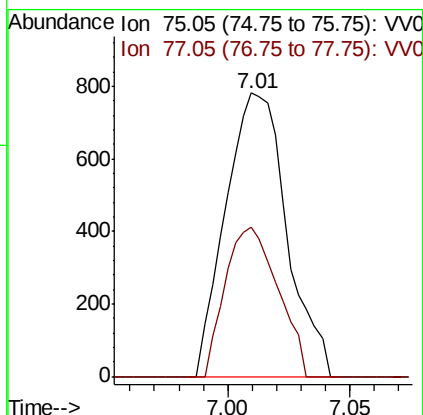
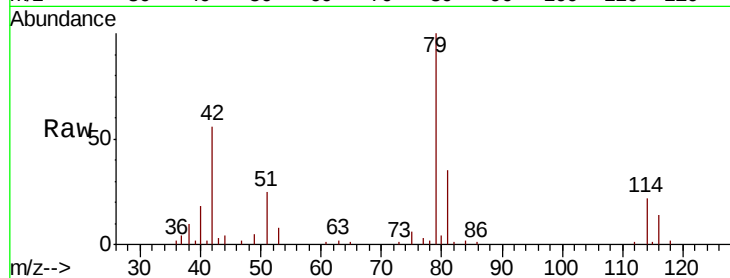


#39

cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015609.D
Acq: 21 Apr 2020 18:37

Instrument :
MSVOA_V
ClientSampleId :

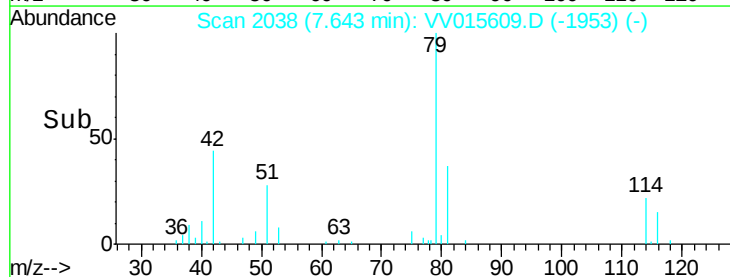
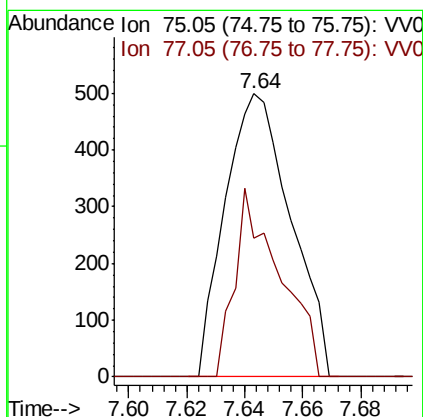
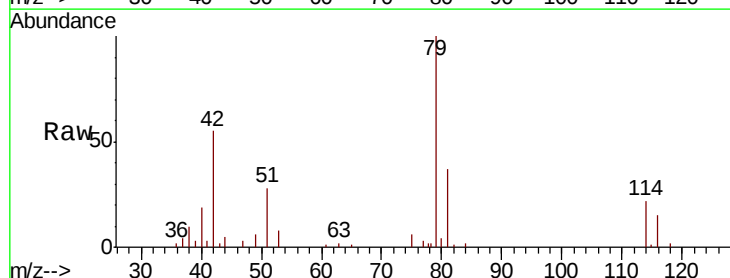
Tot Ion: 75 Resp: 1356
Ion Ratio Lower Upper
75 100
77 52.8 23.0 42.6#

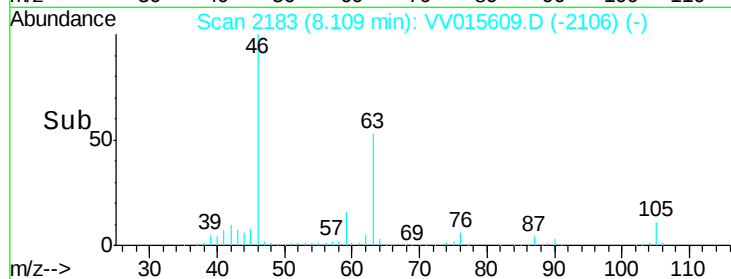
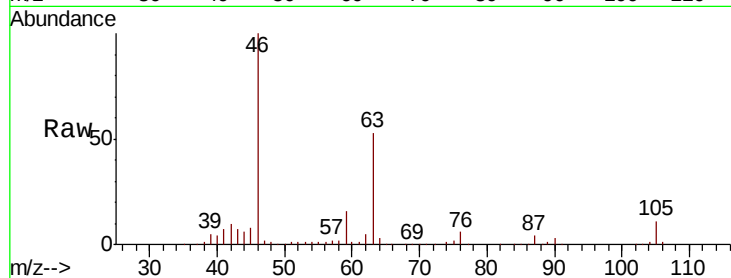
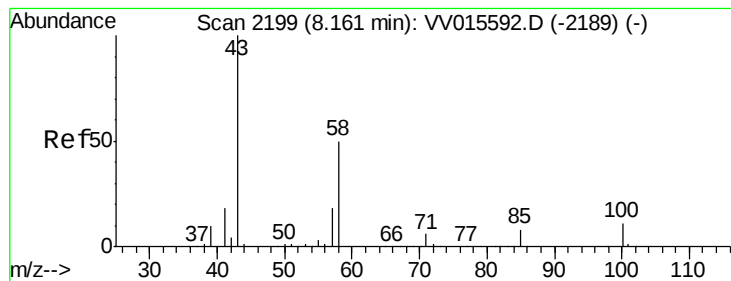


#44

trans-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015609.D
Acq: 21 Apr 2020 18:37

Tgt Ion: 75 Resp: 785
Ion Ratio Lower Upper
75 100
77 49.1 21.0 39.0#





#48
 2-Hexanone
 Concen: 2.642 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV015609.D
 Acq: 21 Apr 2020 18:37

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 11599
 Ion Ratio Lower Upper
 43 100
 58 29.5 41.4 62.0#
 57 25.0 15.0 22.4#
 100 0.0 9.4 14.2#

